Aztech
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Woman Owned Business

REMEDIATION SOLUTIONS ▪ ENVIRONMENTAL CONSULTING ▪ DRILLING APPLICATIONS

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June 24, 2014

Mr. Gregory J. Handly
NYSDEC Division of Environmental Remediation
Route 86, PO Box 296
Ray Brook, NY 12977-0296

Re: Former Philmar Electronics – Morrisonville, NY
NYSDEC Project #510008

Dear Mr. Handly,

Aztech Technologies, Inc. (Aztech) has prepared this letter to outline the remedial progress and provide a status update for the former Philmar Electronics site, New York State Department of Environmental Conservation (NYSDEC) Project #510008 (**Figure 1**). The activities summarized in this correspondence were completed between January and June 2014.

Remediation System

The system began pumping groundwater on May 19, 2004. On October 18, 2004, five hundred and seventy pounds (570#) of Regenesis Hydrogen Release Compound (HRC) were installed in screened tubes and placed in the recirculation tank located near the former air stripper compound (Figure 1). The HRC tubes were removed in November 2008 at the direction of the NYSDEC.

Site visits were conducted on February 13, April 8, and June 8, 2014 to confirm that the remediation system was operating. During these visits, the system was operating and water meter and hour meter readings were recorded. A summary of the pumping rates, to date, is presented in **Table 1**. Approximately 25.7 million gallons of groundwater have been pumped through the remediation system between May 2004 and June 8, 2014. During the first half of 2014, approximately 983,000 gallons of water were pumped through the system.

Groundwater Monitoring and Sampling

Aztech surveyed the top of the groundwater monitoring well casing elevations on September 7, 2011. The top of casing elevations were surveyed relative to an arbitrary site datum of 100.00 feet using a Sokkia $C3_{30}$ optical level. Longitude and latitude coordinates of selected monitoring wells and sample locations were collected on this date for spatial reference. The top of casing elevations are shown on **Table 2**.

Aztech determined depth to groundwater using an electronic water level indicator graduated in 0.01 feet increments. The depth to groundwater measurements were collected from the highest

point of the well casing or from a surveyed mark. Groundwater elevations collected from 2008 through April 8, 2014 are shown on Table 2.

The groundwater elevations collected on April 8, 2014 were plotted on the site map to determine groundwater flow direction and hydraulic gradient (**Figure 2**). During this groundwater gauging event, the groundwater flow direction was towards the east-southeast beneath the site at a hydraulic gradient of approximately 0.04 ft/ft.

Aztech collected groundwater samples on April 8, 2014 from monitoring wells MW-6, MW-7, DGC-6S, DGC-7S and DGC-8S. The Trench and Discharge samples were also collected during this event. Monitoring well MW-9 was not accessible in April 2014 because it was located under surface water from the snow melt. Groundwater was purged from the monitoring wells using dedicated, disposable bailers. The groundwater samples collected on April 8, 2014 were shipped to TestAmerica, Inc. in Buffalo, New York for volatile organic compound (VOC) analysis using Environmental Protection Agency (EPA) Method 624. A hardcopy of the laboratory analytical report is included with this document. The tabulated laboratory analytical results are included in **Table 3**. **Figure 3** shows the VOC distribution in groundwater on April 8, 2014. A summary of the groundwater analytical results are below.

- 1,2-dichloroethene (total) was detected above the NYSDEC groundwater standard of 5.0 micrograms per liter (µg/l) in monitoring well DGC-8S at 13 µg/l. All other sampling locations either reported non-detect 1,2-dichloroethene results or concentrations below the NYSDEC groundwater standard.
- Trichloroethene (TCE) was detected above the NYSDEC standard of 5.0 µg/l in monitoring well DGC-8S at 9.0 µg/l. All other sampling locations either reported non-detect TCE results or concentrations below the NYSDEC groundwater standard.
- Vinyl chloride was detected above the groundwater standard of 2.0 µg/l in monitoring wells DGC-6S at 3.0 µg/l. This concentration was estimated because it was detected below the laboratory reporting limit of 5.0 µg/l. All other sampling locations either reported non-detect vinyl chloride results or concentrations below the groundwater standard.
- The other analyzed VOCs were either not detectable or were detected below the NYSDEC groundwater standards.

Based on the groundwater analytical results, it appears that the trichloroethene is effectively breaking down to its daughter products 1,2-dichloroethene and vinyl chloride. Additionally, the highest concentrations of these compounds appear to be located hydraulically downgradient of the groundwater recharge gallery (MW-7, DGC-6S and DGC-8S) towards the southeastern portion of the collection trench.

Groundwater field measurements consisting of temperature; specific conductance; dissolved oxygen; pH; and, oxidation-reduction potential were not collected on April 8, 2014. However, the previously collected data are included on **Table 4**. The groundwater impacts appear to be naturally attenuating at a slow rate based on these parameters.

Recommendations

Aztech recommends that the semi-annual groundwater sampling events and bi-monthly (once every two months) system operation and maintenance visits continue until the concentrations of trichloroethene, 1,2-dichloroethene, and vinyl chloride meet the ambient drinking water standards. The next system check will be completed in August 2014, and the next groundwater sampling event will be performed in October 2014.

Given the slow decline in the target VOCs in selected monitoring wells, a limited in-situ chemical reduction injection using chemicals designed to target and reduce chlorinated VOCs should be considered. Additionally, it would be beneficial to clean the re-circulation tank to remove debris that has accumulated.

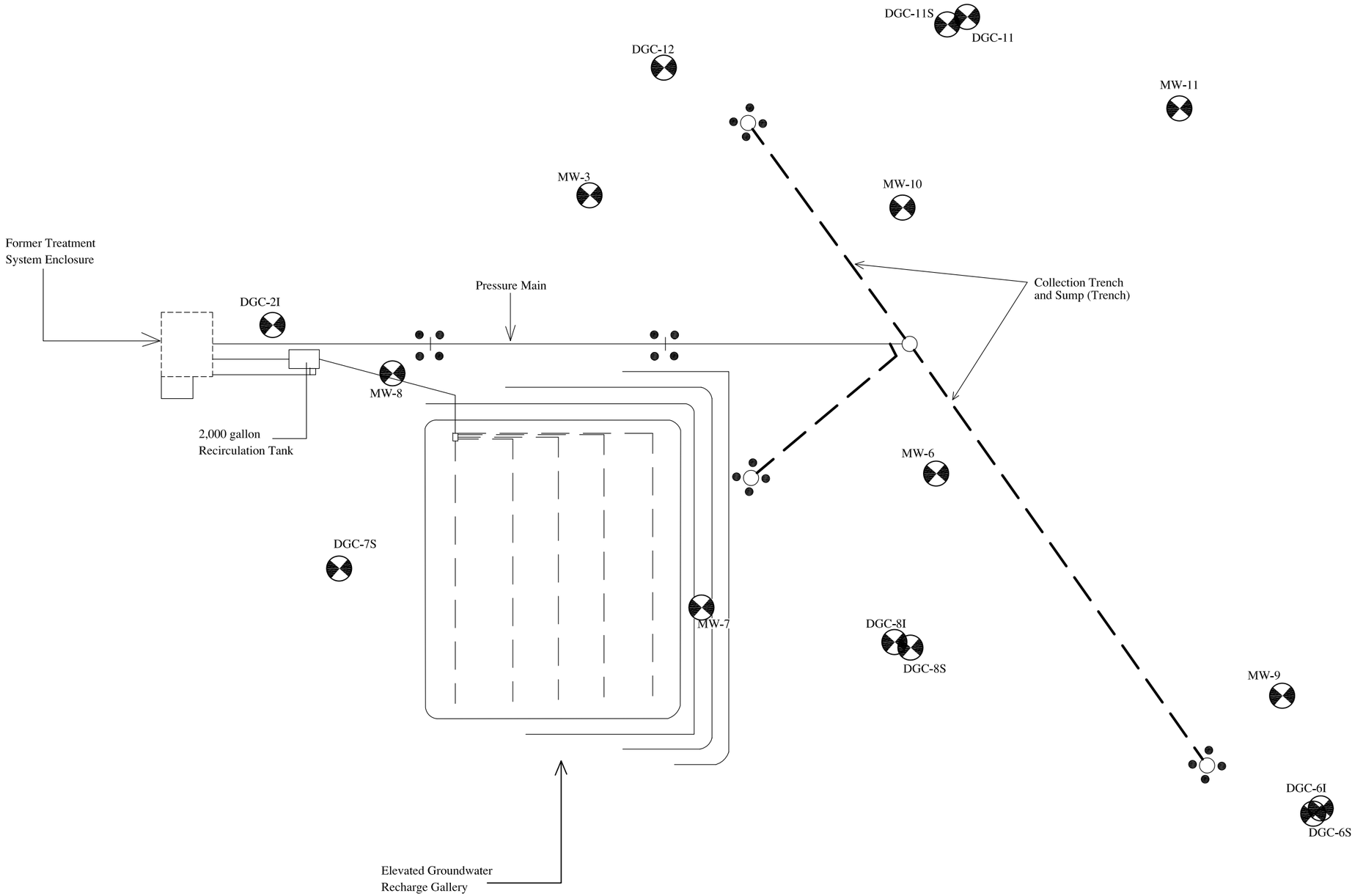
If you have any questions, please call us at (518) 885-5383.

