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January 31, 2013

Ms. Tara M. Blum, P.E.
Environmental Engineer
NYSDEC Region 7
Division of Environmental Remediation
615 Erie Boulevard West
Syracuse, New York 13204-2400

Re: **Carrier Corporation, Thompson Road Facility, Syracuse, New York**
Corrective Action Order — Index No. CO 7-20051118-4
2012 Site-wide Groundwater Monitoring Report

Dear Ms. Blum:

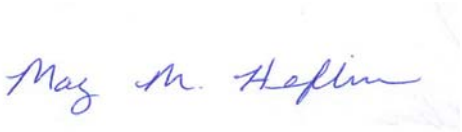
On behalf of Carrier Corporation, please find enclosed one hard copy and one electronic copy of the *2012 Site-Wide Groundwater Monitoring Report* which summarizes field activities at the Carrier Thompson Road facility in Syracuse, New York, that took place in August 2012.

Per email correspondence from your department on September 12, 2011, and follow-up email on October 25, 2011, a hard copy and an electronic copy of this letter will be submitted (via US Mail) to the New York State Department of Health contacts, Ms. Krista Anders (replacement for Mr. Steven Bates), with the Bureau of Environmental Exposure Investigation, and Mr. Mark Sergott (NYSDOH).

If you have any questions, please feel free to contact me at (615) 255-9300.

Sincerely,

EnSafe Inc.



By: May Heflin, PE

cc: (hard copy and electronic copy):
Ms. Krista Anders — New York State Department of Health
Mr. Mark Sergott — New York State Department of Health

cc: (electronic copy only):
Mr. William Penn — United Technologies Corporation
Mr. Nelson Wong — Carrier Corporation

CORRECTIVE MEASURES UPDATE
SITE-WIDE GROUNDWATER MONITORING REPORT
AUGUST 2012

CARRIER THOMPSON ROAD FACILITY
CARRIER PARKWAY
SYRACUSE, NEW YORK

EnSafe Project Number
0888812466

Revision: 0

Corrective Action Order — Index CO 7-20051118-4

Prepared for:

UTC Shared Remediation Services
United Technologies Building
Hartford, Connecticut

Prepared by:

EnSafe Inc.
220 Athens Way, Suite 410
Nashville, Tennessee 37228
(615) 255-9300
(800) 588-7962
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January 2013

CORRECTIVE MEASURES UPDATE
SITE-WIDE GROUNDWATER MONITORING REPORT
AUGUST 2012

CARRIER THOMPSON ROAD FACILITY
CARRIER PARKWAY
SYRACUSE, NEW YORK

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Revision: 0

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EnSafe Inc.
220 Athens Way, Suite 410
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(615) 255-9300
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Prepared By:	**Reviewed By:**
Shane Goodnight	May M. Heflin
January 31, 2013	January 31, 2013
Date	Date

Table of Contents

Tables

Figures

Appendices

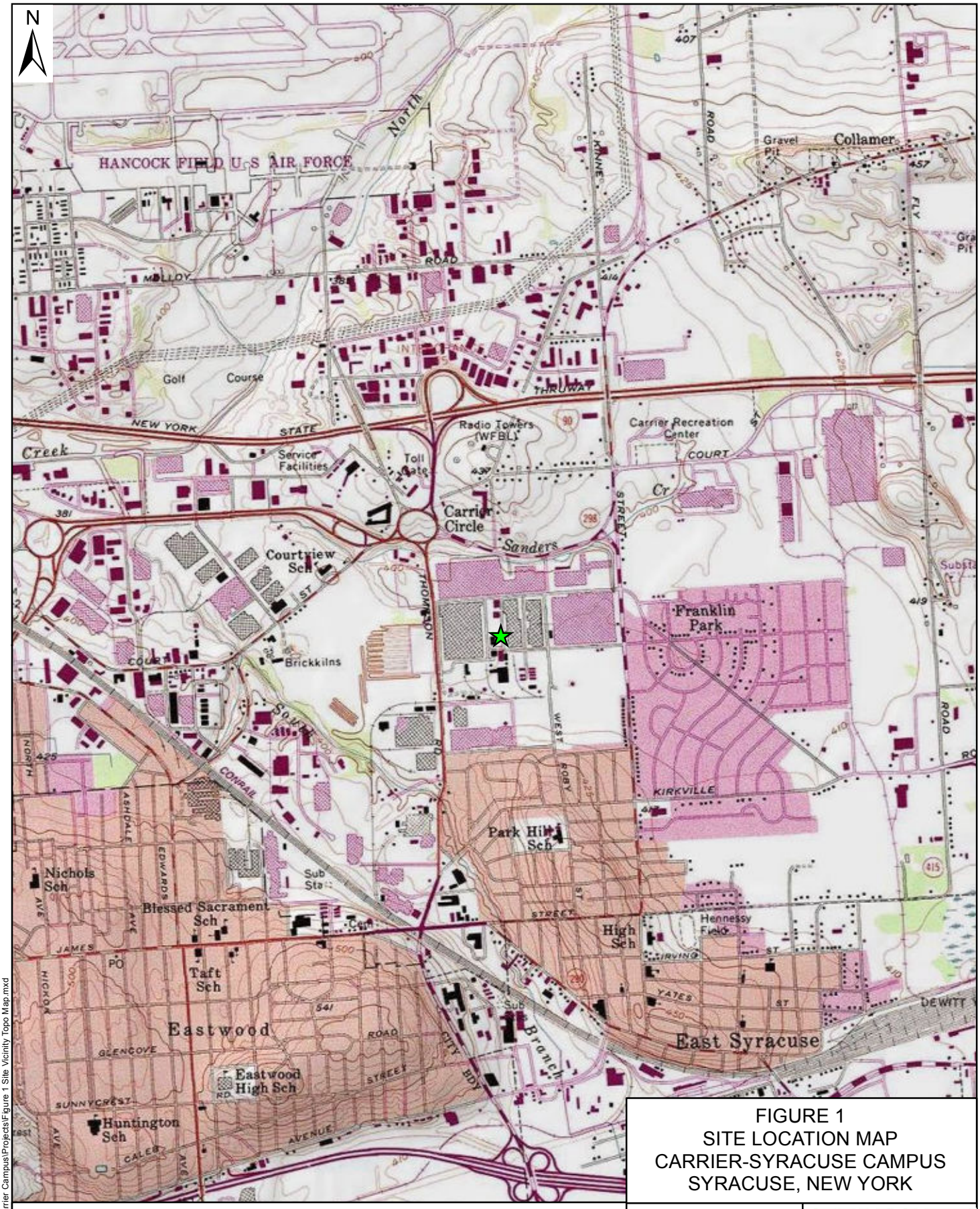
1.0 INTRODUCTION

EnSafe Inc. was retained by United Technologies Corporation Remediation Shared Services to perform the annual Site-wide groundwater monitoring at the Carrier Corporation (Carrier) Thompson Road facility in Syracuse, New York (Site). The Site-wide groundwater monitoring event is in response to New York State Department of Environmental Conservation (NYSDEC) Consent Order (CO) 7-20051118-4 (order) response letter dated May 23, 2008, in which the NYSDEC approved the October 2007 Groundwater Monitoring Report with the exception of a recommendation of further monitoring and delineation. Carrier was directed to further evaluate and delineate seasonal variations in water levels and contaminant concentrations in the groundwater system at the Site. A Corrective Measures Study Work Plan, Site-Wide Groundwater Monitoring Plan (EnSafe, 2008) for groundwater sampling was submitted for review to the NYSDEC as part of the CO update on August 22, 2008. NYSDEC issued comments to the Site-wide Monitoring Plan in a letter dated March 4, 2009. A revised Site-wide Monitoring Plan was submitted on April 3, 2009, and subsequently approved by NYSDEC. The monitoring plan calls for annual sampling of the wells at the former manufacturing campus area in June of each year.

EnSafe personnel notified NYSDEC, in a letter dated May 8, 2012, of the June 2012 Site-wide groundwater monitoring event to be conducted on June 12, 2012 and fieldwork was conducted June 12, 2012, through June 15, 2012. However, a NYSDEC letter dated July 17, 2012, stated a failure to "notify the Department at least five calendar days in advance" had occurred and NYSDEC, "is not accepting the June 2012 groundwater monitoring results." While the notification had been performed, the planned follow-up verification of the date was not issued. Therefore, the annual Site-wide groundwater monitoring event was conducted August 14, 2012, through August 15, 2012. NYSDEC was notified of the resampling event in a letter dated July 30, 2012.

The Site is located at the intersection of Carrier Parkway (New York State Route 98) and Thompson Road in Syracuse, New York, south of the New York State Thruway Interchange 35 and immediately southeast of Carrier Circle (Figure 1).

Groundwater monitoring wells were installed during previous investigations conducted at the Carrier Thompson Road facility. Most onsite wells have been sampled annually since 1999, with some onsite wells being sampled since 1989.



Legend

★ SITE LOCATION

0 1,100 2,200 3,300 4,400 Feet

Basemap Source: USGS Godwin, Tennessee Quadrangle Topographic Map
http://services.arcgisonline.com/arcgis/services/USA_Topo_Maps
© 2011 National Geographic Society, i-cubed

FIGURE 1
SITE LOCATION MAP
CARRIER-SYRACUSE CAMPUS
SYRACUSE, NEW YORK

REQUESTED BY: D. Wyatt	
DRAWN BY: dwyatt	
Date: 8/15/2011	
PROJECT NO: 0888808970	

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NASHVILLE, TN

X:\UTC\Syracuse\Carrier Campus\Projects\Figure 1 Site Vicinity Topo Map.mxd

Monitoring wells MW-12 and MW-15D were abandoned in 2011 as a result of campus redevelopment activities at Building TR-2. Monitoring well MW-12 was replaced on February 14, 2012 by monitoring well MW21 (approximately 250 feet east of pump house #2) and monitoring well MW22D was installed approximately 100 feet west of building TR-6 in order to assess potential groundwater impacts downgradient of the former Solid Waste Management Units (SWMUs) 1 through 4. This was done in lieu of replacing monitoring well MW-15D. NYSDEC was notified prior to well installation activities in a letter dated January 11, 2012. Monitoring well MW21 was installed in the shallow groundwater aquifer and completed to a depth of 14.31 feet below ground surface (bgs) with 10 feet of screen from 14.25 feet bgs to 4.25 feet bgs. Monitoring well MW22D was installed in the deep groundwater aquifer and completed to a depth of 54.60 feet bgs (bedrock refusal) with 10 feet of screen from 44.5 feet bgs to 54.5 feet bgs.

Additionally, monitoring well MW-5 was damaged beyond repair during the demolition activities and storm sewer system construction at Building TR-1; therefore, it was abandoned and replaced during the August Site-wide monitoring event. Monitoring well MW05R was installed approximately five feet west of MW-5 in the shallow groundwater aquifer and completed to a depth of 14.60 feet bgs with 10 feet of screen from 14.5 feet bgs to 4.5 feet bgs.

Prior groundwater monitoring reports have documented other well changes at the site.

2.0 GROUNDWATER MONITORING

Fifteen onsite groundwater monitoring wells were sampled in accordance with the revised Site-wide Groundwater Monitoring Plan (Figure 2). Samples were collected from all wells for analysis of volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (USEPA) SW-846 Method 8260 in accordance with the Site-Wide Groundwater Monitoring Plan. All samples were analyzed by Accutest Laboratories, in Dayton, New Jersey, a NYSDEC-approved analytical laboratory.

EnSafe personnel Shane Goodnight and Robbie Thomas collected the samples for laboratory analysis August 14 and August 15, 2012.

2.1 Potentiometric Data

Potentiometric data was collected in shallow and deep aquifer wells during the August 2012 Site-wide groundwater monitoring event. The depth to groundwater was measured using an electronic water-level indicator prior to purging of individual wells (Table 1). Groundwater depths were then used to calculate groundwater elevations, and shallow and deep potentiometric surface maps were constructed using the available measurements (Figure 3 and Figure 4, respectively). Potentiometric data indicates that groundwater generally flows northward at the Site towards Sanders Creek. Previous monitoring data also indicate flow in a northward direction, but with a stronger influence of the storm lines demonstrated from the additional data from up to 29 shallow piezometers. Despite the lack of piezometers, it is still believed that the storm water sewer system facilitates flow along the facility's main storm water trunk lines to the north.

The effect of the storm water trunk lines on the shallow groundwater flow has been well studied and previously documented in monitoring reports; therefore, it is proposed that to the extent practicable, all piezometers that can be located, be properly abandoned by removing the piezometer from the ground and filling the boring with hydrated bentonite within one foot of the ground surface. The upper one foot will then be completed with concrete, asphalt, or topsoil to match the surrounding materials. These actions will be performed during the next monitoring event in June 2013.

A summary of historical groundwater elevations for all existing and previously existing monitoring wells and piezometers is included in Appendix A.

Legend

Site Wells

- Deep Well
- Piezometer
- Abandoned Piezometer
- Shallow Well
- Shallow Well, Not Measured

Aerial Photographic Source:
NYS Office of Cyber Security & Critical Infrastructure Coordination
April 2009

FIGURE 2
GROUNDWATER MONITORING WELL NETWORK
CARRIER FACILITY, THOMPSON ROAD
SYRACUSE, NEW YORK

REQUESTED BY:	D. Wyatt
DRAWN BY:	D. Wyatt
DATE:	08/15/2011
PROJECT NO:	0888808970

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X:\UTC\Syracuse\TR-1 Sub-Slab Investigation\Projects

Table 1
Summary of Piezometer and Monitoring Well Groundwater Elevations

Well Number	Well Depth	Surface Elevation	Top of Casing Elevation	Well Screen Length	Riser Length	Well Screen Depth Interval	August 2012		June 2011		June 2010		June 2009		August 2007		May 2007		February 2007	
							Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation
MW-10 (MW-99-01)	15.82	40.41	39.66	10	4	4 to 14	9.15	31.26	6.71	32.95	7.01	32.65	6.81	32.85	7.32	32.34	6.70	32.96	7.03	32.63
MW-11 (MW-99-02)	16	41.52	40.82	10	6	6 to 16	NM	NM	8.40	32.42	NM	NM	8.34	32.48	8.21	32.61	7.34	33.48	8.56	32.26
MW-12 (MW-99-03)	16	39.62	38.82	10	6	6 to 16	AB	AB	AB	AB	8.76	30.06	8.79	30.03	10.07	28.75	8.92	29.90	9.20	29.62
MW-01*[1]	17.70	47.00	49.44	10	6.2	4 to 14	NM	NM	NM	NM	NM	NM	NM	NM	11.21	38.23	9.89	39.55	10.13	39.31
MW-3S*	14.32	41.53	43.13	10	5.2	3 to 13	7.12	34.41	6.61	36.52	6.89	36.24	6.88	36.25	7.09	36.04	6.74	36.39	7.10	36.03
MW-3D*	29.62	41.55	44.23	5	24.2	22 to 27	9.88	31.67	7.62	36.61	8.00	36.23	7.75	36.48	9.3	34.93	7.38	36.85	8.08	36.15
MW-05*[1]	13.01	33.40	32.92	10	7.2	5 to 15	AB	AB	1.11	31.81	1.00	31.92	0.45	32.47	4.31	28.61	3.71	29.21	4.54	28.38
MW-05R	14.60	Not Surveyed	Not Surveyed	10	4.6	4.5 to 14.5	4.38	Not Surveyed	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-06*[1]	16.88	42.60	44.80	10	7.2	5 to 15	12.10	30.50	10.76	34.04	11.51	33.29	11.3	33.50	12.62	32.18	11.25	33.55	11.71	33.09
MW-07*[1]	14.70	41.60	41.40	10	5	5 to 15	NM	NM	NM	NM	NM	NM	6.36	35.04	7.13	34.27	6.59	34.81	NM	NM
MW-08*[1]	14.78	42.90	42.59	10	5	5 to 15	NM	NM	5.31	37.28	5.28	37.31	5.44	37.15	5.86	36.73	2.24	40.35	NM	NM
MW-09*[1]	17.20	43.20	44.79	10	7.2	5 to 15	8.41	34.79	6.98	37.81	6.76	38.03	7.31	37.48	8.41	36.38	7.76	37.03	8.21	36.58
WE-06B[2]	5.50	43.55	42.50	1	4.5	4.5 to 5.5	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
WE-08[2]	8	43.10	42.88	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
WE-09[2]	8	41.99	41.89	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM	3.31	38.58	2.86	39.03	NM	NM
WE-12	8	42.67	42.96	1	7	7 to 8	NM	NM	NM	NM	NM	NM	4.82	38.14	6.89	36.07	4.87	38.09	NM	NM
WE-13	8	42.59	42.95	1	7	7 to 8	NM	NM	7.03	35.92	6.28	36.67	6.70	36.25	7.28	35.67	6.96	35.99	NM	NM
WE-14	8	42.53	43.13	1	7	7 to 8	NM	NM	6.21	36.92	5.02	38.11	6.21	36.92	7.09	36.04	6.35	36.78	NM	NM
WE-15	8	42.43	42.91	1	7	7 to 8	NM	NM	6.09	36.82	6.87	36.04	5.78	37.13	6.52	36.39	5.86	37.05	NM	NM
WE-16	8	42.49	43.06	1	7	7 to 8	NM	NM	5.29	37.77	5.58	37.48	5.81	37.25	7.21	35.85	5.11	37.95	NM	NM
WE-17	8	43.08	43.46	1	7	7 to 8	NM	NM	NM	NM	4.99	38.47	4.96	38.50	6.94	36.52	5.05	38.41	NM	NM
WE-18[2]	8	42.72	43.17	5	3	3 to 8	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
WE-19[2]	8	42.56	43.17	1	7	7 to 8	NM	NM	NM	NM	0.92	42.25	NM	NM	NM	NM	NM	NM	NM	NM
WE-23A[2]	8	42.19	42.10	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
WE-23B[2]	16	42.19	42.21	1	15	15 to 16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
WE-25	7.30	42.20	42.72	1	6.3	6.3 to 7.3	NM	NM	5.84	36.88	4.37	38.35	6.54	36.18	6.85	35.87	6.81	35.91	NM	NM
WE-27[2]	8	42.20	42.98	2	4	4 to 6	NM	NM	NM	NM	5.04	37.94	NM	NM	dry	42.98	dry	42.98	NM	NM
WE-29[2]	8	42.10	43.17	2	6	6 to 8	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SO-01[2]	9	45.24	45.37	1	8	8 to 9	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SO-02[2]	8	43.42	44.73	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SO-04A[2]	8	42.40	43.10	1	7	7 to 8	NM	NM	5.71	37.39	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SO-04B[2]	16	42.40	43.08	5	11	11 to 16	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.95	37.13	NM	NM
SO-05	8	42.52	42.64	1	7	7 to 8	NM	NM	6.82	35.82	6.96	35.68	6.96	35.68	7.17	35.47	5.56	37.08	NM	NM
EW-03	8.30	38.58	38.30	5	3.3	3.3 to 8.3	NM	NM	NM	NM	2.61	35.69	2.51	35.79	3.17	35.13	2.35	35.95	NM	NM
EW-04	10.75	42.30	43.41	5	5.35	5.75 to 10.75	NM	NM	NM	NM	7.64	35.77	7.74	35.67	7.97	35.44	7.7	35.71	NM	NM
EW-05[2]	10.70	42.60	42.60	5	5.7	5.7 to 10.7	NM	NM	NM	NM	6.37	36.23	NM	NM	NM	NM	NM	NM	NM	NM
EW-06[2]	10	42.50	43.14	5	5	5 to 10	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-07	10.75	41.80	41.45	5	5.75	5.75 to 10.75	NM	NM	NM	NM	NM	NM	6.77	34.68	9.67	31.78	6.73	34.72	NM	NM
EW-08[2]	8	38.40	38.13	5	3	3 to 8	NM	NM	NM	NM	NM	NM	NM	NM	3.90	34.23	3.9	34.23	NM	NM
EW-09	9.80	38.27	38.02	5	4.8	4.8 to 9.8	NM	NM	NM	NM	NM	NM	6.55	31.47	NM	NM	NM	NM	NM	NM
EW-10[2]	10.35	42.20	41.90	5	5.35	5.35 to 10.35	NM	NM	NM	NM	NM	NM	NM	NM	6.94	34.96	NM	NM	NM	NM
MW-13D (MW-99-04)	56.70	41.58	43.68	50	8.8	6.7 to 56.7	AB	AB	AB	AB	AB	AB	AB	AB	9.73	33.95	7.53	36.15	8.30	35.38
MW-13D2	55.11	41.58	41.30	10	45	45.09 to 55.09	7.97	33.61	5.41	35.89	4.90	36.40	5.60	35.70	NI	NI	NI	NI	NI	NI
MW-14 (MW-00-5S)	21.08	36.60	36.21	5	16.08	15.5 to 20.5	12.52	24.08	5.67	30.54	4.51	31.70	4.62	31.59	5.71	30.50	4.89	31.32	5.58	30.63
MW-14D (MW-00-5D)	51.10	36.70	36.37	10	41.1	31.5 to 41.5	5.68	31.02	0.00	36.37	0.00	36.37	0.0	36.37	0.0	36.37	0.04	36.33	1.92	34.45
MW-15D (MW-00-06)	33	41.20	40.88	10	23	23 to 33	AB	AB	AB	AB	3.89	36.99	3.53	37.35	5.49	35.39	3.11	37.77	3.88	37.00
MW-16D (MW-00-BG)	45.10	45.00	44.72	10	37.5	35 to 45	7.44	37.56	5.35	39.37	5.54	39.18	5.45	39.27	7.27	37.45	5.44	39.28	NM	NM
MW-17 (MW-01-07)	14.99	36.18	35.61	5	10	10.5-15.5	7.92	28.26	8.07	27.54	8.33	27.28	8.64	26.97	8.65	26.96	8.16	27.45	8.19	27.42
MW-18 (MW-01-08)	14.50	36.67	36.30	5	9.5	10.0-15.0	7.74	28.93	7.63	28.67	7.67	28.63	10.58	25.72	7.54	28.76	7.48	28.82	7.47	28.83
MW-19	16.70	42.20	41.88	10	6.7	6.7-16.7	10.48	31.72	7.02	34.86	7.74	34.14	7.47	34.41	8.66	33.22	7.39	34.49	7.89	33.99
MW-20	15.75	42.60	42.69	10	5	5.75-15.75	6.00	36.60	5.53	37.16	8.21	34.48	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	14.31	Not Surveyed	Not Surveyed	10	4.31	4.25-14.25	12.51	Not Surveyed	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-22D	54.60	Not Surveyed	Not Surveyed	10	44	44.5-54.5	11.38	Not Surveyed	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Notes:

* — These wells were installed during previous investigations conducted by other consulting firms.

[1] — Elevations for these wells were obtained from reports prepared by other consulting firms.

[2] — Piezometers were damaged or destroyed through snow removal activities, no longer exist, and cannot be measured.

TOC — Top of Casing

Elevations are referenced to the City of Syracuse Datum.

All depths, lengths, and elevations measured in feet.

Monitoring Wells are 2-inch diameter stainless steel or PVC.

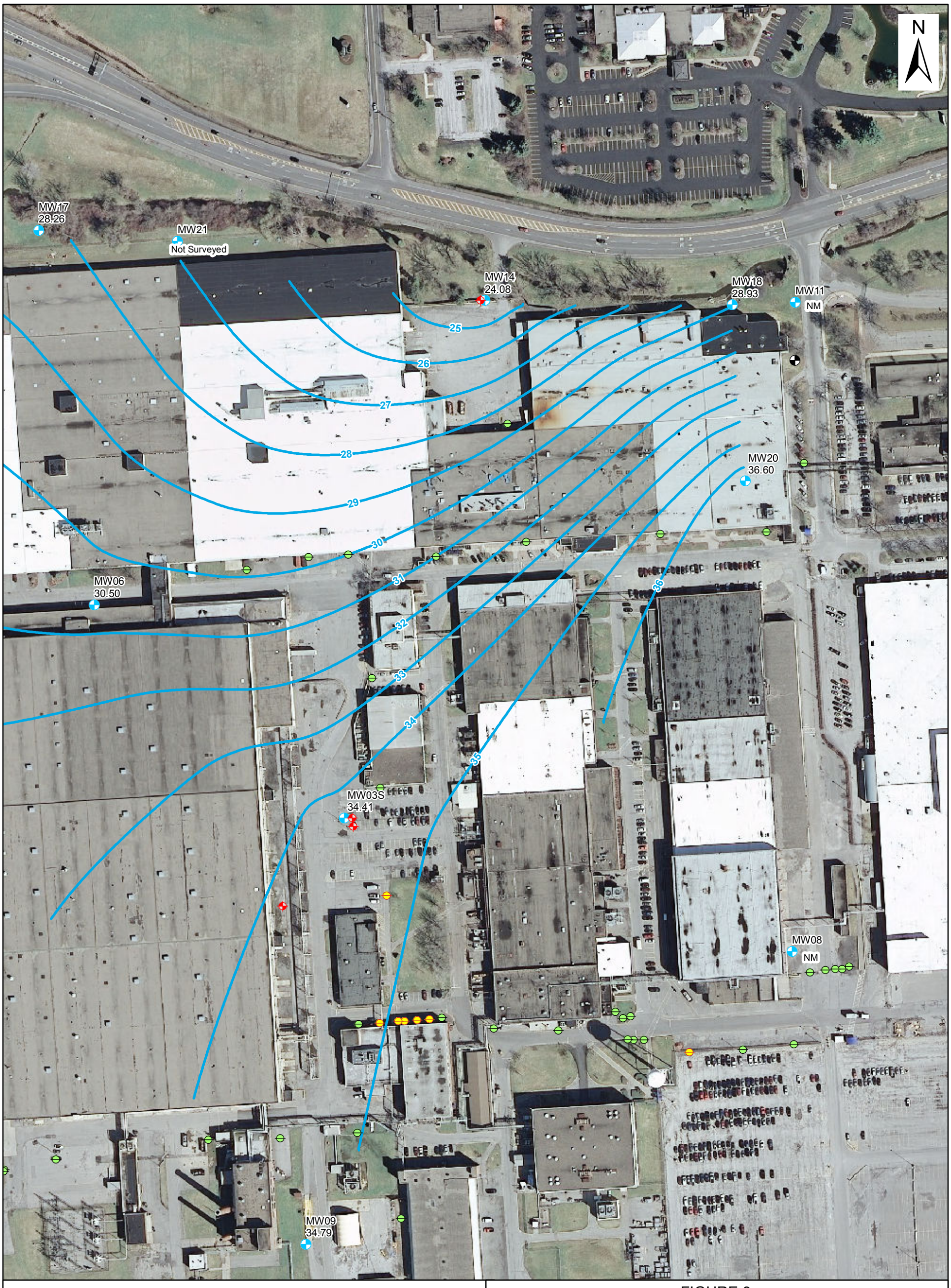
Piezometers are 1-inch diameter PVC.

NM — Not Measured

NI — Well not yet installed

AB — Abandoned

ENSAFE



Deep Well

Piezometer

Destroyed/Abandoned Piezometer

Shallow Well

NM Not Measured

Potentiometric Surface Contour

Inferred Potentiometric Surface Contour

Aerial Photographic Source: NYS Office of Cyber Security & Critical Infrastructure Coordination
Photo Date: April 2009
*Note: All units are in feet

0 90 180 270 360

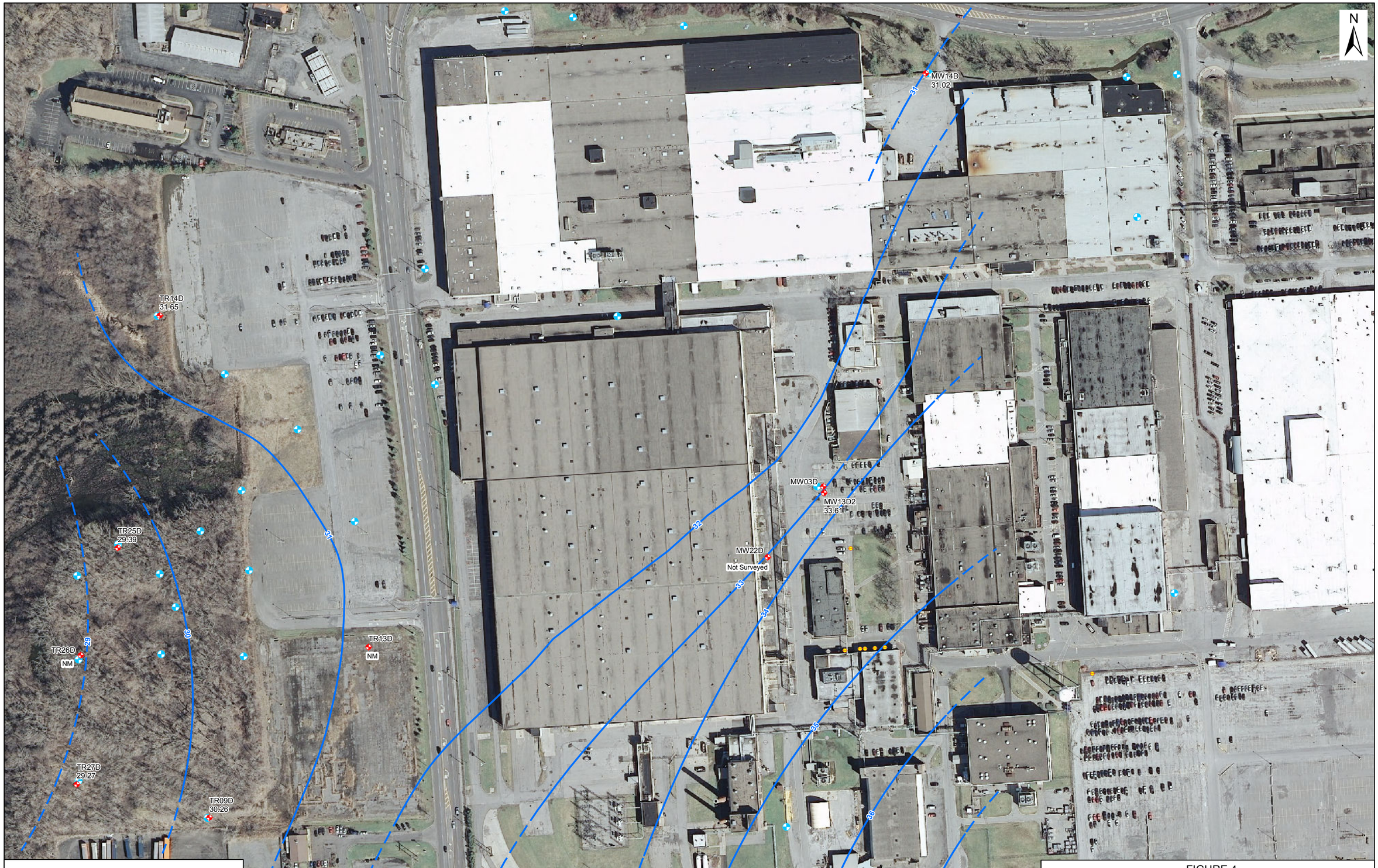
Feet

FIGURE 3
SHALLOW GROUNDWATER POTENTIOMETRIC SURFACE MAP
AUGUST 12, 2012
CARRIER FACILITY, THOMPSON ROAD
SYRACUSE, NEW YORK

REQUESTED BY: S. Goodnight	ENSAFE
DRAWN BY: N. Rinehart	
DATE: 11/27/2012	
PROJECT NO: 0888812466	

1-800-588-7962
WWW.ENSAFE.COM

X:\UTC\Syracuse\Carrier Campus\Projects\Figure 3 Shallow GW Pot Map August 2012.mxd



Legend

Aerial Photographic Source:
NYS Office of Cyber Security
& Critical Infrastructure Coordination
Photo Date: April 2009
*Note: All units are in feet

- Deep Well
- Piezometer
- Abandoned Piezometer
- Shallow Well
- NM Not Measured
- Potentiometric Surface Contour
- Inferred Potentiometric Surface Contour

FIGURE 4
DEEP GROUNDWATER
POTENTIOMETRIC SURFACE MAP
AUGUST 12, 2012
CARRIER FACILITY, THOMPSON ROAD
SYRACUSE, NEW YORK

REQUESTED BY: S. Goodnight	ENSAFE
DRAWN BY: N. Rinehart	
DATE: 12/4/2012	
PROJECT NO: 0888812466	

1-800-588-7962
WWW.ENSAFE.COM

X:\UTC\Syracuse\Carrier Campus\Projects\Figure 4 Deep GW Pot Map August 2012.mxd

To better evaluate deep groundwater flow across the Site, water level measurements from deep wells at the Thompson Road Parking Lot Area (TR9D, TR14D, TR25D, and TR26D), which are also constructed with 10-foot well screens installed immediately above the bedrock surface, were used to supplement the data from the on-site deep monitoring wells (MW-14D, MW-13D2, MW-16D, and MW22D) that are part of the Site-wide groundwater monitoring program (Table 2). Deep wells TR13D and TR27D, located at the Thompson Road Parking Lot Area, could not be opened during the August 2012 monitoring event due to inoperable locks (exposure). The inoperable locks will be removed and replaced during the next monitoring event. Deep potentiometric surface data collected during the August 2012 event indicates that deep groundwater flows in a west-northwesterly direction (Figure 4), similar to the groundwater flow patterns observed during the 2009 and 2010 groundwater monitoring events which depicted groundwater flows in a westerly direction. Deep groundwater flow appears to follow the deepening overburden bedrock interface toward the west.

2.2 Sampling Activities

After collecting depth-to-groundwater measurements, each well was purged using low flow sampling techniques. During purging, water quality parameters (pH, conductivity, temperature, turbidity, dissolved oxygen, and oxygen-reduction potential) were recorded using a Horiba U-22. Purge water quality measurements are tabulated on well purging records in Appendix B. Each of the shallow monitoring wells was purged using a peristaltic pump and sampled using the straw method. The five deep wells (MW-3D, MW-14D, MW-13D2, MW-16D, and MW-22D) were purged using an electronic submersible pump. Samples were collected in laboratory-supplied 40-milliliter glass vials from 15 onsite wells and analyzed for VOCs using USEPA SW-846 Method 8260.

While collecting the water level measurement at MW20 during the August 2012 Site-wide monitoring event, an oil-like substance was observed on the water level indicator. The same oil-like substance (free-phase) was observed on the dedicated polyethylene tubing when it was removed from monitoring well MW20 prior to sampling; this tubing was decontaminated and disposed of. After gauging, a polyethylene disposable bailer was lowered into the monitoring well to observe any measureable thickness of the substance, and the bailer contained approximately 0.1 inches of free-phase product along with sheen and small oil globules. To determine whether additional free-phase product would enter the well, three well volumes (approximately 5 gallons) of water were evacuated from MW20, and the monitoring well was allowed to recharge. A new polyethylene bailer was used to check for additional free-phase product on the water column and no free-phase product or sheen was observed. A groundwater sample was obtained with a new polyethylene disposable bailer and poured directly into the appropriate laboratory supplied containers.

Table 2
AOC G Groundwater Elevation Data

Well ID	Date Measured	TOC Elevation	DTW BTOC	Groundwater Elevation	Groundwater Elev. SYR Datum
Deep Groundwater Zone					
TR09D	6/27/2011	410.80	16.01	394.79	32.79
	8/15/2012		18.54	392.26	30.26
TR13D	6/27/2011	405.40	12.00	393.40	31.40
	8/15/2012		NM	NM	
TR14D	6/27/2011	404.24	7.78	396.46	34.46
	8/15/2012		10.59	393.65	31.65
TR25D	6/27/2011	406.62	12.59	394.03	32.03
	8/15/2012		15.23	391.39	29.39
TR26D	6/27/2011	410.42	16.52	393.90	31.90
	8/15/2012		NM	NM	
TR27D	6/27/2011	412.84	19.14	393.70	31.70
	8/15/2012		21.57	391.27	29.27

Notes:

TOC = Top of Casing Elevation Datum

DTW = Depth to Water Below Top of Casing

NM = Not Measured due to inaccessibility

After all samples were collected, they were shipped to an offsite laboratory (Accutest Laboratories, in Dayton, New Jersey) via overnight courier using chain-of-custody procedures. All samples arrived intact and below the 4℃ maximum temperature.

2.3 Groundwater Sampling Results

Laboratory analytical results (Appendix C) for the August 2012 Site-wide monitoring event indicated exceedances of NYSDEC Standards in groundwater samples from five of the fifteen monitoring wells sampled— MW3D, MW3S, MW09, MW18, and MW20. While groundwater is not used as a potable water source at the facility or within the immediate surrounding vicinity, NYSDEC drinking water limits have been established as the comparative standard for the Carrier Thompson Road facility. Laboratory analytical results for monitoring wells sampled during the February 2007 through the August 2012 Site-wide monitoring events are summarized in Table 3. A complete summary of historical laboratory analytical results for all existing and previously existing monitoring locations is included in Appendix D.

The August 2012 laboratory analytical results indicated select VOC constituent concentrations decreased in monitoring wells MW3S and MW20 relative to results from the previous Site-wide monitoring event (June 2011). General decreasing trends in VOC concentrations at monitoring well MW3S reflect a continuation of a long-term trend, while a similar decreasing trend at MW20 reflects a trend of shorter duration, as the well was installed in 2010.

At monitoring well MW-20, where free-phase product was observed, laboratory analyses for groundwater samples obtained from the monitoring well to date have not yielded detections of VOCs typically associated with petroleum contamination.

