

December 16, 2013

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 July and December 2013.

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 August 15, October 8, and December 13, 2013 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 25.2 million gallons of groundwater have been pumped through the remediation system between May 2004 and December 13, 2013. During the second half of 2013, approximately 395,009 gallons was 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 datum of 100.00 feet using a Sokkia C3₃₀ 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 October 8, 2013 are shown on Table 2.

The groundwater elevations collected on October 8, 2013 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 beneath the site at a hydraulic gradient of approximately 0.07 ft/ft.

Aztech collected groundwater samples on October 8, 2013 from monitoring wells MW-6, MW-7, MW-9, DGC-6S, DGC-7S and DGC-8S. The Trench and Discharge samples were also collected during this event. Groundwater was purged from the monitoring wells using dedicated, disposable bailers. The groundwater samples collected on October 8, 2013 were shipped to TestAmerica 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. A summary of the groundwater analytical results are below.

The results from the October 8, 2013 sampling event are shown on **Table 3** and **Figure 3**.

- 1,2-dichloroethene (total) was detected above the NYSDEC groundwater standard of 5.0 micrograms per liter ($\mu\text{g/l}$) in monitoring wells MW-9 (25 $\mu\text{g/l}$), DGC-8S (17 $\mu\text{g/l}$), the Trench sample (5.8 $\mu\text{g/l}$) and the Discharge sample (6.9 $\mu\text{g/l}$). The laboratory analytical results from the Trench and the Discharge were estimated concentrations because these detections were below the laboratory reporting limit of 10 $\mu\text{g/l}$.
- Trichloroethene (TCE) was detected above the NYSDEC standard of 5.0 $\mu\text{g/l}$ in monitoring wells, MW-9 (6.8 $\mu\text{g/l}$), DGC-8S (15 $\mu\text{g/l}$), the Trench sample (26 $\mu\text{g/l}$) and the Discharge sample (12 $\mu\text{g/l}$). The analytical result from MW-6 was estimated because it was below the laboratory reporting limit of 5.0 $\mu\text{g/l}$.
- Vinyl chloride was detected above the groundwater standard of 2.0 $\mu\text{g/l}$ in monitoring wells MW-7 (4.6 $\mu\text{g/l}$), MW-9 (11 $\mu\text{g/l}$), DGC-8S (4.3 $\mu\text{g/l}$) and the Discharge sample (2.8 $\mu\text{g/l}$). With the exception of MW-9, these detections were estimated concentrations because these detections were below the laboratory reporting limit of 5.0 $\mu\text{g/l}$.
- 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, MW-9 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 collected on April 26, 2013 using an YSI Model 556 multiprobe meter. The results of the field measurements 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 2013, and the next groundwater sampling event will be performed in October 2013.

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 :