Sincerely,
Aztech Technologies, Inc.

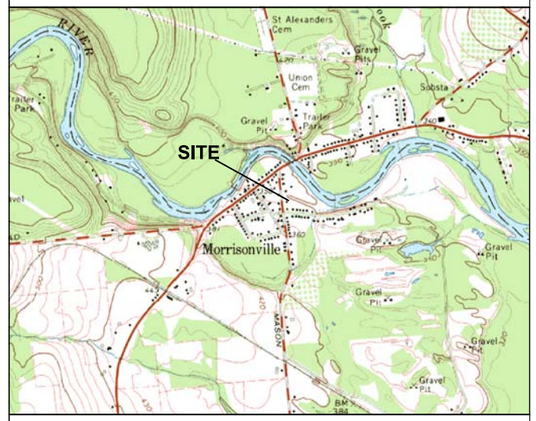

Aaron Yecies, CPG
Sr. Hydrogeologist


For:
William Toran
Sr. Hydrogeologist

ATTACHMENTS
Figures
Tables
Laboratory Analytical Reports



AREA OVERVIEW



Legend:

- MW-3 Monitoring Well
- Manhole Cover
- Underground Piping
- Bollards

NYSDEC Region 5
Philmar Electronics Site
Mason Street
Morrisonville, NY
Site ID: 510008

Figure 1

DATE: 1/25/12 | 1" = 40'

SITE MAP

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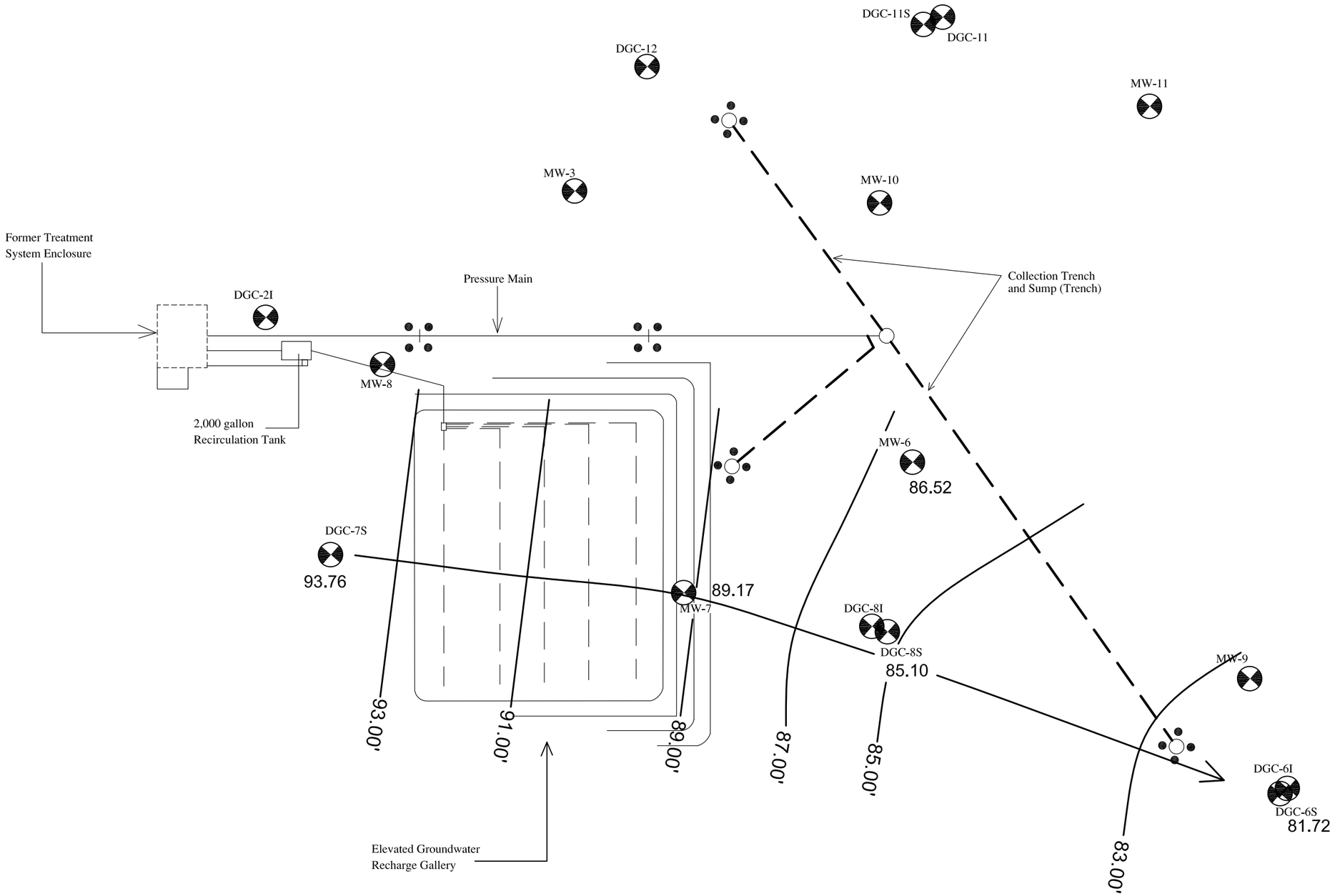
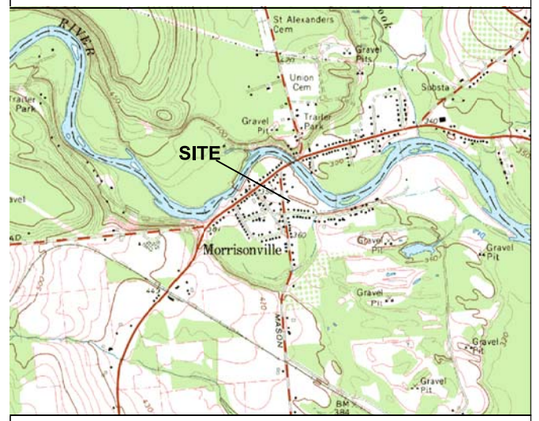


AREA OVERVIEW



Legend:

- MW-3 Monitoring Well
- Manhole Cover
- Underground Piping
- Bollards
- Groundwater Flow Direction

NYSDEC Region 5
Philmar Electronics Site
Mason Street
Morrisonville, NY
Site ID: 510008

Figure 2

DATE: 4/8/14 | 1" = 40'

Groundwater Contour Map

Contour Interval = 2.0 feet

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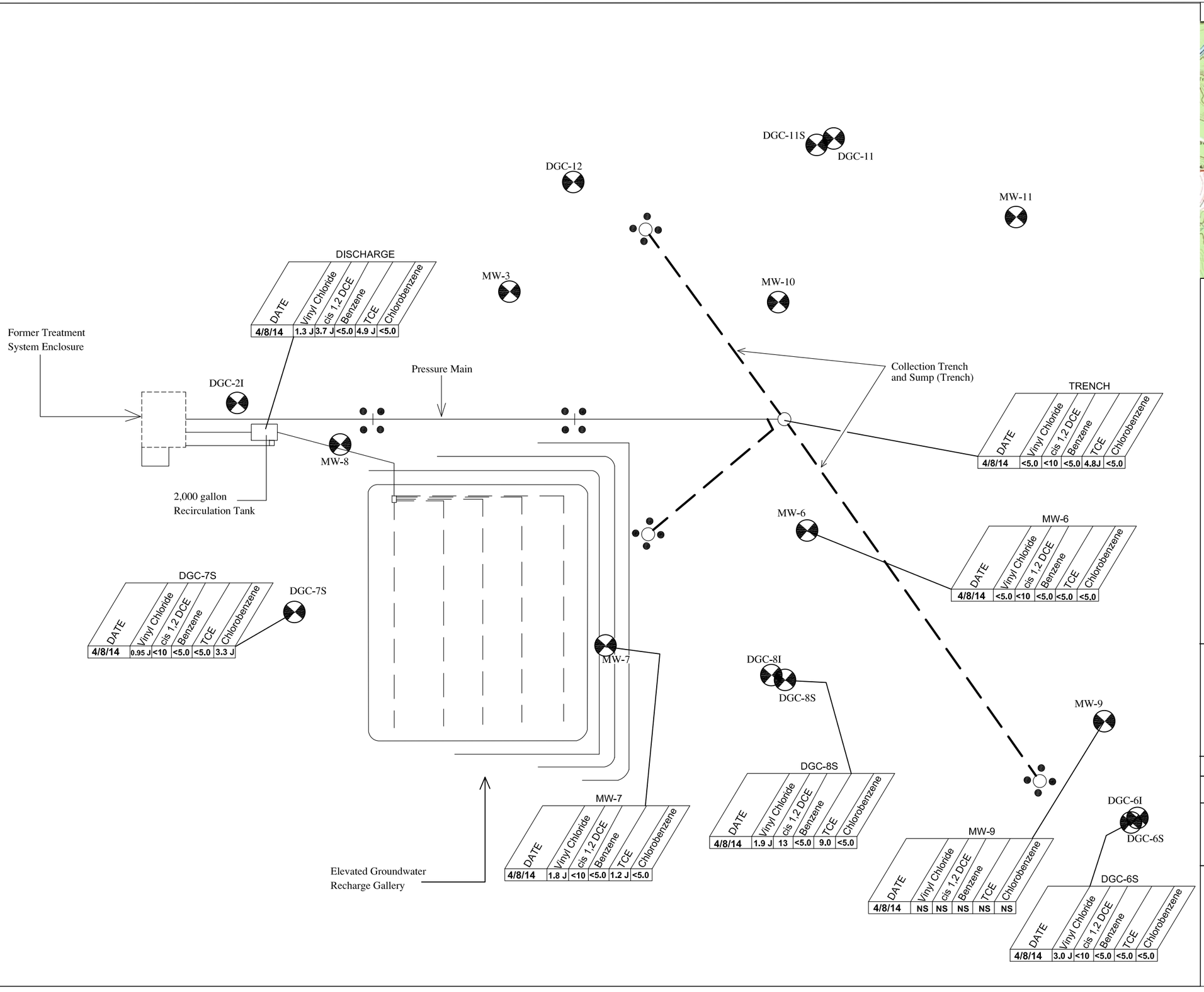
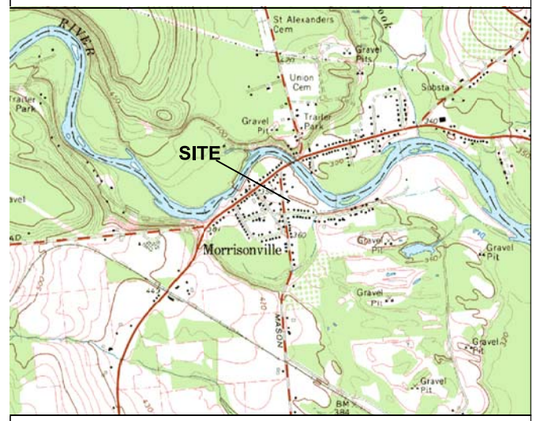