The August 2012 laboratory analytical results yielded an increase in select VOC parameter concentrations in monitoring wells MW3D, MW09, and MW18. Monitoring well MW3D yielded an increase in groundwater cis-1,2-dichloroethylene (cis-1,2-DCE) concentration (from 6.8 to 13.7 micrograms per liter [µg/L]) was observed compared with the previous monitoring event. Although the 2012 concentration is an increase from the previous event, it is within the observed historical concentration range (approximately 10 µg/L to 24 µg/L) and below the calculated historical average of 17.6 µg/L. Laboratory analytical results for the August 2012 event also yielded an increase in groundwater 1,1-dichloroethane (1,1-DCA) (1.5 µg/L); cis-1,2-DCE (1.6 µg/L); 1,1,1-trichloroethene (1,1,1-TCA) (3.3 µg/L); and trichloroethene (TCE) (5.1 µg/L) concentrations for a sample collected from monitoring well MW09 compared to the June 2011 monitoring event (0.80 µg/L, 0.47 µg/L, 3.3 µg/L, and 3.6 µg/L respectively). Only the TCE concentration (5.1 µg/L) exceeded the NYSDEC Standard (5

µg/L). Although the 2012 concentration is an increase from the previous monitoring event, it is within the observed historical concentration range (2.8 µg/L to 9.1 µg/L) and below the calculated historical average of 5.9 µg/L.

Additionally, the August 2012 Site-wide monitoring event laboratory analytical results for a sample obtained from monitoring well MW18 yielded increases in groundwater concentrations of 1,1-DCA (3.3 µg/L); 1,1-dichloroethylene (1,1-DCE) (7.5 µg/L); cis-1,2-DCE (1,560 µg/L); TCE (241 µg/L); and vinyl chloride (VC) (368 µg/L) compared to the June 2011 monitoring event (0.62 µg/L, 4.9 µg/L, 1,020 µg/L, 73.4 µg/L, and 89.5 µg/L respectively). While compared the June 2011 monitoring event, concentrations of the above listed analytes have increased, however, long-term trends indicate an overall decrease in concentrations over time, and even though these analytes still exceed their respective NYSDEC standard, each are within their respective observed historical ranges. The August 2012 groundwater concentration of trans-1,2-dichloroethylene (trans-1,2-DCE) (6.2 µg/L) for the monitoring well MW18 sample was an observed decrease compared to the June 2011 monitoring event (8.2 µg/L).

A review of historical laboratory analytical results for the groundwater monitoring network at the Site indicates a consistent lack of VOC detections in deep groundwater monitoring wells (i.e., screened just above the bedrock interface), and for those shallow monitoring wells impacted by VOCs, historical concentrations yield an overall long-term decreasing trend and/or generally stable results. This trend is demonstrated in graphs for the impacted shallow monitoring wells which depict select VOC constituent concentrations versus time (Appendix E).

Table 3
Groundwater Analytical Results
Carrier Thompson Rd. Facility
2007 - 2012

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-03D	CARGMW3D08	2/12/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	**9.4**	ND	ND	ND	ND	ND	ND	ND
	CARGMW3D09	5/8/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	**5.5**	ND	ND	ND	ND	ND	ND	ND
	CARGMW3010	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	**5**	ND	ND	ND	ND	ND	0.77 J	ND
	ENSTHMPMW3D0609	6/29/2009	ND	ND	ND	ND	0.49 J	ND	ND	NA	ND	**14.7**	ND	ND	ND	ND	ND	**2.0**	ND
	CARGMW3D0610	6/30/2010	ND	ND	ND	ND	0.43 J	ND	ND	NA	ND	**15.2**	ND	ND	ND	ND	ND	**1.6**	ND
(Duplicate)	CARHMW3D0610	6/30/2010	ND	ND	ND	ND	0.75 J	ND	ND	NA	0.40 J	**24.2**	ND	ND	ND	ND	ND	**2.8**	ND
	CARGMW3D0611	6/28/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	**6.8**	ND	ND	ND	ND	ND	ND	ND
	CARGMW3D0812	8/15/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	**13.7**	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARHMW3D0812	8/15/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	**10.4**	ND	ND	ND	ND	ND	ND	ND
MW-03S	CARGMW3S08	2/12/2007	ND	ND	ND	ND	**47.8**	ND	**11.7**	NA	**11.3**	**1,420**[a]	ND	ND	ND	1.9 J	ND	**154**	ND
	CARGMW3509	5/8/2007	ND	ND	ND	ND	**59.6**	ND	**15.0**	NA	**9.0**	**2,130** [a]	ND	ND	ND	2.4 J	ND	**221**	ND
	CARGMW3510	8/21/2007	ND	ND	ND	ND	**45.1**	ND	ND	NA	ND	**1,940**	ND	ND	ND	ND	ND	**188**	ND
	ENSTHMPMW3S0609	6/29/2009	ND	ND	ND	ND	**35.2**	ND	9.4 J	NA	ND	**1,450**	ND	ND	ND	ND	ND	**154**	ND
	CARGMW3S0610	6/30/2010	ND	ND	ND	ND	**57.4**	ND	**17.1**	NA	**26.8**	**2,040**	ND	ND	ND	**2.0**	ND	**197**	ND
	CARGMW3S0611	6/28/2011	ND	ND	ND	ND	**59.3**	ND	**14.3**	NA	**26.5**	**1,970** [a]	ND	ND	ND	**2.1**	ND	**168**	ND
	CARGMW350812	8/14/2012	ND	ND	ND	ND	**26.3**	NA	**6.5**	NA	ND	**833 a**	ND	ND	ND	ND	ND	**104**	ND
MW-05	CARGMW0508	2/13/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0509	5/8/2007	ND	ND	0.66 J	ND	ND	ND	ND	NA	ND	0.24 J	ND	ND	ND	ND	ND	ND	ND
	CARGMW0510	8/21/2007	ND	ND	0.66 J	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW050609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW050610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW050611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05R	CARGMW05R0812	8/15/2012	9.9	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-06	CARGMW0608	2/12/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**0.48**	ND	ND	ND
	CARGMW0609	5/8/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0610	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.5**	ND	ND	ND
	ENSTHMPMW060609	6/28/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	0.52 J	ND	ND	ND
	CARGMW060610	6/30/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**2.2**	ND	ND	ND
	CARGMW060611	6/28/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW060812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-09	CARGMW0908	2/12/2007	ND	ND	ND	ND	**0.91**	ND	ND	NA	ND	**1.2**	**2.9**	ND	ND	**3.8**	ND	ND	ND
	CARGMW0909	5/8/2007	ND	ND	ND	ND	**1.1**	ND	ND	NA	ND	**1.3**	**2.8**	ND	ND	**4.6**	0.32 J	ND	ND
	CARGMW0910	8/21/2007	ND	ND	ND	ND	**2.1**	ND	ND	NA	ND	**2.3**	**6.4**	ND	ND	**7.9**	ND	ND	ND
	ENSTHMPMW090609	6/28/2009	ND	ND	ND	ND	0.89 J	ND	ND	NA	ND	0.79 J	**2.5**	ND	ND	**4.2**	ND	ND	ND
	CARGMW090610	6/30/2010	ND	ND	ND	ND	**1.3**	ND	ND	NA	ND	**1.1**	**2.5**	ND	ND	**4.9**	ND	ND	ND
	CARGMW090611	6/28/2011	ND	ND	ND	ND	0.80 J	ND	ND	NA	ND	0.47 J	**1.6**	ND	ND	**3.6**	ND	ND	ND
	CARGMW090812	8/15/2012	ND	ND	ND	ND	**1.5**	ND	ND	NA	ND	**1.6**	**3.3**	ND	ND	**5.1**	ND	ND	ND
MW-10	CARGMW1008	2/12/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARHMW1008	2/12/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1009	5/8/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1010	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW100609	6/28/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW100610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW100611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW100812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	**4.4**
MW-13D2	ENSTHMPMW13D20609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.61 J	ND	ND	ND	ND	ND	ND	ND
Duplicate	ENSTHMPDUP10609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.54 J	ND	ND	ND	ND	ND	ND	ND
	MW-13D2	9/9/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	**1.6**	ND	ND	ND	ND	ND	ND	ND
	CARGMW13D20210	2/17/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	**2.4**	ND	ND	ND	ND	ND	ND	ND
	CARGMW13D20310	3/24/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW13D20610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW13D20611	6/28/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW13D0812	8/15/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW14	CARGMW1408	2/13/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1409	5/8/2007	ND	ND	ND	ND	ND	0.27 J	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1410	8/22/2007	ND	ND	ND	ND	0.32 J	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	0.71 J	ND
	ENSTHMPMW140609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW140610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW140611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW140812	8/15/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Table 3
Groundwater Analytical Results
Carrier Thompson Rd. Facility
2007 - 2012

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW14D	CARGMW14D08	2/14/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARGMW14D08	2/14/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D09	5/9/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14010	8/22/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW14D0609	6/26/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D0610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D0611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D0812	8/15/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-16D	CARGMW16D08*	2/14/2007	NS	NS	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS	NS	NS	NS
	CARGMW16D09	5/9/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARHMW16D09	5/9/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16010	8/22/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW16D0609	6/28/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D0610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D0611	6/28/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D0812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-17	CARGMW1708	2/13/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1709	5/8/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1710	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW170609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW170610	7/1/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW170611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW170812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-18	CARGMW1808	2/13/2007	ND	ND	ND	ND	5.0 J	ND	9.9 J	NA	9.1 J	**2,280**[a]	ND	ND	ND	**211**	ND	**456**	ND
	CARGMW1809	5/8/2007	ND	ND	ND	ND	3.6 J	ND	**7.0**	NA	**7.4**	**1,790** [a]	ND	ND	ND	**57.1**	ND	**776**	ND
	CARGMW1810	8/22/2007	ND	ND	ND	ND	ND	ND	ND	NA	25.0 J	**8,770**	ND	ND	ND	ND	ND	**2,530**	ND
(Duplicate)	CARHMW1810	8/22/2007	ND	ND	ND	ND	ND	ND	ND	NA	25.0 J	**8,970**	ND	ND	ND	ND	ND	**2,610**	ND
	ENSTHMPMW180609	6/29/2009	ND	ND	ND	ND	ND	ND	0.96 J	NA	**1.3**	**221 a**	ND	ND	ND	**36.4**	ND	**4.8**	ND
	CARGMW180610	6/30/2010	ND	ND	ND	ND	ND	ND	**4.2**	NA	**7.5**	**789 a**	ND	ND	ND	**93.1**	ND	**71.4**	ND
	CARGMW180611	6/28/2011	ND	ND	ND	ND	0.62 J	ND	**4.9**	NA	**8.2**	**1,020 a**	ND	ND	ND	**73.4**	ND	**89.5**	ND
	CARGMW180812	8/15/2012	ND	ND	ND	ND	**3.3**	ND	**7.5**	ND	**6.2**	**1,560 a**	ND	ND	ND	**241**	ND	**368**	ND
MW-19	CARGMW1908	2/12/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.2**	ND	ND	ND
	CARGMW1909	5/8/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.2**	ND	ND	ND
	CARGMW1910	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.7**	ND	ND	ND
(Duplicate)	CARHMW1910	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.8**	ND	ND	ND
	ENSTHMPMW190609	6/28/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	0.83 J	ND	ND	ND
	CARGMW190610	6/30/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	0.79 J	ND	ND	ND
	CARGMW190611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.2**	ND	ND	ND
	CARHMW190611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.2**	ND	ND	ND
	CARGMW190812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-20	CARGMW200610	7/1/2010	ND	ND	ND	ND	**6,610**	ND	**1,540**	NA	**103**	**5,530**	**49.1 J**	**20.5 J**	ND	**8,710**	ND	**1,010**	ND
	CARGMW200910	9/29/2010	ND	ND	ND	ND	**3,290**	5.7 J	**450**	NA	**58.8**	**3,380**	**34.6**	**17.5**	ND	**4,900**	7.1 J	**467**	ND
	CARGMW201210	1/10/2011	ND	ND	ND	ND	**5,140**	ND	**541**	NA	**99**	**6,840**	**53.5**	**24.8 J**	ND	**3,870**	ND	**759**	ND
	CARGMW200311	3/31/2011	ND	ND	ND	ND	**6,110**	12.9 J	**589**	NA	**135**	**7,490**	**60.3**	**37.8**	ND	**3,010**	10.5 J	**1,130**	ND
	CARGMW200610	6/29/2011	ND	ND	ND	1.1 J	**1,880 a**	**3.6**	**170**	NA	**42.4**	**1,640 a**	**16.2**	**11.2**	ND	**694 a**	**2.6**	**349**	ND
	CARGMW200812	8/15/2012	ND	ND	ND	1.5	**893 a**	ND	**153**	NA	**32.4**	**487 a**	**9.2**	**5.1**	ND	**243**	**2.0**	**285**	ND
MW-21	CARGMW210812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-22D	CARGMW22D0812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

G — New York State Guidance Value
ND — Not detected above method detection limits
NA — Not Analyzed
NS — Not Samplesd as part of the Site-Wide Monitoring Plan
mg/L — milligrams per liter
µg/L — micrograms per liter

Detections highlighted in **BOLD**
J value indicates concentration is estimated and is below method detection limits.
a indicates diluted sample results.
E indicates concentration exceeds calibration range of the instrument.
* denotes that well has been abandoned

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3.0 CONCLUSIONS AND FUTURE MONITORING ACTIVITIES

The August 2012 Site-wide monitoring event indicates groundwater flow directions are generally consistent with historic flow directions. Potentiometric data indicates that shallow groundwater generally flows northward at the Site towards Sanders Creek. Previous monitoring events indicate a northward direction of shallow groundwater strongly influenced by the storm water sewer system. Potentiometric data indicates that deep groundwater generally flows in a west-northwesterly direction at the Site, similar to recent flow patterns observed at the Site. Deep groundwater flow appears to follow the deepening overburden bedrock interface towards the west.

Monitoring wells MW-12 and MW-15D were abandoned as a result of the site's redevelopment activities at Building TR-2. Monitoring well MW-12 was replaced on February 14, 2012, by monitoring well MW21 and monitoring well MW22D was installed to assess potential groundwater impacts downgradient of the former SWMUs 1 through 4 in lieu of replacing monitoring well MW-15D. These monitoring wells were installed on February 14 and 15, 2012. Additionally, monitoring well MW-5 was damaged beyond repair during the redevelopment activities at Building TR-1; it was abandoned and replaced on August 13, 2012, by monitoring well MW05R.

Due to the long-term documentation and understanding of groundwater flow patterns in the shallow aquifer at the Site, EnSafe proposes that all piezometers that can be located be properly abandoned.

Laboratory analytical results for the August 2012 Site-wide monitoring resampling event indicated exceedances of NYSDEC Standards in groundwater samples from five of the fifteen monitoring wells sampled— MW3D, MW3S, MW09, MW18, and MW20. The August 2012 laboratory analytical results indicated that VOC concentrations decreased in monitoring wells MW3S and MW20 relative to results from the previous Site-wide monitoring event (June 2011). General decreasing trends in VOC concentrations at both monitoring well MW3S and MW20 reflect a continuation of this previously observed trend. Although the 2012 concentrations for select analytes in monitoring wells MW3D, MW18, and MW09 increased relative to the previous monitoring event, each of the detected VOC concentrations are within the observed historical concentration range, below their respective calculated historical averages, and consistent with observed long-term decreasing trends for each monitoring location.

A review of historical laboratory analytical results for the groundwater monitoring network at the Site indicates a consistent lack of VOC detections in deep groundwater aquifer monitoring wells (i.e.,

screened just above the bedrock interface), and for those shallow monitoring wells impacted by VOCs, historical concentrations yield an overall long-term decreasing trend and/or generally stable results.

Approximately 0.1 inches of free-phase product along with sheen and small oil globules was observed in groundwater obtained from monitoring well MW20. No additional free-phase product or sheen was observed after purging. To date, laboratory analyses for groundwater samples obtained from monitoring well MW20 have not yielded detections of VOCs typically associated with petroleum contamination. The well will continue to be monitored and any significant changes will be documented in future monitoring reports.

Appendix A
Historical Groundwater Elevation Summary

Historical Summary of Piezometer and Monitoring Well Groundwater Elevations

Well Number	Well Depth	Surface Elevation	Top of Casing Elevation	Well Screen Length	Riser Length	Well Screen Depth Interval	August 2012		June 2011		June 2010		June 2009	
							Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation
MW-10 (MW-99-	15.82	40.41	39.66	10	4	4 to 14	9.15	31.26	6.71	32.95	7.01	32.65	6.81	32.85
MW-11 (MW-99-	16	41.52	40.82	10	6	6 to 16	NM	NM	8.40	32.42	NM	NM	8.34	32.48
MW-12 (MW-99-	16	39.62	38.82	10	6	6 to 16	AB	AB	AB	AB	8.76	30.06	8.79	30.03
MW-01*[1]	17.70	47.00	49.44	10	6.2	4 to 14	NM	NM	NM	NM	NM	NM	NM	NM
MW-3S*	14.32	41.53	43.13	10	5.2	3 to 13	7.12	34.41	6.61	36.52	6.89	36.24	6.88	36.25
MW-3D*	29.62	41.55	44.23	5	24.2	22 to 27	9.88	31.67	7.62	36.61	8.00	36.23	7.75	36.48
MW-05*[1]	13.01	33.40	32.92	10	7.2	5 to 15	AB	AB	1.11	31.81	1.00	31.92	0.45	32.47
MW-05R	14.60	Not Surveyed	Not Surveyed	10	4.6	4.5 to 14.5	4.38	Not Surveyed	NI	NI	NI	NI	NI	NI
MW-06*[1]	16.88	42.60	44.80	10	7.2	5 to 15	12.10	30.50	10.76	34.04	11.51	33.29	11.3	33.50
MW-07*[1]	14.70	41.60	41.40	10	5	5 to 15	NM	NM	NM	NM	NM	NM	6.36	35.04
MW-08*[1]	14.78	42.90	42.59	10	5	5 to 15	NM	NM	5.31	37.28	5.28	37.31	5.44	37.15
MW-09*[1]	17.20	43.20	44.79	10	7.2	5 to 15	8.41	34.79	6.98	37.81	6.76	38.03	7.31	37.48
WE-06B[2]	5.50	43.55	42.50	1	4.5	4.5 to 5.5	NM	NM	NM	NM	NM	NM	NM	NM
WE-08[2]	8	43.10	42.88	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM
WE-09[2]	8	41.99	41.89	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM
WE-12	8	42.67	42.96	1	7	7 to 8	NM	NM	NM	NM	NM	NM	4.82	38.14
WE-13	8	42.59	42.95	1	7	7 to 8	NM	NM	7.03	35.92	6.28	36.67	6.70	36.25
WE-14	8	42.53	43.13	1	7	7 to 8	NM	NM	6.21	36.92	5.02	38.11	6.21	36.92
WE-15	8	42.43	42.91	1	7	7 to 8	NM	NM	6.09	36.82	6.87	36.04	5.78	37.13
WE-16	8	42.49	43.06	1	7	7 to 8	NM	NM	5.29	37.77	5.58	37.48	5.81	37.25
WE-17	8	43.08	43.46	1	7	7 to 8	NM	NM	NM	NM	4.99	38.47	4.96	38.50
WE-18[2]	8	42.72	43.17	5	3	3 to 8	NM	NM	NM	NM	NM	NM	NM	NM
WE-19[2]	8	42.56	43.17	1	7	7 to 8	NM	NM	NM	NM	0.92	42.25	NM	NM
WE-23A[2]	8	42.19	42.10	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM
WE-23B[2]	16	42.19	42.21	1	15	15 to 16	NM	NM	NM	NM	NM	NM	NM	NM
WE-25	7.30	42.20	42.72	1	6.3	6.3 to 7.3	NM	NM	5.84	36.88	4.37	38.35	6.54	36.18
WE-27[2]	8	42.20	42.98	2	4	4 to 6	NM	NM	NM	NM	5.04	37.94	NM	NM
WE-29[2]	8	42.10	43.17	2	6	6 to 8	NM	NM	NM	NM	NM	NM	NM	NM
SO-01[2]	9	45.24	45.37	1	8	8 to 9	NM	NM	NM	NM	NM	NM	NM	NM
SO-02[2]	8	43.42	44.73	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM
SO-04A[2]	8	42.40	43.10	1	7	7 to 8	NM	NM	5.71	37.39	NM	NM	NM	NM
SO-04B[2]	16	42.40	43.08	5	11	11 to 16	NM	NM	NM	NM	NM	NM	NM	NM
SO-05	8	42.52	42.64	1	7	7 to 8	NM	NM	6.82	35.82	6.96	35.68	6.96	35.68
EW-03	8.30	38.58	38.30	5	3.3	3.3 to 8.3	NM	NM	NM	NM	2.61	35.69	2.51	35.79
EW-04	10.75	42.30	43.41	5	5.35	5.35 to 10.75	NM	NM	NM	NM	7.64	35.77	7.74	35.67
EW-05[2]	10.70	42.60	42.60	5	5.7	5.7 to 10.7	NM	NM	NM	NM	6.37	36.23	NM	NM
EW-06[2]	10	42.50	43.14	5	5	5 to 10	NM	NM	NM	NM	NM	NM	NM	NM
EW-07	10.75	41.80	41.45	5	5.75	5.75 to 10.75	NM	NM	NM	NM	NM	NM	6.77	34.68
EW-08[2]	8	38.40	38.13	5	3	3 to 8	NM	NM	NM	NM	NM	NM	NM	NM
EW-09	9.80	38.27	38.02	5	4.8	4.8 to 9.8	NM	NM	NM	NM	NM	NM	6.55	31.47
EW-10[2]	10.35	42.20	41.90	5	5.35	5.35 to 10.35	NM	NM	NM	NM	NM	NM	NM	NM
MW-13D (MW-99-	56.70	41.58	43.68	50	8.8	6.7 to 56.7	AB	AB	AB	AB	AB	AB	AB	AB
MW-13D2	55.11	41.58	41.30	10	45	45.09 to 55.09	7.97	33.61	5.41	35.89	4.90	36.40	5.60	35.70
MW-14 (MW-00-	21.08	36.60	36.21	5	16.08	15.5 to 20.5	12.52	24.08	5.67	30.54	4.51	31.70	4.62	31.59
MW-14D (MW-00-	51.10	36.70	36.37	10	41.1	31.5 to 41.5	5.68	31.02	0.00	36.37	0.00	36.37	0.0	36.37
MW-15D (MW-00-	33	41.20	40.88	10	23	23 to 33	AB	AB	AB	AB	3.89	36.99	3.53	37.35
MW-16D (MW-00-	45.10	45.00	44.72	10	37.5	35 to 45	7.44	37.56	5.35	39.37	5.54	39.18	5.45	39.27
MW-17 (MW-01-	14.99	36.18	35.61	5	10	10.5-15.5	7.92	28.26	8.07	27.54	8.33	27.28	8.64	26.97
MW-18 (MW-01-	14.50	36.67	36.30	5	9.5	10.0-15.0	7.74	28.93	7.63	28.67	7.67	28.63	10.58	25.72
MW-19	16.70	42.20	41.88	10	6.7	6.7-16.7	10.48	31.72	7.02	34.86	7.74	34.14	7.47	34.41
MW-20	15.75	42.60	42.69	10	5	5.75-15.75	6.00	36.60	5.53	37.16	8.21	34.48	NI	NI
MW-21	14.31	Not Surveyed	Not Surveyed	10	4.31	4.25-14.25	12.51	Not Surveyed	NI	NI	NI	NI	NI	NI
MW-22D	54.60	Not Surveyed	Not Surveyed	10	44	44.5-54.5	11.38	Not Surveyed	NI	NI	NI	NI	NI	NI

Notes:

* — These wells were installed during previous investigations conducted by other consulting firms.

[1] — Elevations for these wells were obtained from reports prepared by other consulting firms.

[2] — Piezometers were damaged or destroyed through snow removal activities, no longer exist, and cannot be measured.

TOC — Top of Casing

Elevations are referenced to the City of Syracuse Datum.

All depths, lengths, and elevations measured in feet.

Monitoring Wells are 2-inch diameter stainless stee and PVC.

Piezometers are 1-inch diameter PVC.

NM — Not Measured

NI — Well not yet installed

AB — Abandoned

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Historical Summary of Piezometer and Monitoring Well Groundwater Elevations

Well Number	Well Depth	Surface Elevation	Top of Casing Elevation	Well Screen Length	Riser Length	Well Screen Depth Interval	August 2007		May 2007		February 2007		November 2006	
							Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation
MW-10 (MW-99-	15.82	40.41	39.66	10	4	4 to 14	7.32	32.34	6.70	32.96	7.03	32.63	6.85	32.81
MW-11 (MW-99-	16	41.52	40.82	10	6	6 to 16	8.21	32.61	7.34	33.48	8.56	32.26	8.13	32.69
MW-12 (MW-99-	16	39.62	38.82	10	6	6 to 16	10.07	28.75	8.92	29.90	9.20	29.62	8.84	29.98
MW-01*[1]	17.70	47.00	49.44	10	6.2	4 to 14	11.21	38.23	9.89	39.55	10.13	39.31	9.67	39.77
MW-3S*	14.32	41.53	43.13	10	5.2	3 to 13	7.09	36.04	6.74	36.39	7.10	36.03	6.91	36.22
MW-3D*	29.62	41.55	44.23	5	24.2	22 to 27	9.3	34.93	7.38	36.85	8.08	36.15	7.80	36.43
MW-05*[1]	13.01	33.40	32.92	10	7.2	5 to 15	4.31	28.61	3.71	29.21	4.54	28.38	3.76	31.94
MW-05R	14.60	Not Surveyed	Not Surveyed	10	4.6	4.5 to 14.5	NI	NI	NI	NI	NI	NI	NI	NI
MW-06*[1]	16.88	42.60	44.80	10	7.2	5 to 15	12.62	32.18	11.25	33.55	11.71	33.09	11.31	33.49
MW-07*[1]	14.70	41.60	41.40	10	5	5 to 15	7.13	34.27	6.59	34.81	NM	NM	6.74	34.66
MW-08*[1]	14.78	42.90	42.59	10	5	5 to 15	5.86	36.73	2.24	40.35	NM	NM	5.66	36.93
MW-09*[1]	17.20	43.20	44.79	10	7.2	5 to 15	8.41	36.38	7.76	37.03	8.21	36.58	7.55	37.24
WE-06B[2]	5.50	43.55	42.50	1	4.5	4.5 to 5.5	NM	NM	NM	NM	NM	NM	NM	NM
WE-08[2]	8	43.10	42.88	1	7	7 to 8	NM	NM	NM	NM	NM	NM	0.66	42.22
WE-09[2]	8	41.99	41.89	1	7	7 to 8	3.31	38.58	2.86	39.03	NM	NM	2.88	39.01
WE-12	8	42.67	42.96	1	7	7 to 8	6.89	36.07	4.87	38.09	NM	NM	5.33	37.63
WE-13	8	42.59	42.95	1	7	7 to 8	7.28	35.67	6.96	35.99	NM	NM	6.24	36.71
WE-14	8	42.53	43.13	1	7	7 to 8	7.09	36.04	6.35	36.78	NM	NM	6.48	36.65
WE-15	8	42.43	42.91	1	7	7 to 8	6.52	36.39	5.86	37.05	NM	NM	6.10	36.81
WE-16	8	42.49	43.06	1	7	7 to 8	7.21	35.85	5.11	37.95	NM	NM	5.53	37.53
WE-17	8	43.08	43.46	1	7	7 to 8	6.94	36.52	5.05	38.41	NM	NM	5.53	37.93
WE-18[2]	8	42.72	43.17	5	3	3 to 8	NM	NM	NM	NM	NM	NM	NM	NM
WE-19[2]	8	42.56	43.17	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM
WE-23A[2]	8	42.19	42.10	1	7	7 to 8	NM	NM	NM	NM	NM	NM	6.66	35.44
WE-23B[2]	16	42.19	42.21	1	15	15 to 16	NM	NM	NM	NM	NM	NM	5.91	36.30
WE-25	7.30	42.20	42.72	1	6.3	6.3 to 7.3	6.85	35.87	6.81	35.91	NM	NM	6.99	35.73
WE-27[2]	8	42.20	42.98	2	4	4 to 6	dry	42.98	dry	42.98	NM	NM	NM	NM
WE-29[2]	8	42.10	43.17	2	6	6 to 8	NM	NM	NM	NM	NM	NM	NM	NM
SO-01[2]	9	45.24	45.37	1	8	8 to 9	NM	NM	NM	NM	NM	NM	NM	NM
SO-02[2]	8	43.42	44.73	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM
SO-04A[2]	8	42.40	43.10	1	7	7 to 8	NM	NM	NM	NM	NM	NM	NM	NM
SO-04B[2]	16	42.40	43.08	5	11	11 to 16	NM	NM	5.95	37.13	NM	NM	NM	NM
SO-05	8	42.52	42.64	1	7	7 to 8	7.17	35.47	5.56	37.08	NM	NM	6.19	36.45
EW-03	8.30	38.58	38.30	5	3.3	3.3 to 8.3	3.17	35.13	2.35	35.95	NM	NM	6.67	31.63
EW-04	10.75	42.30	43.41	5	5.35	5.35 to 10.75	7.97	35.44	7.7	35.71	NM	NM	7.55	35.86
EW-05[2]	10.70	42.60	42.60	5	5.7	5.7 to 10.7	NM	NM	NM	NM	NM	NM	NM	NM
EW-06[2]	10	42.50	43.14	5	5	5 to 10	NM	NM	NM	NM	NM	NM	NM	NM
EW-07	10.75	41.80	41.45	5	5.75	5.75 to 10.75	9.67	31.78	6.73	34.72	NM	NM	6.96	34.49
EW-08[2]	8	38.40	38.13	5	3	3 to 8	3.90	34.23	3.9	34.23	NM	NM	3.88	34.25
EW-09	9.80	38.27	38.02	5	4.8	4.8 to 9.8	NM	NM	NM	NM	NM	NM	6.72	31.30
EW-10[2]	10.35	42.20	41.90	5	5.35	5.35 to 10.35	6.94	34.96	NM	NM	NM	NM	3.47	38.43
MW-13D (MW-99-	56.70	41.58	43.68	50	8.8	6.7 to 56.7	9.73	33.95	7.53	36.15	8.30	35.38	7.98	35.70
MW-13D2	55.11	41.58	41.30	10	45	45.09 to 55.09	NI	NI	NI	NI	NI	NI	NI	NI
MW-14 (MW-00-	21.08	36.60	36.21	5	16.08	15.5 to 20.5	5.71	30.50	4.89	31.32	5.58	30.63	6.58	29.63
MW-14D (MW-00-	51.10	36.70	36.37	10	41.1	31.5 to 41.5	0.0	36.37	0.04	36.33	1.92	34.45	0.00	36.37
MW-15D (MW-00-	33	41.20	40.88	10	23	23 to 33	5.49	35.39	3.11	37.77	3.88	37.00	3.54	37.34
MW-16D (MW-00-	45.10	45.00	44.72	10	37.5	35 to 45	7.27	37.45	5.44	39.28	NM	NM	5.53	39.19
MW-17 (MW-01-	14.99	36.18	35.61	5	10	10.5-15.5	8.65	26.96	8.16	27.45	8.19	27.42	8.02	27.59
MW-18 (MW-01-	14.50	36.67	36.30	5	9.5	10.0-15.0	7.54	28.76	7.48	28.82	7.47	28.83	7.48	28.82
MW-19	16.70	42.20	41.88	10	6.7	6.7-16.7	8.66	33.22	7.39	34.49	7.89	33.99	7.53	34.35
MW-20	15.75	42.60	42.69	10	5	5.75-15.75	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	14.31	Not Surveyed	Not Surveyed	10	4.31	4.25-14.25	NI	NI	NI	NI	NI	NI	NI	NI
MW-22D	54.60	Not Surveyed	Not Surveyed	10	44	44.5-54.5	NI	NI	NI	NI	NI	NI	NI	NI

Notes:

* — These wells were installed during previous investigations conducted by other consultir

[1] — Elevations for these wells were obtained from reports prepared by other consulting firr

[2] — Piezometers were damaged or destroyed through snow removal activities, no longer e

TOC — Top of Casing

Elevations are referenced to the City of Syracuse Datum.

All depths, lengths, and elevations measured in feet.

Monitoring Wells are 2-inch diameter stainless stee and PVC.

Piezometers are 1-inch diameter PVC.

NM — Not Measured

NI — Well not yet installed

AB — Abandoned

ENSAFE

Historical Summary of Piezometer and Monitoring Well Groundwater Elevations

Well Number	Well Depth	Surface Elevation	Top of Casing Elevation	Well Screen Length	Riser Length	Well Screen Depth Interval	July 2005		June 2004		June 2003		June 2002		July 2001	
							Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation	Depth to Water From TOC	Ground-water Elevation
MW-10 (MW-99-	15.82	40.41	39.66	10	4	4 to 14	7.20	32.46	6.98	32.68	6.91	32.75	6.74	32.92	7.11	32.55
MW-11 (MW-99-	16	41.52	40.82	10	6	6 to 16	8.95	31.87	7.07	33.75	8.29	32.53	8.89	31.93	9.20	31.62
MW-12 (MW-99-	16	39.62	38.82	10	6	6 to 16	9.89	28.93	9.20	29.62	9.73	29.09	8.88	29.94	9.68	29.14
MW-01*[1]	17.70	47.00	49.44	10	6.2	4 to 14	11.07	38.37	10.36	39.08	9.44	40.00	10.03	39.41	9.90	39.54
MW-3S*	14.32	41.53	43.13	10	5.2	3 to 13	7.00	36.13	9.87	33.26	8.65	34.48	6.64	36.49	6.69	36.44
MW-3D*	29.62	41.55	44.23	5	24.2	22 to 27	9.10	35.13	8.06	36.17	7.83	36.40	7.71	36.52	8.78	35.45
MW-05*[1]	13.01	33.40	32.92	10	7.2	5 to 15	4.06	31.64	3.73	31.97	3.37	32.33	3.50	32.20	3.83	31.87
MW-05R	14.60	Not Surveyed	Not Surveyed	10	4.6	4.5 to 14.5	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-06*[1]	16.88	42.60	44.80	10	7.2	5 to 15	11.62	33.18	11.41	33.39	11.44	33.36	11.35	33.45	11.56	33.24
MW-07*[1]	14.70	41.60	41.40	10	5	5 to 15	7.08	34.32	6.89	34.51	5.87	35.53	6.52	34.88	6.28	35.12
MW-08*[1]	14.78	42.90	42.59	10	5	5 to 15	5.89	36.70	5.75	36.84	5.44	37.15	6.57	36.02	5.64	36.95
MW-09*[1]	17.20	43.20	44.79	10	7.2	5 to 15	8.40	36.39	7.72	37.07	6.61	38.18	9.86	37.31	7.53	37.26
WE-06B[2]	5.50	43.55	42.50	1	4.5	4.5 to 5.5	NM	NM	7.17	35.33	6.86	35.64	6.85	35.65	6.80	35.70
WE-08[2]	8	43.10	42.88	1	7	7 to 8	4.18	38.70	3.33	39.55	3.42	39.46	3.31	39.57	3.23	39.65
WE-09[2]	8	41.99	41.89	1	7	7 to 8	3.37	38.52	2.91	38.98	2.72	39.17	2.73	39.16	2.80	39.09
WE-12	8	42.67	42.96	1	7	7 to 8	NM	NM	5.45	37.51	5.49	37.47	NM	NM	NM	NM
WE-13	8	42.59	42.95	1	7	7 to 8	6.93	36.02	6.02	36.92	5.74	37.21	5.91	37.04	6.19	36.76
WE-14	8	42.53	43.13	1	7	7 to 8	7.02	36.11	6.03	37.10	6.59	36.54	6.72	36.41	6.79	36.34
WE-15	8	42.43	42.91	1	7	7 to 8	6.45	36.46	6.56	36.35	6.38	36.53	6.54	36.37	6.78	36.13
WE-16	8	42.49	43.06	1	7	7 to 8	7.15	35.91	6.05	37.01	5.58	37.48	5.73	37.33	6.39	36.67
WE-17	8	43.08	43.46	1	7	7 to 8	6.83	36.63	5.93	37.53	5.46	38.00	5.73	37.73	6.04	37.02
WE-18[2]	8	42.72	43.17	5	3	3 to 8	NM	NM	3.85	39.32	NM	NM	NM	NM	3.08	40.09
WE-19[2]	8	42.56	43.17	1	7	7 to 8	NM	NM	NM	NM	4.55	38.62	4.87	38.30	4.59	38.58
WE-23A[2]	8	42.19	42.10	1	7	7 to 8	7.15	34.95	7.12	34.98	7.13	34.97	7.14	34.96	NM	NM
WE-23B[2]	16	42.19	42.21	1	15	15 to 16	6.75	35.46	7.12	35.09	7.15	35.06	7.17	35.04	NM	NM
WE-25	7.30	42.20	42.72	1	6.3	6.3 to 7.3	6.95	35.77	7.11	35.76	6.30	36.42	10.12	32.60	7.16	35.56
WE-27[2]	8	42.20	42.98	2	4	4 to 6	NM	NM	NM	NM	5.61	37.37	5.94	37.04	6.19	36.79
WE-29[2]	8	42.10	43.17	2	6	6 to 8	4.28	38.89	4.47	38.70	5.27	37.90	4.90	38.27	4.89	38.28
SO-01[2]	9	45.24	45.37	1	8	8 to 9	NM	NM	7.11	38.26	6.75	38.62	7.12	38.25	7.01	38.36
SO-02[2]	8	43.42	44.73	1	7	7 to 8	NM	NM	4.22	40.51	2.19	42.54	5.05	39.68	5.40	39.33
SO-04A[2]	8	42.40	43.10	1	7	7 to 8	7.20	35.90	6.73	36.37	7.03	36.07	7.11	35.99	7.13	35.97
SO-04B[2]	16	42.40	43.08	5	11	11 to 16	7.32	35.76	6.02	37.06	6.26	36.82	NM	NM	6.14	36.94
SO-05	8	42.52	42.64	1	7	7 to 8	7.00	35.64	7.02	35.62	4.73	37.91	6.54	36.10	6.99	35.65
EW-03	8.30	38.58	38.30	5	3.3	3.3 to 8.3	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
EW-04	10.75	42.30	43.41	5	5.35	5.35 to 10.75	7.73	35.68	8.12	35.29	7.03	36.38	8.03	35.38	7.93	35.48
EW-05[2]	10.70	42.60	42.60	5	5.7	5.7 to 10.7	NM	NM	8.30	34.30	5.99	38.38	6.05	36.55	4.75	37.85
EW-06[2]	10	42.50	43.14	5	5	5 to 10	NM	NM	4.76	38.38	4.22	38.92	4.05	39.09	NM	NM
EW-07	10.75	41.80	41.45	5	5.75	5.75 to 10.75	9.10	32.35	7.78	33.67	5.20	36.25	7.00	34.45	8.42	33.03
EW-08[2]	8	38.40	38.13	5	3	3 to 8	3.86	34.27	3.86	34.27	3.87	34.26	3.86	34.27	3.89	34.21
EW-09	9.80	38.27	38.02	5	4.8	4.8 to 9.8	6.86	31.16	6.90	31.12	6.83	31.44	6.65	31.37	6.88	31.14
EW-10[2]	10.35	42.20	41.90	5	5.35	5.35 to 10.35	6.17	35.73	4.59	37.31	3.22	38.68	3.49	38.41	5.66	36.24
MW-13D (MW-99-	56.70	41.58	43.68	50	8.8	6.7 to 56.7	9.51	34.17	9.07	34.61	8.22	35.46	8.76	34.92	9.30	34.38
MW-13D2	55.11	41.58	41.30	10	45	45.09 to 55.09	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-14 (MW-00-	21.08	36.60	36.21	5	16.08	15.5 to 20.5	6.22	29.99	4.98	31.23	5.87	30.34	7.01	29.20	7.20	29.01
MW-14D (MW-00-	51.10	36.70	36.37	10	41.1	31.5 to 41.5	0.00	36.37	0.00	36.37	0.05	36.32	0.00	36.37	0.00	36.37
MW-15D (MW-00-	33	41.20	40.88	10	23	23 to 33	5.42	35.46	4.12	36.76	3.99	36.89	4.82	36.06	4.85	36.03
MW-16D (MW-00-	45.10	45.00	44.72	10	37.5	35 to 45	6.99	37.73	5.95	38.77	5.54	39.18	5.40	39.32	6.23	38.49
MW-17 (MW-01-	14.99	36.18	35.61	5	10	10.5-15.5	8.40	27.21	8.80	26.81	8.64	26.97	8.85	26.76	8.75	26.86
MW-18 (MW-01-	14.50	36.67	36.30	5	9.5	10.0-15.0	7.46	28.84	7.33	28.97	7.34	28.96	7.38	28.92	7.41	28.89
MW-19	16.70	42.20	41.88	10	6.7	6.7-16.7	8.40	33.48	7.80	34.08	7.42	34.46	7.44	34.44	NI	NI
MW-20	15.75	42.60	42.69	10	5	5.75-15.75	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	14.31	Not Surveyed	Not Surveyed	10	4.31	4.25-14.25	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-22D	54.60	Not Surveyed	Not Surveyed	10	44	44.5-54.5	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI

Notes:

* — These wells were installed during previous investigations conducted by other consultir

[1] — Elevations for these wells were obtained from reports prepared by other consulting firr

[2] — Piezometers were damaged or destroyed through snow removal activities, no longer e:

TOC — Top of Casing

Elevations are referenced to the City of Syracuse Datum.