AREA OVERVIEW



Legend:

- MW-3 — Monitoring Well
- Manhole Cover
- Underground Piping
- Bollards

cis 1,2 DCE = cis 1,2–Dichloroethene
TCE = Trichloroethene
J = Approximated value
NS = Not Sampled

NYSDEC Region 5
Philmar Electronics Site
Mason Street
Morrisonville, NY
Site ID: 510008

Figure 3

DATE: 4/8/14 | 1" = 40'

CONTAMINANT DISTRIBUTION MAP

Concentration listed in micrograms per liter (ug/L)

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TABLE 1

GROUNDWATER PUMPING DATA
Former Philmar Electronic Site
Mason Street
Morrisonville, Clinton County, NY
NYSDEC Site ID #510008

Date	Days Elapsed	Water Meter	Total Gallons Pumped	Gallons/ Day	Gallons/ Minute	Influent VOC/MtBE Concentration (ppb)
5/19/2004	0	176,368	---------- GW Pumping Component Started ----------			
5/21/2004	2	207,208	30,840	15,420	10.71	
6/10/2004	20	400,410	193,202	9,660	6.71	146
7/20/2004	40	560,722	160,312	4,008	2.78	106
9/15/2004	57	782,621	221,899	3,893	2.70	156
10/18/2004	33	924,393	141,772	4,296	2.98	77
11/24/2004	37	1,011,920	87,527	2,366	1.64	209
12/22/2004	28	1,101,953	90,033	3,215	2.23	124
1/17/2005	26	1,173,545	71,592	2,754	1.91	124
2/2/2005	16	1,173,595	50	3.1	0.00	124
8/8/2005	187	2,249,238	1,075,643	5,752	3.99	124
10/27/2005	80	2,595,730	346,492	4,331	3.01	76
4/3/2006	158	4,478,910	1,883,180	11,919	8.28	89
6/7/2006	65	5,230,130	751,220	11,557	8.03	89
6/15/2006	8	5,232,860	2,730	341	0.24	89
9/7/2006	84	6,015,918	783,058	9,322	6.47	89
10/12/2006	35	6,102,533	86,615	2,475	1.72	146
12/4/2006	53	6,574,610	472,077	8,907	6.19	146
2/27/2007	85	7,651,400	1,076,790	12,668	8.80	146
4/23/2007	55	8,559,690	908,290	16,514	11.47	38
6/14/2007	52	9,484,211	924,521	17,779	12.35	38
8/15/2007	62	9,987,570	503,359	8,119	5.64	38
10/4/2007	50	119,680	32,110	642	0.45	104
12/11/2007	68	740,750	621,070	9,133	6.34	104
2/8/2008	59	2,208,495	1,467,745	24,877	17.28	104
4/3/2008	55	3,490,979	1,282,484	23,318	16.19	28
6/25/2008	83	4,412,120	921,141	11,098	7.71	28
12/9/2008	167	4,448,290	36,170	217	0.15	28
2/5/2009	58	4,451,880	3,590	62	0.04	28
2/17/2009	12	4,507,850	55,970	4,664	3.24	28
4/29/2009	71	5,866,070	1,358,220	19,130	13.28	40
6/23/2009	55	6,820,354	954,284	17,351	12.05	40
8/26/2009	64	7,480,920	660,566	10,321	7.17	40
10/13/2009	48	7,488,925	8,005	167	0.12	52
12/16/2009	64	7,480,920	reading error			52
2/23/2010	69	water meter found to be broken				52
4/9/2010	45	12	water meter replaced			22
6/16/2010	68	90	78	1.147	0.0008	22
8/9/2010	54	187,992	187,902	3,480	2.42	22
10/14/2010	66	449,370	261,378	3,960	2.75	23
12/7/2010	54	988,850	539,480	9,990	6.94	23
2/9/2011	64	1,435,180	446,330	6,974	4.84	23
4/27/2011	77	2,152,907	717,727	9,321	6.47	22
6/14/2011	48	2,753,209	600,302	12,506	8.68	22
9/7/2011	85	2,964,373	211,164	2,484	1.73	22
10/26/2011	49	3,517,117	552,744	11,280	7.83	30
12/22/2011	57	3,949,651	432,534	7,588	5.27	30
2/21/2012	61	4,250,370	300,719	4,930	3.42	30
4/20/2012	59	4,614,060	363,690	6,164	4.28	18
6/12/2012	53	4,994,660	380,600	7,181	4.99	18
8/27/2012	76	5,179,430	184,770	2,431	1.69	18
10/26/2012	60	5,287,323	107,893	1,798	1.25	18
12/14/2012	49	5,487,668	200,345	4,089	2.84	18
2/16/2013	64	5,772,162	284,494	4,445	3.09	18
4/26/2013	69	6,295,497	523,335	7,585	5.27	13
6/5/2013	40	6,635,000	339,503	8,488	5.89	13
8/15/2013	71	7,600,613	965,613	13,600	9.44	13
10/8/2013	54	7,769,060	168,447	3,119	2.17	32
12/13/2013	66	7,995,622	226,562	3,433	2.38	32
2/13/2014	62	8,246,420	250,798	4,045	2.81	32
4/8/2014	54	8,476,860	230,440	4,267	2.96	4.8
6/8/2014	61	9,229,540	752,680	12,339	8.57	4.8
Cumulative	**3,304**		**25,689,405**			

TABLE 2

SUMMARY OF GROUNDWATER ELEVATIONS

Former Philmar Electronics Site

Mason Street

Morrisonville, Clinton County, New York

NYSDEC Site ID #510008

MONITORING WELL DESIGNATION		MW-6	MW-7	MW-9	DGC-6S	DGC-7S	DGC-8S
TOP OF CASING		89.72	92.04	84.24	83.97	100.00	87.78
BOTTOM OF MONITORING WELL		70.27	73.64	69.24	61.62	79.53	66.58
MEASUREMENT DATE	**Gauging Data**	**GROUNDWATER ELEVATIONS**					
4/3/2008	Elevation	**85.75**	**88.43**	**NA**	**81.44**	**95.97**	**85.85**
	DTW	3.97	3.61	NA	2.53	4.03	1.93
10/13/2008	Elevation	**83.02**	**85.19**	**77.59**	**78.38**	**92.25**	**84.23**
	DTW	6.70	6.85	6.65	5.59	7.75	3.55
4/29/2009	Elevation	**84.28**	**88.31**	**79.60**	**79.27**	**95.19**	**85.50**
	DTW	5.44	3.73	4.64	4.70	4.81	2.28
10/13/2009	Elevation	**83.73**	**87.45**	**78.31**	**79.32**	**94.84**	**85.45**
	DTW	5.99	4.59	5.93	4.65	5.16	2.33
4/9/2010	Elevation	**85.97**	**88.59**	**81.10**	**80.71**	**96.05**	**85.92**
	DTW	3.75	3.45	3.14	3.26	3.95	1.86
10/14/2010	Elevation	**84.39**	**88.01**	**79.92**	**79.95**	**95.38**	**85.36**
	DTW	5.33	4.03	4.32	4.02	4.62	2.42
4/27/2011	Elevation	**86.17**	**89.53**	**82.19**	**81.83**	**97.09**	**86.17**
	DTW	3.55	2.51	2.05	2.14	2.91	1.61
10/26/2011	Elevation	**85.51**	**88.77**	**80.18**	**80.28**	**95.51**	**85.84**
	DTW	4.21	3.27	4.06	3.69	4.49	1.94
4/20/2012	Elevation	**83.20**	**87.50**	**78.87**	**77.63**	**94.41**	**84.90**
	DTW	6.52	4.54	5.37	6.34	5.59	2.88
10/26/2012	Elevation	**82.82**	**87.46**	**77.73**	**79.59**	**94.83**	**85.13**
	DTW	6.90	4.58	6.51	4.38	5.17	2.65
4/26/2013	Elevation	**85.28**	**88.71**	**79.79**	**79.82**	**95.02**	**85.54**
	DTW	4.44	3.33	4.45	4.15	4.98	2.24
10/8/2013	Elevation	**79.35**	**85.69**	**76.57**	**77.34**	**93.58**	**83.90**
	DTW	10.37	6.35	7.67	6.63	6.42	3.88
4/8/2014	Elevation	**86.52**	**89.17**	**NA**	**81.72**	**93.76**	**85.10**
	DTW	3.20	2.87	NG	2.25	6.24	2.68

Top of casing - elevations surveyed to arbitraty benchmark of 100 feet on September 7, 2011

Elevations are presented in feet based on arbitrary datum of 100.00 feet

DTW = Depth to Water in Feet NA = Not Applicable

NG = Not Gauged

TABLE 3

GROUNDWATER ANALYTICAL DATA
Former Philmar Electronics Site
Mason Street, Clinton County, New York
NYSDEC Site ID #510008

WELL ID/DATE	GROUNDWATER ANALYTICAL RESULTS							
	Vinyl Chloride	cis 1,2-Dichloroethene	Benzene	Trichloroethene	Chlorobenzene	MtBE	Total Metabolic Acid	Toc
TRENCH								
12/20/2001	**75**	**310**	**4.0**	**1,100**	**20**	10	not analyzed	not analyzed
5/20/2003	**31**	**180**	0.8	**160**	**25**	1.0	not analyzed	not analyzed
6/10/2004	**19**	**62**	<10	**61**	4.0	<10	not analyzed	not analyzed
7/24/2004	not analyzed	not analyzed	0.8	**95**	2.8	<1.0	not analyzed	not analyzed
9/15/2004	**17**	**76**	<5.0	**63**	<5.0	<10	not analyzed	14
10/18/2004	not analyzed	not analyzed	<1.0	**70**	2.4	<1.0	not analyzed	not analyzed
11/24/2004	**24**	**103**	<5.0	**82**	<5.0	<10	<10	not analyzed
12/22/2004	**22**	**55**	<5.0	**47**	<5.0	<10	not analyzed	not analyzed
1/17/2005	not sampled							
4/5/2005	not sampled							
10/27/2005	**19**	**34**	<5.0	**23**	<5.0	not analyzed	not analyzed	not analyzed
4/3/2006	**14**	**42**	<5.0	**24**	**9.2**	not analyzed	<10	not analyzed
10/12/2006	**19**	**80**	<5.0	**47**	<5.0	not analyzed	not analyzed	not analyzed
4/23/2007	<10	**25**	<5.0	**13**	<5.0	not analyzed	not analyzed	not analyzed
10/4/2007	**31**	**43**	<5.0	**30**	<5.0	not analyzed	not analyzed	not analyzed
4/3/2008	<10	**19**	<5.0	**9.2**	<5.0	not analyzed	not analyzed	not analyzed
10/10/2008	not sampled							
4/29/2009	<10	**19**	<5.0	**16**	**5.1**	not analyzed	not analyzed	not analyzed
10/13/2009	**13**	**14**	<5.0	**14**	**11**	not analyzed	not analyzed	not analyzed
4/9/2010	<10	**16**	<5.0	**6.4**	<5.0	not analyzed	not analyzed	not analyzed
10/14/2010	<10	**5.7**	<5.0	**17**	<5.0	not analyzed	not analyzed	not analyzed
4/27/2011	<10	**5.2**	<5.0	**5.4**	<5.0	not analyzed	not analyzed	not analyzed
10/26/2011	**8.5**	**5.3**	<3.0	**6.4**	3.2	not analyzed	not analyzed	not analyzed
4/20/2012	<5.0	3.6	<5.0	**14**	<5.0	not analyzed	not analyzed	not analyzed
10/26/2012	not sample							
4/26/2013	<5.0	3.2 J	<5.0	**10**	<5.0	not analyzed	not analyzed	not analyzed
10/8/2013	<5.0	**5.8 J**	<5.0	**26**	<5.0	not analyzed	not analyzed	not analyzed
4/8/2014	<5.0	<10	<5.0	4.8 J	<5.0	not analyzed	not analyzed	not analyzed
DISCHARGE								
5/20/2003							not analyzed	not analyzed
5/20/2003	not sampled							
6/10/2004	not sampled							
7/24/2004	not sampled							
10/18/2004	not sampled							
11/24/2004	not sampled							
12/22/2004	**6.8**	**41**	<5.0	**50**	<5.0	<10	not analyzed	9.3
1/17/2005	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	<10	not analyzed
4/5/2005	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	<10	not analyzed
8/18/2005	not analyzed	not analyzed	<0.5	**38**	1.1	<2.0	not analyzed	not analyzed
10/27/2005	not sampled							
4/3/2006	not sampled							
10/12/2006	**21**	**63**	<5.0	**33**	<5.0	not analyzed	not analyzed	not analyzed
4/23/2007	<10	**25**	<5.0	**13**	<5.0	not analyzed	not analyzed	not analyzed
10/4/2007	**22**	**36**	<5.0	**25**	<5.0	not analyzed	not analyzed	not analyzed
4/3/2008	<10	**20**	<5.0	**9.1**	<5.0	not analyzed	not analyzed	not analyzed
10/10/2008	not sampled							
4/29/2009	<10	**19**	<5.0	**16**	<5.0	not analyzed	not analyzed	not analyzed
10/13/2009	<10	**13**	<5.0	**18**	**8.7**	not analyzed	not analyzed	not analyzed
4/9/2010	<10	**16**	<5.0	**6.9**	<5.0	not analyzed	not analyzed	not analyzed
10/14/2010	**12**	**9.5**	<5.0	**12**	<5.0	not analyzed	not analyzed	not analyzed
4/27/2011	<10	**5.2**	<5.0	**5.6**	<5.0	not analyzed	not analyzed	not analyzed
10/26/2011	**8.2**	**5.3**	<3.0	**6.8**	3.2	not analyzed	not analyzed	not analyzed
4/20/2012	**2.5**	**6.4**	<5.0	**7.3**	<5.0	not analyzed	not analyzed	not analyzed
10/26/2012	not sample							
4/26/2013	**2.8 J**	**5.1 J**	<5.0	**6.3**	<5.0	not analyzed	not analyzed	not analyzed
10/8/2013	**2.8 J**	**6.9 J**	<5.0	**12**	<5.0	not analyzed	not analyzed	not analyzed
4/8/2014	1.3 J	3.7 J	<5.0	4.9 J	<5.0	not analyzed	not analyzed	not analyzed
MW-6								
12/20/2001	not sampled							
5/20/2003	not sampled							
6/10/2004	<10	<10	<10	<10	<10	<10	not analyzed	not analyzed
7/24/2004	not sampled							
9/15/2004	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	15
10/18/2004	not sampled							
11/24/2004	<5.0	**26**	<5.0	**22**	<5.0	<10	<10	not analyzed
12/22/2004	not sampled							
1/17/2005	not sampled							
4/5/2005	not sampled							
10/27/2005	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed

TABLE 3

GROUNDWATER ANALYTICAL DATA
Former Philmar Electronics Site
Mason Street, Clinton County, New York
NYSDEC Site ID #510008