All depths, lengths, and elevations measured in feet.

Monitoring Wells are 2-inch diameter stainless stee and PVC.

Piezometers are 1-inch diameter PVC.

NM — Not Measured

NI — Well not yet installed

AB — Abandoned

ENSAFE

Appendix B
Field Sampling Forms

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE:	**JOB NUMBER:** 0888812429	**PHASE:**	**TASK:**
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	**EVENT:** June 2012 Resample		
WELL ID: MW17	**LOCATION:** Carrier - Syracuse, New York		
WEATHER CONDITIONS:	**AMBIENT TEMP:**		
REVIEWED BY:	**PERSONNEL:** SG / RT		

WELL DIA:	2-inch	**WELL DEVELOPMENT**	
TOTAL DEPTH from TOC (ft.):	14.99	**START:**	**FINISH:**
DEPTH TO WATER from TOC (ft.):		**VOLUME PURGED (gal):**	
LENGTH OF WATER COL. (ft.):		**GROUNDWATER SAMPLING**	
1 VOLUME OF WATER (gal):		**START:**	**FINISH:**
3 VOLUMES OF WATER (gal):		**VOLUME PURGED (gal):**	
		ANALYSIS: VOCs	

MNA FIELD RESULTS

FERROUS IRON	**mg/L**	**CHLORIDE**	**mg/L**		**mg/L**
SULFIDE	**mg/L**	**ALKALINITY**	**mg/L**		**mg/L**
SULFATE	**mg/L**	**CO_2**	**mg/L**		**mg/L**

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump **Description:** Peristaltic

Time (hh:mm):	0917	0920	0923	0926	0929								
pH (units):	6.92	6.91	6.92	6.92	6.92								
Conductivity (mS/cm):	3.67	3.68	3.67	3.67	3.66								
Turbidity (NTU):	33.6	38.2	34.2	30.5	31.9								
DO (mg/L): Horiba	0.43	0.17	0.37	0.35	0.35								
YSI													
Temperature (C°):	19.58	19.48	19.55	19.57	19.56								
ORP (mV):	-58	-58	-58	-59	-59								
Volume Purged (gal):	1.25	1.3	1.4	1.5	1.6								
Depth to Water (ft):	8.00	8.01	8.01	8.01	8.02								
Orion ORP: mV													
E_H													
Rel mV													
									Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☒ Pump **Description:** Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW17 0812	8/14/12	0935	6		
Purging/Sampling Device Decon Process:					

COMMENTS:

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 8/14/12	JOB NUMBER:	PHASE:	TASK:
PROJECT: Carrier - Syracuse	EVENT:		
WELL ID: MW-17	LOCATION:		
WEATHER CONDITIONS: Cloudy, Warm ~75°	AMBIENT TEMP:		
REVIEWED BY:	PERSONNEL:		

WELL DIA: 2"	WELL DEVELOPMENT	
TOTAL DEPTH from TOC (ft.):	START:	FINISH:
DEPTH TO WATER from TOC (ft.): 7.92	VOLUME PURGED (gal):	
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):	START: 0830	FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):	
	ANALYSIS: VOC	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	0834	0837	0840	0843	0846	0849	0852	0855	0858	0902	0905	0908	0911
pH (units):	6.03	6.48	6.80	6.94	6.98	6.98	6.93	6.93	6.92	6.92	6.92	6.92	6.92
Conductivity (mS/cm):	3.79	3.75	3.71	3.68	3.67	3.66	3.67	3.66	3.65	3.64	3.66	3.67	3.67
Turbidity (NTU):	33.4	35.5	63.5	110	145	141	97.8	77.4	74.2	74.0	64.8	62.4	52.0
DO (mg/L): Horiba	2.27	1.70	1.20	0.81	0.51	0.41	0.61	1.22	3.14	4.04	4.34	0.50	0.55
YSI													
Temperature (C°):	21.17	21.00	20.48	20.09	19.73	19.43	19.18	18.97	18.99	19.25	19.41	19.43	19.49
ORP (mV):	192	159	107	40	-6	-22	-41	-45	-45	-46	-50	-53	-54
Volume Purged (gal):	[illegible]	0.10	0.15	0.2	0.25	0.25	0.35	0.5	0.6	0.7	0.8	0.9	1.0
Depth to Water (ft):	7.91	7.97	8.01	8.03	8.05	8.06	8.07	8.07	8.04	8.02	8.00	8.00	8.00
Orion ORP: mV													
E_H													
Rel mV													
								Well Goes Dry While Purging ☐					0914

SAMPLE DATA

☐ Bailer ☐ Pump Description:

G Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks	
CARMW1708[illegible]12	8/14/12					6.92
						3.68
						52.4
						0.57
						19.55
						-57
Purging/Sampling Device Decon Process:						8.00
						0957

COMMENTS:

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE:	JOB NUMBER: 0888812429	PHASE:	TASK:
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	EVENT: June 2012 Resample		
WELL ID: MW21	LOCATION: Carrier - Syracuse, New York		
WEATHER CONDITIONS:	AMBIENT TEMP:		
REVIEWED BY:	PERSONNEL: SG / RT		

WELL DIA:	2-inch	WELL DEVELOPMENT	
TOTAL DEPTH from TOC (ft.):	14.31	START: [illegible]	FINISH:
DEPTH TO WATER from TOC (ft.):	12.51	VOLUME PURGED (gal):	
LENGTH OF WATER COL. (ft.):		GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):		START: 1030	FINISH: 1105
3 VOLUMES OF WATER (gal):		VOLUME PURGED (gal):	
		ANALYSIS: VOCs, PCB, TSS	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☑ Pump Description: Peristaltic

Time (hh:mm):	1036	1039	1042	1045	1048	1051	1054	1057	1100	1103		
pH (units):	6.97	7.00	7.01	7.02	7.02	7.02	7.02	7.03	7.03	7.03		
Conductivity (mS/cm):	0.869	0.850	0.820	0.810	0.809	0.804	0.777	0.749	0.737	0.735		
Turbidity (NTU):	210	90.9	113	82.2	80.4	60.6	43.5	31.8	28.7	24.3		
DO (mg/L): Horiba	0.38	0.21	0.14	0.06	0.11	0.03	0.02	0.01	0.01	0.02		
YSI												
Temperature (C°):	21.15	21.10	21.03	21.05	21.07	21.05	21.06	21.28	21.34	21.37		
ORP (mV):	-130	-135	-137	-137	-137	-136	-135	-133	-132	-132		
Volume Purged (gal):	—	0.10	0.15	0.20	0.20	0.25	0.30	0.30	0.35	0.4		
Depth to Water (ft):	12.71	12.74	12.75	12.76	12.78	12.78	12.79	12.79	12.81	12.82		
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☑ Pump Description: Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW2105 12	8/14/12	1107	6		

Purging/Sampling Device Decon Process:

COMMENTS: PID Reading @ 1020 = 99 ppm

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE:	**JOB NUMBER:** 0888812466	**PHASE:** PH04	**TASK:**
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	**EVENT:** June 2012 Resample		
WELL ID: MW10	**LOCATION:** Carrier - Syracuse, New York		
WEATHER CONDITIONS:	**AMBIENT TEMP:**		
REVIEWED BY:	**PERSONNEL:** SG / RT		

WELL DIA: 2-inch	**WELL DEVELOPMENT**		
TOTAL DEPTH from TOC (ft.): ~~10.35~~	**START:**	**FINISH:**	
DEPTH TO WATER from TOC (ft.): 9.15	**VOLUME PURGED (gal):**		
LENGTH OF WATER COL. (ft.):	**GROUNDWATER SAMPLING**		
1 VOLUME OF WATER (gal):	**START:** 12:45	**FINISH:**	
3 VOLUMES OF WATER (gal):	**VOLUME PURGED (gal):**		
	ANALYSIS: VOCs		

MNA FIELD RESULTS

FERROUS IRON	mg/L	**CHLORIDE**	mg/L		mg/L
SULFIDE	mg/L	**ALKALINITY**	mg/L		mg/L
SULFATE	mg/L	**CO_2**	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☐ Pump **Description:**

Time (hh:mm):	1252	1255	1258	1301	1304	1307	1310	1313	1316			
pH (units):	7.52	7.45	7.40	7.38	7.36	7.36	7.35	7.35	7.34			
Conductivity (mS/cm):	4.17	4.15	4.15	4.14	4.16	4.17	4.17	4.11	4.07			
Turbidity (NTU):	116	102	92.3	85.8	74.5	69.9	71.1	68.4	33.2			
DO (mg/L): Horiba	2.80	1.75	1.44	1.25	1.21	1.22	1.09	1.01	1.00			
YSI	—	—	—	—	—	—	—	—	—			
Temperature (C°):	25.40	24.86	24.15	23.85	23.89	23.97	24.07	24.07	24.00			
ORP (mV):	80	81	79	75	71	69	68	68	69			
Volume Purged (gal):	0.01	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8			
Depth to Water (ft):	9.40	9.55	9.74	9.91	10.00	10.11	10.28	10.41	10.59			
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☐ Pump **Description:**

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW10 0812	8/14/12	1320	3		

Purging/Sampling Device Decon Process:

COMMENTS: PID @ 1140 = 1.3

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 8/14/12	**JOB NUMBER:** 0888812429	**PHASE:**	**TASK:**
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	**EVENT:** June 2012 Resample		
WELL ID: MW19	**LOCATION:** Carrier - Syracuse, New York		
WEATHER CONDITIONS: Cloudy	**AMBIENT TEMP:** 80°F		
REVIEWED BY:	**PERSONNEL:** SG / RT		

WELL DIA:	2-inch	**WELL DEVELOPMENT**	
TOTAL DEPTH from TOC (ft.):	14.96	**START:**	**FINISH:**
DEPTH TO WATER from TOC (ft.):	10.48	**VOLUME PURGED (gal):**	
LENGTH OF WATER COL. (ft.):		**GROUNDWATER SAMPLING**	
1 VOLUME OF WATER (gal):		**START:** 1335	**FINISH:**
3 VOLUMES OF WATER (gal):		**VOLUME PURGED (gal):**	
		ANALYSIS: VOCs	

MNA FIELD RESULTS

FERROUS IRON	mg/L	**CHLORIDE**	mg/L		mg/L
SULFIDE	mg/L	**ALKALINITY**	mg/L		mg/L
SULFATE	mg/L	**CO_2**	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☑ Pump **Description:** Peristaltic

Time (hh:mm):	1338	1341	1344	1347	1350	1353	1356	1359	1402	1405	1408	
pH (units):	7.73	7.38	7.34	7.32	7.31	7.29	7.27	7.25	7.25	7.25	7.26	
Conductivity (mS/cm):	1.74	1.57	1.52	1.50	1.49	1.48	1.47	1.48	1.49	1.48	1.48	
Turbidity (NTU):	129	109	85.1	71.7	62.7	59.0	52.2	42.0	18.6	20.5	20.2	
DO (mg/L): Horiba	1.37	0.38	0.14	0.15	0.12	0.09	0.12	0.09	0.13	0.13	0.16	
YSI	—	—	—	—	—	—	—	—	—	—	—	
Temperature (C°):	26.78	26.58	26.32	26.03	25.83	25.68	25.55	25.50	25.55	25.60	25.64	
ORP (mV):	83	48	42	44	42	38	38	38	39	41	44	
Volume Purged (gal):	0.01	0.15	0.30	0.45	0.6	0.75	0.9	1.15	1.30	1.45	1.60	
Depth to Water (ft):	10.76	10.94	11.06	11.18	11.24	11.33	11.49	11.56	11.68	11.75	11.84	
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☑ Pump **Description:** Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW19 0812	8/14/12	1410	6		

Purging/Sampling Device Decon Process:

COMMENTS: PID @ 1250 = 0.1 ppm

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE:	**JOB NUMBER:** 0888812429	**PHASE:**	**TASK:**
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	**EVENT:** June 2012 Resample		
WELL ID: MW06	**LOCATION:** Carrier - Syracuse, New York		
WEATHER CONDITIONS:	**AMBIENT TEMP:**		
REVIEWED BY:	**PERSONNEL:** SG / RT		

WELL DIA:	2-inch	**WELL DEVELOPMENT**	
TOTAL DEPTH from TOC (ft.):	16.88	**START:**	**FINISH:**
DEPTH TO WATER from TOC (ft.):	12.10	**VOLUME PURGED (gal):**	
LENGTH OF WATER COL. (ft.):		**GROUNDWATER SAMPLING**	
1 VOLUME OF WATER (gal):		**START:** 1440	**FINISH:**
3 VOLUMES OF WATER (gal):		**VOLUME PURGED (gal):**	
		ANALYSIS: VOCs / PCBs / TSS	

MNA FIELD RESULTS

FERROUS IRON	**mg/L**	**CHLORIDE**	**mg/L**		**mg/L**
SULFIDE	**mg/L**	**ALKALINITY**	**mg/L**		**mg/L**
SULFATE	**mg/L**	**CO_2**	**mg/L**		**mg/L**

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump **Description:** Peristaltic

Time (hh:mm):	1444	1447	1450	1453	1456	1459	1502	1505	1509			
pH (units):	7.65	7.57	7.58	7.57	7.57	7.57	7.56	7.55	7.55			
Conductivity (mS/cm):	0.563	0.510	0.493	0.456	0.441	0.434	0.428	0.427	0.426			
Turbidity (NTU):	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
DO (mg/L): Horiba	0.80	0.31	0.35	0.59	0.91	1.13	1.01	1.00	0.97			
YSI												
Temperature (C°):	25.43	24.30	23.98	23.58	23.42	23.26	23.05	22.99	22.86			
ORP (mV):	84	79	77	76	78	81	84	85	83			
Volume Purged (gal):	—	0.10	0.15	0.20	0.25	0.30	0.4	0.45	0.50			
Depth to Water (ft):	12.33	12.48	12.57	12.66	12.72	12.80	12.86	12.93	12.99			
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☒ Pump **Description:** Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW060812	8/14/12	1515	6		
Purging/Sampling Device Decon Process:					

COMMENTS:

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE:	JOB NUMBER: 0888812466	PHASE: PH04	TASK:
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	EVENT: June 2012 Resample		
WELL ID: MW22D	LOCATION: Carrier - Syracuse, New York		
WEATHER CONDITIONS: Partly Cloudy	AMBIENT TEMP: 82° F		
REVIEWED BY:	PERSONNEL: SG / RT		

WELL DIA: 2-inch	WELL DEVELOPMENT		
TOTAL DEPTH from TOC (ft.): 54.60	START:	FINISH:	
DEPTH TO WATER from TOC (ft.): 11.38	VOLUME PURGED (gal):		
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING		
1 VOLUME OF WATER (gal):	START: 1559	FINISH:	
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):		
	ANALYSIS: VOCs		

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☐ Pump Description:

Time (hh:mm):	1602	1605	1608	1611	1614	1617	1620	1623	1626	1629	1632	
pH (units):	7.57	7.55	7.42	7.39	7.38	7.40	7.41	7.42	7.41	7.40	7.38	
Conductivity (mS/cm):	2.02	1.98	1.92	1.98	2.02	2.01	2.02	2.06	1.99	1.97	1.98	
Turbidity (NTU):	874	243	279	261	282	246	234	239	235	229	225	
DO (mg/L): Horiba	4.52	1.77	0.16	0.03	0.06	0.05	0.05	0.06	0.00	0.00	0.0	
YSI	—	—	—	—	—	—	—	—	—	—	—	
Temperature (C°):	22.47	19.11	19.03	19.79	20.51	20.73	20.56	20.89	21.38	20.70	20.73	
ORP (mV):	-119	-113	-116	-125	-134	-140	-145	-133	-140	-145	-147	
Volume Purged (gal):	0.01	0.2	0.5	0.75	1.0	1.25	1.50	1.70	2.0	2.5	2.7	
Depth to Water (ft):	12.98	15.25	16.28	16.42	17.12	17.64	18.38	19.09	19.72	20.86	21.27	
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☐ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW22D 0812	8/14/12	1635	3		

Purging/Sampling Device Decon Process:

COMMENTS:

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 8/14/12	JOB NUMBER: 0888812429	PHASE:	TASK:
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	EVENT: June 2012 Resample		
WELL ID: MW3S	LOCATION: Carrier - Syracuse, New York		
WEATHER CONDITIONS: Cloudy	AMBIENT TEMP: 78 °F		
REVIEWED BY:	PERSONNEL: SG / RT		

WELL DIA:	2-inch	WELL DEVELOPMENT	
TOTAL DEPTH from TOC (ft.):	14.32	START:	FINISH:
DEPTH TO WATER from TOC (ft.):	7.12	VOLUME PURGED (gal):	
LENGTH OF WATER COL. (ft.):		GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):		START: 16:49	FINISH:
3 VOLUMES OF WATER (gal):		VOLUME PURGED (gal):	
		ANALYSIS: VOCs / PCBs	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☐ Pump Description:

Time (hh:mm):	1651	1654	1657	1700	1703	1706	1709	1712	1715	1718		
pH (units):	7.44	7.24	7.18	7.19	7.36	7.44	7.47	7.49	7.47	7.45		
Conductivity (mS/cm):	3.98	3.96	3.96	3.92	3.45	3.33	3.28	3.27	3.28	3.30		
Turbidity (NTU):	283	218	144	136	71.5	52.0	30.0	27.1	25.2	24.9		
DO (mg/L): Horiba	3.18	0.58	0.24	0.11	0.06	0.08	0.14	0.11	0.09	0.09		
YSI	—	—	—	—	—	—	—	—	—	—		
Temperature (C°):	25.33	24.75	24.68	24.55	24.55	24.58	24.66	24.69	24.78	24.71		
ORP (mV):	-99	-101	-104	-116	-139	-145	-145	-143	-140	-138		
Volume Purged (gal):	0.01	0.2	0.3	0.4	0.55	0.7	0.9	1.1	1.3	1.5		
Depth to Water (ft):	8.71	7.63	7.71	7.91	8.01	8.03	8.11	8.27	8.26	8.40		
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☐ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW3S 0812	8/14/12	1720	6		
Purging/Sampling Device Decon Process:					

COMMENTS: - 1.1

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE:	**JOB NUMBER:** 0888812466	**PHASE:** PH04	**TASK:**
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	**EVENT:** June 2012 Resample		
WELL ID: MW16D	**LOCATION:** Carrier - Syracuse, New York		
WEATHER CONDITIONS:	**AMBIENT TEMP:** 65°		
REVIEWED BY:	**PERSONNEL:** SG / RT		

WELL DIA:	2-inch	**WELL DEVELOPMENT**	
TOTAL DEPTH from TOC (ft.):	45.10	**START:**	**FINISH:**
DEPTH TO WATER from TOC (ft.):	7.44	**VOLUME PURGED (gal):**	
LENGTH OF WATER COL. (ft.):		**GROUNDWATER SAMPLING**	
1 VOLUME OF WATER (gal):		**START:** 0804	**FINISH:**
3 VOLUMES OF WATER (gal):		**VOLUME PURGED (gal):**	
		ANALYSIS: VOCs	

MNA FIELD RESULTS

FERROUS IRON	mg/L	**CHLORIDE**	mg/L		mg/L
SULFIDE	mg/L	**ALKALINITY**	mg/L		mg/L
SULFATE	mg/L	**CO_2**	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump **Description:** Monsoon

Time (hh:mm):	0805	0808	0811	0814	0817	0820	0823	0826	0829	0832	0835	
pH (units):	7.38	7.19	7.10	7.08	7.06	7.07	7.08	7.10	7.08	7.08	7.08	
Conductivity (mS/cm):	0.575	0.698	1.35	1.53	1.67	1.72	1.75	1.75	1.78	1.79	1.77	
Turbidity (NTU):	630	411	193	136	90.5	76.8	72.4	68.5	59.8	58.7	56.9	
DO (mg/L): Horiba	1.78	0.55	0.18	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
YSI												
Temperature (C°):	16.60	15.96	16.45	16.84	16.89	17.21	17.32	17.31	17.48	17.53	17.31	
ORP (mV):	55	23	-49	-61	-66	-70	-71	-71	-72	-72	-73	
Volume Purged (gal):	0.1	0.25	0.5	0.75	1.25	1.75	2.0	2.25	2.5	2.6	2.75	
Depth to Water (ft):	8.51	8.78	8.52	8.54	8.52	8.47	8.48	8.38	8.37	8.39	8.49	
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☒ Pump **Description:** monsoon

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW16D 0812	8/15/12	0840	3		

Purging/Sampling Device Decon Process:

COMMENTS: PID @ 0800 = 4.2 *Note* could not get PID to calibrate; acting as if lamp is going bad called Pine to bring new one

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 8/15/12	**JOB NUMBER:** 0888812466	**PHASE:** PH04	**TASK:**
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	**EVENT:** June 2012 Resample		
WELL ID: MW09	**LOCATION:** Carrier - Syracuse, New York		
WEATHER CONDITIONS: Partly Cloudy	**AMBIENT TEMP:** 73°F		
REVIEWED BY:	**PERSONNEL:** SG / RT		

WELL DIA: 2-inch	**WELL DEVELOPMENT**		
TOTAL DEPTH from TOC (ft.): 17.20	**START:**	**FINISH:**	
DEPTH TO WATER from TOC (ft.): 8.41	**VOLUME PURGED (gal):**		
LENGTH OF WATER COL. (ft.):	**GROUNDWATER SAMPLING**		
1 VOLUME OF WATER (gal):	**START:** 0911	**FINISH:**	
3 VOLUMES OF WATER (gal):	**VOLUME PURGED (gal):**		
	ANALYSIS: VOCs		

MNA FIELD RESULTS

FERROUS IRON	mg/L	**CHLORIDE**	mg/L		mg/L
SULFIDE	mg/L	**ALKALINITY**	mg/L		mg/L
SULFATE	mg/L	**CO_2**	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☐ Pump **Description:**

Time (hh:mm):	0914	0917	0920	0923	0926	0929	0932	0935	0938	0941	0944	0947	0951
pH (units):	5.98	6.90	7.15	7.30	7.36	7.39	7.41	7.42	7.45	7.49	7.51	7.52	7.53
Conductivity (mS/cm):	1.45	1.49	1.50	1.48	1.41	1.35	1.26	1.23	1.20	1.17	1.14	1.12	1.10
Turbidity (NTU):	197	169	151	118	89.5	67.3	22.9	0.0	0.0	0.0	0.0	0.0	0.0
DO (mg/L): Horiba	3.95	0.75	0.36	0.26	0.11	0.11	0.42	0.75	1.07	1.88	2.42	2.65	2.63
YSI	—	—	—	—	—	—	—	—	—	—	—	—	—
Temperature (C°):	21.77	21.07	20.67	20.53	20.47	20.43	20.41	20.45	20.50	20.46	2044	20.55	20.71
ORP (mV):	144	-2	-37	-52	-58	-52	-42	-27	-6	16	38	50	55
Volume Purged (gal):	0.01	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.85	1.0	1.25	1.5	1.7
Depth to Water (ft):	8.06	8.21	8.36	8.46	8.52	8.67	8.80	8.91	9.02	9.11	9.24	9.32	9.45
Orion ORP: mV													
E_H													
Rel mV													
								Well Goes Dry While Purging ☐					

SAMPLE DATA

☐ Bailer ☒ Pump **Description:**

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW09 0812	8/15/12	1630	3		

Purging/Sampling Device Decon Process:

COMMENTS: PID malfunctioning

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 8/14/12	JOB NUMBER:	PHASE:	TASK:
PROJECT: Carrier - Syracuse	EVENT:		
WELL ID: MW-9 cont.	LOCATION:		
WEATHER CONDITIONS:	AMBIENT TEMP:		
REVIEWED BY:	PERSONNEL:		

WELL DIA:	WELL DEVELOPMENT	
TOTAL DEPTH from TOC (ft.):	START:	FINISH:
DEPTH TO WATER from TOC (ft.):	VOLUME PURGED (gal):	
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):	START:	FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):	
	ANALYSIS:	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☐ Pump Description:

Time (hh:mm):	0953	0956	0959	1002	1005	1008	1011	1014	1017	1020	1023	1026
pH (units):	7.53	7.52	7.51	7.51	7.50	7.49	7.47	7.47	7.47	7.45	7.46	7.46
Conductivity (mS/cm):	1.10	1.11	1.13	1.13	1.14	1.14	1.14	1.16	1.17	1.18	1.19	1.21
Turbidity (NTU):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DO (mg/L): Horiba	2.35	2.21	1.70	1.49	1.34	1.26	0.93	0.60	0.56	0.30	0.22	0.11
YSI	—	—	—	—	—	—	—	—	—	—	—	—
Temperature (C°):	20.76	20.74	20.55	20.40	20.13	20.00	19.94	19.91	19.86	18.08	17.98	17.94
ORP (mV):	52	51	44	36	27	26	24	20	15	7	4	0
Volume Purged (gal):	2.0	2.25	2.5	2.65	2.75	2.9	3.1	3.2	3.3	3.5	3.7	3.9
Depth to Water (ft):	9.49	9.49	9.66	9.77	9.93	10.07	10.20	10.32	10.49	10.61	10.71	10.89
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☐ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
See page 1					

Purging/Sampling Device Decon Process:

COMMENTS:

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 8/15/12	JOB NUMBER: 0888812429	PHASE:	TASK:
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	EVENT: June 2012 Resample		
WELL ID: MW20	LOCATION: Carrier - Syracuse, New York		
WEATHER CONDITIONS: Cloudy	AMBIENT TEMP: 75°		
REVIEWED BY:	PERSONNEL: SG / RT		

WELL DIA:	2-inch	WELL DEVELOPMENT	
TOTAL DEPTH from TOC (ft.):	15.75	START:	FINISH:
DEPTH TO WATER from TOC (ft.):	6.0 ~	VOLUME PURGED (gal):	
LENGTH OF WATER COL. (ft.):	9.75	GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):	1.56	START:	FINISH:
3 VOLUMES OF WATER (gal):	4.68	VOLUME PURGED (gal):	
		ANALYSIS: VOCs	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☐ Pump Description:

Time (hh:mm):												
pH (units):												
Conductivity (mS/cm):												
Turbidity (NTU):												
DO (mg/L): Horiba												
YSI												
Temperature (C°):												
ORP (mV):												
Volume Purged (gal):												
Depth to Water (ft):												
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☒ Bailer ☐ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW20 0812	8/15/12	1130	6		

Purging/Sampling Device Decon Process:

COMMENTS: PID = 45.7 Pine delivered replacement PID at 11:25

Purge water placed in drum#_____

Page __ of __

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE:	**JOB NUMBER:** 0888812466	**PHASE:** PH04	**TASK:**
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	**EVENT:** June 2012 Resample		
WELL ID: MW3D	**LOCATION:** Carrier - Syracuse, New York		
WEATHER CONDITIONS:	**AMBIENT TEMP:**		
REVIEWED BY:	**PERSONNEL:** SG / RT		

WELL DIA:	2-inch	**WELL DEVELOPMENT**	
TOTAL DEPTH from TOC (ft.):	29.62	**START:**	**FINISH:**
DEPTH TO WATER from TOC (ft.):	9.88	**VOLUME PURGED (gal):**	
LENGTH OF WATER COL. (ft.):		**GROUNDWATER SAMPLING**	
1 VOLUME OF WATER (gal):		**START:** 1253	**FINISH:**
3 VOLUMES OF WATER (gal):		**VOLUME PURGED (gal):**	
		ANALYSIS: VOCs	

MNA FIELD RESULTS

FERROUS IRON	mg/L	**CHLORIDE**	mg/L		mg/L
SULFIDE	mg/L	**ALKALINITY**	mg/L		mg/L
SULFATE	mg/L	**CO_2**	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump **Description:** Peristaltic

Time (hh:mm):	1257	1300	1303	1306	1309	1312	1315	1318	1321	1324	1327	1330
pH (units):	7.30	7.23	7.19	7.18	7.19	7.19	7.18	7.19	7.18	7.18	7.17	7.17
Conductivity (mS/cm):	2.15	2.06	2.05	2.04	2.04	2.03	2.03	2.03	2.03	2.04	2.05	2.05
Turbidity (NTU):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DO (mg/L): Horiba	2.41	0.59	0.34	0.21	0.21	0.11	0.06	0.05	0.06	0.00	0.00	0.00
YSI												
Temperature (C°):	25.30	25.00	24.61	24.36	24.26	24.20	24.30	24.33	24.35	24.36	2443	24.56
ORP (mV):	-73	-84	-86	-85	-86	-86	-85	-85	-85	-85	-86	-85
Volume Purged (gal):	—	0.1	0.15	0.20	0.25	0.30	0.35	0.4	0.45	0.50	0.6	0.7
Depth to Water (ft):	10.78	11.41	11.65	11.92	12.31	12.38	12.47	12.58	12.68	12.78	12.84	12.89
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☒ Pump **Description:** Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW3D0812	8/12/12	1335	3	N	
CARHMW3D0812	8/12/12	1335	3	N	

Purging/Sampling Device Decon Process:

COMMENTS: PID Reading @ 1255 = 0.0 ppm

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE:	**JOB NUMBER:** 0888812466	**PHASE:** PH04	**TASK:**
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	**EVENT:** June 2012 Resample		
WELL ID: MW13D2	**LOCATION:** Carrier - Syracuse, New York		
WEATHER CONDITIONS:	**AMBIENT TEMP:**		
REVIEWED BY:	**PERSONNEL:** SG / RT		

WELL DIA:	2-inch	**WELL DEVELOPMENT**	
TOTAL DEPTH from TOC (ft.):	55.11	**START:**	**FINISH:**
DEPTH TO WATER from TOC (ft.):	7.97	**VOLUME PURGED (gal):**	
LENGTH OF WATER COL. (ft.):		**GROUNDWATER SAMPLING**	
1 VOLUME OF WATER (gal):		**START:** 1347	**FINISH:**
3 VOLUMES OF WATER (gal):		**VOLUME PURGED (gal):**	
		ANALYSIS: VOCs	

MNA FIELD RESULTS

FERROUS IRON	mg/L	**CHLORIDE**	mg/L		mg/L
SULFIDE	mg/L	**ALKALINITY**	mg/L		mg/L
SULFATE	mg/L	**CO_2**	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☐ Pump **Description:**

Time (hh:mm):	1348	1351	1354	1357	1400	1403	1406	1409				
pH (units):	8.48	7.62	7.40	7.29	7.24	7.22	7.21	7.20				
Conductivity (mS/cm):	2.38	2.57	2.59	2.68	2.80	2.87	2.95	2.95				
Turbidity (NTU):	800	OR	OR	OR	OR	OR	OR	OR				
DO (mg/L): Horiba	2.43	0.40	0.20	0.03	0.14	0.18	0.18	0.17				
YSI	—	—	—	—	—	—	—	—				
Temperature (C°):	20.89	21.59	22.19	23.04	24.64	25.76	26.46	26.60				
ORP (mV):	-139	-106	-97	-96	-97	-99	-102	-103				
Volume Purged (gal):	0.1	0.25	0.5	0.7	0.8	0.9	1.1	1.2				
Depth to Water (ft):	7.99	7.98	7.94	7.94	7.95	7.94	7.94	7.94				
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☐ Pump **Description:**

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW13D2 0812	8/15/12	1412	3		

Purging/Sampling Device Decon Process:

COMMENTS:

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 8/15/12	JOB NUMBER:	PHASE:	TASK:
PROJECT:	EVENT:		
WELL ID: MW-5R	LOCATION:		
WEATHER CONDITIONS:	AMBIENT TEMP:		
REVIEWED BY:	PERSONNEL:		

WELL DIA:	WELL DEVELOPMENT	
TOTAL DEPTH from TOC (ft.): ~~14.38~~ 14.60	START:	FINISH:
DEPTH TO WATER from TOC (ft.): 4.38	VOLUME PURGED (gal):	
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):	START: 1445	FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):	
	ANALYSIS: VOCs	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Peristaltic

Time (hh:mm):	1448	1451	1454	1457	1500	1503	1506						
pH (units):	6.88	6.79	6.77	6.76	6.75	6.73	6.70						
Conductivity (mS/cm):	3.82	3.72	3.75	3.75	3.80	3.84	3.62						
Turbidity (NTU):	3.4	53.8	16.2	7.4	6.5	0.0	0.0						
DO (mg/L): Horiba	4.95	2.90	2.69	~~2.48~~ 2.48	2.57	2.45	2.46						
YSI													
Temperature (C°):	23.62	22.89	22.12	22.05	22.02	22.21	22.15						
ORP (mV):	30	31	30	26	9	-6	4						
Volume Purged (gal):	0.1	0.15	0.20	0.25	0.30								
Depth to Water (ft):	4.69	4.91	5.09	5.25	5.42	5.56	5.78						
Orion ORP: mV													
E_H													
Rel mV													
								Well Goes Dry While Purging ☐					

SAMPLE DATA

☐ Bailer ☑ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW05R0812	8/15/12	1510	3		

Purging/Sampling Device Decon Process:

COMMENTS: PID Reading @ 1443 = 0.0

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 8/15/12	JOB NUMBER: 0888812429	PHASE:	TASK:
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	EVENT: June 2012 Resample		
WELL ID: MW18	LOCATION: Carrier - Syracuse, New York		
WEATHER CONDITIONS: Partly Cloudy	AMBIENT TEMP: 81 °F		
REVIEWED BY:	PERSONNEL: SG / RT		

WELL DIA:	2-inch	WELL DEVELOPMENT	
TOTAL DEPTH from TOC (ft.):	14.50	START:	FINISH:
DEPTH TO WATER from TOC (ft.):	7.74	VOLUME PURGED (gal):	
LENGTH OF WATER COL. (ft.):		GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):		START: 1543	FINISH:
3 VOLUMES OF WATER (gal):		VOLUME PURGED (gal):	
		ANALYSIS: VOCs	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☐ Pump Description:

Time (hh:mm):	1548	1551	1554	1557	1600	1603	1606	1609				
pH (units):	7.41	7.21	7.15	7.14	7.13	7.13	7.13	7.13				
Conductivity (mS/cm):	0.893	0.834	0.807	0.806	0.817	0.838	0.864	0.882				
Turbidity (NTU):	18.5	17.1	17.1	13.6	10.2	7.5	10.7	11.3				
DO (mg/L): Horiba	3.05	0.90	0.46	0.33	0.24	0.14	0.15	0.16				
YSI	—	—	—	—	—	—	—	—				
Temperature (C°):	26.07	25.39	24.68	24.22	23.93	23.80	23.48	23.38				
ORP (mV):	-31	-24	-14	-12	-14	-17	-19	-23				
Volume Purged (gal):	0.01	0.1	0.2	0.3	0.4	0.5	0.6	0.7				
Depth to Water (ft):	7.62	7.62	7.62	7.62	7.62	7.62	7.62	7.62				
Orion ORP: mV												
E_H												
Rel mV												
								Well Goes Dry While Purging ☐				