WELL ID/DATE	GROUNDWATER ANALYTICAL RESULTS							
	Vinyl Chloride	cis 1,2-Dichloroethene	Benzene	Trichloroethene	Chlorobenzene	MtBE	Total Metabolic Acid	Toc
MW-6 (Continued)								
4/3/2006	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/12/2006	<10	**13**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/23/2007	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/4/2007	<10	**12**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/3/2008	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/10/2008	<10	**5.6**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/29/2009	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/13/2009	<10	**5.3**	<5.0	**8.0**	<5.0	not analyzed	not analyzed	not analyzed
4/9/2010	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/14/2010	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/27/2011	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/26/2011	<2.0	<3.0	<3.0	<3.0	<3.0	not analyzed	not analyzed	not analyzed
4/20/2012	<5.0	<10	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/26/2012	<5.0	<5.0	<5.0	2.0	<5.0	not analyzed	not analyzed	not analyzed
4/26/2013	<5.0	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/8/2013	<5.0	3.4 J	<5.0	1.5 J	<5.0	not analyzed	not analyzed	not analyzed
4/8/2014	<5.0	<10	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
MW-7								
12/20/2001	not sampled							
5/20/2003	not sampled							
6/10/2004	**5.0**	**15**	<10	**9.0**	**7.0**	<10	not analyzed	not analyzed
7/24/2004	not sampled							
9/15/2004	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	14
10/18/2004	not sampled							
11/24/2004	**6.7**	**48**	<5.0	**12**	<5.0	<10	<10	not analyzed
12/22/2004	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	8.7
1/17/2005	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	<10	not analyzed
4/5/2005	not sampled							
10/27/2005	**39**	**5.6**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/3/2006	<10	**26**	<5.0	**15**	<5.0	not analyzed	<10	not analyzed
10/12/2006	**20**	<5.0	<5.0	<5.0	**9.4**	not analyzed	not analyzed	not analyzed
4/23/2007	<10	**6.3**	<5.0	<5.0	**6.4**	not analyzed	not analyzed	not analyzed
10/4/2007	not sampled							
4/3/2008	<10	**5.8**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/10/2008	not accessible							
4/29/2009	<10	**7.4**	<5.0	**5.6**	<5.0	not analyzed	not analyzed	not analyzed
10/13/2009	<10	5.0	<5.0	**6.3**	7.8	not analyzed	not analyzed	not analyzed
4/9/2010	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/14/2010	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/27/2011	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/26/2011	<2.0	2.6	<3.0	2.2	<3.0	not analyzed	not analyzed	not analyzed
4/20/2012	<5.0	0.8	<5.0	3.9	1.7	not analyzed	not analyzed	not analyzed
10/26/2012	**5.3**	<5.0	<5.0	0.9	3.3	not analyzed	not analyzed	not analyzed
4/26/2013	<5.0	<10	<5.0	3.1 J	<5.0	not analyzed	not analyzed	not analyzed
10/8/2013	**4.6 J**	<10	<5.0	<5.0	1.8 J	not analyzed	not analyzed	not analyzed
4/8/2014	1.8 J	<10	<5.0	1.2 J	<5.0	not analyzed	not analyzed	not analyzed
MW-9								
12/20/2001	not sampled							
5/20/2003	2.0	**25**	1.0	5.0	1.0	1.0	not analyzed	not analyzed
6/10/2004	**14**	**23**	<10	2.0	<10	<10	not analyzed	not analyzed
7/24/2004	not sampled							
10/18/2004	not sampled							
11/24/2004	not sampled							
12/22/2004	not sampled							
1/17/2005	not sampled							
4/5/2005	not sampled							
10/27/2005	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/3/2006	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/12/2006	**130**	**190**	<5.0	**23**	<5.0	not analyzed	not analyzed	not analyzed
4/23/2007	<10	**9.1**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/4/2007	**110**	**150**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/3/2008	not accessible							
10/10/2008	**23**	**63**	<5.0	**14**	<5.0	not analyzed	not analyzed	not analyzed
4/29/2009	**35**	**66**	<5.0	**7.5**	<5.0	not analyzed	not analyzed	not analyzed
10/13/2009	**51**	**100**	<5.0	**26**	<5.0	not analyzed	not analyzed	not analyzed
4/9/2010	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/14/2010	**26**	**28**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/27/2011	**15**	**25**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed

TABLE 3

GROUNDWATER ANALYTICAL DATA
Former Philmar Electronics Site
Mason Street, Clinton County, New York
NYSDEC Site ID #510008

WELL ID/DATE	GROUNDWATER ANALYTICAL RESULTS							
	Vinyl Chloride	cis 1,2-Dichloroethene	Benzene	Trichloroethene	Chlorobenzene	MtBE	Total Metabolic Acid	Toc
MW-9 (Continued)								
10/26/2011	<2.0	**5.7**	<3.0	2.3	<3.0	not analyzed	not analyzed	not analyzed
4/20/2012	1.7	**5.7**	<5.0	1.2	<5.0	not analyzed	not analyzed	not analyzed
10/26/2012	<5.0	3.5	<5.0	1.3	<5.0	not analyzed	not analyzed	not analyzed
4/26/2013	<5.0	**5.6 J**	<5.0	3.5 J	<5.0	not analyzed	not analyzed	not analyzed
10/8/2013	**11**	**25**	<5.0	**6.8**	<5.0	not analyzed	not analyzed	not analyzed
4/8/2014	Monitoring Well Not Accessible - Surrounded by Surface Water							
MW-10								
12/20/2001	not sampled							
5/20/2003	1.0	1.0	1.0	0.5	1.0	1.0	not analyzed	not analyzed
6/10/2004	<10	<10	<10	<10	<10	<10	not analyzed	not analyzed
7/24/2004 - 4/8/2014	not sampled							
MW-11								
12/20/2001	not sampled							
5/20/2003	not sampled							
6/10/2004	<10	<10	<10	<10	<10	<10	not analyzed	not analyzed
7/24/2004 - 4/8/2014	not sampled							
DGC-6S								
12/20/2001	not sampled							
5/20/2003	**30**	**8.0**	1.0	1.0	1.0	1.0	not analyzed	not analyzed
6/10/2004	not sampled							
7/24/2004	not sampled							
10/18/2004	not sampled							
11/24/2004	not sampled							
12/22/2004	not sampled							
1/17/2005	not sampled							
4/5/2005	not sampled							
10/27/2005	not sampled							
4/3/2006	**10**	**6.6**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/12/2006	**14**	**7.0**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/23/2007	**11**	**5.8**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/4/2007	**13**	**7.0**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/3/2008	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/10/2008	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/29/2009	<10	**6.7**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/13/2009	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/9/2010	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/14/2010	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/27/2011	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/26/2011	<2.0	<3.0	<3.0	<3.0	<3.0	not analyzed	not analyzed	not analyzed
4/20/2012	<5.0	<10	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/26/2012	**3.3**	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/26/2013	<5.0	<10	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/8/2013	<5.0	<10	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/8/2014	**3.0 J**	<10	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
DGC-6I								
12/20/2001	not sampled							
5/20/2003	1.0	1.0	1.0	1.0	1.0	not analyzed	not analyzed	not analyzed
7/24/2004 - 4/8/2014	not sampled							
DGC-7S								
12/20/2001	not sampled							
5/20/2003	**9.0**	**13**	1.0	0.6	4.0	5.0	not analyzed	not analyzed
6/10/2004	**6.0**	**6.0**	<10	<10	4.0	2.0	not analyzed	not analyzed
7/24/2004	not sampled							
10/18/2004	not sampled							
11/24/2004	not sampled							
12/22/2004	not sampled							
1/17/2005	not sampled							
4/5/2005	not sampled							
10/27/2005	<10	**8.2**	<5.0	<5.0	**5.8**	not analyzed	not analyzed	not analyzed
4/3/2006	<10	**6.5**	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/12/2006	<10	**21**	<5.0	<5.0	**8.8**	not analyzed	not analyzed	not analyzed
4/23/2007	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/4/2007	<1.0	**9.7**	<5.0	<5.0	**8.4**	not analyzed	not analyzed	not analyzed
4/3/2008	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/10/2008	<10	<5.0	<5.0	<5.0	**7.1**	not analyzed	not analyzed	not analyzed
4/29/2009	<10	<5.0	<5.0	<5.0	**7.0**	not analyzed	not analyzed	not analyzed
10/13/2009	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
4/9/2010	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed

TABLE 3

GROUNDWATER ANALYTICAL DATA
Former Philmar Electronics Site
Mason Street, Clinton County, New York
NYSDEC Site ID #510008