SAMPLE DATA

☐ Bailer ☐ Pump Description:

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW18 0812	8/15/12	1610	6		

Purging/Sampling Device Decon Process:

COMMENTS: PID = 0.0 ppm

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE:	**JOB NUMBER:** 0888812429	**PHASE:**	**TASK:**
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	**EVENT:** June 2012 Resample		
WELL ID: MW14	**LOCATION:** Carrier - Syracuse, New York		
WEATHER CONDITIONS:	**AMBIENT TEMP:**		
REVIEWED BY:	**PERSONNEL:** SG / RT		

WELL DIA: 2-inch	**WELL DEVELOPMENT**		
TOTAL DEPTH from TOC (ft.): 21.08	**START:**	**FINISH:**	
DEPTH TO WATER from TOC (ft.): 12.52	**VOLUME PURGED (gal):**		
LENGTH OF WATER COL. (ft.):	**GROUNDWATER SAMPLING**		
1 VOLUME OF WATER (gal):	**START:** 1647	**FINISH:**	
3 VOLUMES OF WATER (gal):	**VOLUME PURGED (gal):**		
	ANALYSIS: VOCs		

MNA FIELD RESULTS

FERROUS IRON	mg/L	**CHLORIDE**	mg/L		mg/L
SULFIDE	mg/L	**ALKALINITY**	mg/L		mg/L
SULFATE	mg/L	**CO_2**	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump **Description:** Peristaltic

Time (hh:mm):	1649	1652	1655	1658	1701	1704	1707						
pH (units):	6.87	6.76	6.74	6.74	6.76	6.77	6.77						
Conductivity (mS/cm):	1.68	1.60	1.59	1.59	1.59	1.60	1.62						
Turbidity (NTU):	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
DO (mg/L): Horiba	2.46	0.42	0.15	0.05	0.00	0.00	0.00						
YSI													
Temperature (C°):	23.92	21.35	20.82	20.58	20.41	20.30	20.07						
ORP (mV):	-83	-94	-98	-100	-103	-106	-107						
Volume Purged (gal):	0.05	0.10	0.20	0.30	0.40	0.50	0.60						
Depth to Water (ft):	12.82	13.12	13.33	13.54	13.70	13.89	14.08						
Orion ORP: mV													
E_H													
Rel mV													
								Well Goes Dry While Purging ☐					

SAMPLE DATA

☐ Bailer ☒ Pump **Description:** Peristaltic

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW14 0812	8/15/12	1710	6		
Purging/Sampling Device Decon Process:					

COMMENTS: PID @ 1645 = 0.0 ppm

Purge water placed in drum#_____

ENSAFE

WELL DEVELOPMENT & GROUNDWATER SAMPLING FORM

DATE: 8/15/12	JOB NUMBER: 0888812466	PHASE: PH04	TASK:
PROJECT: Carrier - Syracuse - Site Wide GW Sampling	EVENT: June 2012 Resample		
WELL ID: MW14D	LOCATION: Carrier - Syracuse, New York		
WEATHER CONDITIONS: Partly Cloudy	AMBIENT TEMP: 82°F		
REVIEWED BY:	PERSONNEL: SG / RT		

WELL DIA: 2-inch	WELL DEVELOPMENT	
TOTAL DEPTH from TOC (ft.): -	START:	FINISH:
DEPTH TO WATER from TOC (ft.): 5.68	VOLUME PURGED (gal):	
LENGTH OF WATER COL. (ft.):	GROUNDWATER SAMPLING	
1 VOLUME OF WATER (gal):	START: 1715	FINISH:
3 VOLUMES OF WATER (gal):	VOLUME PURGED (gal):	
	ANALYSIS: VOCs	

MNA FIELD RESULTS

FERROUS IRON	mg/L	CHLORIDE	mg/L		mg/L
SULFIDE	mg/L	ALKALINITY	mg/L		mg/L
SULFATE	mg/L	CO_2	mg/L		mg/L

IN-SITU TESTING

Circle one: DEVELOPMENT SAMPLING ☐ Bailer ☒ Pump Description: Monsoon

Time (hh:mm):	1717	1720	1723	1726	1729	1732	1735						
pH (units):	7.31	7.32	7.31	7.31	7.30	7.28	7.29						
Conductivity (mS/cm):	2.85	2.93	3.03	3.14	3.24	3.30	3.35						
Turbidity (NTU):	57.8	52.7	56.2	67.6	66.3	62.6	58.4						
DO (mg/L): Horiba	0.63	0.26	0.12	0.11	0.14	0.17	0.13						
YSI	—	—	—	—	—	—	—						
Temperature (C°):	19.66	20.20	20.72	21.56	22.45	22.85	23.34						
ORP (mV):	-71	-51	-43	-34	-25	-20	-16						
Volume Purged (gal):	0.1	0.2	0.3	0.4	0.5	0.6	0.7						
Depth to Water (ft):	7.55	7.91	8.03	8.05	8.07	8.07	8.08						
Orion ORP: mV													
E_H													
Rel mV													
								Well Goes Dry While Purging ☐					

SAMPLE DATA

☐ Bailer ☒ Pump Description: Monsoon

Sample ID	Date (m/d/y)	Time (hh:mm)	Bottles (total to lab)	Filtered (0.45 µm)	Remarks
CARGMW14D 0812	8/15/12	1740	3		
CARGFB01 0812	8/15/12	1505	3		

Purging/Sampling Device Decon Process:

COMMENTS:

Purge water placed in drum#_____

Appendix C
Laboratory Analytical Results

New England ACCUTEST LABORATORIES

08/31/12

Technical Report for

Ensafe

Carrier, Syracuse, NY

0888812466-PH04

Accutest Job Number: MC13230

Sampling Dates: 08/14/12 - 08/15/12

Report to:

Ensafe
220 Athens Way Suite 410
Nashville, TN 37217
mheflin@ensafe.com

ATTN: Met Heflin

Total number of pages in report: **124**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Matthew Morrell 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

Test results relate only to samples analyzed.

Sections: 1 2 3 4 5

Table of Contents

-1-

Accutest Laboratories

Sample Summary

Ensafe

Job No: MC13230

Carrier, Syracuse, NY
Project No: 0888812466-PH04

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC13230-1	08/14/12	09:35	SG	08/17/12	AQ	Ground Water	CARGMW170812
MC13230-2	08/14/12	11:07	SG	08/17/12	AQ	Ground Water	CARGMW210812
MC13230-3	08/14/12	13:20	SG	08/17/12	AQ	Ground Water	CARGMW100812
MC13230-4	08/14/12	14:10	SG	08/17/12	AQ	Ground Water	CARGMW190812
MC13230-5	08/14/12	15:15	SG	08/17/12	AQ	Ground Water	CARGMW060812
MC13230-6	08/14/12	16:35	SG	08/17/12	AQ	Ground Water	CARGMW22D0812
MC13230-7	08/14/12	17:20	SG	08/17/12	AQ	Ground Water	CARGMW350812
MC13230-8	08/15/12	08:40	SG	08/17/12	AQ	Ground Water	CARGMW16D0812
MC13230-9	08/15/12	10:30	SG	08/17/12	AQ	Ground Water	CARGMW090812
MC13230-10	08/15/12	11:30	SG	08/17/12	AQ	Ground Water	CARGMW200812
MC13230-11	08/15/12	13:35	SG	08/17/12	AQ	Ground Water	CARGMW3D0812
MC13230-12	08/15/12	13:35	SG	08/17/12	AQ	Ground Water	CARHMW3D0812
MC13230-13	08/15/12	14:12	SG	08/17/12	AQ	Ground Water	CARGMW13D0812

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Ensafe

Job No: MC13230

Carrier, Syracuse, NY
Project No: 0888812466-PH04

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
MC13230-14	08/15/12	15:10	SG	08/17/12	AQ	Ground Water	CARGMW05R0812
MC13230-15	08/15/12	16:10	SG	08/17/12	AQ	Ground Water	CARGMW180812
MC13230-16	08/15/12	17:10	SG	08/17/12	AQ	Ground Water	CARGMW140812
MC13230-17	08/15/12	17:40	SG	08/17/12	AQ	Ground Water	CARGMW14D0812
MC13230-18	08/15/12	18:05	SG	08/17/12	AQ	Equipment Blank	CARGEB010812
MC13230-19	08/15/12	00:00	SG	08/17/12	AQ	Trip Blank Water	CARGTB010812
MC13230-20	08/15/12	08:00	SG	08/17/12	SO	Soil	CARSMW05R0812

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: MC13230
Account: Ensafe
Project: Carrier, Syracuse, NY
Collected: 08/14/12 thru 08/15/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC13230-1	**CARGMW170812**					
No hits reported in this sample.						
MC13230-2	**CARGMW210812**					
No hits reported in this sample.						
MC13230-3	**CARGMW100812**					
Methyl Tert Butyl Ether		4.4	1.0		ug/l	SW846 8260B
MC13230-4	**CARGMW190812**					
No hits reported in this sample.						
MC13230-5	**CARGMW060812**					
No hits reported in this sample.						
MC13230-6	**CARGMW22D0812**					
No hits reported in this sample.						
MC13230-7	**CARGMW350812**					
1,1-Dichloroethane		26.3	1.0		ug/l	SW846 8260B
1,1-Dichloroethene		6.5	1.0		ug/l	SW846 8260B
cis-1,2-Dichloroethene		833	10		ug/l	SW846 8260B
Vinyl chloride		104	1.0		ug/l	SW846 8260B
MC13230-8	**CARGMW16D0812**					
No hits reported in this sample.						
MC13230-9	**CARGMW090812**					
1,1-Dichloroethane		1.5	1.0		ug/l	SW846 8260B
cis-1,2-Dichloroethene		1.6	1.0		ug/l	SW846 8260B
1,1,1-Trichloroethane		3.3	1.0		ug/l	SW846 8260B
Trichloroethene		5.1	1.0		ug/l	SW846 8260B
MC13230-10	**CARGMW200812**					
Chloroethane		83.1	2.0		ug/l	SW846 8260B

Summary of Hits

Job Number: MC13230
Account: Ensafe
Project: Carrier, Syracuse, NY
Collected: 08/14/12 thru 08/15/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Chloroform		1.5	1.0		ug/l	SW846 8260B
1,1-Dichloroethane		893	5.0		ug/l	SW846 8260B
1,1-Dichloroethene		153	1.0		ug/l	SW846 8260B
cis-1,2-Dichloroethene		487	5.0		ug/l	SW846 8260B
trans-1,2-Dichloroethene		32.4	1.0		ug/l	SW846 8260B
Tetrachloroethene		2.0	1.0		ug/l	SW846 8260B
1,1,1-Trichloroethane		9.2	1.0		ug/l	SW846 8260B
1,1,2-Trichloroethane		5.1	1.0		ug/l	SW846 8260B
Trichloroethene		243	1.0		ug/l	SW846 8260B
Vinyl chloride		285	1.0		ug/l	SW846 8260B
MC13230-11	**CARGMW3D0812**					
cis-1,2-Dichloroethene		13.7	1.0		ug/l	SW846 8260B
MC13230-12	**CARHMW3D0812**					
cis-1,2-Dichloroethene		10.4	1.0		ug/l	SW846 8260B
MC13230-13	**CARGMW13D0812**					
No hits reported in this sample.						
MC13230-14	**CARGMW05R0812**					
Acetone		9.9	5.0		ug/l	SW846 8260B
MC13230-15	**CARGMW180812**					
1,1-Dichloroethane		3.3	1.0		ug/l	SW846 8260B
1,1-Dichloroethene		7.5	1.0		ug/l	SW846 8260B
cis-1,2-Dichloroethene		1560	10		ug/l	SW846 8260B
trans-1,2-Dichloroethene		6.2	1.0		ug/l	SW846 8260B
Trichloroethene		241	1.0		ug/l	SW846 8260B
Vinyl chloride		368	1.0		ug/l	SW846 8260B
MC13230-16	**CARGMW140812**					
No hits reported in this sample.						
MC13230-17	**CARGMW14D0812**					
No hits reported in this sample.						

Summary of Hits

Job Number: MC13230
Account: Ensafe
Project: Carrier, Syracuse, NY
Collected: 08/14/12 thru 08/15/12

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

MC13230-18 CARGEB010812

No hits reported in this sample.

MC13230-19 CARGTB010812

No hits reported in this sample.

MC13230-20 CARSMW05R0812

No hits reported in this sample.

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	CARGMW170812		
Lab Sample ID:	MC13230-1	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63908.D	1	08/28/12	TT	n/a	n/a	MSP2083
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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: CARGMW170812
Lab Sample ID: MC13230-1
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/14/12
Date Received: 08/17/12
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%

ND = Not detected
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:	CARGMW170812		
Lab Sample ID:	MC13230-1	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%

ND = Not detected
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:	CARGMW210812		
Lab Sample ID:	MC13230-2	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63909.D	1	08/28/12	TT	n/a	n/a	MSP2083
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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: CARGMW210812
Lab Sample ID: MC13230-2
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/14/12
Date Received: 08/17/12
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%

ND = Not detected
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:	CARGMW210812		
Lab Sample ID:	MC13230-2	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

ND = Not detected
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:	CARGMW100812		
Lab Sample ID:	MC13230-3	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63910.D	1	08/28/12	TT	n/a	n/a	MSP2083
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGMW100812		
Lab Sample ID:	MC13230-3	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	4.4	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%

ND = Not detected
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:	CARGMW100812		
Lab Sample ID:	MC13230-3	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	102%		70-130%

ND = Not detected
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:	CARGMW190812		
Lab Sample ID:	MC13230-4	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63938.D	1	08/28/12	TT	n/a	n/a	MSP2084
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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: CARGMW190812
Lab Sample ID: MC13230-4
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/14/12
Date Received: 08/17/12
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%

ND = Not detected
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:	CARGMW190812		
Lab Sample ID:	MC13230-4	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	109%		70-130%

ND = Not detected
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:	CARGMW060812		
Lab Sample ID:	MC13230-5	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63912.D	1	08/28/12	TT	n/a	n/a	MSP2083
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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: CARGMW060812
Lab Sample ID: MC13230-5
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/14/12
Date Received: 08/17/12
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		70-130%

ND = Not detected
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:	CARGMW060812		
Lab Sample ID:	MC13230-5	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	106%		70-130%

ND = Not detected
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:	CARGMW22D0812		
Lab Sample ID:	MC13230-6	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63913.D	1	08/28/12	TT	n/a	n/a	MSP2083
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGMW22D0812		
Lab Sample ID:	MC13230-6	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%

ND = Not detected
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:	CARGMW22D0812		
Lab Sample ID:	MC13230-6	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected
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:	CARGMW350812		
Lab Sample ID:	MC13230-7	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63914.D	1	08/28/12	TT	n/a	n/a	MSP2083
Run #2	P63945.D	10	08/28/12	TT	n/a	n/a	MSP2084

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

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	26.3	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	6.5	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	833 [a]	10	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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: CARGMW350812
Lab Sample ID: MC13230-7
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/14/12
Date Received: 08/17/12
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	104	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	87%	70-130%

ND = Not detected
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:	CARGMW350812		
Lab Sample ID:	MC13230-7	**Date Sampled:**	08/14/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	97%	90%	70-130%
460-00-4	4-Bromofluorobenzene	102%	96%	70-130%

(a) Result is from Run# 2

ND = Not detected
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:	CARGMW16D0812		
Lab Sample ID:	MC13230-8	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63939.D	1	08/28/12	TT	n/a	n/a	MSP2084
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGMW16D0812		
Lab Sample ID:	MC13230-8	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%

ND = Not detected
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:	CARGMW16D0812		
Lab Sample ID:	MC13230-8	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	103%		70-130%
460-00-4	4-Bromofluorobenzene	108%		70-130%

ND = Not detected
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:	CARGMW090812		
Lab Sample ID:	MC13230-9	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63916.D	1	08/28/12	TT	n/a	n/a	MSP2083
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	1.5	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.6	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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: CARGMW090812
Lab Sample ID: MC13230-9
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	3.3	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	5.1	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%

ND = Not detected
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:	CARGMW090812		
Lab Sample ID:	MC13230-9	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected
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: CARGMW200812
Lab Sample ID: MC13230-10
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63963.D	1	08/29/12	TT	n/a	n/a	MSP2085
Run #2	L66393.D	5	08/30/12	JM	n/a	n/a	MSL3166

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

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	83.1	2.0	ug/l	
67-66-3	Chloroform	1.5	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	893 [a]	5.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	153	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	487 [a]	5.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	32.4	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGMW200812		
Lab Sample ID:	MC13230-10	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	2.0	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	9.2	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	5.1	1.0	ug/l	
79-01-6	Trichloroethene	243	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	285	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%	87%	70-130%

ND = Not detected
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:	CARGMW200812		
Lab Sample ID:	MC13230-10	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	99%	88%	70-130%
460-00-4	4-Bromofluorobenzene	104%	101%	70-130%

(a) Result is from Run# 2

ND = Not detected
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: CARGMW3D0812
Lab Sample ID: MC13230-11
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63964.D	1	08/29/12	TT	n/a	n/a	MSP2085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	13.7	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGMW3D0812		
Lab Sample ID:	MC13230-11	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%

ND = Not detected
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:	CARGMW3D0812		
Lab Sample ID:	MC13230-11	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	102%		70-130%

ND = Not detected
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: CARHMW3D0812
Lab Sample ID: MC13230-12
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63965.D	1	08/29/12	TT	n/a	n/a	MSP2085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	10.4	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARHMW3D0812		
Lab Sample ID:	MC13230-12	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%

ND = Not detected
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:	CARHMW3D0812		
Lab Sample ID:	MC13230-12	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	102%		70-130%

ND = Not detected
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: CARGMW13D0812
Lab Sample ID: MC13230-13
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63966.D	1	08/29/12	TT	n/a	n/a	MSP2085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGMW13D0812		
Lab Sample ID:	MC13230-13	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%

ND = Not detected
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:	CARGMW13D0812		
Lab Sample ID:	MC13230-13	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%

ND = Not detected
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:	CARGMW05R0812		
Lab Sample ID:	MC13230-14	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63967.D	1	08/29/12	TT	n/a	n/a	MSP2085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	9.9	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGMW05R0812		
Lab Sample ID:	MC13230-14	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		70-130%

ND = Not detected
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:	CARGMW05R0812		
Lab Sample ID:	MC13230-14	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%

ND = Not detected
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: CARGMW180812
Lab Sample ID: MC13230-15
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63968.D	1	08/29/12	TT	n/a	n/a	MSP2085
Run #2	L66394.D	10	08/30/12	JM	n/a	n/a	MSL3166

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

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	3.3	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	7.5	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	1560 [a]	10	ug/l	
156-60-5	trans-1,2-Dichloroethene	6.2	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGMW180812		
Lab Sample ID:	MC13230-15	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	241	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	368	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%	88%	70-130%

ND = Not detected
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:	CARGMW180812		
Lab Sample ID:	MC13230-15	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	98%	89%	70-130%
460-00-4	4-Bromofluorobenzene	105%	102%	70-130%

(a) Result is from Run# 2

ND = Not detected
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: CARGMW140812
Lab Sample ID: MC13230-16
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V10995.D	1	08/29/12	AMY	n/a	n/a	MSV456
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGMW140812		
Lab Sample ID:	MC13230-16	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%

ND = Not detected
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:	CARGMW140812		
Lab Sample ID:	MC13230-16	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected
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:	CARGMW14D0812		
Lab Sample ID:	MC13230-17	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63970.D	1	08/29/12	TT	n/a	n/a	MSP2085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGMW14D0812		
Lab Sample ID:	MC13230-17	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%

ND = Not detected
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:	CARGMW14D0812		
Lab Sample ID:	MC13230-17	**Date Sampled:**	08/15/12
Matrix:	AQ - Ground Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	96%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected
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: CARGEB010812
Lab Sample ID: MC13230-18
Matrix: AQ - Equipment Blank
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63971.D	1	08/29/12	TT	n/a	n/a	MSP2085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGEB010812		
Lab Sample ID:	MC13230-18	**Date Sampled:**	08/15/12
Matrix:	AQ - Equipment Blank	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%

ND = Not detected
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:	CARGEB010812		
Lab Sample ID:	MC13230-18	**Date Sampled:**	08/15/12
Matrix:	AQ - Equipment Blank	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected
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: CARGTB010812
Lab Sample ID: MC13230-19
Matrix: AQ - Trip Blank Water
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P63954.D	1	08/28/12	TT	n/a	n/a	MSP2085
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	

ND = Not detected
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:	CARGTB010812		
Lab Sample ID:	MC13230-19	**Date Sampled:**	08/15/12
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%

ND = Not detected
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:	CARGTB010812		
Lab Sample ID:	MC13230-19	**Date Sampled:**	08/15/12
Matrix:	AQ - Trip Blank Water	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	104%		70-130%

ND = Not detected
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: CARSMW05R0812
Lab Sample ID: MC13230-20
Matrix: SO - Soil
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: 78.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G119678.D	1	08/29/12	JS	n/a	n/a	MSG4785
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	10.0 g	10.0 ml	100 ul
Run #2			

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	390	ug/kg	
71-43-2	Benzene	ND	39	ug/kg	
108-86-1	Bromobenzene	ND	390	ug/kg	
74-97-5	Bromochloromethane	ND	390	ug/kg	
75-27-4	Bromodichloromethane	ND	160	ug/kg	
75-25-2	Bromoform	ND	160	ug/kg	
74-83-9	Bromomethane	ND	160	ug/kg	
78-93-3	2-Butanone (MEK)	ND	390	ug/kg	
104-51-8	n-Butylbenzene	ND	390	ug/kg	
135-98-8	sec-Butylbenzene	ND	390	ug/kg	
98-06-6	tert-Butylbenzene	ND	390	ug/kg	
75-15-0	Carbon disulfide	ND	390	ug/kg	
56-23-5	Carbon tetrachloride	ND	160	ug/kg	
108-90-7	Chlorobenzene	ND	160	ug/kg	
75-00-3	Chloroethane	ND	390	ug/kg	
67-66-3	Chloroform	ND	160	ug/kg	
74-87-3	Chloromethane	ND	390	ug/kg	
95-49-8	o-Chlorotoluene	ND	390	ug/kg	
106-43-4	p-Chlorotoluene	ND	390	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	390	ug/kg	
124-48-1	Dibromochloromethane	ND	160	ug/kg	
106-93-4	1,2-Dibromoethane	ND	160	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	160	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	160	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	160	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	160	ug/kg	
75-34-3	1,1-Dichloroethane	ND	160	ug/kg	
107-06-2	1,2-Dichloroethane	ND	160	ug/kg	
75-35-4	1,1-Dichloroethene	ND	160	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	160	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	160	ug/kg	
78-87-5	1,2-Dichloropropane	ND	160	ug/kg	

ND = Not detected
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: CARSMW05R0812
Lab Sample ID: MC13230-20
Matrix: SO - Soil
Method: SW846 8260B
Project: Carrier, Syracuse, NY

Date Sampled: 08/15/12
Date Received: 08/17/12
Percent Solids: 78.0

VOA 8260 List

CAS No.	Compound	Result	RL	Units	Q
142-28-9	1,3-Dichloropropane	ND	390	ug/kg	
594-20-7	2,2-Dichloropropane	ND	390	ug/kg	
563-58-6	1,1-Dichloropropene	ND	390	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	160	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	160	ug/kg	
100-41-4	Ethylbenzene	ND	160	ug/kg	
87-68-3	Hexachlorobutadiene	ND	390	ug/kg	
591-78-6	2-Hexanone	ND	390	ug/kg	
74-88-4	Iodomethane	ND	390	ug/kg	
98-82-8	Isopropylbenzene	ND	390	ug/kg	
99-87-6	p-Isopropyltoluene	ND	390	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	160	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	390	ug/kg	
74-95-3	Methylene bromide	ND	390	ug/kg	
75-09-2	Methylene chloride	ND	160	ug/kg	
91-20-3	Naphthalene	ND	390	ug/kg	
103-65-1	n-Propylbenzene	ND	390	ug/kg	
100-42-5	Styrene	ND	390	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	390	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	160	ug/kg	
127-18-4	Tetrachloroethene	ND	160	ug/kg	
108-88-3	Toluene	ND	390	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	390	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	390	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	160	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	160	ug/kg	
79-01-6	Trichloroethene	ND	160	ug/kg	
75-69-4	Trichlorofluoromethane	ND	160	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	390	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	390	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	390	ug/kg	
108-05-4	Vinyl Acetate	ND	390	ug/kg	
75-01-4	Vinyl chloride	ND	160	ug/kg	
	m,p-Xylene	ND	160	ug/kg	
95-47-6	o-Xylene	ND	160	ug/kg	
1330-20-7	Xylene (total)	ND	160	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%

ND = Not detected
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:	CARSMW05R0812		
Lab Sample ID:	MC13230-20	**Date Sampled:**	08/15/12
Matrix:	SO - Soil	**Date Received:**	08/17/12
Method:	SW846 8260B	**Percent Solids:**	78.0
Project:	Carrier, Syracuse, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	114%		70-130%

ND = Not detected
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

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
Tel: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

PAGE 1 OF 2

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest Job # MC13230

Client / Reporting Information

Company Name: EnSafe
Street Address: 220 Athens Way Suite 410
City: Nashville State: TN Zip: 37228
Project Contact: Meg Heflin E-mail: mheflin@ensafe.com
Phone #: 615-255-9300 Fax #:
Sampler(s) Name(s): Shane Goodnight 270-535-1055 Phone #:

Project Information

Project Name: Carrier-Syracuse
Street:
City: Syracuse State: NY
Project #: 08888120466-PH04
Client Purchase Order #: 13397
Project Manager: Meg Heflin

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC	LAB USE ONLY
-1	CARGMW170812		8/14/12	0935	SG	GW	3	3								X	
-2	CARGMW210812			1107			3	3								X	
-3	CARGMW100812			1320			3	3								X	
-4	CARGMW190812			1410			3	3								X	
-5	CARGMW060812			1515			3	3								X	
-6	CARGMW220812			1635			3	3								X	
-7	CARGMW350812		8/14/12	1720			3	3								X	
-8	CARGMW160812		8/15/12	0840			3	3								X	5H4,5H6
-9	CARGMW040812			1030			3	3								X	11F
-10	CARGMW200812			1130			3	3								X	
-11	CARGMW300812			1335			3	3								X	
-12	CARHMW300812		8/15/12	1335	V	V	3	3								X	

Turnaround Time (Business days)

- [X] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 6 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [X] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

~~SYRACUSE SC~~

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler	Date/Time	Received By	Relinquished By	Date Time	Received By
1		8/16/12 0835	1	2	8/16/12 1400	2 FedEx
3	FEDX	8/17/12 930	3	4	Date Time:	4
5	Relinquished by:	Date Time:	5 Received By:	Custody Seal #	Intact / Not intact	Preserved where applicable	On Ice 2.1	Cooler Temp. 2.5

MC13230: Chain of Custody
Page 1 of 3

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

2235 Route 130, Dayton, NJ 08810
Tel: 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

PAGE 2 OF 2

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest Job # MC13230

Client / Reporting Information

Company Name: EnSafe
Street Address: 220 Athens Way Suite 410
City / State / Zip: Nashville TN 37228
Project Contact / E-mail: MayHeflin mheflin@ensafe.com
Phone # / Fax #: 615-255-9300
Sampler(s) Name(s) / Phone #: Shane Goodnight 270-535-4055

Project Information

Project Name: Carrier - Syracuse
Street:
City / State: Syracuse NY
Project #: 08888124 46-PN04
Client Purchase Order #: 13397
Project Manager: MayHeflin

Billing Information (if different from Report to)

Company Name:
Street Address:
City / State / Zip:
Attention:

Requested Analysis (see TEST CODE sheet)

VOC

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	VOC	LAB USE ONLY
-13	CARGMW13D0812		8/15/12	1412	SG	GW	3	3								X	
-14	CARGMW05R0812			1510			3	3								X	
-15	CARGMW18 0812			1610			3	3								X	
-16	CARGMW14 0812			1710			3	3								X	
-17	CARGMW14D0812			1740			3	3								X	
-18	CARGEB01 0812		8/15/12	1805			3	3								X	
-19	CARGTB01 0812		8/15/12	—	—	—	2	2								X	
-20	CARSMW05R0812		8/15/12	0800	SG	SO	1					1				X	

Turnaround Time (Business days)

- [X] Std. 15 Business Days
- [ ] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [X] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

Comments / Special Instructions

SYRACUSE SC

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		8/16/12 0835	1	2	8/16/12 PM	2 FEDEX
3	FedEx	8-17-12 938	3 Bay Mon	4		4
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not Intact	Preserved where applicable	On Ice ✓	Cooler Temp. 3c
			5				2.1	2.5

MC13230: Chain of Custody
Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC13230 **Client:** ENSAFE **Immediate Client Services Action Required:** No

Date / Time Received: 8/17/2012 **Delivery Method:** **Client Service Action Required at Login:** No

Project: CARRIER- SYRACUSE **No. Coolers:** 3 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservatio	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

New England ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2083-MB	P63902.D	1	08/27/12	TT	n/a	n/a	MSP2083

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-1, MC13230-2, MC13230-3, MC13230-5, MC13230-6, MC13230-7, MC13230-9

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2083-MB	P63902.D	1	08/27/12	TT	n/a	n/a	MSP2083

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-1, MC13230-2, MC13230-3, MC13230-5, MC13230-6, MC13230-7, MC13230-9

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2083-MB	P63902.D	1	08/27/12	TT	n/a	n/a	MSP2083

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-1, MC13230-2, MC13230-3, MC13230-5, MC13230-6, MC13230-7, MC13230-9

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	94%	70-130%
2037-26-5	Toluene-D8	95%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2084-MB	P63927.D	1	08/28/12	TT	n/a	n/a	MSP2084

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-4, MC13230-7, MC13230-8

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2084-MB	P63927.D	1	08/28/12	TT	n/a	n/a	MSP2084

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-4, MC13230-7, MC13230-8

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2084-MB	P63927.D	1	08/28/12	TT	n/a	n/a	MSP2084

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-4, MC13230-7, MC13230-8

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2085-MB	P63953.D	1	08/28/12	TT	n/a	n/a	MSP2085

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-11, MC13230-12, MC13230-13, MC13230-14, MC13230-15, MC13230-17, MC13230-18, MC13230-19

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2085-MB	P63953.D	1	08/28/12	TT	n/a	n/a	MSP2085

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-11, MC13230-12, MC13230-13, MC13230-14, MC13230-15, MC13230-17, MC13230-18, MC13230-19

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2085-MB	P63953.D	1	08/28/12	TT	n/a	n/a	MSP2085

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-11, MC13230-12, MC13230-13, MC13230-14, MC13230-15, MC13230-17, MC13230-18, MC13230-19

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	103%	70-130%

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV456-MB	V10985.D	1	08/29/12	AMY	n/a	n/a	MSV456

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-16

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
108-86-1	Bromobenzene	ND	5.0	ug/l	
74-97-5	Bromochloromethane	ND	5.0	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	ug/l	
75-25-2	Bromoform	ND	1.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	ug/l	
108-90-7	Chlorobenzene	ND	1.0	ug/l	
75-00-3	Chloroethane	ND	2.0	ug/l	
67-66-3	Chloroform	ND	1.0	ug/l	
74-87-3	Chloromethane	ND	2.0	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
142-28-9	1,3-Dichloropropane	ND	5.0	ug/l	
594-20-7	2,2-Dichloropropane	ND	5.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	5.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV456-MB	V10985.D	1	08/29/12	AMY	n/a	n/a	MSV456

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-16

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
74-88-4	Iodomethane	ND	5.0	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
74-95-3	Methylene bromide	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
91-20-3	Naphthalene	ND	5.0	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ug/l	
79-01-6	Trichloroethene	ND	1.0	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	ug/l	
108-05-4	Vinyl Acetate	ND	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	ug/l	
	m,p-Xylene	ND	1.0	ug/l	
95-47-6	o-Xylene	ND	1.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV456-MB	V10985.D	1	08/29/12	AMY	n/a	n/a	MSV456

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-16

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	96%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	97%	70-130%

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4785-MB	G119665.D	1	08/29/12	JS	n/a	n/a	MSG4785

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-20

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	250	ug/kg	
71-43-2	Benzene	ND	25	ug/kg	
108-86-1	Bromobenzene	ND	250	ug/kg	
74-97-5	Bromochloromethane	ND	250	ug/kg	
75-27-4	Bromodichloromethane	ND	100	ug/kg	
75-25-2	Bromoform	ND	100	ug/kg	
74-83-9	Bromomethane	ND	100	ug/kg	
78-93-3	2-Butanone (MEK)	ND	250	ug/kg	
104-51-8	n-Butylbenzene	ND	250	ug/kg	
135-98-8	sec-Butylbenzene	ND	250	ug/kg	
98-06-6	tert-Butylbenzene	ND	250	ug/kg	
75-15-0	Carbon disulfide	ND	250	ug/kg	
56-23-5	Carbon tetrachloride	ND	100	ug/kg	
108-90-7	Chlorobenzene	ND	100	ug/kg	
75-00-3	Chloroethane	ND	250	ug/kg	
67-66-3	Chloroform	ND	100	ug/kg	
74-87-3	Chloromethane	ND	250	ug/kg	
95-49-8	o-Chlorotoluene	ND	250	ug/kg	
106-43-4	p-Chlorotoluene	ND	250	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	ug/kg	
124-48-1	Dibromochloromethane	ND	100	ug/kg	
106-93-4	1,2-Dibromoethane	ND	100	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	100	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	100	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	100	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	100	ug/kg	
75-34-3	1,1-Dichloroethane	ND	100	ug/kg	
107-06-2	1,2-Dichloroethane	ND	100	ug/kg	
75-35-4	1,1-Dichloroethene	ND	100	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	100	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	100	ug/kg	
78-87-5	1,2-Dichloropropane	ND	100	ug/kg	
142-28-9	1,3-Dichloropropane	ND	250	ug/kg	
594-20-7	2,2-Dichloropropane	ND	250	ug/kg	
563-58-6	1,1-Dichloropropene	ND	250	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	100	ug/kg	

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4785-MB	G119665.D	1	08/29/12	JS	n/a	n/a	MSG4785

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-20

CAS No.	Compound	Result	RL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	100	ug/kg	
100-41-4	Ethylbenzene	ND	100	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	ug/kg	
591-78-6	2-Hexanone	ND	250	ug/kg	
74-88-4	Iodomethane	ND	250	ug/kg	
98-82-8	Isopropylbenzene	ND	250	ug/kg	
99-87-6	p-Isopropyltoluene	ND	250	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	100	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	250	ug/kg	
74-95-3	Methylene bromide	ND	250	ug/kg	
75-09-2	Methylene chloride	ND	100	ug/kg	
91-20-3	Naphthalene	ND	250	ug/kg	
103-65-1	n-Propylbenzene	ND	250	ug/kg	
100-42-5	Styrene	ND	250	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	250	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	100	ug/kg	
127-18-4	Tetrachloroethene	ND	100	ug/kg	
108-88-3	Toluene	ND	250	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	250	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	100	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	100	ug/kg	
79-01-6	Trichloroethene	ND	100	ug/kg	
75-69-4	Trichlorofluoromethane	ND	100	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	250	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	250	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	250	ug/kg	
108-05-4	Vinyl Acetate	ND	250	ug/kg	
75-01-4	Vinyl chloride	ND	100	ug/kg	
	m,p-Xylene	ND	100	ug/kg	
95-47-6	o-Xylene	ND	100	ug/kg	
1330-20-7	Xylene (total)	ND	100	ug/kg	

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4785-MB	G119665.D	1	08/29/12	JS	n/a	n/a	MSG4785

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-20

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	102%	70-130%
460-00-4	4-Bromofluorobenzene	114%	70-130%

Method Blank Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL3166-MB	L66391.D	1	08/29/12	JM	n/a	n/a	MSL3166

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-15

CAS No.	Compound	Result	RL	Units	Q
75-34-3	1,1-Dichloroethane	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	109%	70-130%

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2083-BS	P63900.D	1	08/27/12	TT	n/a	n/a	MSP2083

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-1, MC13230-2, MC13230-3, MC13230-5, MC13230-6, MC13230-7, MC13230-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	49.8	100	70-130
71-43-2	Benzene	50	46.5	93	70-130
108-86-1	Bromobenzene	50	47.6	95	70-130
74-97-5	Bromochloromethane	50	50.7	101	70-130
75-27-4	Bromodichloromethane	50	48.0	96	70-130
75-25-2	Bromoform	50	44.0	88	70-130
74-83-9	Bromomethane	50	39.2	78	70-130
78-93-3	2-Butanone (MEK)	50	47.0	94	70-130
104-51-8	n-Butylbenzene	50	49.0	98	70-130
135-98-8	sec-Butylbenzene	50	52.1	104	70-130
98-06-6	tert-Butylbenzene	50	52.3	105	70-130
75-15-0	Carbon disulfide	50	49.1	98	70-130
56-23-5	Carbon tetrachloride	50	49.4	99	70-130
108-90-7	Chlorobenzene	50	49.6	99	70-130
75-00-3	Chloroethane	50	50.9	102	70-130
67-66-3	Chloroform	50	49.1	98	70-130
74-87-3	Chloromethane	50	47.5	95	70-130
95-49-8	o-Chlorotoluene	50	50.9	102	70-130
106-43-4	p-Chlorotoluene	50	52.9	106	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	47.7	95	70-130
124-48-1	Dibromochloromethane	50	48.3	97	70-130
106-93-4	1,2-Dibromoethane	50	49.8	100	70-130
95-50-1	1,2-Dichlorobenzene	50	50.0	100	70-130
541-73-1	1,3-Dichlorobenzene	50	49.4	99	70-130
106-46-7	1,4-Dichlorobenzene	50	47.3	95	70-130
75-71-8	Dichlorodifluoromethane	50	70.0	140* [a]	70-130
75-34-3	1,1-Dichloroethane	50	50.4	101	70-130
107-06-2	1,2-Dichloroethane	50	49.5	99	70-130
75-35-4	1,1-Dichloroethene	50	50.0	100	70-130
156-59-2	cis-1,2-Dichloroethene	50	46.8	94	70-130
156-60-5	trans-1,2-Dichloroethene	50	47.2	94	70-130
78-87-5	1,2-Dichloropropane	50	49.8	100	70-130
142-28-9	1,3-Dichloropropane	50	49.1	98	70-130
594-20-7	2,2-Dichloropropane	50	40.2	80	70-130
563-58-6	1,1-Dichloropropene	50	52.6	105	70-130
10061-01-5	cis-1,3-Dichloropropene	50	43.5	87	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2083-BS	P63900.D	1	08/27/12	TT	n/a	n/a	MSP2083

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-1, MC13230-2, MC13230-3, MC13230-5, MC13230-6, MC13230-7, MC13230-9

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	45.5	91	70-130
100-41-4	Ethylbenzene	50	48.6	97	70-130
87-68-3	Hexachlorobutadiene	50	44.3	89	70-130
591-78-6	2-Hexanone	50	55.6	111	70-130
74-88-4	Iodomethane	50	39.4	79	70-130
98-82-8	Isopropylbenzene	50	52.6	105	70-130
99-87-6	p-Isopropyltoluene	50	49.3	99	70-130
1634-04-4	Methyl Tert Butyl Ether	50	43.9	88	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	50.5	101	70-130
74-95-3	Methylene bromide	50	48.7	97	70-130
75-09-2	Methylene chloride	50	46.7	93	70-130
91-20-3	Naphthalene	50	49.6	99	70-130
103-65-1	n-Propylbenzene	50	52.3	105	70-130
100-42-5	Styrene	50	49.6	99	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	50.3	101	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	52.0	104	70-130
127-18-4	Tetrachloroethene	50	49.4	99	70-130
108-88-3	Toluene	50	48.5	97	70-130
87-61-6	1,2,3-Trichlorobenzene	50	49.2	98	70-130
120-82-1	1,2,4-Trichlorobenzene	50	45.7	91	70-130
71-55-6	1,1,1-Trichloroethane	50	49.2	98	70-130
79-00-5	1,1,2-Trichloroethane	50	50.8	102	70-130
79-01-6	Trichloroethene	50	48.1	96	70-130
75-69-4	Trichlorofluoromethane	50	55.3	111	70-130
96-18-4	1,2,3-Trichloropropane	50	49.6	99	70-130
95-63-6	1,2,4-Trimethylbenzene	50	48.5	97	70-130
108-67-8	1,3,5-Trimethylbenzene	50	46.5	93	70-130
108-05-4	Vinyl Acetate	50	49.0	98	70-130
75-01-4	Vinyl chloride	50	50.4	101	70-130
	m,p-Xylene	100	101	101	70-130
95-47-6	o-Xylene	50	51.4	103	70-130
1330-20-7	Xylene (total)	150	153	102	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2083-BS	P63900.D	1	08/27/12	TT	n/a	n/a	MSP2083

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-1, MC13230-2, MC13230-3, MC13230-5, MC13230-6, MC13230-7, MC13230-9

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2084-BS	P63925.D	1	08/28/12	TT	n/a	n/a	MSP2084

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-4, MC13230-7, MC13230-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	62.3	125	70-130
71-43-2	Benzene	50	46.0	92	70-130
108-86-1	Bromobenzene	50	46.9	94	70-130
74-97-5	Bromochloromethane	50	48.4	97	70-130
75-27-4	Bromodichloromethane	50	49.7	99	70-130
75-25-2	Bromoform	50	43.9	88	70-130
74-83-9	Bromomethane	50	42.0	84	70-130
78-93-3	2-Butanone (MEK)	50	51.5	103	70-130
104-51-8	n-Butylbenzene	50	46.9	94	70-130
135-98-8	sec-Butylbenzene	50	50.8	102	70-130
98-06-6	tert-Butylbenzene	50	52.6	105	70-130
75-15-0	Carbon disulfide	50	48.0	96	70-130
56-23-5	Carbon tetrachloride	50	51.3	103	70-130
108-90-7	Chlorobenzene	50	47.0	94	70-130
75-00-3	Chloroethane	50	49.8	100	70-130
67-66-3	Chloroform	50	50.5	101	70-130
74-87-3	Chloromethane	50	49.7	99	70-130
95-49-8	o-Chlorotoluene	50	49.8	100	70-130
106-43-4	p-Chlorotoluene	50	51.6	103	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	50.5	101	70-130
124-48-1	Dibromochloromethane	50	47.1	94	70-130
106-93-4	1,2-Dibromoethane	50	49.2	98	70-130
95-50-1	1,2-Dichlorobenzene	50	49.4	99	70-130
541-73-1	1,3-Dichlorobenzene	50	48.2	96	70-130
106-46-7	1,4-Dichlorobenzene	50	46.1	92	70-130
75-71-8	Dichlorodifluoromethane	50	72.1	144* [a]	70-130
75-34-3	1,1-Dichloroethane	50	50.2	100	70-130
107-06-2	1,2-Dichloroethane	50	53.8	108	70-130
75-35-4	1,1-Dichloroethene	50	48.9	98	70-130
156-59-2	cis-1,2-Dichloroethene	50	46.5	93	70-130
156-60-5	trans-1,2-Dichloroethene	50	46.3	93	70-130
78-87-5	1,2-Dichloropropane	50	49.4	99	70-130
142-28-9	1,3-Dichloropropane	50	48.2	96	70-130
594-20-7	2,2-Dichloropropane	50	37.9	76	70-130
563-58-6	1,1-Dichloropropene	50	52.0	104	70-130
10061-01-5	cis-1,3-Dichloropropene	50	42.7	85	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2084-BS	P63925.D	1	08/28/12	TT	n/a	n/a	MSP2084

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-4, MC13230-7, MC13230-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	45.4	91	70-130
100-41-4	Ethylbenzene	50	45.8	92	70-130
87-68-3	Hexachlorobutadiene	50	42.4	85	70-130
591-78-6	2-Hexanone	50	58.9	118	70-130
74-88-4	Iodomethane	50	36.2	72	70-130
98-82-8	Isopropylbenzene	50	51.0	102	70-130
99-87-6	p-Isopropyltoluene	50	48.3	97	70-130
1634-04-4	Methyl Tert Butyl Ether	50	48.9	98	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	56.6	113	70-130
74-95-3	Methylene bromide	50	51.4	103	70-130
75-09-2	Methylene chloride	50	45.7	91	70-130
91-20-3	Naphthalene	50	48.2	96	70-130
103-65-1	n-Propylbenzene	50	50.7	101	70-130
100-42-5	Styrene	50	47.5	95	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	49.7	99	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	52.5	105	70-130
127-18-4	Tetrachloroethene	50	45.4	91	70-130
108-88-3	Toluene	50	47.7	95	70-130
87-61-6	1,2,3-Trichlorobenzene	50	49.2	98	70-130
120-82-1	1,2,4-Trichlorobenzene	50	44.9	90	70-130
71-55-6	1,1,1-Trichloroethane	50	50.9	102	70-130
79-00-5	1,1,2-Trichloroethane	50	51.5	103	70-130
79-01-6	Trichloroethene	50	48.3	97	70-130
75-69-4	Trichlorofluoromethane	50	57.3	115	70-130
96-18-4	1,2,3-Trichloropropane	50	51.0	102	70-130
95-63-6	1,2,4-Trimethylbenzene	50	46.3	93	70-130
108-67-8	1,3,5-Trimethylbenzene	50	45.7	91	70-130
108-05-4	Vinyl Acetate	50	45.5	91	70-130
75-01-4	Vinyl chloride	50	52.1	104	70-130
	m,p-Xylene	100	94.5	95	70-130
95-47-6	o-Xylene	50	49.9	100	70-130
1330-20-7	Xylene (total)	150	144	96	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2084-BS	P63925.D	1	08/28/12	TT	n/a	n/a	MSP2084

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-4, MC13230-7, MC13230-8

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	102%	70-130%
460-00-4	4-Bromofluorobenzene	99%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2085-BS	P63950.D	1	08/28/12	TT	n/a	n/a	MSP2085

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-11, MC13230-12, MC13230-13, MC13230-14, MC13230-15, MC13230-17, MC13230-18, MC13230-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	50.9	102	70-130
71-43-2	Benzene	50	45.5	91	70-130
108-86-1	Bromobenzene	50	47.8	96	70-130
74-97-5	Bromochloromethane	50	48.1	96	70-130
75-27-4	Bromodichloromethane	50	48.3	97	70-130
75-25-2	Bromoform	50	43.4	87	70-130
74-83-9	Bromomethane	50	39.5	79	70-130
78-93-3	2-Butanone (MEK)	50	47.5	95	70-130
104-51-8	n-Butylbenzene	50	50.0	100	70-130
135-98-8	sec-Butylbenzene	50	52.4	105	70-130
98-06-6	tert-Butylbenzene	50	53.1	106	70-130
75-15-0	Carbon disulfide	50	46.9	94	70-130
56-23-5	Carbon tetrachloride	50	49.4	99	70-130
108-90-7	Chlorobenzene	50	48.6	97	70-130
75-00-3	Chloroethane	50	46.4	93	70-130
67-66-3	Chloroform	50	49.3	99	70-130
74-87-3	Chloromethane	50	48.4	97	70-130
95-49-8	o-Chlorotoluene	50	51.3	103	70-130
106-43-4	p-Chlorotoluene	50	52.9	106	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	49.7	99	70-130
124-48-1	Dibromochloromethane	50	47.8	96	70-130
106-93-4	1,2-Dibromoethane	50	49.7	99	70-130
95-50-1	1,2-Dichlorobenzene	50	50.2	100	70-130
541-73-1	1,3-Dichlorobenzene	50	49.7	99	70-130
106-46-7	1,4-Dichlorobenzene	50	47.3	95	70-130
75-71-8	Dichlorodifluoromethane	50	71.4	143* [a]	70-130
75-34-3	1,1-Dichloroethane	50	48.8	98	70-130
107-06-2	1,2-Dichloroethane	50	50.7	101	70-130
75-35-4	1,1-Dichloroethene	50	47.8	96	70-130
156-59-2	cis-1,2-Dichloroethene	50	46.8	94	70-130
156-60-5	trans-1,2-Dichloroethene	50	45.2	90	70-130
78-87-5	1,2-Dichloropropane	50	48.9	98	70-130
142-28-9	1,3-Dichloropropane	50	48.7	97	70-130
594-20-7	2,2-Dichloropropane	50	42.4	85	70-130
563-58-6	1,1-Dichloropropene	50	51.4	103	70-130
10061-01-5	cis-1,3-Dichloropropene	50	43.7	87	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2085-BS	P63950.D	1	08/28/12	TT	n/a	n/a	MSP2085

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-11, MC13230-12, MC13230-13, MC13230-14, MC13230-15, MC13230-17, MC13230-18, MC13230-19

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	46.0	92	70-130
100-41-4	Ethylbenzene	50	47.3	95	70-130
87-68-3	Hexachlorobutadiene	50	45.3	91	70-130
591-78-6	2-Hexanone	50	55.3	111	70-130
74-88-4	Iodomethane	50	36.4	73	70-130
98-82-8	Isopropylbenzene	50	52.7	105	70-130
99-87-6	p-Isopropyltoluene	50	50.1	100	70-130
1634-04-4	Methyl Tert Butyl Ether	50	46.1	92	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	51.8	104	70-130
74-95-3	Methylene bromide	50	49.1	98	70-130
75-09-2	Methylene chloride	50	45.0	90	70-130
91-20-3	Naphthalene	50	49.4	99	70-130
103-65-1	n-Propylbenzene	50	52.7	105	70-130
100-42-5	Styrene	50	48.8	98	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	50.1	100	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	53.0	106	70-130
127-18-4	Tetrachloroethene	50	48.0	96	70-130
108-88-3	Toluene	50	48.2	96	70-130
87-61-6	1,2,3-Trichlorobenzene	50	50.1	100	70-130
120-82-1	1,2,4-Trichlorobenzene	50	46.3	93	70-130
71-55-6	1,1,1-Trichloroethane	50	48.9	98	70-130
79-00-5	1,1,2-Trichloroethane	50	50.9	102	70-130
79-01-6	Trichloroethene	50	46.9	94	70-130
75-69-4	Trichlorofluoromethane	50	54.2	108	70-130
96-18-4	1,2,3-Trichloropropane	50	51.4	103	70-130
95-63-6	1,2,4-Trimethylbenzene	50	47.2	94	70-130
108-67-8	1,3,5-Trimethylbenzene	50	47.1	94	70-130
108-05-4	Vinyl Acetate	50	50.7	101	70-130
75-01-4	Vinyl chloride	50	48.6	97	70-130
	m,p-Xylene	100	97.7	98	70-130
95-47-6	o-Xylene	50	50.8	102	70-130
1330-20-7	Xylene (total)	150	148	99	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSP2085-BS	P63950.D	1	08/28/12	TT	n/a	n/a	MSP2085

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-11, MC13230-12, MC13230-13, MC13230-14, MC13230-15, MC13230-17, MC13230-18, MC13230-19

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	100%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV456-BS	V10983.D	1	08/29/12	AMY	n/a	n/a	MSV456

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	50	39.7	79	70-130
71-43-2	Benzene	50	49.6	99	70-130
108-86-1	Bromobenzene	50	53.4	107	70-130
74-97-5	Bromochloromethane	50	49.9	100	70-130
75-27-4	Bromodichloromethane	50	49.5	99	70-130
75-25-2	Bromoform	50	47.5	95	70-130
74-83-9	Bromomethane	50	60.0	120	70-130
78-93-3	2-Butanone (MEK)	50	41.8	84	70-130
104-51-8	n-Butylbenzene	50	55.4	111	70-130
135-98-8	sec-Butylbenzene	50	58.9	118	70-130
98-06-6	tert-Butylbenzene	50	57.0	114	70-130
75-15-0	Carbon disulfide	50	70.6	141* [a]	70-130
56-23-5	Carbon tetrachloride	50	48.8	98	70-130
108-90-7	Chlorobenzene	50	56.4	113	70-130
75-00-3	Chloroethane	50	56.9	114	70-130
67-66-3	Chloroform	50	52.2	104	70-130
74-87-3	Chloromethane	50	58.8	118	70-130
95-49-8	o-Chlorotoluene	50	54.2	108	70-130
106-43-4	p-Chlorotoluene	50	55.6	111	70-130
96-12-8	1,2-Dibromo-3-chloropropane	50	42.4	85	70-130
124-48-1	Dibromochloromethane	50	46.0	92	70-130
106-93-4	1,2-Dibromoethane	50	47.9	96	70-130
95-50-1	1,2-Dichlorobenzene	50	55.2	110	70-130
541-73-1	1,3-Dichlorobenzene	50	55.0	110	70-130
106-46-7	1,4-Dichlorobenzene	50	50.6	101	70-130
75-71-8	Dichlorodifluoromethane	50	78.7	157* [a]	70-130
75-34-3	1,1-Dichloroethane	50	50.7	101	70-130
107-06-2	1,2-Dichloroethane	50	47.5	95	70-130
75-35-4	1,1-Dichloroethene	50	55.8	112	70-130
156-59-2	cis-1,2-Dichloroethene	50	50.4	101	70-130
156-60-5	trans-1,2-Dichloroethene	50	50.7	101	70-130
78-87-5	1,2-Dichloropropane	50	50.9	102	70-130
142-28-9	1,3-Dichloropropane	50	50.0	100	70-130
594-20-7	2,2-Dichloropropane	50	39.0	78	70-130
563-58-6	1,1-Dichloropropene	50	53.1	106	70-130
10061-01-5	cis-1,3-Dichloropropene	50	41.9	84	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV456-BS	V10983.D	1	08/29/12	AMY	n/a	n/a	MSV456

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-16

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
10061-02-6	trans-1,3-Dichloropropene	50	41.7	83	70-130
100-41-4	Ethylbenzene	50	54.4	109	70-130
87-68-3	Hexachlorobutadiene	50	52.1	104	70-130
591-78-6	2-Hexanone	50	42.9	86	70-130
74-88-4	Iodomethane	50	68.6	137* [a]	70-130
98-82-8	Isopropylbenzene	50	57.3	115	70-130
99-87-6	p-Isopropyltoluene	50	56.5	113	70-130
1634-04-4	Methyl Tert Butyl Ether	50	47.1	94	70-130
108-10-1	4-Methyl-2-pentanone (MIBK)	50	41.7	83	70-130
74-95-3	Methylene bromide	50	50.8	102	70-130
75-09-2	Methylene chloride	50	49.3	99	70-130
91-20-3	Naphthalene	50	47.0	94	70-130
103-65-1	n-Propylbenzene	50	57.4	115	70-130
100-42-5	Styrene	50	55.5	111	70-130
630-20-6	1,1,1,2-Tetrachloroethane	50	50.0	100	70-130
79-34-5	1,1,2,2-Tetrachloroethane	50	44.3	89	70-130
127-18-4	Tetrachloroethene	50	50.6	101	70-130
108-88-3	Toluene	50	50.2	100	70-130
87-61-6	1,2,3-Trichlorobenzene	50	52.9	106	70-130
120-82-1	1,2,4-Trichlorobenzene	50	54.1	108	70-130
71-55-6	1,1,1-Trichloroethane	50	50.7	101	70-130
79-00-5	1,1,2-Trichloroethane	50	49.7	99	70-130
79-01-6	Trichloroethene	50	52.2	104	70-130
75-69-4	Trichlorofluoromethane	50	62.3	125	70-130
96-18-4	1,2,3-Trichloropropane	50	40.7	81	70-130
95-63-6	1,2,4-Trimethylbenzene	50	51.1	102	70-130
108-67-8	1,3,5-Trimethylbenzene	50	51.6	103	70-130
108-05-4	Vinyl Acetate	50	44.1	88	70-130
75-01-4	Vinyl chloride	50	54.3	109	70-130
	m,p-Xylene	100	110	110	70-130
95-47-6	o-Xylene	50	57.1	114	70-130
1330-20-7	Xylene (total)	150	167	111	70-130

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSV456-BS	V10983.D	1	08/29/12	AMY	n/a	n/a	MSV456

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-16

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	70-130%
2037-26-5	Toluene-D8	100%	70-130%
460-00-4	4-Bromofluorobenzene	98%	70-130%

(a) Outside control limits. Blank Spike meets program technical requirements.

* = Outside of Control Limits.

Blank Spike Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSL3166-BS	L66389.D	1	08/29/12	JM	n/a	n/a	MSL3166

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-15

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
75-34-3	1,1-Dichloroethane	50	59.1	118	70-130
156-59-2	cis-1,2-Dichloroethene	50	52.5	105	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	98%	70-130%
2037-26-5	Toluene-D8	102%	70-130%
460-00-4	4-Bromofluorobenzene	102%	70-130%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4785-BS	G119662.D	1	08/29/12	JS	n/a	n/a	MSG4785
MSG4785-BSD	G119663.D	1	08/29/12	JS	n/a	n/a	MSG4785

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-20

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	2500	2090	84	2190	88	5	70-130/25
71-43-2	Benzene	2500	2400	96	2290	92	5	70-130/25
108-86-1	Bromobenzene	2500	2790	112	2740	110	2	70-130/25
74-97-5	Bromochloromethane	2500	2420	97	2230	89	8	70-130/25
75-27-4	Bromodichloromethane	2500	2480	99	2380	95	4	70-130/25
75-25-2	Bromoform	2500	2670	107	2620	105	2	70-130/25
74-83-9	Bromomethane	2500	2400	96	2290	92	5	70-130/25
78-93-3	2-Butanone (MEK)	2500	2510	100	2360	94	6	70-130/25
104-51-8	n-Butylbenzene	2500	2690	108	2530	101	6	70-130/25
135-98-8	sec-Butylbenzene	2500	2960	118	2830	113	4	70-130/25
98-06-6	tert-Butylbenzene	2500	2850	114	2750	110	4	70-130/25
75-15-0	Carbon disulfide	2500	2260	90	2080	83	8	70-130/25
56-23-5	Carbon tetrachloride	2500	2380	95	2240	90	6	70-130/25
108-90-7	Chlorobenzene	2500	2900	116	2780	111	4	70-130/25
75-00-3	Chloroethane	2500	2380	95	2260	90	5	70-130/25
67-66-3	Chloroform	2500	2390	96	2250	90	6	70-130/25
74-87-3	Chloromethane	2500	2610	104	2490	100	5	70-130/25
95-49-8	o-Chlorotoluene	2500	2860	114	2740	110	4	70-130/25
106-43-4	p-Chlorotoluene	2500	3010	120	2980	119	1	70-130/25
96-12-8	1,2-Dibromo-3-chloropropane	2500	2810	112	2820	113	0	70-130/25
124-48-1	Dibromochloromethane	2500	2740	110	2690	108	2	70-130/25
106-93-4	1,2-Dibromoethane	2500	2720	109	2650	106	3	70-130/25
95-50-1	1,2-Dichlorobenzene	2500	2960	118	2910	116	2	70-130/25
541-73-1	1,3-Dichlorobenzene	2500	2970	119	2890	116	3	70-130/25
106-46-7	1,4-Dichlorobenzene	2500	2780	111	2680	107	4	70-130/25
75-71-8	Dichlorodifluoromethane	2500	2540	102	2370	95	7	70-130/25
75-34-3	1,1-Dichloroethane	2500	2400	96	2230	89	7	70-130/25
107-06-2	1,2-Dichloroethane	2500	2480	99	2400	96	3	70-130/25
75-35-4	1,1-Dichloroethene	2500	2460	98	2320	93	6	70-130/25
156-59-2	cis-1,2-Dichloroethene	2500	2410	96	2260	90	6	70-130/25
156-60-5	trans-1,2-Dichloroethene	2500	2270	91	2160	86	5	70-130/25
78-87-5	1,2-Dichloropropane	2500	2500	100	2370	95	5	70-130/25
142-28-9	1,3-Dichloropropane	2500	2680	107	2620	105	2	70-130/25
594-20-7	2,2-Dichloropropane	2500	2470	99	2290	92	8	70-130/25
563-58-6	1,1-Dichloropropene	2500	2470	99	2320	93	6	70-130/25
10061-01-5	cis-1,3-Dichloropropene	2500	2410	96	2280	91	6	70-130/25

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4785-BS	G119662.D	1	08/29/12	JS	n/a	n/a	MSG4785
MSG4785-BSD	G119663.D	1	08/29/12	JS	n/a	n/a	MSG4785

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-20

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	2500	2630	105	2520	101	4	70-130/25
100-41-4	Ethylbenzene	2500	2640	106	2560	102	3	70-130/25
87-68-3	Hexachlorobutadiene	2500	2820	113	2710	108	4	70-130/25
591-78-6	2-Hexanone	2500	2650	106	2660	106	0	70-130/25
74-88-4	Iodomethane	2500	2390	96	2090	84	13	70-130/25
98-82-8	Isopropylbenzene	2500	2980	119	2880	115	3	70-130/25
99-87-6	p-Isopropyltoluene	2500	2830	113	2720	109	4	70-130/25
1634-04-4	Methyl Tert Butyl Ether	2500	2470	99	2370	95	4	70-130/25
108-10-1	4-Methyl-2-pentanone (MIBK)	2500	2460	98	2410	96	2	70-130/25
74-95-3	Methylene bromide	2500	2490	100	2420	97	3	70-130/25
75-09-2	Methylene chloride	2500	2370	95	2250	90	5	70-130/25
91-20-3	Naphthalene	2500	2820	113	2870	115	2	70-130/25
103-65-1	n-Propylbenzene	2500	2940	118	2830	113	4	70-130/25
100-42-5	Styrene	2500	2690	108	2620	105	3	70-130/25
630-20-6	1,1,1,2-Tetrachloroethane	2500	2690	108	2610	104	3	70-130/25
79-34-5	1,1,2,2-Tetrachloroethane	2500	2820	113	2830	113	0	70-130/25
127-18-4	Tetrachloroethene	2500	2680	107	2540	102	5	70-130/25
108-88-3	Toluene	2500	2500	100	2360	94	6	70-130/25
87-61-6	1,2,3-Trichlorobenzene	2500	2780	111	2750	110	1	70-130/25
120-82-1	1,2,4-Trichlorobenzene	2500	2820	113	2760	110	2	70-130/25
71-55-6	1,1,1-Trichloroethane	2500	2360	94	2160	86	9	70-130/25
79-00-5	1,1,2-Trichloroethane	2500	2470	99	2380	95	4	70-130/25
79-01-6	Trichloroethene	2500	2430	97	2300	92	5	70-130/25
75-69-4	Trichlorofluoromethane	2500	2430	97	2230	89	9	70-130/25
96-18-4	1,2,3-Trichloropropane	2500	2820	113	2830	113	0	70-130/25
95-63-6	1,2,4-Trimethylbenzene	2500	2690	108	2600	104	3	70-130/25
108-67-8	1,3,5-Trimethylbenzene	2500	2670	107	2540	102	5	70-130/25
108-05-4	Vinyl Acetate	2500	2430	97	2330	93	4	70-130/25
75-01-4	Vinyl chloride	2500	2220	89	2090	84	6	70-130/25
	m,p-Xylene	5000	5480	110	5300	106	3	70-130/25
95-47-6	o-Xylene	2500	2840	114	2760	110	3	70-130/25
1330-20-7	Xylene (total)	7500	8320	111	8070	108	3	70-130/25

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MSG4785-BS	G119662.D	1	08/29/12	JS	n/a	n/a	MSG4785
MSG4785-BSD	G119663.D	1	08/29/12	JS	n/a	n/a	MSG4785

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-20

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
1868-53-7	Dibromofluoromethane	104%	98%	70-130%
2037-26-5	Toluene-D8	107%	102%	70-130%
460-00-4	4-Bromofluorobenzene	117%	113%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13196-9MS	P63921.D	5	08/28/12	TT	n/a	n/a	MSP2083
MC13196-9MSD	P63922.D	5	08/28/12	TT	n/a	n/a	MSP2083
MC13196-9	P63907.D	1	08/28/12	TT	n/a	n/a	MSP2083

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-1, MC13230-2, MC13230-3, MC13230-5, MC13230-6, MC13230-7, MC13230-9

CAS No.	Compound	MC13196-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		250	328	131* [a]	312	125	5	70-130/30
71-43-2	Benzene	ND		250	245	98	239	96	2	70-130/30
108-86-1	Bromobenzene	ND		250	238	95	239	96	0	70-130/30
74-97-5	Bromochloromethane	ND		250	262	105	248	99	5	70-130/30
75-27-4	Bromodichloromethane	ND		250	266	106	259	104	3	70-130/30
75-25-2	Bromoform	ND		250	219	88	222	89	1	70-130/30
74-83-9	Bromomethane	ND		250	161	64* [a]	191	76	17	70-130/30
78-93-3	2-Butanone (MEK)	ND		250	230	92	248	99	8	70-130/30
104-51-8	n-Butylbenzene	ND		250	244	98	242	97	1	70-130/30
135-98-8	sec-Butylbenzene	ND		250	264	106	263	105	0	70-130/30
98-06-6	tert-Butylbenzene	ND		250	278	111	275	110	1	70-130/30
75-15-0	Carbon disulfide	ND		250	255	102	253	101	1	70-130/30
56-23-5	Carbon tetrachloride	ND		250	284	114	277	111	2	70-130/30
108-90-7	Chlorobenzene	ND		250	248	99	243	97	2	70-130/30
75-00-3	Chloroethane	ND		250	290	116	276	110	5	70-130/30
67-66-3	Chloroform	ND		250	277	111	268	107	3	70-130/30
74-87-3	Chloromethane	ND		250	283	113	270	108	5	70-130/30
95-49-8	o-Chlorotoluene	ND		250	265	106	260	104	2	70-130/30
106-43-4	p-Chlorotoluene	ND		250	271	108	266	106	2	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	249	100	256	102	3	70-130/30
124-48-1	Dibromochloromethane	ND		250	247	99	247	99	0	70-130/30
106-93-4	1,2-Dibromoethane	ND		250	249	100	248	99	0	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		250	252	101	250	100	1	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		250	246	98	248	99	1	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		250	238	95	236	94	1	70-130/30
75-71-8	Dichlorodifluoromethane	ND		250	433	173* [a]	421	168* [a]	3	70-130/30
75-34-3	1,1-Dichloroethane	ND		250	274	110	267	107	3	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	292	117	285	114	2	70-130/30
75-35-4	1,1-Dichloroethene	ND		250	268	107	264	106	2	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		250	250	100	242	97	3	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		250	244	98	238	95	2	70-130/30
78-87-5	1,2-Dichloropropane	ND		250	258	103	254	102	2	70-130/30
142-28-9	1,3-Dichloropropane	ND		250	253	101	251	100	1	70-130/30
594-20-7	2,2-Dichloropropane	ND		250	184	74	187	75	2	70-130/30
563-58-6	1,1-Dichloropropene	ND		250	279	112	275	110	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		250	216	86	214	86	1	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13196-9MS	P63921.D	5	08/28/12	TT	n/a	n/a	MSP2083
MC13196-9MSD	P63922.D	5	08/28/12	TT	n/a	n/a	MSP2083
MC13196-9	P63907.D	1	08/28/12	TT	n/a	n/a	MSP2083

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-1, MC13230-2, MC13230-3, MC13230-5, MC13230-6, MC13230-7, MC13230-9

CAS No.	Compound	MC13196-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		250	226	90	230	92	2	70-130/30
100-41-4	Ethylbenzene	ND		250	253	101	241	96	5	70-130/30
87-68-3	Hexachlorobutadiene	ND		250	217	87	221	88	2	70-130/30
591-78-6	2-Hexanone	ND		250	274	110	291	116	6	70-130/30
74-88-4	Iodomethane	ND		250	128	51* [a]	161	64* [a]	23	70-130/30
98-82-8	Isopropylbenzene	ND		250	268	107	265	106	1	70-130/30
99-87-6	p-Isopropyltoluene	ND		250	253	101	250	100	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		250	237	95	237	95	0	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	274	110	279	112	2	70-130/30
74-95-3	Methylene bromide	ND		250	273	109	262	105	4	70-130/30
75-09-2	Methylene chloride	ND		250	247	99	239	96	3	70-130/30
91-20-3	Naphthalene	ND		250	227	91	243	97	7	70-130/30
103-65-1	n-Propylbenzene	ND		250	268	107	261	104	3	70-130/30
100-42-5	Styrene	ND		250	242	97	242	97	0	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	264	106	257	103	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	270	108	269	108	0	70-130/30
127-18-4	Tetrachloroethene	ND		250	244	98	235	94	4	70-130/30
108-88-3	Toluene	ND		250	252	101	246	98	2	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		250	232	93	244	98	5	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		250	215	86	220	88	2	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		250	284	114	276	110	3	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		250	266	106	259	104	3	70-130/30
79-01-6	Trichloroethene	ND		250	250	100	247	99	1	70-130/30
75-69-4	Trichlorofluoromethane	ND		250	335	134* [a]	323	129	4	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		250	250	100	257	103	3	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		250	259	104	242	97	7	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		250	245	98	236	94	4	70-130/30
108-05-4	Vinyl Acetate	ND		250	259	104	264	106	2	70-130/30
75-01-4	Vinyl chloride	ND		250	293	117	287	115	2	70-130/30
	m,p-Xylene	ND		500	522	104	497	99	5	70-130/30
95-47-6	o-Xylene	ND		250	264	106	256	102	3	70-130/30
1330-20-7	Xylene (total)	ND		750	785	105	753	100	4	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13196-9MS	P63921.D	5	08/28/12	TT	n/a	n/a	MSP2083
MC13196-9MSD	P63922.D	5	08/28/12	TT	n/a	n/a	MSP2083
MC13196-9	P63907.D	1	08/28/12	TT	n/a	n/a	MSP2083

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-1, MC13230-2, MC13230-3, MC13230-5, MC13230-6, MC13230-7, MC13230-9

CAS No.	Surrogate Recoveries	MS	MSD	MC13196-9	Limits
1868-53-7	Dibromofluoromethane	110%	106%	99%	70-130%
2037-26-5	Toluene-D8	106%	103%	98%	70-130%
460-00-4	4-Bromofluorobenzene	107%	103%	101%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13464-9MS	P63947.D	5	08/28/12	TT	n/a	n/a	MSP2084
MC13464-9MSD	P63948.D	5	08/28/12	TT	n/a	n/a	MSP2084
MC13464-9	P63928.D	1	08/28/12	TT	n/a	n/a	MSP2084

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-4, MC13230-7, MC13230-8

CAS No.	Compound	MC13464-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		250	273	109	262	105	4	70-130/30
71-43-2	Benzene	ND		250	230	92	237	95	3	70-130/30
108-86-1	Bromobenzene	ND		250	241	96	243	97	1	70-130/30
74-97-5	Bromochloromethane	ND		250	228	91	254	102	11	70-130/30
75-27-4	Bromodichloromethane	ND		250	232	93	255	102	9	70-130/30
75-25-2	Bromoform	ND		250	192	77	221	88	14	70-130/30
74-83-9	Bromomethane	ND		250	105	42* [a]	200	80	62* [b]	70-130/30
78-93-3	2-Butanone (MEK)	ND		250	239	96	251	100	5	70-130/30
104-51-8	n-Butylbenzene	ND		250	240	96	254	102	6	70-130/30
135-98-8	sec-Butylbenzene	ND		250	262	105	271	108	3	70-130/30
98-06-6	tert-Butylbenzene	ND		250	271	108	273	109	1	70-130/30
75-15-0	Carbon disulfide	ND		250	237	95	243	97	3	70-130/30
56-23-5	Carbon tetrachloride	ND		250	221	88	261	104	17	70-130/30
108-90-7	Chlorobenzene	ND		250	245	98	249	100	2	70-130/30
75-00-3	Chloroethane	ND		250	191	76	255	102	29	70-130/30
67-66-3	Chloroform	ND		250	253	101	259	104	2	70-130/30
74-87-3	Chloromethane	ND		250	98.4	39* [a]	268	107	93* [b]	70-130/30
95-49-8	o-Chlorotoluene	ND		250	261	104	262	105	0	70-130/30
106-43-4	p-Chlorotoluene	ND		250	265	106	273	109	3	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	220	88	253	101	14	70-130/30
124-48-1	Dibromochloromethane	ND		250	217	87	248	99	13	70-130/30
106-93-4	1,2-Dibromoethane	ND		250	223	89	255	102	13	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		250	239	96	259	104	8	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		250	242	97	255	102	5	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		250	230	92	244	98	6	70-130/30
75-71-8	Dichlorodifluoromethane	ND		250	360	144* [a]	376	150* [a]	4	70-130/30
75-34-3	1,1-Dichloroethane	ND		250	252	101	259	104	3	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	261	104	269	108	3	70-130/30
75-35-4	1,1-Dichloroethene	ND		250	253	101	249	100	2	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		250	238	95	245	98	3	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		250	227	91	240	96	6	70-130/30
78-87-5	1,2-Dichloropropane	ND		250	249	100	254	102	2	70-130/30
142-28-9	1,3-Dichloropropane	ND		250	236	94	253	101	7	70-130/30
594-20-7	2,2-Dichloropropane	ND		250	191	76	230	92	19	70-130/30
563-58-6	1,1-Dichloropropene	ND		250	262	105	270	108	3	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		250	175	70	227	91	26	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13464-9MS	P63947.D	5	08/28/12	TT	n/a	n/a	MSP2084
MC13464-9MSD	P63948.D	5	08/28/12	TT	n/a	n/a	MSP2084
MC13464-9	P63928.D	1	08/28/12	TT	n/a	n/a	MSP2084

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-4, MC13230-7, MC13230-8

CAS No.	Compound	MC13464-9 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		250	184	74	240	96	26	70-130/30
100-41-4	Ethylbenzene	ND		250	240	96	245	98	2	70-130/30
87-68-3	Hexachlorobutadiene	ND		250	206	82	228	91	10	70-130/30
591-78-6	2-Hexanone	ND		250	266	106	291	116	9	70-130/30
74-88-4	Iodomethane	ND		250	105	42* [a]	153	61* [a]	37* [b]	70-130/30
98-82-8	Isopropylbenzene	ND		250	272	109	271	108	0	70-130/30
99-87-6	p-Isopropyltoluene	ND		250	250	100	258	103	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		250	178	71	251	100	34* [b]	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	252	101	281	112	11	70-130/30
74-95-3	Methylene bromide	ND		250	242	97	260	104	7	70-130/30
75-09-2	Methylene chloride	ND		250	216	86	236	94	9	70-130/30
91-20-3	Naphthalene	ND		250	205	82	254	102	21	70-130/30
103-65-1	n-Propylbenzene	ND		250	267	107	272	109	2	70-130/30
100-42-5	Styrene	ND		250	241	96	249	100	3	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	244	98	258	103	6	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	251	100	274	110	9	70-130/30
127-18-4	Tetrachloroethene	ND		250	250	100	248	99	1	70-130/30
108-88-3	Toluene	ND		250	245	98	252	101	3	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		250	225	90	257	103	13	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		250	215	86	236	94	9	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		250	249	100	261	104	5	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		250	253	101	268	107	6	70-130/30
79-01-6	Trichloroethene	ND		250	247	99	247	99	0	70-130/30
75-69-4	Trichlorofluoromethane	ND		250	276	110	284	114	3	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		250	242	97	262	105	8	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		250	241	96	245	98	2	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		250	237	95	242	97	2	70-130/30
108-05-4	Vinyl Acetate	ND		250	207	83	274	110	28	70-130/30
75-01-4	Vinyl chloride	ND		250	187	75	260	104	33* [b]	70-130/30
	m,p-Xylene	ND		500	496	99	507	101	2	70-130/30
95-47-6	o-Xylene	ND		250	259	104	262	105	1	70-130/30
1330-20-7	Xylene (total)	ND		750	755	101	768	102	2	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13464-9MS	P63947.D	5	08/28/12	TT	n/a	n/a	MSP2084
MC13464-9MSD	P63948.D	5	08/28/12	TT	n/a	n/a	MSP2084
MC13464-9	P63928.D	1	08/28/12	TT	n/a	n/a	MSP2084