WELL ID/DATE	GROUNDWATER ANALYTICAL RESULTS							
	Vinyl Chloride	cis 1,2-Dichloroethene	Benzene	Trichloroethene	Chlorobenzene	MtBE	Total Metabolic Acid	Toc
DGC-7S (Continued)								
10/14/2010	<10	<5.0	<5.0	<5.0	**5.4**	not analyzed	not analyzed	not analyzed
4/27/2011	<10	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/26/2011	<2.0	<3.0	<3.0	<3.0	<3.0	not analyzed	not analyzed	not analyzed
4/20/2012	<5.0	<10	<5.0	<5.0	2.4	not analyzed	not analyzed	not analyzed
10/26/2012	<5.0	<10	<5.0	<5.0	2.5	not analyzed	not analyzed	not analyzed
4/26/2013	<5.0	<10	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
10/8/2013	<5.0	<10	<5.0	<5.0	3.0 J	not analyzed	not analyzed	not analyzed
4/8/2014	0.95 J	<1.0	<5.0	<5.0	3.3 J	not analyzed	not analyzed	not analyzed
DGC-8S								
12/20/2001	not sampled							
5/20/2003	**4.0**	**10**	1.0	**18**	1.0	5.0	not analyzed	not analyzed
6/10/2004	**4.0**	**8.0**	<10	**18**	<10	6.0	not analyzed	not analyzed
7/24/2004	not sampled							
9/14/2004	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	not analyzed	5.2
10/18/2004	not sampled							
11/24/2004	<5.0	<5.0	<5.0	**22**	<5.0	6.8	<10	not analyzed
12/22/2004	not sampled							
1/17/2005	not sampled							
4/5/2005	not sampled							
10/27/2005	**10**	**17**	<5.0	**27**	<5.0	not analyzed	not analyzed	not analyzed
4/3/2006	<10	**10**	<5.0	**20**	<5.0	not analyzed	not analyzed	not analyzed
10/12/2006	<10	**12**	<5.0	**38**	<5.0	not analyzed	not analyzed	not analyzed
4/23/2007	<10	**10**	<5.0	**16**	<5.0	not analyzed	not analyzed	not analyzed
10/4/2007	<10	**11**	<5.0	**11**	<5.0	not analyzed	not analyzed	not analyzed
4/3/2008	<10	**8.0**	<5.0	**16**	<5.0	not analyzed	not analyzed	not analyzed
10/10/2008	<10	**10**	<5.0	**20**	<5.0	not analyzed	not analyzed	not analyzed
4/29/2009	<10	**22**	<5.0	**15**	<5.0	not analyzed	not analyzed	not analyzed
10/13/2009	<10	**6.8**	<5.0	**20**	<5.0	not analyzed	not analyzed	not analyzed
4/9/2010	<10	**11**	<5.0	**14**	<5.0	not analyzed	not analyzed	not analyzed
10/14/2010	**10**	**19**	<5.0	**7.3**	<5.0	not analyzed	not analyzed	not analyzed
4/27/2011	<10	**17**	<5.0	**6.8**	<5.0	not analyzed	not analyzed	not analyzed
10/26/2011	<2.0	4.5	<3.0	4.9	<3.0	not analyzed	not analyzed	not analyzed
4/20/2012	1.4	**9.8**	<5.0	**13**	<5.0	not analyzed	not analyzed	not analyzed
10/26/2012	**5.5**	**12**	<5.0	**10**	<5.0	not analyzed	not analyzed	not analyzed
4/26/2013	**2.8 J**	**11**	<5.0	**9.4**	<5.0	not analyzed	not analyzed	not analyzed
10/8/2013	**4.3 J**	**17**	<5.0	**15**	<5.0	not analyzed	not analyzed	not analyzed
4/8/2014	1.9 J	**13**	<5.0	**9.0**	<5.0	not analyzed	not analyzed	not analyzed

All values reported in parts per billion (ug/L)
TOC = Total Organic Carbon
MtBE = Methyl Tertiary Butyl Ether
Bold values exceed NYSDEC groundwater standards
J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximated value

Volatile Organic Compounds analyzed by USEPA Method 624
TOC analyzed by EPA Method 415.1
Metabolic Acids include Acetic Acid, Butyric Acid, Lactic Acid, Propionic Acid and Pyruvic Acid
Underlined = Cis-1,2-Dichloroethene result reflects "1,2-Dichloroethene, Total"

TABLE 4

SUMMARY OF GOUNDWATER FIELD MEASUREMENTS

Former Philmar Electronics Site

Mason Street

Morrisonville, Clinton County, New York

NYSDEC Site ID #510008

WELL ID/DATE	WATER QUALITY PARAMETER				
	Temp	S.C.	DO	PH	ORP
MW-6					
4/27/11	38.99	314	2.0	7.03	-211.0
10/26/11	54.45	684	0.4	7.03	-113.4
04/20/12	54.14	680	*	7.03	-110.2
10/26/12	54.50	1523	3.7	6.92	31.3
04/26/13	42.50	423	1.5	7.69	-5.1
10/08/13	54.57	1087	3.8	6.74	-122.8
04/08/14	NM	NM	NM	NM	NM
MW-7					
4/27/11	40.39	377	1.5	6.98	-8.3
10/26/11	54.48	752	3.5	7.05	-82.5
04/20/12	54.23	745	*	7.00	-82.1
10/26/12	52.86	843	0.9	6.56	-41.6
04/26/13	42.18	411	5.8	7.53	-35.4
10/08/13	55.67	739	1.6	6.97	-35.7
04/08/14	NM	NM	NM	NM	NM
MW-9					
4/27/11	40.88	271	0.7	7.24	41.1
10/26/11	54.27	498	0.9	7.28	52.1
04/20/12	54.21	495	*	7.50	49.2
10/26/12	53.82	552	5.4	6.50	71.1
04/26/13	43.69	244	3.7	7.92	-20.3
10/08/13	57.13	535	4.6	7.02	55.3
04/08/14	NM	NM	NM	NM	NM
DGC-6S					
4/27/11	39.92	415	0.7	7.32	58.3
10/26/11	52.99	627	7.7	7.60	50.9
04/20/12	53.01	625	*	7.40	48.1
10/26/12	53.24	769	1.6	6.95	5.8
04/26/13	41.60	471	1.2	7.89	-9.1
10/08/13	54.45	748	*	7.36	94.4
04/08/14	NM	NM	NM	NM	NM
DGC-7S					
4/27/11	NM	NM	NM	NM	NM
10/26/11	52.63	673	4.1	6.96	197.6
04/20/12	52.61	670	*	7.00	185.8
10/26/12	56.26	872	5.5	6.71	67.0
04/26/13	NM	NM	NM	NM	NM
10/08/13	NM	NM	NM	NM	NM
04/08/14	NM	NM	NM	NM	NM

TABLE 4

SUMMARY OF GOUNDWATER FIELD MEASUREMENTS

Former Philmar Electronics Site

Mason Street

Morrisonville, Clinton County, New York

NYSDEC Site ID #510008

DGC-8S					
4/27/11	40.01	506	1.0	7.15	-41.1
10/26/11	53.56	761	4.0	7.49	-21.9
04/20/12	52.79	755	*	7.31	-22.1
10/26/12	53.83	911	0.7	6.22	-24.5
04/26/13	42.28	539	2.7	7.83	-34.5
10/08/13	55.26	893	2.0	6.93	-1.6
04/08/14	NM	NM	NM	NM	NM

Notes:

Measurements obtained with YSI Model 556 multiprobe system meter.

D.O. = Dissolved Oxygen in milligams per Liter (mg/L or parts per million [ppm])

ORP = Oxygen-Reduction Potential in millivolts (mV)

S.C. = Specific Conductance in microseimens per centimeter (uS/cm)

Temp. = Groundwater Temperature in Degrees Fahrenheit

pH measured in standard units

NM = Not Measured

* probe sensor malfunctioned during use

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-57615-1
Client Project/Site: Philmar Electronics #510008

For:
New York State D.E.C.
625 Broadway
Albany, New York 12233

Attn: Greg Handly

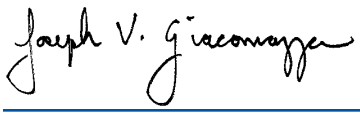
Joseph V. Giacomazza

Authorized for release by:
4/11/2014 4:14:40 PM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Judy Stone, Senior Project Manager
(484)685-0868
judy.stone@testamericainc.com

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
4/11/2014 4:14:40 PM

Table of Contents

Client: New York State D.E.C.
Project/Site: Philmar Electronics #510008

TestAmerica Job ID: 480-57615-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-57615-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-57615-1

Receipt
The samples were received on 4/10/2014 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 3.1º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample ID: MW6

Lab Sample ID: 480-57615-1

Date Collected: 04/08/14 11:45

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			04/10/14 17:39	1
Acrylonitrile	ND		50	1.9	ug/L			04/10/14 17:39	1
Benzene	ND		5.0	0.60	ug/L			04/10/14 17:39	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			04/10/14 17:39	1
Bromoform	ND		5.0	0.47	ug/L			04/10/14 17:39	1
Bromomethane	ND		5.0	1.2	ug/L			04/10/14 17:39	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/10/14 17:39	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/10/14 17:39	1
Chloroethane	ND		5.0	0.87	ug/L			04/10/14 17:39	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/10/14 17:39	1
Chloroform	ND		5.0	0.54	ug/L			04/10/14 17:39	1
Chloromethane	ND		5.0	0.64	ug/L			04/10/14 17:39	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			04/10/14 17:39	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/10/14 17:39	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/10/14 17:39	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/10/14 17:39	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			04/10/14 17:39	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/10/14 17:39	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/10/14 17:39	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/10/14 17:39	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/10/14 17:39	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/10/14 17:39	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/10/14 17:39	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/10/14 17:39	1
Toluene	ND		5.0	0.45	ug/L			04/10/14 17:39	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/10/14 17:39	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/10/14 17:39	1
Trichloroethene	ND		5.0	0.60	ug/L			04/10/14 17:39	1
Vinyl chloride	ND		5.0	0.75	ug/L			04/10/14 17:39	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/10/14 17:39	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/10/14 17:39	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/10/14 17:39	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/10/14 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 130*		*04/10/14 17:39*	*1*
4-Bromofluorobenzene (Surr)	*94*		*69 - 121*		*04/10/14 17:39*	*1*
Toluene-d8 (Surr)	*90*		*70 - 123*		*04/10/14 17:39*	*1*

Client Sample ID: MW7

Lab Sample ID: 480-57615-2

Date Collected: 04/08/14 11:52

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			04/10/14 18:04	1
Acrylonitrile	ND		50	1.9	ug/L			04/10/14 18:04	1
Benzene	ND		5.0	0.60	ug/L			04/10/14 18:04	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			04/10/14 18:04	1
Bromoform	ND		5.0	0.47	ug/L			04/10/14 18:04	1

Client Sample ID: MW7

Lab Sample ID: 480-57615-2

Date Collected: 04/08/14 11:52

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		5.0	1.2	ug/L			04/10/14 18:04	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/10/14 18:04	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/10/14 18:04	1
Chloroethane	ND		5.0	0.87	ug/L			04/10/14 18:04	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/10/14 18:04	1
Chloroform	ND		5.0	0.54	ug/L			04/10/14 18:04	1
Chloromethane	ND		5.0	0.64	ug/L			04/10/14 18:04	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			04/10/14 18:04	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/10/14 18:04	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/10/14 18:04	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/10/14 18:04	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			04/10/14 18:04	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/10/14 18:04	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/10/14 18:04	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/10/14 18:04	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/10/14 18:04	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/10/14 18:04	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/10/14 18:04	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/10/14 18:04	1
Toluene	ND		5.0	0.45	ug/L			04/10/14 18:04	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/10/14 18:04	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/10/14 18:04	1
Trichloroethene	**1.2**	**J**	5.0	0.60	ug/L			04/10/14 18:04	1
Vinyl chloride	**1.8**	**J**	5.0	0.75	ug/L			04/10/14 18:04	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/10/14 18:04	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/10/14 18:04	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/10/14 18:04	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/10/14 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 130*		*04/10/14 18:04*	*1*
4-Bromofluorobenzene (Surr)	*91*		*69 - 121*		*04/10/14 18:04*	*1*
Toluene-d8 (Surr)	*92*		*70 - 123*		*04/10/14 18:04*	*1*

Client Sample ID: DGC6S

Lab Sample ID: 480-57615-3

Date Collected: 04/08/14 11:57

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			04/10/14 18:28	1
Acrylonitrile	ND		50	1.9	ug/L			04/10/14 18:28	1
Benzene	ND		5.0	0.60	ug/L			04/10/14 18:28	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			04/10/14 18:28	1
Bromoform	ND		5.0	0.47	ug/L			04/10/14 18:28	1
Bromomethane	ND		5.0	1.2	ug/L			04/10/14 18:28	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/10/14 18:28	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/10/14 18:28	1
Chloroethane	ND		5.0	0.87	ug/L			04/10/14 18:28	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/10/14 18:28	1

Client Sample ID: DGC6S

Lab Sample ID: 480-57615-3

Date Collected: 04/08/14 11:57

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		5.0	0.54	ug/L			04/10/14 18:28	1
Chloromethane	ND		5.0	0.64	ug/L			04/10/14 18:28	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			04/10/14 18:28	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/10/14 18:28	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/10/14 18:28	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/10/14 18:28	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			04/10/14 18:28	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/10/14 18:28	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/10/14 18:28	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/10/14 18:28	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/10/14 18:28	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/10/14 18:28	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/10/14 18:28	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/10/14 18:28	1
Toluene	ND		5.0	0.45	ug/L			04/10/14 18:28	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/10/14 18:28	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/10/14 18:28	1
Trichloroethene	ND		5.0	0.60	ug/L			04/10/14 18:28	1
Vinyl chloride	**3.0**	**J**	5.0	0.75	ug/L			04/10/14 18:28	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/10/14 18:28	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/10/14 18:28	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/10/14 18:28	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/10/14 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 130*		*04/10/14 18:28*	*1*
4-Bromofluorobenzene (Surr)	*94*		*69 - 121*		*04/10/14 18:28*	*1*
Toluene-d8 (Surr)	*89*		*70 - 123*		*04/10/14 18:28*	*1*

Client Sample ID: DGC7S

Lab Sample ID: 480-57615-4

Date Collected: 04/08/14 12:03

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			04/10/14 18:53	1
Acrylonitrile	ND		50	1.9	ug/L			04/10/14 18:53	1
Benzene	ND		5.0	0.60	ug/L			04/10/14 18:53	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			04/10/14 18:53	1
Bromoform	ND		5.0	0.47	ug/L			04/10/14 18:53	1
Bromomethane	ND		5.0	1.2	ug/L			04/10/14 18:53	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/10/14 18:53	1
Chlorobenzene	**3.3**	**J**	5.0	0.48	ug/L			04/10/14 18:53	1
Chloroethane	ND		5.0	0.87	ug/L			04/10/14 18:53	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/10/14 18:53	1
Chloroform	ND		5.0	0.54	ug/L			04/10/14 18:53	1
Chloromethane	ND		5.0	0.64	ug/L			04/10/14 18:53	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			04/10/14 18:53	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/10/14 18:53	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/10/14 18:53	1

Client Sample ID: DGC7S

Lab Sample ID: 480-57615-4

Date Collected: 04/08/14 12:03

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/10/14 18:53	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			04/10/14 18:53	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/10/14 18:53	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/10/14 18:53	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/10/14 18:53	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/10/14 18:53	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/10/14 18:53	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/10/14 18:53	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/10/14 18:53	1
Toluene	ND		5.0	0.45	ug/L			04/10/14 18:53	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/10/14 18:53	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/10/14 18:53	1
Trichloroethene	ND		5.0	0.60	ug/L			04/10/14 18:53	1
Vinyl chloride	**0.95**	**J**	5.0	0.75	ug/L			04/10/14 18:53	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/10/14 18:53	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/10/14 18:53	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/10/14 18:53	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/10/14 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 130*		*04/10/14 18:53*	*1*
4-Bromofluorobenzene (Surr)	*95*		*69 - 121*		*04/10/14 18:53*	*1*
Toluene-d8 (Surr)	*90*		*70 - 123*		*04/10/14 18:53*	*1*

Client Sample ID: DGC8S

Lab Sample ID: 480-57615-5

Date Collected: 04/08/14 12:07

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			04/10/14 19:18	1
Acrylonitrile	ND		50	1.9	ug/L			04/10/14 19:18	1
Benzene	ND		5.0	0.60	ug/L			04/10/14 19:18	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			04/10/14 19:18	1
Bromoform	ND		5.0	0.47	ug/L			04/10/14 19:18	1
Bromomethane	ND		5.0	1.2	ug/L			04/10/14 19:18	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/10/14 19:18	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/10/14 19:18	1
Chloroethane	ND		5.0	0.87	ug/L			04/10/14 19:18	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/10/14 19:18	1
Chloroform	ND		5.0	0.54	ug/L			04/10/14 19:18	1
Chloromethane	ND		5.0	0.64	ug/L			04/10/14 19:18	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			04/10/14 19:18	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/10/14 19:18	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/10/14 19:18	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/10/14 19:18	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			04/10/14 19:18	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/10/14 19:18	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/10/14 19:18	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/10/14 19:18	1

Client: New York State D.E.C.
Project/Site: Philmar Electronics #510008

TestAmerica Job ID: 480-57615-1

Client Sample ID: DGC8S

Lab Sample ID: 480-57615-5

Date Collected: 04/08/14 12:07

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.0	0.46	ug/L			04/10/14 19:18	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/10/14 19:18	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/10/14 19:18	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/10/14 19:18	1
Toluene	ND		5.0	0.45	ug/L			04/10/14 19:18	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/10/14 19:18	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/10/14 19:18	1
Trichloroethene	**9.0**		5.0	0.60	ug/L			04/10/14 19:18	1
Vinyl chloride	**1.9**	**J**	5.0	0.75	ug/L			04/10/14 19:18	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/10/14 19:18	1
1,2-Dichloroethene, Total	**13**		10	3.2	ug/L			04/10/14 19:18	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/10/14 19:18	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/10/14 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*72 - 130*		*04/10/14 19:18*	*1*
4-Bromofluorobenzene (Surr)	*93*		*69 - 121*		*04/10/14 19:18*	*1*
Toluene-d8 (Surr)	*90*		*70 - 123*		*04/10/14 19:18*	*1*