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-4, MC13230-7, MC13230-8

CAS No.	Surrogate Recoveries	MS	MSD	MC13464-9	Limits
1868-53-7	Dibromofluoromethane	96%	103%	104%	70-130%
2037-26-5	Toluene-D8	101%	102%	101%	70-130%
460-00-4	4-Bromofluorobenzene	102%	101%	108%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.
(b) High RPD due to possible matrix interference and/or sample non-homogeneity.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13248-1MS	P63972.D	1	08/29/12	TT	n/a	n/a	MSP2085
MC13248-1MSD	P63973.D	1	08/29/12	TT	n/a	n/a	MSP2085
MC13248-1	P63959.D	1	08/29/12	TT	n/a	n/a	MSP2085

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-11, MC13230-12, MC13230-13, MC13230-14, MC13230-15, MC13230-17, MC13230-18, MC13230-19

CAS No.	Compound	MC13248-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		50	56.0	112	57.6	115	3	70-130/30
71-43-2	Benzene	ND		50	44.8	90	44.8	90	0	70-130/30
108-86-1	Bromobenzene	ND		50	43.2	86	43.5	87	1	70-130/30
74-97-5	Bromochloromethane	ND		50	48.4	97	49.6	99	2	70-130/30
75-27-4	Bromodichloromethane	ND		50	51.7	103	51.7	103	0	70-130/30
75-25-2	Bromoform	ND		50	41.3	83	40.9	82	1	70-130/30
74-83-9	Bromomethane	ND		50	39.5	79	43.0	86	8	70-130/30
78-93-3	2-Butanone (MEK)	ND		50	43.4	87	45.1	90	4	70-130/30
104-51-8	n-Butylbenzene	ND		50	45.5	91	47.7	95	5	70-130/30
135-98-8	sec-Butylbenzene	ND		50	49.7	99	50.6	101	2	70-130/30
98-06-6	tert-Butylbenzene	ND		50	52.2	104	53.4	107	2	70-130/30
75-15-0	Carbon disulfide	ND		50	46.5	93	47.3	95	2	70-130/30
56-23-5	Carbon tetrachloride	ND		50	55.3	111	54.4	109	2	70-130/30
108-90-7	Chlorobenzene	ND		50	45.1	90	45.4	91	1	70-130/30
75-00-3	Chloroethane	ND		50	56.3	113	53.2	106	6	70-130/30
67-66-3	Chloroform	ND		50	54.8	110	53.4	107	3	70-130/30
74-87-3	Chloromethane	ND		50	57.8	116	63.2	126	9	70-130/30
95-49-8	o-Chlorotoluene	ND		50	49.2	98	49.5	99	1	70-130/30
106-43-4	p-Chlorotoluene	ND		50	50.6	101	51.7	103	2	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		50	46.7	93	46.6	93	0	70-130/30
124-48-1	Dibromochloromethane	ND		50	47.1	94	46.3	93	2	70-130/30
106-93-4	1,2-Dibromoethane	ND		50	44.9	90	44.8	90	0	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		50	46.6	93	47.5	95	2	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		50	45.9	92	47.4	95	3	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		50	44.3	89	45.9	92	4	70-130/30
75-71-8	Dichlorodifluoromethane	ND		50	80.7	161* [a]	80.3	161* [a]	0	70-130/30
75-34-3	1,1-Dichloroethane	ND		50	52.4	105	52.1	104	1	70-130/30
107-06-2	1,2-Dichloroethane	ND		50	57.4	115	56.4	113	2	70-130/30
75-35-4	1,1-Dichloroethene	ND		50	48.5	97	48.4	97	0	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		50	47.1	94	46.8	94	1	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		50	44.2	88	44.9	90	2	70-130/30
78-87-5	1,2-Dichloropropane	ND		50	48.2	96	48.3	97	0	70-130/30
142-28-9	1,3-Dichloropropane	ND		50	46.1	92	46.2	92	0	70-130/30
594-20-7	2,2-Dichloropropane	ND		50	36.0	72	36.3	73	1	70-130/30
563-58-6	1,1-Dichloropropene	ND		50	51.7	103	51.8	104	0	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		50	40.9	82	41.5	83	1	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13248-1MS	P63972.D	1	08/29/12	TT	n/a	n/a	MSP2085
MC13248-1MSD	P63973.D	1	08/29/12	TT	n/a	n/a	MSP2085
MC13248-1	P63959.D	1	08/29/12	TT	n/a	n/a	MSP2085

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-11, MC13230-12, MC13230-13, MC13230-14, MC13230-15, MC13230-17, MC13230-18, MC13230-19

CAS No.	Compound	MC13248-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		50	43.4	87	44.1	88	2	70-130/30
100-41-4	Ethylbenzene	ND		50	44.5	89	45.0	90	1	70-130/30
87-68-3	Hexachlorobutadiene	ND		50	40.1	80	42.4	85	6	70-130/30
591-78-6	2-Hexanone	ND		50	48.8	98	47.8	96	2	70-130/30
74-88-4	Iodomethane	ND		50	29.7	59* [a]	35.8	72	19	70-130/30
98-82-8	Isopropylbenzene	ND		50	49.8	100	50.4	101	1	70-130/30
99-87-6	p-Isopropyltoluene	ND		50	47.3	95	48.6	97	3	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		50	44.0	88	45.3	91	3	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		50	49.6	99	49.6	99	0	70-130/30
74-95-3	Methylene bromide	ND		50	51.1	102	50.6	101	1	70-130/30
75-09-2	Methylene chloride	ND		50	46.9	94	46.3	93	1	70-130/30
91-20-3	Naphthalene	ND		50	39.7	79	42.9	86	8	70-130/30
103-65-1	n-Propylbenzene	ND		50	49.5	99	50.4	101	2	70-130/30
100-42-5	Styrene	ND		50	44.0	88	44.1	88	0	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		50	49.2	98	48.6	97	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		50	49.6	99	48.7	97	2	70-130/30
127-18-4	Tetrachloroethene	ND		50	43.4	87	44.0	88	1	70-130/30
108-88-3	Toluene	ND		50	47.3	95	47.1	94	0	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		50	42.1	84	45.7	91	8	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		50	38.9	78	42.1	84	8	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		50	56.5	113	54.8	110	3	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		50	49.5	99	49.6	99	0	70-130/30
79-01-6	Trichloroethene	ND		50	48.0	96	47.4	95	1	70-130/30
75-69-4	Trichlorofluoromethane	ND		50	63.1	126	61.1	122	3	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		50	45.9	92	45.4	91	1	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		50	44.9	90	45.7	91	2	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		50	45.2	90	45.7	91	1	70-130/30
108-05-4	Vinyl Acetate	ND		50	36.5	73	36.4	73	0	70-130/30
75-01-4	Vinyl chloride	ND		50	58.1	116	57.8	116	1	70-130/30
	m,p-Xylene	ND		100	91.8	92	91.9	92	0	70-130/30
95-47-6	o-Xylene	ND		50	48.0	96	48.4	97	1	70-130/30
1330-20-7	Xylene (total)	ND		150	140	93	140	93	0	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13248-1MS	P63972.D	1	08/29/12	TT	n/a	n/a	MSP2085
MC13248-1MSD	P63973.D	1	08/29/12	TT	n/a	n/a	MSP2085
MC13248-1	P63959.D	1	08/29/12	TT	n/a	n/a	MSP2085

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-11, MC13230-12, MC13230-13, MC13230-14, MC13230-15, MC13230-17, MC13230-18, MC13230-19

CAS No.	Surrogate Recoveries	MS	MSD	MC13248-1	Limits
1868-53-7	Dibromofluoromethane	106%	105%	105%	70-130%
2037-26-5	Toluene-D8	99%	99%	103%	70-130%
460-00-4	4-Bromofluorobenzene	98%	97%	106%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13371-1MS	V10992.D	5	08/29/12	AMY	n/a	n/a	MSV456
MC13371-1MSD	V10993.D	5	08/29/12	AMY	n/a	n/a	MSV456
MC13371-1	V10986.D	1	08/29/12	AMY	n/a	n/a	MSV456

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-16

CAS No.	Compound	MC13371-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		250	169	68* [a]	167	67* [a]	1	70-130/30
71-43-2	Benzene	0.25		250	243	97	237	95	3	70-130/30
108-86-1	Bromobenzene	ND		250	261	104	257	103	2	70-130/30
74-97-5	Bromochloromethane	ND		250	243	97	240	96	1	70-130/30
75-27-4	Bromodichloromethane	ND		250	240	96	238	95	1	70-130/30
75-25-2	Bromoform	ND		250	227	91	230	92	1	70-130/30
74-83-9	Bromomethane	ND		250	297	119	286	114	4	70-130/30
78-93-3	2-Butanone (MEK)	ND		250	199	80	206	82	3	70-130/30
104-51-8	n-Butylbenzene	ND		250	286	114	279	112	2	70-130/30
135-98-8	sec-Butylbenzene	ND		250	298	119	291	116	2	70-130/30
98-06-6	tert-Butylbenzene	ND		250	288	115	281	112	2	70-130/30
75-15-0	Carbon disulfide	ND		250	375	150* [a]	373	149* [a]	1	70-130/30
56-23-5	Carbon tetrachloride	ND		250	241	96	236	94	2	70-130/30
108-90-7	Chlorobenzene	ND		250	272	109	268	107	1	70-130/30
75-00-3	Chloroethane	ND		250	286	114	276	110	4	70-130/30
67-66-3	Chloroform	ND		250	257	103	252	101	2	70-130/30
74-87-3	Chloromethane	ND		250	272	109	284	114	4	70-130/30
95-49-8	o-Chlorotoluene	ND		250	268	107	261	104	3	70-130/30
106-43-4	p-Chlorotoluene	ND		250	276	110	271	108	2	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		250	192	77	206	82	7	70-130/30
124-48-1	Dibromochloromethane	ND		250	219	88	220	88	0	70-130/30
106-93-4	1,2-Dibromoethane	ND		250	231	92	233	93	1	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		250	270	108	268	107	1	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		250	270	108	266	106	1	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		250	250	100	245	98	2	70-130/30
75-71-8	Dichlorodifluoromethane	ND		250	431	172* [a]	429	172* [a]	0	70-130/30
75-34-3	1,1-Dichloroethane	ND		250	251	100	245	98	2	70-130/30
107-06-2	1,2-Dichloroethane	ND		250	231	92	229	92	1	70-130/30
75-35-4	1,1-Dichloroethene	ND		250	281	112	270	108	4	70-130/30
156-59-2	cis-1,2-Dichloroethene	3.1		250	251	99	245	97	2	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		250	251	100	243	97	3	70-130/30
78-87-5	1,2-Dichloropropane	ND		250	246	98	246	98	0	70-130/30
142-28-9	1,3-Dichloropropane	ND		250	241	96	239	96	1	70-130/30
594-20-7	2,2-Dichloropropane	ND		250	256	102	263	105	3	70-130/30
563-58-6	1,1-Dichloropropene	ND		250	271	108	262	105	3	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		250	206	82	205	82	0	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13371-1MS	V10992.D	5	08/29/12	AMY	n/a	n/a	MSV456
MC13371-1MSD	V10993.D	5	08/29/12	AMY	n/a	n/a	MSV456
MC13371-1	V10986.D	1	08/29/12	AMY	n/a	n/a	MSV456

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-16

CAS No.	Compound	MC13371-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		250	205	82	206	82	0	70-130/30
100-41-4	Ethylbenzene	ND		250	266	106	262	105	2	70-130/30
87-68-3	Hexachlorobutadiene	ND		250	266	106	267	107	0	70-130/30
591-78-6	2-Hexanone	ND		250	206	82	210	84	2	70-130/30
74-88-4	Iodomethane	ND		250	337	135* [a]	330	132* [a]	2	70-130/30
98-82-8	Isopropylbenzene	ND		250	288	115	280	112	3	70-130/30
99-87-6	p-Isopropyltoluene	ND		250	283	113	279	112	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		250	226	90	230	92	2	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		250	204	82	209	84	2	70-130/30
74-95-3	Methylene bromide	ND		250	249	100	248	99	0	70-130/30
75-09-2	Methylene chloride	ND		250	244	98	236	94	3	70-130/30
91-20-3	Naphthalene	ND		250	190	76	234	94	21	70-130/30
103-65-1	n-Propylbenzene	ND		250	293	117	284	114	3	70-130/30
100-42-5	Styrene	ND		250	270	108	268	107	1	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		250	238	95	236	94	1	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		250	224	90	224	90	0	70-130/30
127-18-4	Tetrachloroethene	ND		250	252	101	246	98	2	70-130/30
108-88-3	Toluene	ND		250	246	98	241	96	2	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		250	221	88	262	105	17	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		250	251	100	265	106	5	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		250	252	101	253	101	0	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		250	241	96	239	96	1	70-130/30
79-01-6	Trichloroethene	ND		250	248	99	244	98	2	70-130/30
75-69-4	Trichlorofluoromethane	ND		250	322	129	313	125	3	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		250	180	72	169	68* [a]	6	70-130/30
95-63-6	1,2,4-Trimethylbenzene	ND		250	254	102	248	99	2	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		250	257	103	251	100	2	70-130/30
108-05-4	Vinyl Acetate	ND		250	249	100	248	99	0	70-130/30
75-01-4	Vinyl chloride	1.7		250	275	109	268	107	3	70-130/30
	m,p-Xylene	ND		500	539	108	529	106	2	70-130/30
95-47-6	o-Xylene	ND		250	279	112	272	109	3	70-130/30
1330-20-7	Xylene (total)	ND		750	818	109	801	107	2	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13371-1MS	V10992.D	5	08/29/12	AMY	n/a	n/a	MSV456
MC13371-1MSD	V10993.D	5	08/29/12	AMY	n/a	n/a	MSV456
MC13371-1	V10986.D	1	08/29/12	AMY	n/a	n/a	MSV456

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-16

CAS No.	Surrogate Recoveries	MS	MSD	MC13371-1	Limits
1868-53-7	Dibromofluoromethane	103%	102%	98%	70-130%
2037-26-5	Toluene-D8	101%	101%	101%	70-130%
460-00-4	4-Bromofluorobenzene	98%	97%	99%	70-130%

(a) Outside control limits due to possible matrix interference. Refer to Blank Spike.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13304-2MS	G119685.D	1	08/29/12	JS	n/a	n/a	MSG4785
MC13304-2MSD	G119686.D	1	08/29/12	JS	n/a	n/a	MSG4785
MC13304-2	G119675.D	1	08/29/12	JS	n/a	n/a	MSG4785

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-20

CAS No.	Compound	MC13304-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		2570	2340	91	2200	86	6	70-130/30
71-43-2	Benzene	ND		2570	2520	98	2370	92	6	70-130/30
108-86-1	Bromobenzene	ND		2570	2880	112	2740	107	5	70-130/30
74-97-5	Bromochloromethane	ND		2570	2430	95	2370	92	3	70-130/30
75-27-4	Bromodichloromethane	ND		2570	2580	100	2460	96	5	70-130/30
75-25-2	Bromoform	ND		2570	2750	107	2760	107	0	70-130/30
74-83-9	Bromomethane	ND		2570	2520	98	2330	91	8	70-130/30
78-93-3	2-Butanone (MEK)	ND		2570	2530	98	2540	99	0	70-130/30
104-51-8	n-Butylbenzene	ND		2570	2770	108	2560	100	8	70-130/30
135-98-8	sec-Butylbenzene	ND		2570	3070	119	2910	113	5	70-130/30
98-06-6	tert-Butylbenzene	ND		2570	3000	117	2830	110	6	70-130/30
75-15-0	Carbon disulfide	ND		2570	2330	91	2160	84	8	70-130/30
56-23-5	Carbon tetrachloride	ND		2570	2590	101	2410	94	7	70-130/30
108-90-7	Chlorobenzene	ND		2570	3010	117	2900	113	4	70-130/30
75-00-3	Chloroethane	ND		2570	2500	97	2370	92	5	70-130/30
67-66-3	Chloroform	ND		2570	2470	96	2330	91	6	70-130/30
74-87-3	Chloromethane	ND		2570	2720	106	2510	98	8	70-130/30
95-49-8	o-Chlorotoluene	ND		2570	2920	114	2790	109	5	70-130/30
106-43-4	p-Chlorotoluene	ND		2570	3170	123	2970	116	7	70-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND		2570	2970	116	2770	108	7	70-130/30
124-48-1	Dibromochloromethane	ND		2570	2820	110	2800	109	1	70-130/30
106-93-4	1,2-Dibromoethane	ND		2570	2770	108	2720	106	2	70-130/30
95-50-1	1,2-Dichlorobenzene	ND		2570	3040	118	2940	114	3	70-130/30
541-73-1	1,3-Dichlorobenzene	ND		2570	3070	119	2910	113	5	70-130/30
106-46-7	1,4-Dichlorobenzene	ND		2570	2860	111	2690	105	6	70-130/30
75-71-8	Dichlorodifluoromethane	ND		2570	2700	105	2200	86	20	70-130/30
75-34-3	1,1-Dichloroethane	ND		2570	2490	97	2370	92	5	70-130/30
107-06-2	1,2-Dichloroethane	ND		2570	2550	99	2470	96	3	70-130/30
75-35-4	1,1-Dichloroethene	ND		2570	2600	101	2410	94	8	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		2570	2460	96	2330	91	5	70-130/30
156-60-5	trans-1,2-Dichloroethene	ND		2570	2380	93	2230	87	7	70-130/30
78-87-5	1,2-Dichloropropane	ND		2570	2600	101	2450	95	6	70-130/30
142-28-9	1,3-Dichloropropane	ND		2570	2800	109	2690	105	4	70-130/30
594-20-7	2,2-Dichloropropane	ND		2570	2470	96	2310	90	7	70-130/30
563-58-6	1,1-Dichloropropene	ND		2570	2680	104	2450	95	9	70-130/30
10061-01-5	cis-1,3-Dichloropropene	ND		2570	2480	96	2320	90	7	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13304-2MS	G119685.D	1	08/29/12	JS	n/a	n/a	MSG4785
MC13304-2MSD	G119686.D	1	08/29/12	JS	n/a	n/a	MSG4785
MC13304-2	G119675.D	1	08/29/12	JS	n/a	n/a	MSG4785

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-20

CAS No.	Compound	MC13304-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
10061-02-6	trans-1,3-Dichloropropene	ND		2570	2680	104	2550	99	5	70-130/30
100-41-4	Ethylbenzene	ND		2570	2770	108	2650	103	4	70-130/30
87-68-3	Hexachlorobutadiene	ND		2570	2890	112	2750	107	5	70-130/30
591-78-6	2-Hexanone	ND		2570	2780	108	2760	107	1	70-130/30
74-88-4	Iodomethane	ND		2570	2410	94	2290	89	5	70-130/30
98-82-8	Isopropylbenzene	ND		2570	3120	121	2950	115	6	70-130/30
99-87-6	p-Isopropyltoluene	ND		2570	2940	114	2760	107	6	70-130/30
1634-04-4	Methyl Tert Butyl Ether	ND		2570	2520	98	2460	96	2	70-130/30
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		2570	2610	102	2460	96	6	70-130/30
74-95-3	Methylene bromide	ND		2570	2610	102	2470	96	6	70-130/30
75-09-2	Methylene chloride	ND		2570	2480	96	2320	90	7	70-130/30
91-20-3	Naphthalene	ND		2570	2930	114	2820	110	4	70-130/30
103-65-1	n-Propylbenzene	ND		2570	3040	118	2850	111	6	70-130/30
100-42-5	Styrene	ND		2570	2810	109	2710	105	4	70-130/30
630-20-6	1,1,1,2-Tetrachloroethane	ND		2570	2770	108	2690	105	3	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	ND		2570	2920	114	2890	112	1	70-130/30
127-18-4	Tetrachloroethene	ND		2570	2790	109	2700	105	3	70-130/30
108-88-3	Toluene	ND		2570	2610	102	2440	95	7	70-130/30
87-61-6	1,2,3-Trichlorobenzene	ND		2570	2850	111	2710	105	5	70-130/30
120-82-1	1,2,4-Trichlorobenzene	ND		2570	2860	111	2710	105	5	70-130/30
71-55-6	1,1,1-Trichloroethane	ND		2570	2510	98	2340	91	7	70-130/30
79-00-5	1,1,2-Trichloroethane	ND		2570	2600	101	2480	96	5	70-130/30
79-01-6	Trichloroethene	ND		2570	2540	99	2350	91	8	70-130/30
75-69-4	Trichlorofluoromethane	ND		2570	2590	101	2390	93	8	70-130/30
96-18-4	1,2,3-Trichloropropane	ND		2570	2890	112	2780	108	4	70-130/30
95-63-6	1,2,4-Trimethylbenzene	11.9		2570	2760	107	2620	101	5	70-130/30
108-67-8	1,3,5-Trimethylbenzene	ND		2570	2730	106	2580	100	6	70-130/30
108-05-4	Vinyl Acetate	ND		2570	2370	92	2340	91	1	70-130/30
75-01-4	Vinyl chloride	ND		2570	2420	94	2250	88	7	70-130/30
	m,p-Xylene	ND		5140	5750	112	5500	107	4	70-130/30
95-47-6	o-Xylene	ND		2570	2960	115	2850	111	4	70-130/30
1330-20-7	Xylene (total)	ND		7710	8710	113	8350	108	4	70-130/30

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13304-2MS	G119685.D	1	08/29/12	JS	n/a	n/a	MSG4785
MC13304-2MSD	G119686.D	1	08/29/12	JS	n/a	n/a	MSG4785
MC13304-2	G119675.D	1	08/29/12	JS	n/a	n/a	MSG4785

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-20

CAS No.	Surrogate Recoveries	MS	MSD	MC13304-2	Limits
1868-53-7	Dibromofluoromethane	100%	96%	97%	70-130%
2037-26-5	Toluene-D8	105%	100%	102%	70-130%
460-00-4	4-Bromofluorobenzene	113%	110%	113%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
MC13277-22MS	L66410.D	5	08/30/12	JM	n/a	n/a	MSL3166
MC13277-22MSD	L66411.D	5	08/30/12	JM	n/a	n/a	MSL3166
MC13277-22	L66407.D	1	08/30/12	JM	n/a	n/a	MSL3166

The QC reported here applies to the following samples: **Method:** SW846 8260B

MC13230-10, MC13230-15

CAS No.	Compound	MC13277-22 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
75-34-3	1,1-Dichloroethane	ND		250	316	126	297	119	6	70-130/30
156-59-2	cis-1,2-Dichloroethene	ND		250	255	102	261	104	2	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	MC13277-22	Limits
1868-53-7	Dibromofluoromethane	103%	103%	99%	70-130%
2037-26-5	Toluene-D8	107%	107%	100%	70-130%
460-00-4	4-Bromofluorobenzene	100%	112%	108%	70-130%

* = Outside of Control Limits.

Volatile Surrogate Recovery Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC13230-1	P63908.D	103.0	100.0	103.0
MC13230-2	P63909.D	98.0	96.0	101.0
MC13230-3	P63910.D	97.0	96.0	102.0
MC13230-4	P63938.D	106.0	103.0	109.0
MC13230-5	P63912.D	102.0	99.0	106.0
MC13230-6	P63913.D	99.0	96.0	99.0
MC13230-7	P63945.D	87.0	90.0	96.0
MC13230-7	P63914.D	102.0	97.0	102.0
MC13230-8	P63939.D	106.0	103.0	108.0
MC13230-9	P63916.D	100.0	96.0	100.0
MC13230-10	L66393.D	87.0	88.0	101.0
MC13230-10	P63963.D	107.0	99.0	104.0
MC13230-11	P63964.D	105.0	99.0	102.0
MC13230-12	P63965.D	105.0	98.0	102.0
MC13230-13	P63966.D	106.0	100.0	103.0
MC13230-14	P63967.D	107.0	99.0	103.0
MC13230-15	L66394.D	88.0	89.0	102.0
MC13230-15	P63968.D	109.0	98.0	105.0
MC13230-16	V10995.D	98.0	101.0	99.0
MC13230-17	P63970.D	103.0	96.0	100.0
MC13230-18	P63971.D	101.0	95.0	99.0
MC13230-19	P63954.D	100.0	100.0	104.0
MC13196-9MS	P63921.D	110.0	106.0	107.0
MC13196-9MSD	P63922.D	106.0	103.0	103.0
MC13248-1MS	P63972.D	106.0	99.0	98.0
MC13248-1MSD	P63973.D	105.0	99.0	97.0
MC13277-22MS	L66410.D	103.0	107.0	100.0
MC13277-22MSD	L66411.D	103.0	107.0	112.0
MC13371-1MS	V10992.D	103.0	101.0	98.0
MC13371-1MSD	V10993.D	102.0	101.0	97.0
MC13464-9MS	P63947.D	96.0	101.0	102.0
MC13464-9MSD	P63948.D	103.0	102.0	101.0
MSL3166-BS	L66389.D	98.0	102.0	102.0
MSL3166-MB	L66391.D	99.0	100.0	109.0
MSP2083-BS	P63900.D	98.0	100.0	100.0
MSP2083-MB	P63902.D	94.0	95.0	98.0
MSP2084-BS	P63925.D	101.0	102.0	99.0
MSP2084-MB	P63927.D	98.0	98.0	102.0
MSP2085-BS	P63950.D	99.0	100.0	100.0
MSP2085-MB	P63953.D	101.0	98.0	103.0

Volatile Surrogate Recovery Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Method: SW846 8260B **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MSV456-BS	V10983.D	101.0	100.0	98.0
MSV456-MB	V10985.D	96.0	100.0	97.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

Volatile Surrogate Recovery Summary

Job Number: MC13230
Account: ENSTNN Ensafe
Project: Carrier, Syracuse, NY

Method: SW846 8260B **Matrix:** SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3
MC13230-20	G119678.D	99.0	104.0	114.0
MC13304-2MS	G119685.D	100.0	105.0	113.0
MC13304-2MSD	G119686.D	96.0	100.0	110.0
MSG4785-BS	G119662.D	104.0	107.0	117.0
MSG4785-BSD	G119663.D	98.0	102.0	113.0
MSG4785-MB	G119665.D	98.0	102.0	114.0

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	70-130%
S2 = Toluene-D8	70-130%
S3 = 4-Bromofluorobenzene	70-130%

Appendix D
Historical Laboratory Analytical Results Summary

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-01	MW-01	12/31/1985	NA	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
	MW-1	2/8/1990	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	6/5/1990	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	11/16/1990	NA	NA	ND	NA	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
	MW-1 (DUP)	11/16/1990	NA	NA	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
	MW-1	5/22/1991	NA	ND	NA	NA	**3**	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-1	2/6/1992	NA	ND	NA	NA	**3**	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**6**	NA
	MW-1	8/10/1992	NA	ND	NA	NA	**3**	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**6**	NA
	MW-1	2/22/1993	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-1	8/23/1993	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-1	5/2/1994	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	8/25/1994	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-1	2/15/1995	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	8/21/1995	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	2/9/1996	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	8/9/1996	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	2/6/1997	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	8/22/1997	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	2/17/1998	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	8/31/1998	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	3/4/1999	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	8/27/1999	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	3/2/2000	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	CARGMW0103	4/18/2000	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MW-1	8/15/2000	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	CARGMW0104	7/12/2001	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	MW-1	7/12/2001	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-1	12/18/2001	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	CARGMW0105	6/24/2002	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0105	6/23/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0106	6/21/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0106	7/11/2005	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0107	11/7/2006	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	CARGMW0108	2/12/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	CARGMW0109	5/8/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	CARGMW0110	8/21/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	CARGMW0111	6/28/2009	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	CARGMW0112	6/29/2010	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	CARGMW0112	6/28/2011	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
	NYSDEC Standard		µg/L 50 G	µg/L 1	µg/L 50 G	µg/L 7	µg/L 5	µg/L 0.6	µg/L 0.7 G	µg/L N/A	µg/L 5	µg/L 5	µg/L 5	µg/L 1	µg/L N/A	µg/L 5	µg/L 5 G	µg/L 2	µg/L N/A
MW-03D	MW-3D	12/31/1985	NA	NA	ND	ND	ND	ND	ND	NA	**39**	NA	ND	ND	ND	ND	ND	ND	ND
	MW-3D	2/8/1990	NA	ND	NA	NA	ND	ND	ND	NA	ND	**21**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	6/5/1990	NA	ND	NA	NA	ND	ND	ND	NA	240	NA	NA	ND	NA	ND	NA	ND	NA
	MW-3D	5/22/1991	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-3D	2/5/1992	NA	ND	NA	NA	**22**	ND	**3**	NA	ND	NA	NA	ND	NA	ND	NA	**44**	NA
	MW-3D	8/10/1992	NA	ND	NA	NA	**100**	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**450**	NA
	MW-3D	2/22/1993	NA	ND	NA	NA	**14**	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**29**	NA
	MW-3D	8/23/1993	NA	ND	NA	NA	**76**	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**97**	NA
	MW-3D	5/2/1994	NA	ND	NA	NA	ND	ND	ND	NA	ND	**26**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	8/25/1994	NA	ND	NA	NA	**5**	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**12**	NA
	MW-3D	2/15/1995	NA	ND	NA	NA	ND	ND	ND	NA	ND	**11**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	8/21/1995	NA	ND	NA	NA	ND	ND	ND	NA	ND	**21**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	2/9/1996	NA	ND	NA	NA	ND	ND	ND	NA	ND	**25**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	8/9/1996	NA	ND	NA	NA	**4**	ND	ND	NA	ND	**140**	NA	ND	NA	ND	NA	**5**	NA
	MW-3D	2/6/1997	NA	ND	NA	NA	ND	ND	ND	NA	ND	**17**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	8/22/1997	NA	ND	NA	NA	ND	ND	ND	NA	ND	**8**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	2/17/1998	NA	ND	NA	NA	ND	ND	ND	NA	ND	**13**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	8/31/1998	NA	ND	NA	NA	ND	ND	ND	NA	ND	**10**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	3/4/1999	NA	ND	NA	NA	ND	ND	ND	NA	ND	**13**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	8/27/1999	NA	ND	NA	NA	ND	ND	ND	NA	ND	**14**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	3/2/2000	NA	ND	NA	NA	ND	ND	ND	NA	ND	**11**	NA	ND	NA	ND	NA	ND	NA
	CARGW03D03	5/2/2000	ND	ND	ND	ND	ND	ND	ND	**7**	NA	NA	ND	ND	ND	ND	ND	1.1 J	ND
	MW-3D	8/15/2000	NA	ND	NA	NA	ND	ND	ND	NA	ND	**19**	NA	ND	NA	ND	NA	ND	NA
	CARGMW3D04	7/12/2001	ND	ND	ND	ND	0.72 J	ND	ND	NA	1.2 J	**23.2**	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	MW-3D	7/12/2001	NA	ND	NA	NA	**0.72**	ND	ND	NA	**1.2**	**23.2**	NA	ND	NA	ND	NA	ND	NA
	MW-3D	12/18/2001	NA	ND	NA	NA	ND	ND	ND	NA	ND	**12**	NA	ND	NA	ND	NA	ND	NA
	CARGMW3D05	6/25/2002	ND	ND	ND	ND	ND	ND	ND	NA	ND	**6.2**	ND	ND	ND	ND	ND	ND	ND
	CARGMW3D05	6/25/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	**4.8**	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARHMW3D05	6/25/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	**4.7**	ND	ND	ND	ND	ND	ND	ND
	CARHMW3D06	6/21/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	**14.4**	ND	ND	ND	ND	ND	ND	ND
	CARGMW3D06	7/12/2005	ND	ND	ND	ND	0.38 J	ND	ND	NA	ND	**12.7**	ND	ND	ND	ND	ND	0.70 J	ND
	CARGMW3D07	11/7/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	**8.7**	ND	ND	ND	ND	ND	ND	ND
	CARGMW3D08	2/12/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	**9.4**	ND	ND	ND	ND	ND	ND	ND
	CARGMW3D09	5/8/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	**5.5**	ND	ND	ND	ND	ND	ND	ND
	CARGMW3010	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	**5**	ND	ND	ND	ND	ND	0.77 J	ND
	ENSTHMPMW3D0609	6/29/2009	ND	ND	ND	ND	0.49 J	ND	ND	NA	ND	**14.7**	ND	ND	ND	ND	ND	**2.0**	ND
	CARGMW3D0610	6/30/2010	ND	ND	ND	ND	0.43 J	ND	ND	NA	ND	**15.2**	ND	ND	ND	ND	ND	**1.6**	ND
(Duplicate)	CARHMW3D0610	6/30/2010	ND	ND	ND	ND	0.75 J	ND	ND	NA	0.40 J	**24.2**	ND	ND	ND	ND	ND	**2.8**	ND
	CARGMW3D0611	6/28/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	**6.8**	ND	ND	ND	ND	ND	ND	ND
	CARGMW3D0812	8/15/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	**13.7**	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARHMW3D0812	8/15/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	**10.4**	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-03S	MW-3S	12/31/1985	NA	NA	ND	ND	**78**	ND	**15**	NA	**982**	NA	ND	ND	ND	ND	ND	ND	ND
	MW-3S	2/8/1990	NA	ND	NA	NA	ND	ND	ND	NA	ND	**32,000**	NA	ND	NA	ND	NA	ND	NA
	MW-3S	6/5/1990	NA	ND	NA	NA	**400**	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**1,000**	NA
	MW-3S	11/16/1990	NA	NA	ND	NA	**490**	**7.6**	**100**	NA	**6.4**	NA	**17**	**9.5**	ND	**11**	ND	**1,600**	ND
(Duplicate)	MW-3S (DUP)	11/16/1990	NA	NA	ND	NA	**1,100**	**12**	**250**	NA	**12**	NA	ND	**10**	ND	**15**	ND	**1,200**	ND
	MW-3S	5/22/1991	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**2,500**	NA
	MW-3S	2/5/1992	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-3S	8/10/1992	NA	ND	NA	NA	**370**	ND	**90**	NA	ND	NA	NA	ND	NA	ND	NA	**1,100**	NA
	MW-3S	2/22/1993	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**2,000**	NA
	MW-3S	8/23/1993	NA	ND	NA	NA	**660**	ND	ND	NA	ND	NR	NA	ND	NA	ND	NA	**1,000**	NA
	MW-3S	5/2/1994	NA	ND	NA	NA	**630**	ND	ND	NA	ND	**14,000**	NA	ND	NA	ND	NA	**1,700**	NA
	MW-3S	8/25/1994	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**800**	NA
	MW-3S	2/15/1995	NA	ND	NA	NA	**380**	ND	ND	NA	ND	**1,400**	NA	ND	NA	ND	NA	**790**	NA
	MW-3S	8/21/1995	NA		NA	NA	ND	ND	ND	NA	ND	**11,000**	NA	ND	NA	ND	NA	**370**	NA
	MW-3S	2/9/1996	NA	ND	NA	NA	ND	ND	ND	NA	ND	**11,000**	NA	ND	NA	ND	NA	**650**	NA
	MW-3S	8/9/1996	NA	ND	NA	NA	ND	ND	ND	NA	ND	**11,000**	NA	ND	NA	ND	NA	ND	NA
	MW-3S	2/6/1997	NA	ND	NA	NA	ND	ND	**70**	NA	**7**	**9,300**	NA	**5**	NA	**7**	NA	**750**	NA
	MW-3S	8/22/1997	NA	ND	NA	NA	**200**	ND	**60**	NA	**6**	**8,500**	NA	**4**	NA	**6**	NA	**660**	NA
	MW-3S	2/17/1998	NA	ND	NA	NA	ND	ND	ND	NA	ND	**9,200**	NA	ND	NA	ND	NA	**1,400**	NA
	MW-3S	8/31/1998	NA	ND	NA	NA	**270**	ND	**68**	NA	**8**	**11,000**	NA	**5**	NA	**8**	NA	**1,300**	NA
	MW-3S	3/4/1999	NA	ND	NA	NA	**200**	ND	ND	NA	ND	**8,000**	NA	ND	NA	ND	NA	**550**	NA
	MW-3S	8/27/1999	NA	ND	NA	NA	**180**	ND	ND	NA	ND	**6,500**	NA	ND	NA	ND	NA	**440**	NA
	MW-3S	3/2/2000	NA	ND	NA	NA	**200**	ND	ND	NA	ND	**6,400**	NA	ND	NA	ND	NA	**940**	NA
	CARGMW3S03	4/20/2000	ND	ND	ND	ND	**240**	1.8 J	**60**	**8,100**	NA	NA	ND	3.7 J	ND	4.6 J	ND	**1,100**	ND
	MW-3S	8/15/2000	NA	ND	NA	NA	**190**	ND	ND	NA	ND	**6,500**	NA	ND	NA	ND	NA	**490**	NA
	CARGMW3S04	7/12/2001	ND	ND	ND	ND	**164**	ND	38.3 J	NA	13.9 J	**5,780**	ND	ND	ND	ND	ND	**567**	ND
(Duplicate)	MW-3S	7/12/2001	NA	ND	NA	NA	**164**	ND	**38.3**	NA	**13.9**	**5,780**	NA	ND	NA	ND	NA	**567**	NA
	MW-3S	12/18/2001	NA	ND	NA	NA	ND	ND	ND	NA	ND	**3,700**	NA	ND	NA	ND	NA	ND	NA
	CARGMW3S05	6/25/2002	ND	ND	ND	ND	**163**	ND	**34**	NA	ND	**5,410 E**	ND	ND	ND	2.6 J	ND	**746**	ND
(Duplicate)	CARHMW3S05	6/25/2002	ND	ND	ND	ND	**159**	ND	**34**	NA	ND	**5,320 E**	ND	ND	ND	2.2 J	ND	**739**	ND
	CARGMW3S05	6/23/2003	ND	ND	ND	ND	**144**	ND	**29**	NA	9.7 J	**6,450 D**	ND	ND	ND	ND	ND	**621**	18.4 J
	CARGMW3S06	6/21/2004	ND	ND	ND	ND	**136**	ND	**25.9**	NA	ND	**5,260 D**	ND	ND	ND	ND	ND	**808**	ND
	CARGMW3S	7/12/2005	ND	ND	ND	ND	**77.4**	ND	**17.7**	NA	5.0 J	**2,940**	ND	ND	ND	3.7 J	ND	**330**	ND
(Duplicate)	CARGDUP1	7/12/2005	ND	ND	ND	ND	**74.9**	ND	**15.5**	NA	4.9 J	**2,930**	ND	ND	ND	ND	ND	**311**	ND
	CARGMW3S07	11/7/2006	ND	ND	ND	ND	**65.5**	ND	**13.7**	NA	4.3 J	**1,900**[a]	ND	ND	ND	ND	ND	**244**	ND
	CARGMW3S08	2/12/2007	ND	ND	ND	ND	**47.8**	ND	**11.7**	NA	**11.3**	**1,420**[a]	ND	ND	ND	1.9 J	ND	**154**	ND
	CARGMW3509	5/8/2007	ND	ND	ND	ND	**59.6**	ND	**15.0**	NA	**9.0**	**2,130** [a]	ND	ND	ND	2.4 J	ND	**221**	ND
	CARGMW3510	8/21/2007	ND	ND	ND	ND	**45.1**	ND	ND	NA	ND	**1,940**	ND	ND	ND	ND	ND	**188**	ND
	ENSTHMPMW3S0609	6/29/2009	ND	ND	ND	ND	**35.2**	ND	9.4 J	NA	ND	**1,450**	ND	ND	ND	ND	ND	**154**	ND
	CARGMW3S0610	6/30/2010	ND	ND	ND	ND	**57.4**	ND	**17.1**	NA	**26.8**	**2,040**	ND	ND	ND	**2.0**	ND	**197**	ND
	CARGMW3S0611	6/28/2011	ND	ND	ND	ND	**59.3**	ND	**14.3**	NA	**26.5**	**1,970** [a]	ND	ND	ND	**2.1**	ND	**168**	ND
	CARGMW350812	8/14/2012	ND	ND	ND	ND	**26.3**	ND	**6.5**	NA	ND	**833 a**	ND	ND	ND	ND	ND	**104**	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-05	MW-5	2/8/1990	NA	ND	NA	NA	ND	ND	ND	NA	ND	**18**	NA	ND	NA	ND	NA	ND	NA
	MW-5	6/5/1990	NA	ND	NA	NA	ND	ND	ND	NA	**25**	NA	NA	ND	NA	ND	NA	ND	NA
	MW-5	11/16/1990	NA	NA	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MW-5	5/22/1991	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-5	2/5/1992	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-5	8/10/1992	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-5	2/22/1993	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-5	8/23/1993	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-5	5/2/1994	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-5	8/25/1994	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-5	2/15/1995	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-5	8/21/1995	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-5	2/9/1996	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-5	8/9/1996	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	**5**	NA
	MW-5	2/6/1997	NA	ND	NA	NA	ND	ND	ND	NA	ND	**12**	NA	**5**	NA	**7**	NA	ND	NA
	MW-5	8/22/1997	NA	ND	NA	NA	ND	ND	ND	NA	ND	**8**	NA	ND	NA	ND	NA	ND	NA
	MW-5	2/17/1998	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-5	8/31/1998	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-5	3/4/1999	NA	**5**	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-5	8/27/1999	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-5	3/2/2000	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	CARGMW0503	5/2/2000	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND
	MW-5	8/15/2000	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	CARGMW0504	7/12/2001	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	MW-5	7/12/2001	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-5	12/18/2001	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	CARGMW0505	6/24/2002	**117**	ND	1.4 J	ND	ND	ND	ND	NA	ND	0.24 J	ND	ND	ND	ND	ND	ND	ND
	CARGMW0505	6/25/2003	ND	ND	1.0 J	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0506	6/23/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0506	7/12/2005	**12.9**	ND	ND	ND	ND	ND	ND	NA	ND	0.27 J	ND	ND	ND	ND	ND	ND	ND
	CARGMW0507	11/8/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0508	2/13/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0509	5/8/2007	ND	ND	0.66 J	ND	ND	ND	ND	NA	ND	0.24 J	ND	ND	ND	ND	ND	ND	ND
	CARGMW0510	8/21/2007	ND	ND	0.66 J	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW050609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW050610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW050611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05R	CARGMW05R0812	8/15/2012	9.9	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-06	MW-6	2/8/1990	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	6/5/1990	NA	ND	NA	NA	ND	ND	ND	NA	13	NA	NA	ND	NA	ND	NA	ND	NA
	MW-6	11/16/1990	NA	NA	ND	NA	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0603	4/18/2000	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
	MW-6	5/22/1991	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-6	2/5/1992	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	**4**	NA	ND	NA
	MW-6	8/10/1992	NA	ND	NA	NA	**7**	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	**13**	NA
	MW-6	2/22/1993	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-6	8/23/1993	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	**6**	NA	ND	NA
	MW-6	5/2/1994	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	8/25/1994	NA	ND	NA	NA	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	NA	ND	NA
	MW-6	2/15/1995	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	8/21/1995	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	2/9/1996	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	8/9/1996	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	**5**	NA
	MW-6	2/6/1997	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	8/22/1997	NA	ND	NA	NA	ND	ND	ND	NA	ND	**8**	NA	ND	NA	ND	NA	ND	NA
	MW-6	2/17/1998	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	8/31/1998	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	3/4/1999	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	8/27/1999	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	3/2/2000	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	8/15/2000	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	CARGMW0604	7/12/2001	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	MW-6	7/12/2001	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	MW-6	12/18/2001	NA	ND	NA	NA	ND	ND	ND	NA	ND	ND	NA	ND	NA	ND	NA	ND	NA
	CARGMW0605	6/24/2002	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0605	6/23/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0606	6/21/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0606	7/11/2005	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	**42.3**	**1.3**	ND	ND	ND
	CARGMW0607	11/8/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**0.91**	ND	ND	ND
	CARGMW0608	2/12/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**0.48**	ND	ND	ND
	CARGMW0609	5/8/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW0610	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.5**	ND	ND	ND
	ENSTHMPMW060609	6/28/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	0.52 J	ND	ND	ND
	CARGMW060610	6/30/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**2.2**	ND	ND	ND
	CARGMW060611	6/28/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW060812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-09	MW-9	11/16/1990	NA	NA	ND	NA	**2.4**	**1.6**	ND	NA	ND	NA	**8.8**	ND	ND	**2.8**	ND	ND	ND
	CARGMW0903	4/18/2000	ND	ND	ND	ND	1.9 J	ND	ND	2.9 J	ND	ND	3.7 J	ND	ND	4.4 J	ND	ND	ND
	CARGMW0904	7/10/2001	ND	ND	ND	ND	2.4 J	ND	ND	4.51 J	0.61 J	3.9 J	**6.6**	ND	ND	**6.2**	ND	ND	ND
	CARGMW0905	6/25/2002	ND	ND	ND	ND	1.9 J	ND	ND	NA	ND	3.3 J	**5.9**	ND	ND	**6.6**	ND	ND	ND
	CARGMW0905	6/25/2003	ND	ND	ND	ND	**2**	ND	ND	NA	ND	**3.7**	**7.1**	ND	ND	**7.1**	ND	ND	ND
	CARGMW0906	6/21/2004	ND	ND	ND	ND	**1.5**	ND	ND	NA	ND	**2.8**	**5.8**	ND	ND	**8.3**	0.57 J	ND	ND
(Duplicate)	CARHMW0906	6/21/2004	ND	ND	ND	ND	**1.5**	ND	ND	NA	ND	**2.7**	**5.6**	ND	ND	**8**	0.55 J	ND	ND
	CARGMW0906	7/11/2005	ND	ND	ND	0.25 J	**1.8**	ND	ND	NA	ND	**3.2**	**7.1**	ND	ND	**9.1**	0.67 J	ND	ND
	CARGMW0907	11/7/2006	ND	ND	ND	ND	**2**	ND	ND	NA	ND	**2.9**	**8.1**	ND	ND	**8.5**	0.39 J	ND	ND
	CARGMW0908	2/12/2007	ND	ND	ND	ND	**0.91**	ND	ND	NA	ND	**1.2**	**2.9**	ND	ND	**3.8**	ND	ND	ND
	CARGMW0909	5/8/2007	ND	ND	ND	ND	**1.1**	ND	ND	NA	ND	**1.3**	**2.8**	ND	ND	**4.6**	0.32 J	ND	ND
	CARGMW0910	8/21/2007	ND	ND	ND	ND	**2.1**	ND	ND	NA	ND	**2.3**	**6.4**	ND	ND	**7.9**	ND	ND	ND
	ENSTHMPMW090609	6/28/2009	ND	ND	ND	ND	0.89 J	ND	ND	NA	ND	0.79 J	**2.5**	ND	ND	**4.2**	ND	ND	ND
	CARGMW090610	6/30/2010	ND	ND	ND	ND	**1.3**	ND	ND	NA	ND	**1.1**	**2.5**	ND	ND	**4.9**	ND	ND	ND
	CARGMW090611	6/28/2011	ND	ND	ND	ND	0.80 J	ND	ND	NA	ND	0.47 J	**1.6**	ND	ND	**3.6**	ND	ND	ND
	CARGMW090812	8/15/2012	ND	ND	ND	ND	**1.5**	ND	ND	NA	ND	**1.6**	**3.3**	ND	ND	**5.1**	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-10	CARG990101	4/25/1999	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGW99103	4/19/2000	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
	CARG990104	7/11/2001	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1005	6/24/2002	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1005	6/26/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1006	6/21/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1006	7/12/2005	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1007	11/8/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1008	2/12/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARHMW1008	2/12/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1009	5/8/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1010	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW100609	6/28/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW100610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW100611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW100812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	**4.4**