Client Sample ID: Trench

Lab Sample ID: 480-57615-6

Date Collected: 04/08/14 12:13

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			04/10/14 19:42	1
Acrylonitrile	ND		50	1.9	ug/L			04/10/14 19:42	1
Benzene	ND		5.0	0.60	ug/L			04/10/14 19:42	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			04/10/14 19:42	1
Bromoform	ND		5.0	0.47	ug/L			04/10/14 19:42	1
Bromomethane	ND		5.0	1.2	ug/L			04/10/14 19:42	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/10/14 19:42	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/10/14 19:42	1
Chloroethane	ND		5.0	0.87	ug/L			04/10/14 19:42	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/10/14 19:42	1
Chloroform	ND		5.0	0.54	ug/L			04/10/14 19:42	1
Chloromethane	ND		5.0	0.64	ug/L			04/10/14 19:42	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			04/10/14 19:42	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/10/14 19:42	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/10/14 19:42	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/10/14 19:42	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			04/10/14 19:42	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/10/14 19:42	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/10/14 19:42	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/10/14 19:42	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/10/14 19:42	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/10/14 19:42	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/10/14 19:42	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/10/14 19:42	1
Toluene	ND		5.0	0.45	ug/L			04/10/14 19:42	1

Client Sample ID: Trench

Lab Sample ID: 480-57615-6

Date Collected: 04/08/14 12:13

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/10/14 19:42	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/10/14 19:42	1
Trichloroethene	**4.8**	**J**	5.0	0.60	ug/L			04/10/14 19:42	1
Vinyl chloride	ND		5.0	0.75	ug/L			04/10/14 19:42	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/10/14 19:42	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			04/10/14 19:42	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/10/14 19:42	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/10/14 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*72 - 130*		*04/10/14 19:42*	*1*
4-Bromofluorobenzene (Surr)	*93*		*69 - 121*		*04/10/14 19:42*	*1*
Toluene-d8 (Surr)	*90*		*70 - 123*		*04/10/14 19:42*	*1*

Client Sample ID: Discharge

Lab Sample ID: 480-57615-7

Date Collected: 04/08/14 12:20

Matrix: Water

Date Received: 04/10/14 02:00

Method: 624 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			04/10/14 20:07	1
Acrylonitrile	ND		50	1.9	ug/L			04/10/14 20:07	1
Benzene	ND		5.0	0.60	ug/L			04/10/14 20:07	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			04/10/14 20:07	1
Bromoform	ND		5.0	0.47	ug/L			04/10/14 20:07	1
Bromomethane	ND		5.0	1.2	ug/L			04/10/14 20:07	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			04/10/14 20:07	1
Chlorobenzene	ND		5.0	0.48	ug/L			04/10/14 20:07	1
Chloroethane	ND		5.0	0.87	ug/L			04/10/14 20:07	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			04/10/14 20:07	1
Chloroform	ND		5.0	0.54	ug/L			04/10/14 20:07	1
Chloromethane	ND		5.0	0.64	ug/L			04/10/14 20:07	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			04/10/14 20:07	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			04/10/14 20:07	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			04/10/14 20:07	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			04/10/14 20:07	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			04/10/14 20:07	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			04/10/14 20:07	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			04/10/14 20:07	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			04/10/14 20:07	1
Ethylbenzene	ND		5.0	0.46	ug/L			04/10/14 20:07	1
Methylene Chloride	ND		5.0	0.81	ug/L			04/10/14 20:07	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			04/10/14 20:07	1
Tetrachloroethene	ND		5.0	0.34	ug/L			04/10/14 20:07	1
Toluene	ND		5.0	0.45	ug/L			04/10/14 20:07	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			04/10/14 20:07	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			04/10/14 20:07	1
Trichloroethene	**4.9**	**J**	5.0	0.60	ug/L			04/10/14 20:07	1
Vinyl chloride	**1.3**	**J**	5.0	0.75	ug/L			04/10/14 20:07	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			04/10/14 20:07	1

Client: New York State D.E.C.
Project/Site: Philmar Electronics #510008

TestAmerica Job ID: 480-57615-1

Client Sample ID: Discharge
Date Collected: 04/08/14 12:20
Date Received: 04/10/14 02:00

Lab Sample ID: 480-57615-7
Matrix: Water

Method: 624 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	**3.7**	**J**	10	3.2	ug/L			04/10/14 20:07	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			04/10/14 20:07	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			04/10/14 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 130*		*04/10/14 20:07*	*1*
4-Bromofluorobenzene (Surr)	*97*		*69 - 121*		*04/10/14 20:07*	*1*
Toluene-d8 (Surr)	*86*		*70 - 123*		*04/10/14 20:07*	*1*

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Philmar Electronics #510008

TestAmerica Job ID: 480-57615-1

Client Sample ID: MW6 — Lab Sample ID: 480-57615-1

Date Collected: 04/08/14 11:45 — **Matrix: Water**
Date Received: 04/10/14 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	174970	04/10/14 17:39	TRB	TAL BUF

Client Sample ID: MW7 — Lab Sample ID: 480-57615-2

Date Collected: 04/08/14 11:52 — **Matrix: Water**
Date Received: 04/10/14 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	174970	04/10/14 18:04	TRB	TAL BUF

Client Sample ID: DGC6S — Lab Sample ID: 480-57615-3

Date Collected: 04/08/14 11:57 — **Matrix: Water**
Date Received: 04/10/14 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	174970	04/10/14 18:28	TRB	TAL BUF

Client Sample ID: DGC7S — Lab Sample ID: 480-57615-4

Date Collected: 04/08/14 12:03 — **Matrix: Water**
Date Received: 04/10/14 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	174970	04/10/14 18:53	TRB	TAL BUF

Client Sample ID: DGC8S — Lab Sample ID: 480-57615-5

Date Collected: 04/08/14 12:07 — **Matrix: Water**
Date Received: 04/10/14 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	174970	04/10/14 19:18	TRB	TAL BUF

Client Sample ID: Trench — Lab Sample ID: 480-57615-6

Date Collected: 04/08/14 12:13 — **Matrix: Water**
Date Received: 04/10/14 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	174970	04/10/14 19:42	TRB	TAL BUF

Lab Chronicle

Client: New York State D.E.C.
Project/Site: Philmar Electronics #510008

TestAmerica Job ID: 480-57615-1

Client Sample ID: Discharge
Date Collected: 04/08/14 12:20
Date Received: 04/10/14 02:00

Lab Sample ID: 480-57615-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	174970	04/10/14 20:07	TRB	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: New York State D.E.C.
Project/Site: Philmar Electronics #510008

TestAmerica Job ID: 480-57615-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	State Program	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-15
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14
Kentucky (UST)	State Program	4	30	03-31-15
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14 *
Minnesota	NELAP	5	036-999-337	12-31-14
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-14 *
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-30-14
Tennessee	State Program	4	TN02970	03-31-15
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	05-31-14
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: New York State D.E.C.
Project/Site: Philmar Electronics #510008

TestAmerica Job ID: 480-57615-1

Method	Method Description	Protocol	Laboratory
624	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.
Project/Site: Philmar Electronics #510008

TestAmerica Job ID: 480-57615-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-57615-1	MW6	Water	04/08/14 11:45	04/10/14 02:00
480-57615-2	MW7	Water	04/08/14 11:52	04/10/14 02:00
480-57615-3	DGC6S	Water	04/08/14 11:57	04/10/14 02:00
480-57615-4	DGC7S	Water	04/08/14 12:03	04/10/14 02:00
480-57615-5	DGC8S	Water	04/08/14 12:07	04/10/14 02:00
480-57615-6	Trench	Water	04/08/14 12:13	04/10/14 02:00
480-57615-7	Discharge	Water	04/08/14 12:20	04/10/14 02:00

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-57615-1

Login Number: 57615

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Aztech
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	False	Lab to check

Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Greg Handly	Site Contact: Greg Handly	Date:	COC No:
NYSDEC Region 5	Tel/Fax: (518) 897-1242	Lab Contact: Sally Hoffman	Carrier:	1 of 1 COCs
1115 NYS Route 9, P.O. Box 296	Analysis Turnaround Time			Job No.
Ray Brook, NY 12977-0296	Calendar (C) or Work Days (W) _____W____			
(518) 897-1242 Phone	TAT if different from Below ____10 days_____			SDG No.
(518) 891-2295 FAX	2 weeks			
Project Name: Philmar Electronics	1 week			
Site: 942 Mason Street, Morrisonville, NY 12962	2 days			
P O #: Site ID # 510008	1 day			

480-57615 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	EPA Method 624	Sample Specific Notes:
MW 6	4/8/14	11:45	Grab	W	2	N	X	
MW 7	"	11:52	"	"	2		X	
DGC 6S		11:57			2		X	
DGC 7S		12:03			2		X	
DGC 8S		12:07			2		X	
Trench		12:13			2		X	
Discharge		12:20			2		X	

4/9/14

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
Non-Hazard *Flammable* *Skin Irritant* *Poison B* *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client *Disposal By Lab* *Archive For _____ Months*

Special Instructions/QC Requirements & Comments: Please copy analytical results to Aaron Yecies (ayecies@aztechtech.com) and Whitney Shafer (wshafer@aztechtech.com)

3.1 #1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Aztech	4/8/14 4:00	[signature]	TA	4/9/14 11:58
[signature]	TA	4/9/14 18:00	[signature]	TSL	4.10.14 0200
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Form No. CA-C-WI-002, dated 04/07/2011

4/11/2014