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-12*	CARG990301	4/25/1999	**6.1**	ND	ND	ND	ND	ND	ND	NA	**14.1**	**5.2**	ND	ND	ND	**2.9**	ND	ND	ND
	CARGW99303	4/18/2000	ND	ND	ND	ND	ND	ND	ND	**6.5**	NA	NA	ND	ND	ND	**1.4**	ND	ND	ND
	CARG9903-04	7/11/2001	**26.5**	ND	ND	ND	ND	ND	ND	NA	1.9 J	3.9 J	ND	ND	ND	**1.1**	ND	ND	ND
	CARGMW1205	6/25/2002	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1205	6/26/2003	ND	ND	ND	ND	ND	ND	ND	NA	**4.9**	**2.7**	ND	ND	ND	**4.4**	ND	ND	ND
	CARGMW1206	6/23/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1206	7/12/2005	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.35 J	ND	ND	ND	0.42 J	ND	ND	ND
	CARGMW1207	11/8/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1208	2/13/2007	ND	ND	ND	ND	ND	ND	ND	NA	0.89 J	0.49 J	ND	ND	ND	ND	ND	ND	ND
	CARGMW1209	5/8/2007	ND	ND	0.29 J	ND	ND	ND	ND	NA	0.99 J	0.50 J	ND	ND	ND	0.50 J	ND	ND	ND
(Duplicate)	CARGHW1209	5/8/2007	ND	ND	0.29 J	ND	ND	ND	ND	NA	0.84 J	0.50 J	ND	ND	ND	0.43 J	ND	ND	ND
	CARGMW1210	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW120609	6/28/2009	ND	ND	ND	ND	ND	ND	ND	NA	**5.5**	**2.5**	0.45 J	ND	ND	**9.0**	ND	ND	ND
	CARGMW120610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	**9.7**	**4.5**	0.58 J	ND	ND	**12.1**	ND	ND	ND
MW-21	CARGMW210812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW - 13D*	Interval 1 : (8.7-11.8)	10/11/1999	ND	ND	NA	NA	**128**	NA	17.7 J	NA	ND	**2,440**	NA	ND	NA	**21.8**	NA	**568**	NA
	Interval 2 : (13.7-16.8)	10/11/1999	ND	ND	NA	NA	247 J	NA	57.9 J	NA	ND	**6,940**	NA	ND	NA	ND	NA	**1,850**	NA
	Interval 3 : (18.7-22)	10/11/1999	NA	NA	NA	NA	230 J	NA	55.9 J	NA	ND	**6,520**	NA	ND	NA	ND	NA	**1,720**	NA
	Interval 4 : (23.6-26.9)	10/11/1999	ND	NA	NA	NA	225 J	ND	51.8 J	NA	ND	**6,310**	NA	ND	NA	ND	NA	**1,580**	NA
	Interval 5 : (28.7-31.8)	10/11/1999	ND	NA	NA	NA	225 J	NA	56 J	NA	ND	**6,310**	NA	ND	NA	ND	NA	**1,670**	NA
904 (Diffusion	Interval 6 : NS	10/11/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Interval 7 : No Sample	10/11/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Interval 8 : (44.1-47.2)	10/11/1999	NA	NA	NA	NA	138 J	NA	30.2 J	NA	ND	**4,290**	NA	NA	NA	ND	NA	**1,080**	NA
	Interval 9 : (48.7-51.7)	10/11/1999	NA	NA	NA	NA	110 J	NA	24.7 J	NA	ND	**3,230**	NA	NA	NA	ND	NA	**822**	NA
	Interval 10 : (54.2-57)	10/11/1999	NA	NA	NA	NA	82.8 J	NA	18.8 J	NA	ND	**2,360**	NA	NA	NA	ND	NA	**601**	NA
MW - 13D*	Interval 1 : (9-12)	5/2/2000	ND	30 J	NA	NA	**160**	NA	**26**	**3,900**	ND	**3,900**	NA	1.1 J	NA	**36**	NA	**610**	NA
	Interval 2 : (14-17)	5/2/2000	ND	1.1 J	NA	NA	**180**	NA	**45**	**6,000**	ND	**6,000**	NA	2.5 J	NA	**12**	NA	**970**	NA
	Interval 3 : (19-22.5)	5/2/2000	NA	NA	NA	NA	**160**	NA	**34**	**5,200**	ND	**5,200**	NA	2.6 J	NA	**7.3**	NA	**830**	NA
	Interval 4 : (24.1-27)	5/2/2000	4.6 J	NA	NA	NA	**160**	1.1 J	**40**	NA	ND	**5,500**	NA	2.3 J	NA	**8.2**	NA	**690**	NA
	Interval 5 : (29.5-32)	5/2/2000	ND	NA	NA	NA	**170**	NA	**44**	**5,600**	ND	**5,600**	NA	2.3 J	NA	**8.7**	NA	**880**	NA
iffusion Sampl	Interval 6 : (34.1-37.1)	5/2/2000	NA	NA	NA	NA	**120**	NA	**29**	**4,800**	ND	**4,800**	NA	2.0 J	NA	**5.7**	NA	**560**	NA
	Interval 7 : (38.8-42)	5/2/2000	NA	NA	NA	NA	**89**	NA	**20**	**2,900**	ND	**2,900**	NA	ND	NA	3.9 J	NA	**390**	NA
	Interval 8 : (43.2-47)	5/2/2000	NA	NA	NA	NA	**61**	NA	**14**	**1,900**	ND	**1,900**	NA	NA	NA	2.6 J	NA	**280**	NA
	Interval 9 : (48-52.2)	5/2/2000	NA	NA	NA	NA	**41**	NA	**9.6**	NA	ND	**1,500**	NA	NA	NA	2.0 J	NA	**190**	NA
	Interval 10 : (54-57)	5/2/2000	NA	NA	NA	NA	**13**	NA	3.1 J	NA	ND	**390**	NA	NA	NA	ND	NA	**66**	NA
MW - 13D*	Interval 1 : (9-12)	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Interval 2 : (14-17)	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Interval 3 : (19-22.5)	7/13/2001	NA	NA	NA	NA	**137**	NA	ND	NA	ND	**4,080**	NA	ND	NA	ND	NA	**500**	NA
	Interval 4 : (24.1-27)	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Interval 5 : (29.5-32)	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
iffusion Sampl	Interval 6 : (34.1-37.1)	7/13/2001	NA	NA	NA	NA	**182**	NA	ND	NA	ND	**6,720**	NA	ND	NA	ND	NA	**1,090**	NA
	Interval 7 : (38.8-42)	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Interval 8 : (43.2-47)	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Interval 9 : (48-52.2)	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Interval 10 : (54-57)	7/13/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW - 13D*	Interval 1 : (9-11)	7/13/2001	ND	NA	NA	NA	34.4 J	NA	9.7 J	NA	ND	**1,210**	NA	NA	NA	NA	NA	**199**	NA
	Interval 2 : (14-16)	7/13/2001	ND	ND	NA	NA	32 J	NA	ND	NA	ND	**1,160**	NA	ND	NA	ND	NA	**190**	NA
	Interval 3 : (19-21)	7/13/2001	NA	NA	NA	NA	45.1 J	NA	10.3 J	NA	ND	**1,600**	NA	ND	NA	ND	NA	**230**	NA
	Interval 4 : (24-26)	7/13/2001	ND	NA	NA	NA	69.9 J	ND	ND	NA	ND	**2,390**	NA	ND	NA	ND	NA	**338**	NA
	Interval 5 : (29-31)	7/13/2001	ND	NA	NA	NA	**52**	NA	112 J	NA	ND	**1,730**	NA	ND	NA	ND	NA	**259**	NA
ow-Flow Samp	Interval 6 : (34-36)	7/13/2001	NA	NA	NA	NA	**52.7**	NA	11.2 J	NA	ND	**1,810**	NA	ND	NA	ND	NA	**256**	NA
	Interval 7 : (39-40)	7/13/2001	NA	NA	NA	NA	61.1 J	NA	ND	NA	ND	**2,070**	NA	ND	NA	ND	NA	**332**	NA
	Interval 8 : (44-46)	7/13/2001	NA	NA	NA	NA	**54.4**	NA	11.6 J	NA	ND	**1,850**	NA	NA	NA	ND	NA	**281**	NA
	Interval 9 : (49-50)	7/13/2001	NA	NA	NA	NA	60.4 J	NA	ND	NA	ND	**1,950**	NA	NA	NA	ND	NA	**268**	NA
	Interval 10 : (54-56)	7/13/2001	NA	NA	NA	NA	43.4 J	NA	ND	NA	ND	**1,480**	NA	NA	NA	ND	NA	**219**	NA

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW - 13D*	Interval 1 : (7-10)	8/13/2002	ND	1.4 J	NA	NA	**32.6**	NA	1.7 J	NA	ND	**530**	NA	ND	NA	2.4 J	NA	**26.9**	NA
	Interval 2 : (12-15)	8/13/2002	**66.8**	ND	NA	NA	163 J	NA	41.1 J	NA	ND	**5,570**	NA	ND	NA	ND	NA	**680**	NA
	Interval 3 : (17-20)	8/13/2002	NA	NA	NA	NA	174 J	NA	41.8 J	NA	ND	**6,170**	NA	ND	NA	ND	NA	**730**	NA
	Interval 4 : (22-25)	8/13/2002	ND	NA	NA	NA	135 J	ND	ND	NA	ND	**5,140**	NA	ND	NA	ND	NA	**573**	NA
	Interval 5 : (27-30)	8/13/2002	ND	NA	NA	NA	147 J	NA	34.4 J	NA	ND	**5,360**	NA	ND	NA	ND	NA	**607**	NA
iffusion Sampl	Interval 6 : (32-35)	8/13/2002	NA	NA	NA	NA	149 J	NA	36.2 J	NA	ND	**5,350**	NA	ND	NA	ND	NA	**692**	NA
	Interval 7 : (37-40)	8/13/2002	NA	NA	NA	NA	76.4 J	NA	17.8 J	NA	ND	**2,780**	NA	ND	NA	ND	NA	**337**	NA
	Interval 8 : (42-45)	8/13/2002	NA	NA	NA	NA	69.8 J	NA	16.0 J	NA	ND	**2,660**	NA	NA	NA	ND	NA	**310**	NA
	Interval 9 : (47-50)	8/13/2002	NA	NA	NA	NA	61.4 J	NA	14.3 J	NA	ND	**2,340**	NA	NA	NA	ND	NA	**273**	NA
	Interval 10 : (54-57)	8/13/2002	NA	NA	NA	NA	**50.1**	NA	10.7 J	NA	ND	**1,720**	NA	NA	NA	ND	NA	**231**	NA
MW - 13D*	Interval 1 : (7-10)	6/25/2003	**11.7**	**3.8**	NA	NA	**1.3**	NA	ND	NA	ND	**60.2**	NA	0.46 J	NA	ND	NA	**ND**	NA
	Interval 2 : (12-15)	6/25/2003	ND	ND	NA	NA	**145**	NA	15.4 J	NA	ND	**4,610**	NA	ND	NA	ND	NA	**1,070**	NA
	Interval 3 : (17-20)	6/25/2003	NA	NA	NA	NA	**150**	NA	ND	NA	ND	**5,040**	NA	ND	NA	ND	NA	**1,090**	NA
	Interval 4 : (22-25)	6/25/2003	ND	NA	NA	NA	**140**	ND	ND	NA	ND	**4,560**	NA	ND	NA	ND	NA	**1,020**	NA
	Interval 5 : (27-30)	6/25/2003	ND	NA	NA	NA	**143**	NA	ND	NA	ND	**4,870**	NA	ND	NA	ND	NA	**1,070**	NA
iffusion Sampl	Interval 6 : (32-35)	6/25/2003	NA	NA	NA	NA	**139**	NA	22.7 J	NA	ND	**4,570**	NA	ND	NA	ND	NA	**1,050**	NA
	Interval 7 : (37-40)	6/25/2003	NA	NA	NA	NA	**70.8**	NA	10.5 J	NA	ND	**2,320**	NA	ND	NA	ND	NA	**580**	NA
	Interval 8 : (42-45)	6/25/2003	NA	NA	NA	NA	**72 / 72.7**	NA	**17.4 / 15.7**	NA	ND / ND	**1,950 / 2,250**	NA	NA	NA	ND / ND	NA	**631 / 644**	NA
	Interval 9 : (47-50)	6/25/2003	NA	NA	NA	NA	**70.3**	NA	**16.6**	NA	4.7 J	**2,040**	NA	NA	NA	ND	NA	**649**	NA
	Interval 10 : (54-57)	6/25/2003	NA	NA	NA	NA	**34.6**	NA	**6.9**	NA	ND	**1,030**	NA	NA	NA	ND	NA	**315**	NA
MW - 13D*	Interval 1 : (7-10)	6/23/2004	**36.9**	**2.2**	NA	NA	.88 J	NA	ND	NA	ND	**47.9**	NA	ND	NA	ND	NA	**ND**	NA
	Interval 2 : (12-15)	6/23/2004	ND	ND	NA	NA	**115**	NA	**31**	NA	ND	**3,820**	NA	ND	NA	ND	NA	**579**	NA
	Interval 3 : (17-20)	6/23/2004	NA	NA	NA	NA	**127**	NA	**34.4**	NA	ND	**4,210**	NA	ND	NA	ND	NA	**607**	NA
	Interval 4 : (22-25)	6/23/2004	ND	NA	NA	NA	**127**	ND	**34.3**	NA	ND	**3,860**	NA	ND	NA	ND	NA	**625**	NA
	Interval 5 : (27-30)	6/23/2004	ND	NA	NA	NA	**122**	NA	**35.9**	NA	ND	**3,870**	NA	ND	NA	ND	NA	**657**	NA
iffusion Sampl	Interval 6 : (32-35)	6/23/2004	NA	NA	NA	NA	**127**	NA	**32.9**	NA	ND	**3,730**	NA	ND	NA	ND	NA	**663**	NA
	Interval 7 : (37-40)	6/23/2004	NA	NA	NA	NA	**43.7**	NA	**12.3**	NA	ND	**1,420**	NA	ND	NA	ND	NA	**230**	NA
	Interval 8 : (42-45)	6/23/2004	NA	NA	NA	NA	**38.3**	NA	**10.8**	NA	ND	**1,290**	NA	NA	NA	ND	NA	**200**	NA
	Interval 9 : (47-50)	6/23/2004	NA	NA	NA	NA	**32.1 / 32.3**	NA	9 J / 8.5 J	NA	ND / ND	**1,100 / 1,100**	NA	NA	NA	ND / ND	NA	**177 / 179**	NA
	Interval 10 : (54-57)	6/23/2004	NA	NA	NA	NA	**20.9**	NA	**5.5**	NA	ND	**706**	NA	NA	NA	ND	NA	**108**	NA
MW - 13D*	Interval 1 : (7-10)	7/13/2005	7.5 J	0.9 J	NA	NA	**37.9**	NA	**3.9**	NA	**1.5**	**719**	NA	ND	NA	**2.4**	NA	**13.8**	NA
	Interval 2 : (12-15)	7/13/2005	ND	ND	NA	NA	**102**	NA	**21.2**	NA	**27.8**	**3,560**	NA	ND	NA	3.2 J	NA	**400**	NA
	Interval 3 : (17-20)	7/13/2005	NA	NA	NA	NA	**89.3**	NA	**18.9**	NA	**19.3**	**3,280**	NA	ND	NA	3 J	NA	**345**	NA
	Interval 4 : (22-25)	7/13/2005	ND	NA	NA	NA	**95.7**	ND	**56 J**	NA	**22.3**	**3,420**	NA	ND	NA	3.1 J	NA	**342**	NA
	Interval 5 : (27-30)	7/13/2005	**91.3**	NA	NA	NA	**ND**	NA	**18.5**	NA	**15.9**	**3,190**	NA	ND	NA	2.9 J	NA	**330**	NA
iffusion Sampl	Interval 6 : (32-35)	7/13/2005	NA	NA	NA	NA	**49.2**	NA	**7.2**	NA	**47**	**1,580**	NA	ND	NA	1.5 J	NA	**170**	NA
	Interval 7 : (37-40)	7/13/2005	NA	NA	NA	NA	**39.7**	NA	**5**	NA	**51.3**	**1,290**	NA	ND	NA	1.2 J	NA	**139**	NA
	Interval 8 : (42-45)	7/13/2005	NA	NA	NA	NA	**36.2 / 38.2**	NA	**4.3 / 6.6**	NA	**59.6 / 18.4**	**1,140 / 1,230**	NA	NA	NA	1.2 J / 1.1 J	NA	**130 / 154**	NA
	Interval 9 : (47-50)	7/13/2005	NA	NA	NA	NA	**25**	NA	**99**	NA	**26.2**	**923**	NA	NA	NA	1.1 J	NA	**77.3**	NA
	Interval 10 : (54-57)	7/13/2005	NA	NA	NA	NA	**29.6**	NA	**7**	NA	.92 J	**728**	NA	NA	NA	.93 J	NA	**152**	NA

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-13D*	Interval 6 : (32-35)	11/9/2006	ND	ND	ND	ND	**23.5**	ND	**5.1**	NA	**1.6**	**577**[a]	ND	ND	ND	.75 J	ND	**121**	ND
	Interval 7 : (37-40)	11/9/2006	ND	ND	ND	ND	**19.4**	ND	**4.2**	NA	**1.1**	**542**[a]	ND	ND	ND	.67 J	ND	**106**	ND
(Diffusion	Interval 8 : (42-45)	11/9/2006	ND	ND	ND	ND	**17.7**	ND	**3.9**	NA	0.98 J	**459**[a]	ND	ND	ND	.59 J	ND	**101**	ND
Sample)	Interval 9 : (47-50)	11/9/2006	ND	ND	ND	ND	**13.5**	ND	**2.6**	NA	1.6 J	**390**	ND	ND	ND	ND	ND	**80.3**	ND
	Interval 10 : (54-57)	11/9/2006	ND	ND	ND	ND	**7.9**	ND	1.4 J	NA	ND	**219**	ND	ND	ND	ND	ND	**48**	ND
MW-13D*	Interval 6 : (32-35)	2/12/2007	ND	ND	ND	ND	**13.1**	ND	**3.7**	NA	ND	**412**[a]	ND	ND	ND	ND	ND	**87.2**	ND
	Interval 7 : (37-40)	2/12/2007	ND	ND	ND	ND	**10.1**	ND	**3.1**	NA	0.84 J	**286**[a]	ND	ND	ND	0.39 J	ND	**71**	ND
(Diffusion	Interval 8 : (42-45)	2/12/2007	ND	ND	ND	ND	**10.1**	ND	**3**	NA	0.75 J	**290**[a]	ND	ND	ND	0.39 J	ND	**71**	ND
Sample)	Interval 9 : (47-50)	2/12/2007	ND	ND	ND	ND	**7.7**	ND	**2.2**	NA	0.50 J	**221**[a]	ND	ND	ND	0.31 J	ND	**54.9**	ND
	Interval 10 : (54-57)	2/12/2007	ND	ND	ND	ND	**4.4**	ND	**1**	NA	0.44 J	**146**	ND	ND	ND	ND	ND	**26.4**	ND
MW-13D*	Interval 6 : (32-35)	5/9/2007	3.9 J	ND	ND	ND	**10.7**	ND	**3.1**	NA	**1.0**	**342**[a]	ND	ND	ND	0.43 J	ND	**105**	ND
	Interval 7 : (37-40)	5/9/2007	ND	ND	ND	ND	**7.5**	ND	**2.1**	NA	**1.3**	**227**[a]	ND	ND	ND	ND	ND	**73.6**	ND
(Diffusion	Interval 8 : (42-45)	5/9/2007	ND	ND	ND	ND	**7.0**	ND	**2.0**	NA	0.82 J	**210**[a]	ND	ND	ND	ND	ND	**72.9**	ND
Sample)	Interval 9 : (47-50)	5/9/2007	4.6 J	ND	ND	ND	**5.6**	ND	**1.5**	NA	0.56 J	**185**	ND	ND	ND	ND	ND	**57.5**	ND
	Interval 10 : (54-57)	5/9/2007	ND	ND	ND	ND	**3.1**	ND	0.96 J	NA	ND	**107**	ND	ND	ND	ND	ND	**36.2**	ND
MW-13D*	Interval 6 : (32-35)	8/21/2007	ND	ND	ND	ND	**33.8**	ND	ND	NA	ND	**1250**	ND	ND	ND	ND	ND	**132**	ND
	Interval 7 : (37-40)	8/21/2007	ND	ND	ND	ND	**25.7**	ND	ND	NA	**8.8**	**992**	ND	ND	ND	ND	ND	**103**	ND
(Diffusion	Interval 8 : (42-45)	8/21/2007	ND	ND	ND	ND	**22.8**	ND	ND	NA	3.7 J	**917**	ND	ND	ND	ND	ND	**92.9**	ND
Sample)	Interval 9 : (47-50)	8/21/2007	ND	ND	ND	ND	**18.8**	ND	ND	NA	**8.1**	**724**	ND	ND	ND	ND	ND	**72.2**	ND
	Interval 10 : (54-57)	8/21/2007	ND	ND	ND	ND	**15.5**	ND	ND	NA	**5.9**	**590**	ND	ND	ND	ND	ND	**68.9**	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-13D2 Duplicate	ENSTHMPMW13D20609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.61 J	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPDUP10609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.54 J	ND	ND	ND	ND	ND	ND	ND
	MW-13D2	9/9/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	**1.6**	ND	ND	ND	ND	ND	ND	ND
	CARGMW13D20210	2/17/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	**2.4**	ND	ND	ND	ND	ND	ND	ND
	CARGMW13D20310	3/24/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW13D20610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW13D20611	6/28/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW13D0812	8/15/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-14	CARGMW5S04	7/11/2001	ND	ND	ND	ND	1.2 J	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	**5.2**	ND
	CARGMW5S05	6/24/2002	ND	ND	ND	ND	ND	ND	ND	NA	ND	0.24 J	ND	ND	ND	ND	ND	ND	ND
	CARGMW1405	6/26/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1406	6/22/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	0.80 J	ND
	CARGMW1406	7/13/2005	ND	ND	ND	ND	ND	0.57 J	ND	NA	ND	ND	ND	ND	ND	ND	ND	**1.8**	ND
	CARGMW1407	11/8/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1408	2/13/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1409	5/8/2007	ND	ND	ND	ND	ND	0.27 J	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1410	8/22/2007	ND	ND	ND	ND	0.32 J	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	0.71 J	ND
	ENSTHMPMW140609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW140610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW140611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW140812	8/15/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-14D	CARGMW005D	4/28/2000	8.1 J	ND	ND	3.0 J	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND
	CARGMW5D04	7/11/2001	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1405	6/25/2002	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARHMW1405	6/25/2002	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D05	6/26/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D06	6/22/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D06	7/13/2005	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D07	11/8/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D08	2/14/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARGMW14D08	2/14/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D09	5/9/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14010	8/22/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW14D0609	6/26/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D0610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D0611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW14D0812	8/15/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-15D*	CARGMW006	4/28/2000	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
	CARG000604	7/11/2001	**7.2**	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
	CARH000604	7/11/2001	ND	ND	ND	ND	ND	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW15D05	6/25/2002	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW15D05	6/24/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW15D06	6/23/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW15D	7/12/2005	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARGDUP2	7/12/2005	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW15D07	11/8/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARHMW15D07	11/8/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARHMW15D08	2/14/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW15D09	5/9/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW15010	8/22/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW15D0609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW15D0610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-16D	CARGMW00BG	4/27/2000	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D04	7/10/2001	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D05	6/24/2002	**76.8**	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D05	6/23/2003	**19.8**	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D06	6/23/2004	**1,870 D**	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D	7/12/2005	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D07	11/9/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARHMW16D07	11/9/2006	648 J	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D08*	2/14/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	CARGMW16D09	5/9/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
(Duplicate)	CARHMW16D09	5/9/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16010	8/22/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW16D0609	6/28/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D0610	6/29/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D0611	6/28/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW16D0812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW–17	CARG010704	7/13/2001	**6**	ND	ND	ND	ND	ND	ND	NA	2.5 J	**249**	ND	ND	ND	**42.6**	ND	**11**	ND
	CARGMW1705	6/26/2002	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1705	6/24/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1706	6/23/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1706	7/12/2005	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1707	11/8/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1708	2/13/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1709	5/8/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW1710	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	ENSTHMPMW170609	6/29/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW170610	7/1/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW170611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARGMW170812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-18	CARG010804	7/13/2001	ND	ND	ND	ND	ND	ND	ND	NA	29.2 J	**7,020**	ND	ND	ND	**8,760**	ND	**505**	ND
	CARGMW1805	6/26/2002	ND	ND	ND	ND	10.6 J	ND	15.4 J	NA	35.7 J	**2,770**	ND	ND	ND	**5,580**	ND	**233**	ND
	CARGMW1805	6/24/2003	ND	ND	ND	ND	7.4 J	ND	8.5 J	NA	**19.3**	**2,740**	ND	ND	ND	**1,840 D**	ND	**134**	ND
	CARGMW1806	6/22/2004	**24.7**	ND	ND	ND	**2**	ND	ND	NA	ND	**4.8**	ND	ND	ND	0.42 J	ND	**14.9**	ND
(Duplicate)	CARGMW1806	6/22/2004	**26.1**	ND	ND	ND	**2.1**	ND	ND	NA	ND	**4.9**	ND	ND	ND	0.42 J	ND	**15.8**	ND
	CARGMW1806	7/12/2005	ND	ND	ND	ND	ND	ND	11.0 J	NA	14.5 J	**4,530**	ND	ND	ND	ND	ND	**1,680**	ND
	CARGMW1807	11/8/2009	ND	ND	ND	ND	ND	ND	**21.8**	NA	**22.3**	**7,140**[a]	ND	ND	ND	**786**	ND	**1,420**	ND
	CARGMW1808	2/13/2007	ND	ND	ND	ND	5.0 J	ND	9.9 J	NA	9.1 J	**2,280**[a]	ND	ND	ND	**211**	ND	**456**	ND
	CARGMW1809	5/8/2007	ND	ND	ND	ND	3.6 J	ND	**7.0**	NA	**7.4**	**1,790** [a]	ND	ND	ND	**57.1**	ND	**776**	ND
	CARGMW1810	8/22/2007	ND	ND	ND	ND	ND	ND	ND	NA	25.0 J	**8,770**	ND	ND	ND	ND	ND	**2,530**	ND
(Duplicate)	CARHMW1810	8/22/2007	ND	ND	ND	ND	ND	ND	ND	NA	25.0 J	**8,970**	ND	ND	ND	ND	ND	**2,610**	ND
	ENSTHMPMW180609	6/29/2009	ND	ND	ND	ND	ND	ND	0.96 J	NA	**1.3**	**221 a**	ND	ND	ND	**36.4**	ND	**4.8**	ND
	CARGMW180610	6/30/2010	ND	ND	ND	ND	ND	ND	**4.2**	NA	**7.5**	**789 a**	ND	ND	ND	**93.1**	ND	**71.4**	ND
	CARGMW180611	6/28/2011	ND	ND	ND	ND	0.62 J	ND	**4.9**	NA	**8.2**	**1,020 a**	ND	ND	ND	**73.4**	ND	**89.5**	ND
	CARGMW180812	8/15/2012	ND	ND	ND	ND	**3.3**	ND	**7.5**	NA	**6.2**	**1,560 a**	ND	ND	ND	**241**	ND	**368**	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-19	CARGMW1901	6/28/2002	ND	ND	ND	0.32 J	ND	ND	ND	NA	ND	1.2 J	ND	ND	ND	0.71 J	ND	ND	ND
	CARGMW1905	6/25/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
	CARHMW1905	6/25/2003	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.4**	ND	ND	ND
	CARGMW1906	6/21/2004	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.5**	ND	ND	ND
	CARGMW1906	7/11/2005	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**2.4**	ND	ND	ND
	CARGMW1907	11/8/2006	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.2**	ND	ND	ND
	CARGMW1908	2/12/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.2**	ND	ND	ND
	CARGMW1909	5/8/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.2**	ND	ND	ND
	CARGMW1910	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.7**	ND	ND	ND
(Duplicate)	CARHMW1910	8/21/2007	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.8**	ND	ND	ND
	ENSTHMPMW190609	6/28/2009	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	0.83 J	ND	ND	ND
	CARGMW190610	6/30/2010	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	0.79 J	ND	ND	ND
	CARGMW190611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.2**	ND	ND	ND
	CARHMW190611	6/29/2011	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	**1.2**	ND	ND	ND
	CARGMW190812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

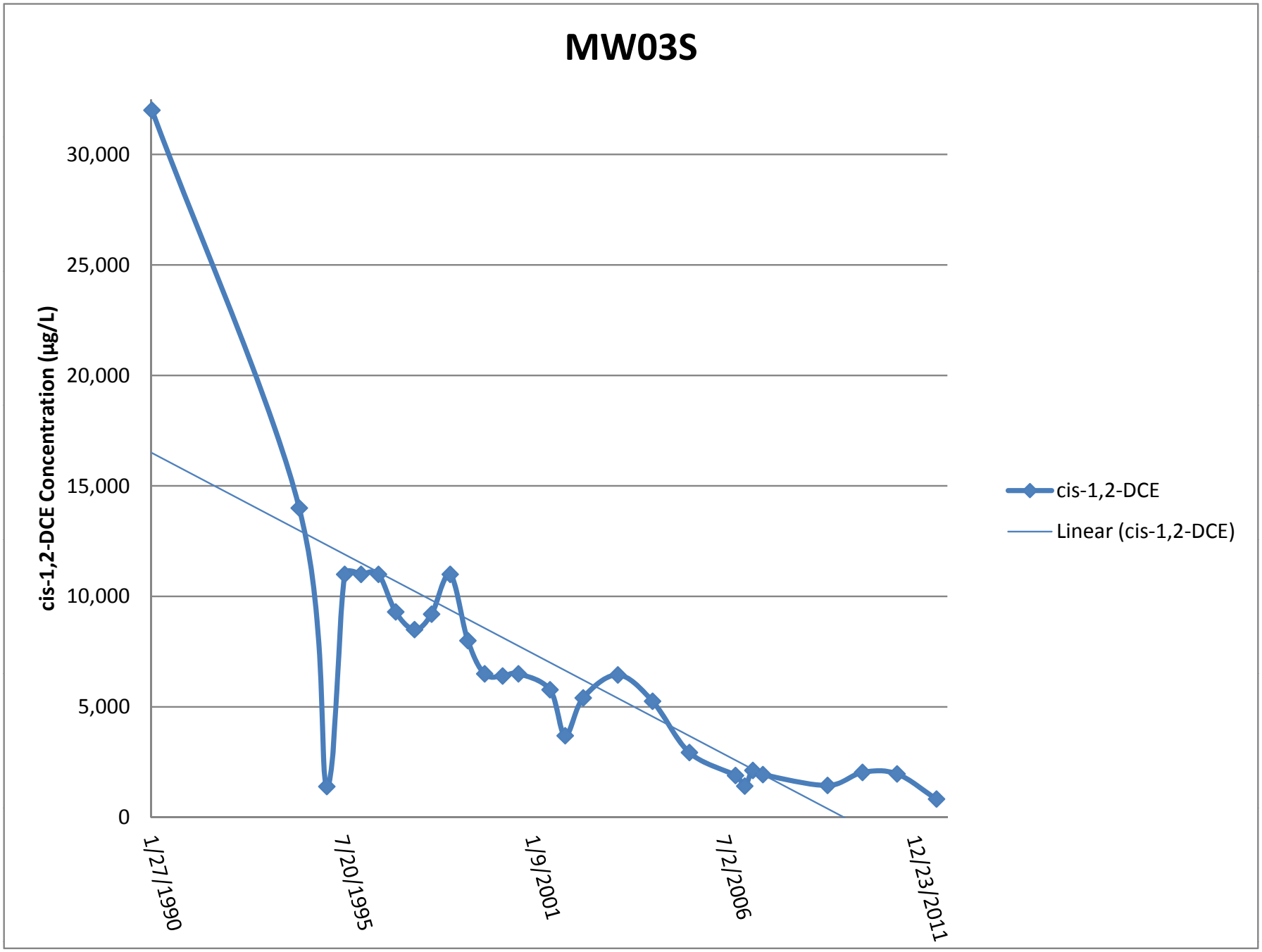
Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-20	CARGMW200610	7/1/2010	ND	ND	ND	ND	**6,610**	ND	**1,540**	NA	**103**	**5,530**	**49.1 J**	**20.5 J**	ND	**8,710**	ND	**1,010**	ND
	CARGMW200910	9/29/2010	ND	ND	ND	ND	**3,290**	5.7 J	**450**	NA	**58.8**	**3,380**	**34.6**	**17.5**	ND	**4,900**	7.1 J	**467**	ND
	CARGMW201210	1/10/2011	ND	ND	ND	ND	**5,140**	ND	**541**	NA	**99**	**6,840**	**53.5**	**24.8 J**	ND	**3,870**	ND	**759**	ND
	CARGMW200311	3/31/2011	ND	ND	ND	ND	**6,110**	12.9 J	**589**	NA	**135**	**7,490**	**60.3**	**37.8**	ND	**3,010**	10.5 J	**1,130**	ND
	CARGMW200610	6/29/2011	ND	ND	ND	1.1 J	**1,880 a**	**3.6**	**170**	NA	**42.4**	**1,640 a**	**16.2**	**11.2**	ND	**694 a**	**2.6**	**349**	ND
	CARGMW200812	8/15/2012	ND	ND	ND	1.5	**893 a**	ND	**153**	NA	**32.4**	**487 a**	**9.2**	**5.1**	ND	**243**	**2.0**	**285**	ND

Appendix D
Groundwater Analytical Results Historical Summary
Carrier Thompson Rd. Facility

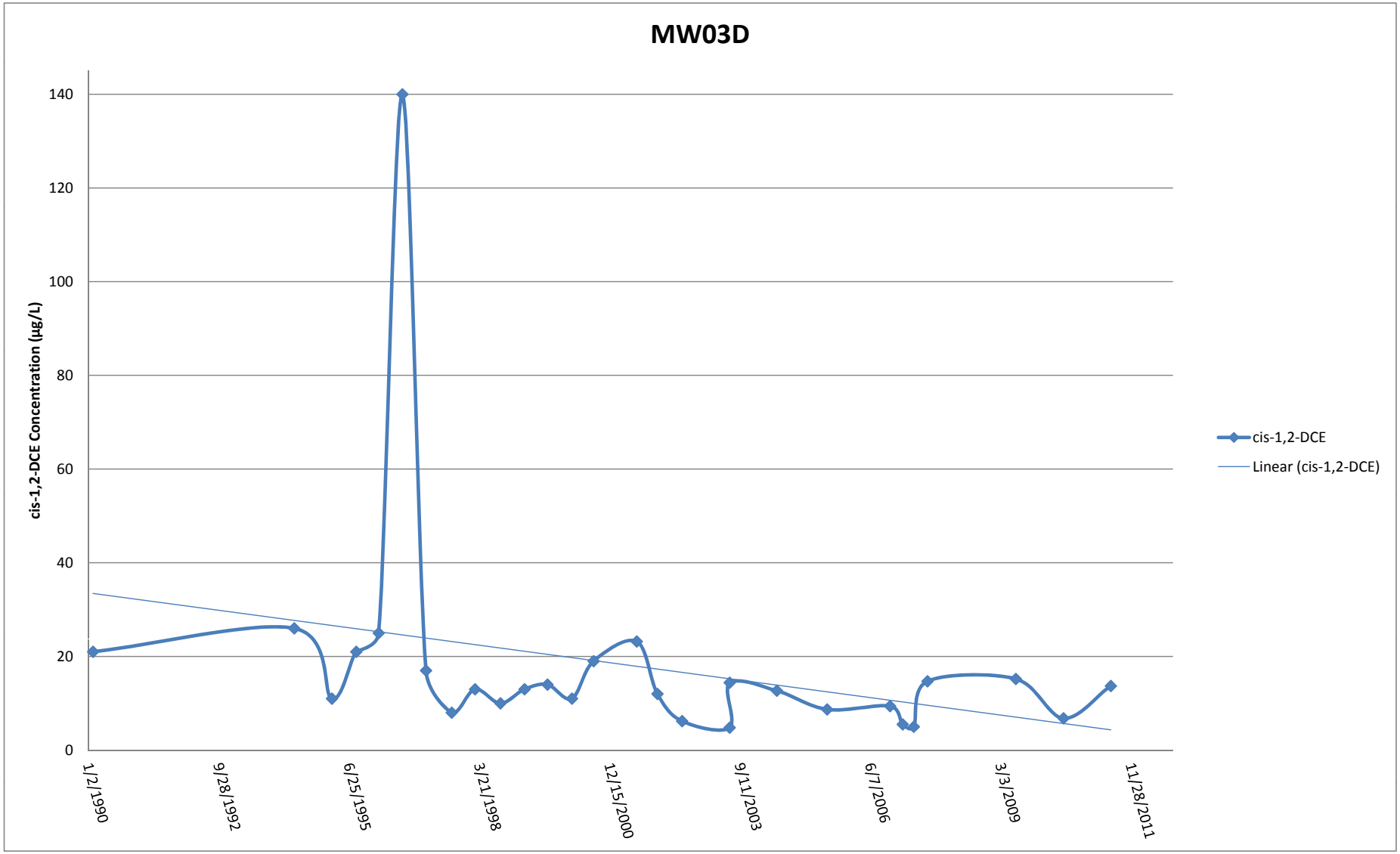
Well Number	Sample Identification	Sample Date	Acetone	Benzene	Carbon disulfide	Chloro-form	1,1-DCA	1,2-DCA	1,1-DCE	Total 1,2-DCE	trans-1,2-DCE	cis-1,2-DCE	1,1,1-TCA	1,1,2-TCA	2-Hexanone	TCE	PCE	Vinyl Chloride	MTBE
			µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
NYSDEC Standard			50 G	1	50 G	7	5	0.6	0.7 G	N/A	5	5	5	1	N/A	5	5 G	2	N/A
MW-22D	CARGMW22D0812	8/14/2012	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND

G — New York State Guidance Value
ND — Not detected above method detection limits
NA — Not Analyzed
NS — Not Samplesd as part of the Site-Wide Monitoring Plan
mg/L — milligrams per liter
µg/L — micrograms per liter
Detections highlighted in **BOLD**
J value indicates concentration is estimated and is below method detection limits.
a indicates diluted sample results.
E indicates concentration exceeds calibration range of the instrument.
* denotes that well has been abandoned

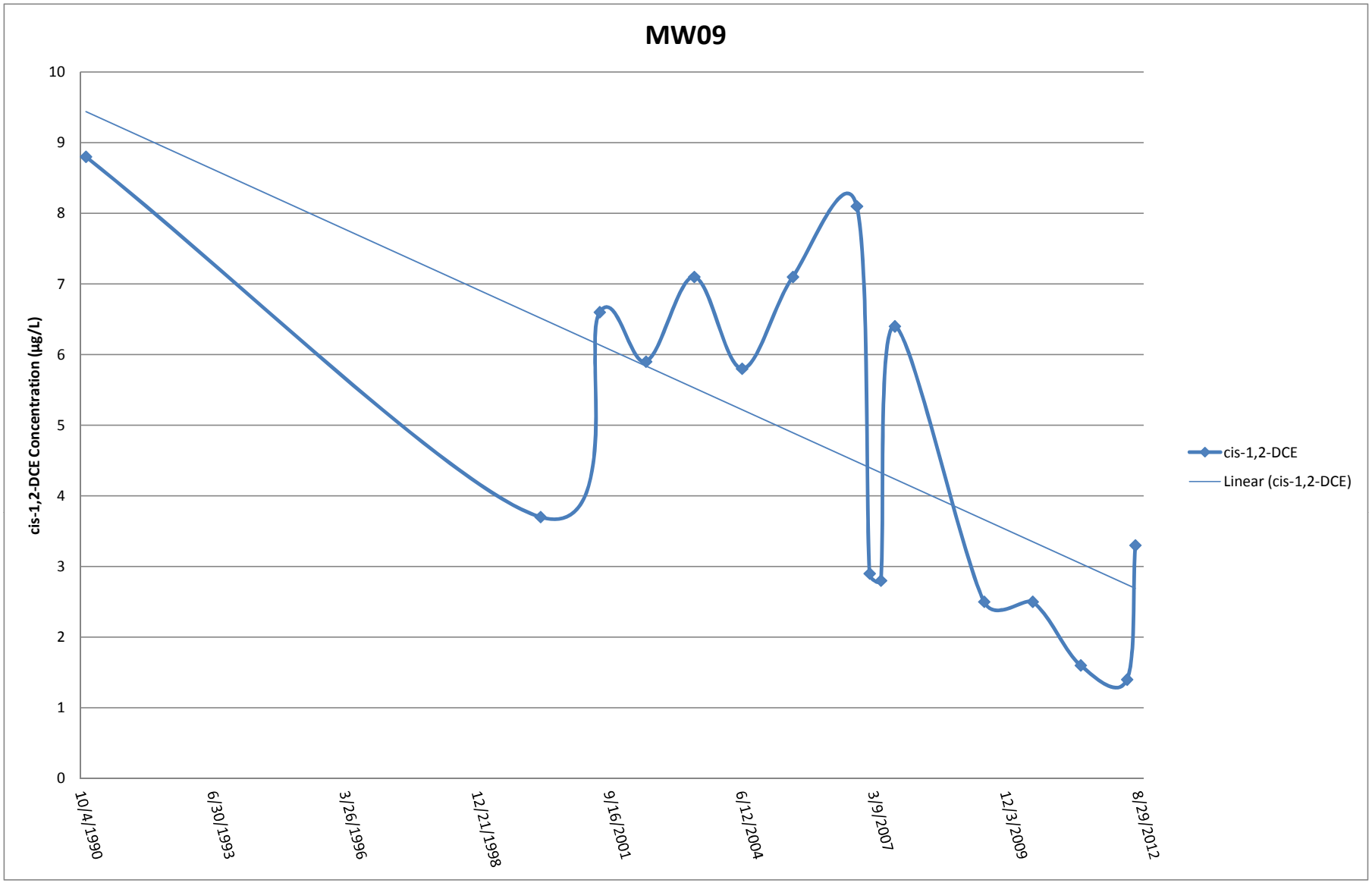
Appendix E
Trend Graphs



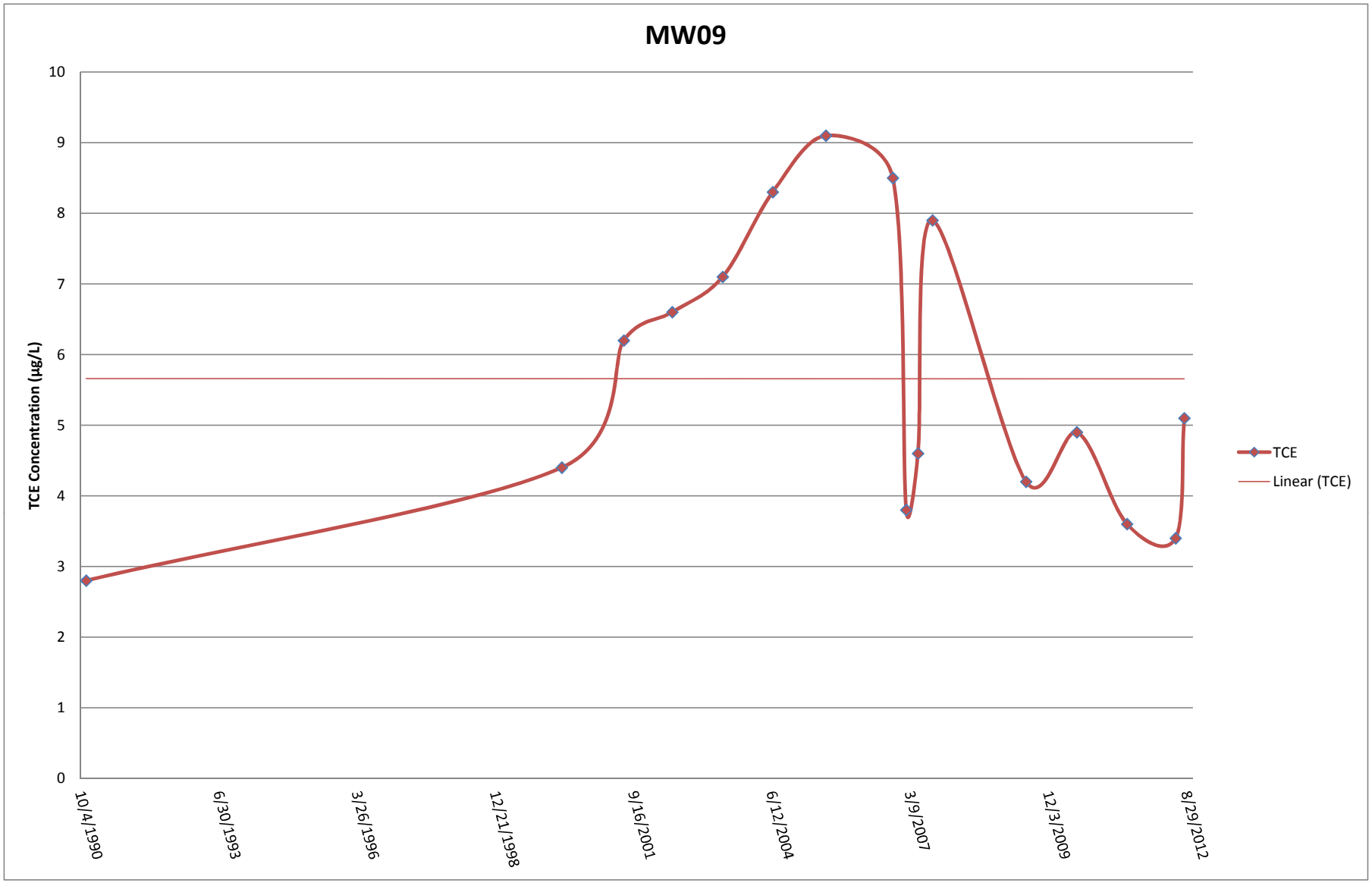
Linear = Trend line based on linear regression analysis of graph data



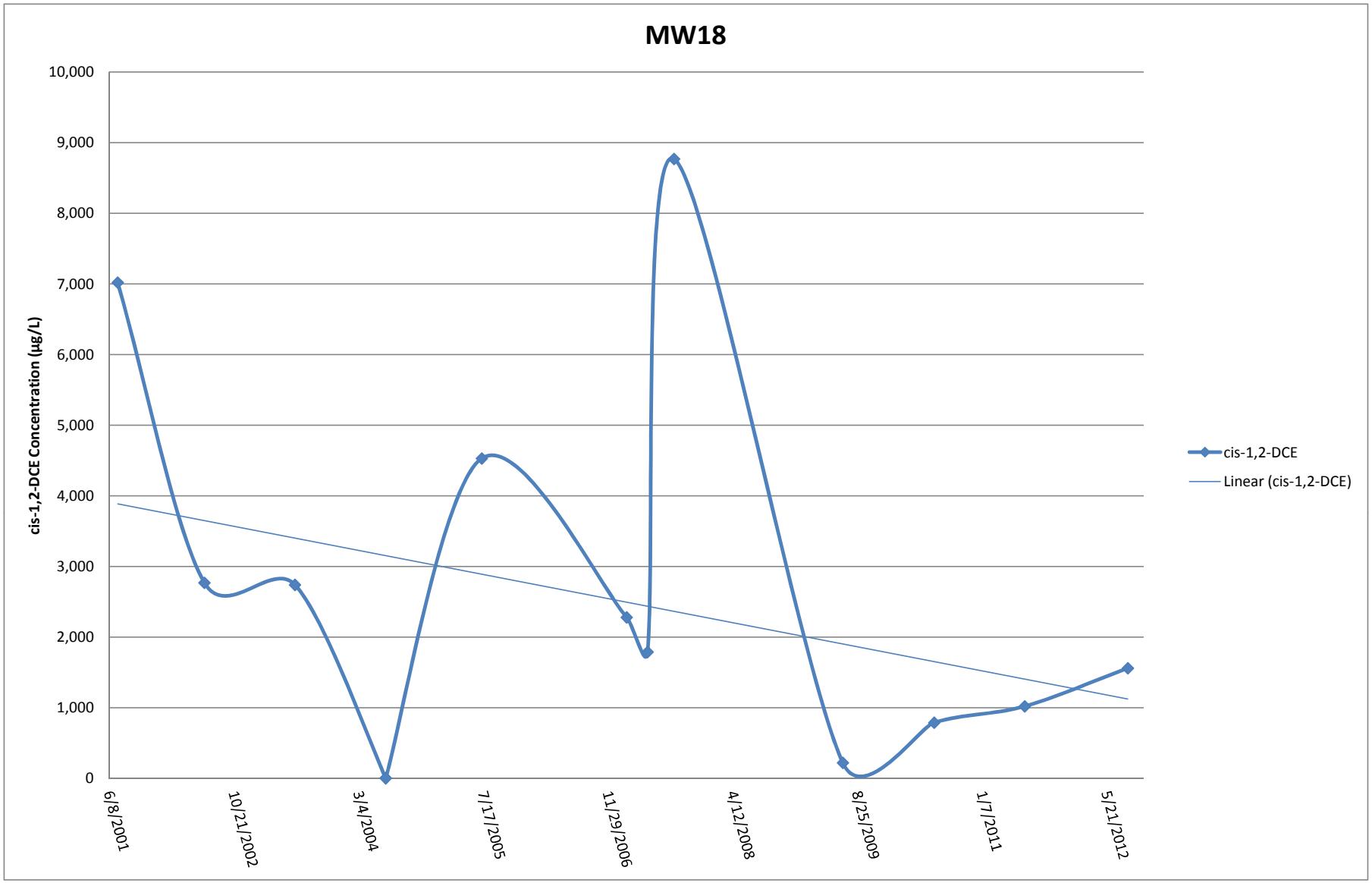
Linear = Trend line based on linear regression analysis of graph data



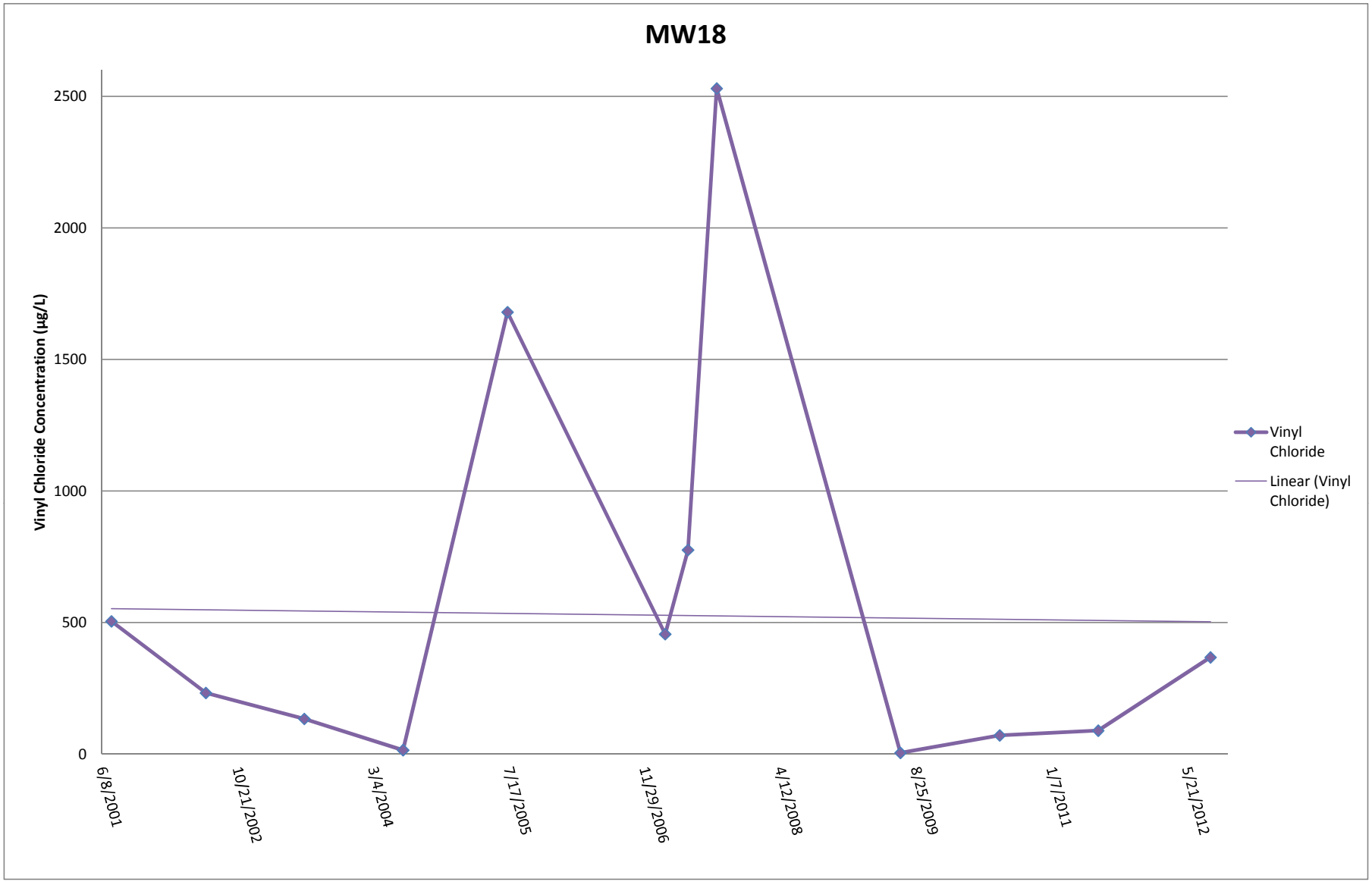
Linear = Trend line based on linear regression analysis of graph data



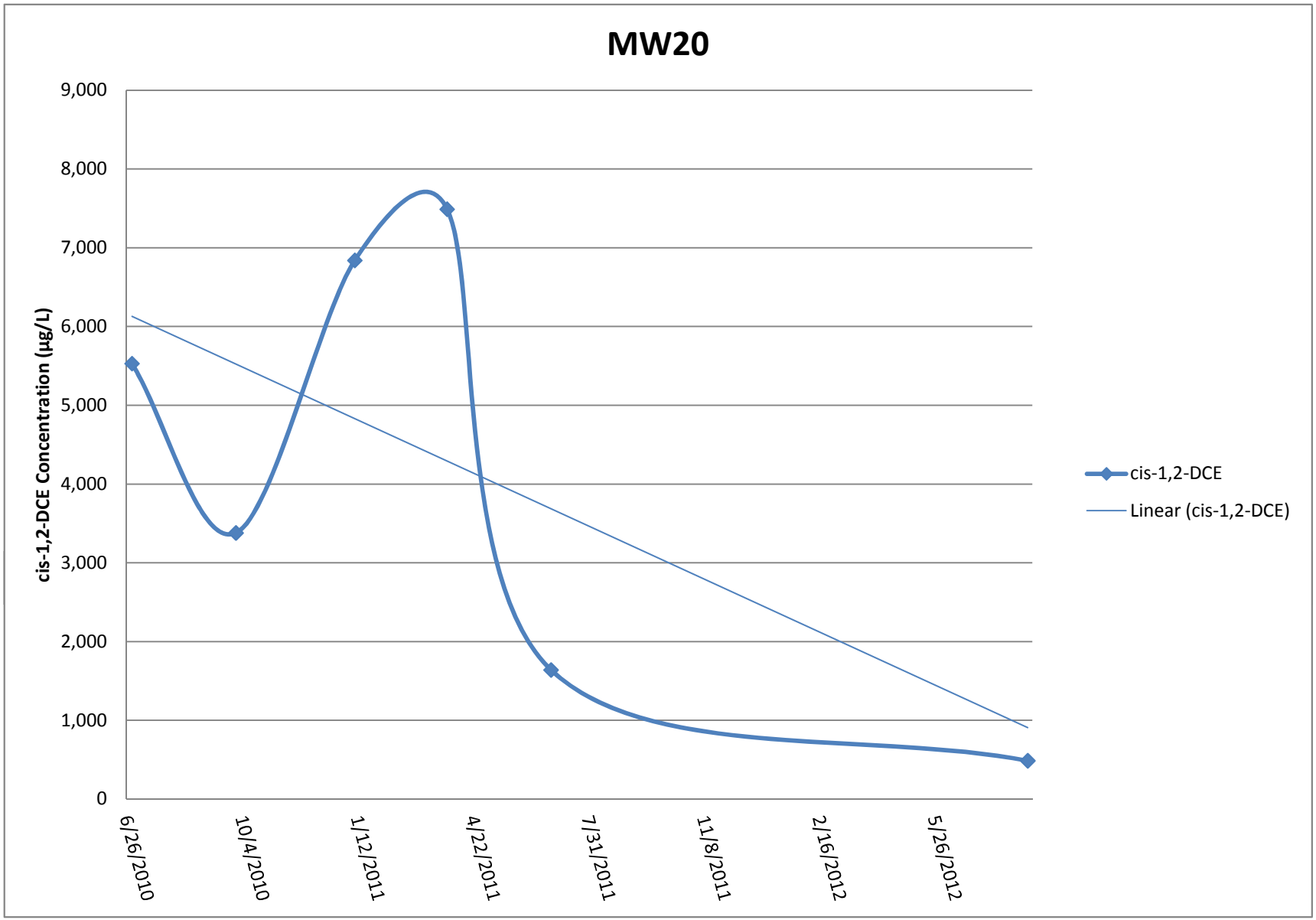
Linear = Trend line based on linear regression analysis of graph data



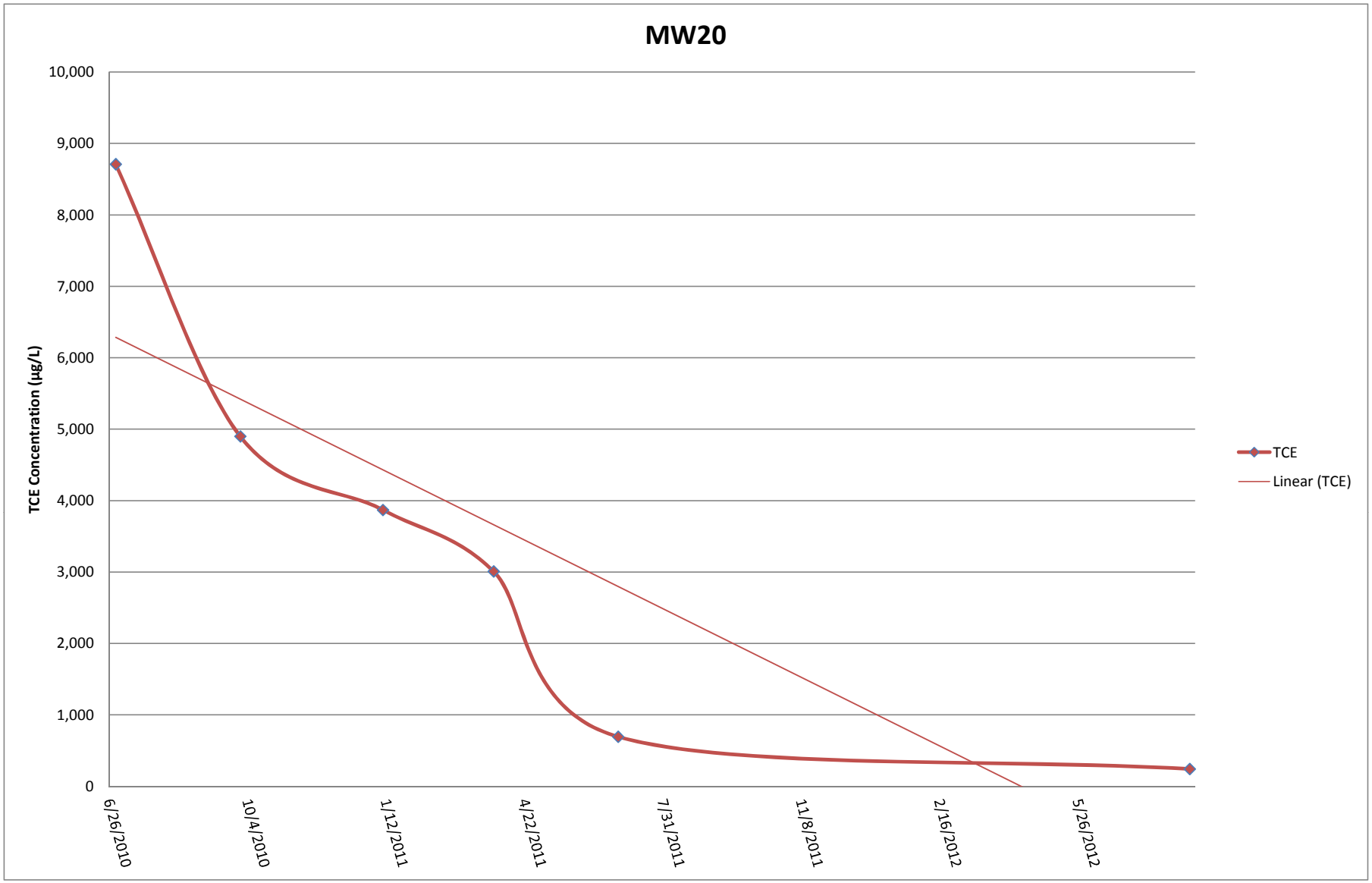
Linear = Trend line based on linear regression analysis of graph data



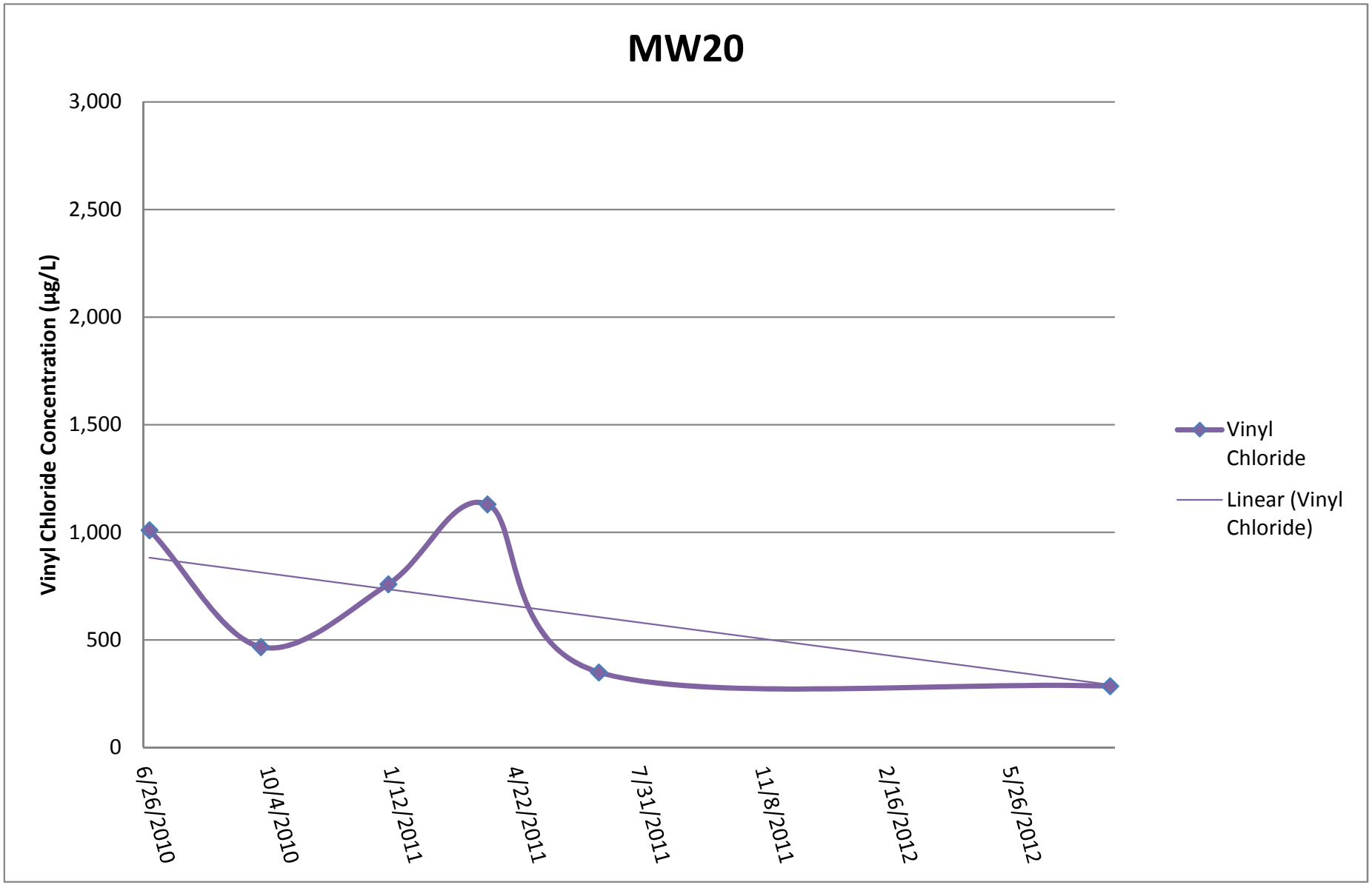
Linear = Trend line based on linear regression analysis of graph data



Linear = Trend line based on linear regression analysis of graph data



Linear = Trend line based on linear regression analysis of graph data



Linear = Trend line based on linear regression analysis of graph data

See Enclosed CD for Analytical Results