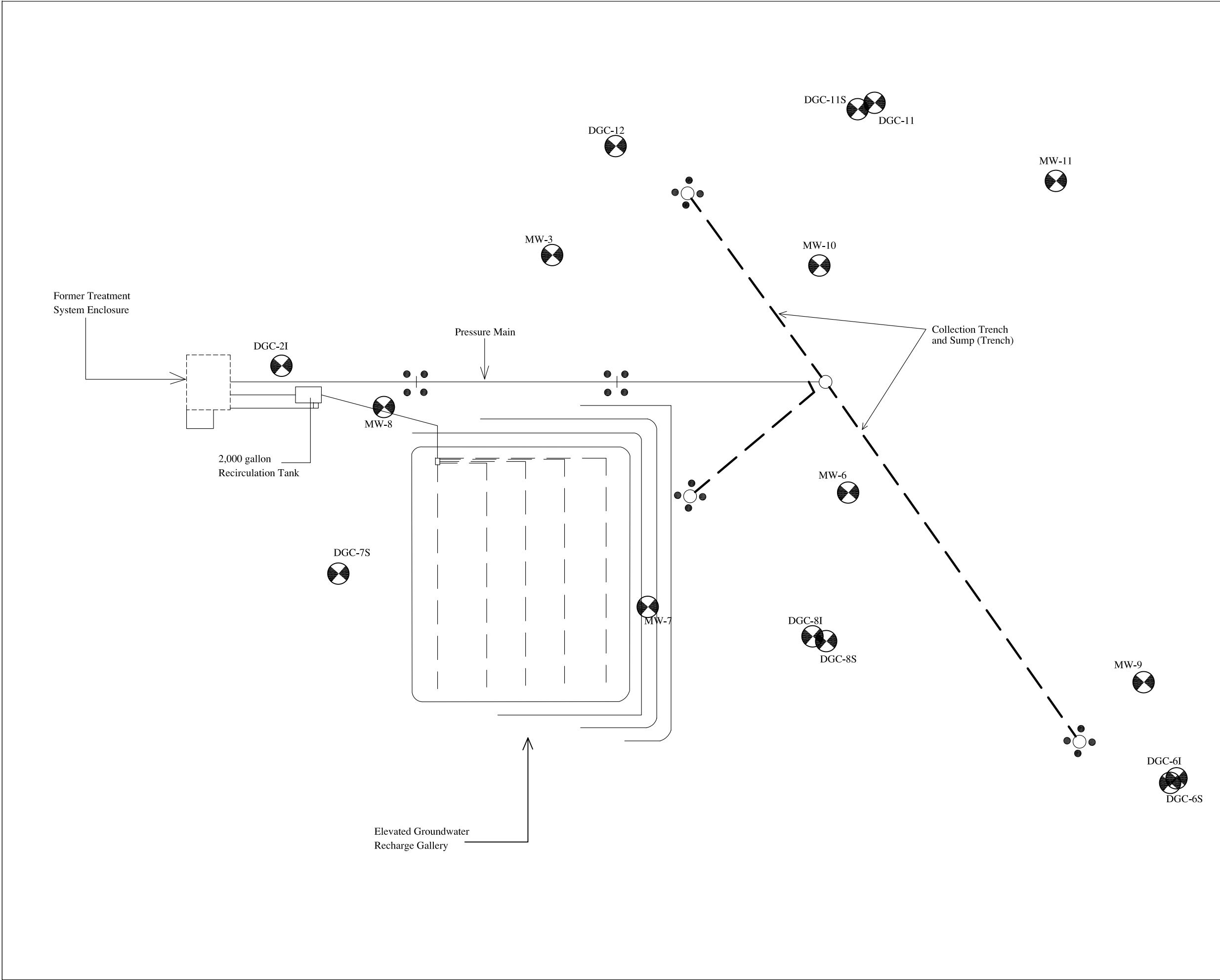
William Toran
Sr. Hydrogeologist

ATTACHMENTS

Figures

Tables

Laboratory Analytical Reports



AREA OVERVIEW

Legend:

- 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

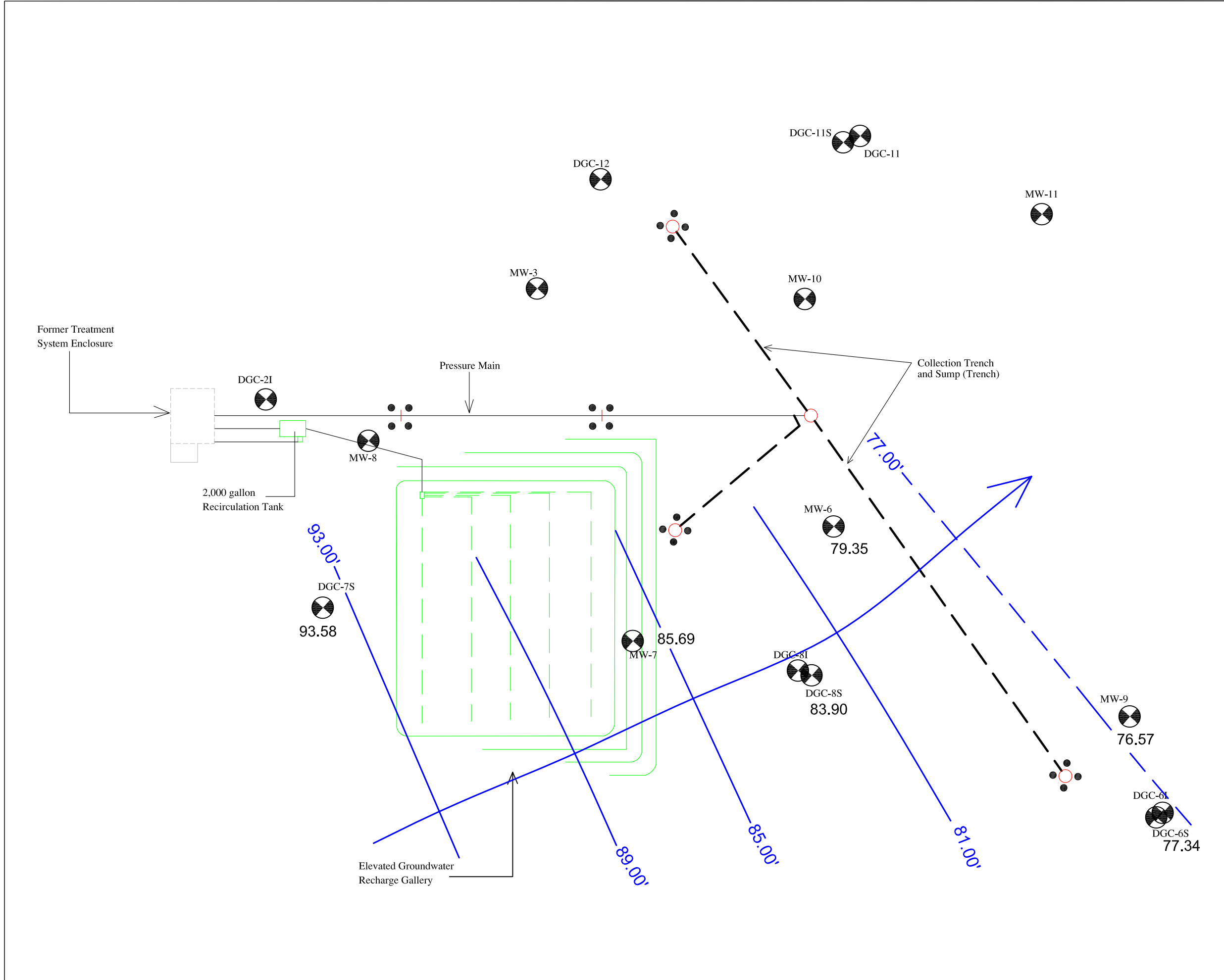
1" = 40'

SITE MAP

REMEDATION • ENVIRONMENTAL • DRILLING

5 McCreahill Road
Ballston Spa, NY 12020
518.885.5383
www.aztechtech.com

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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

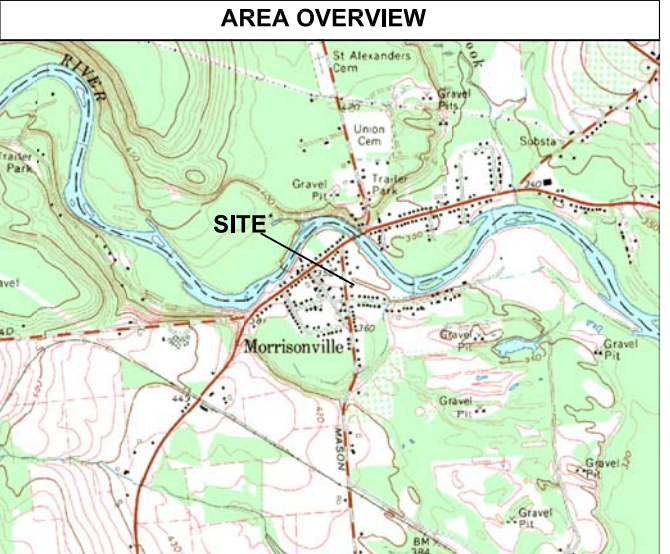
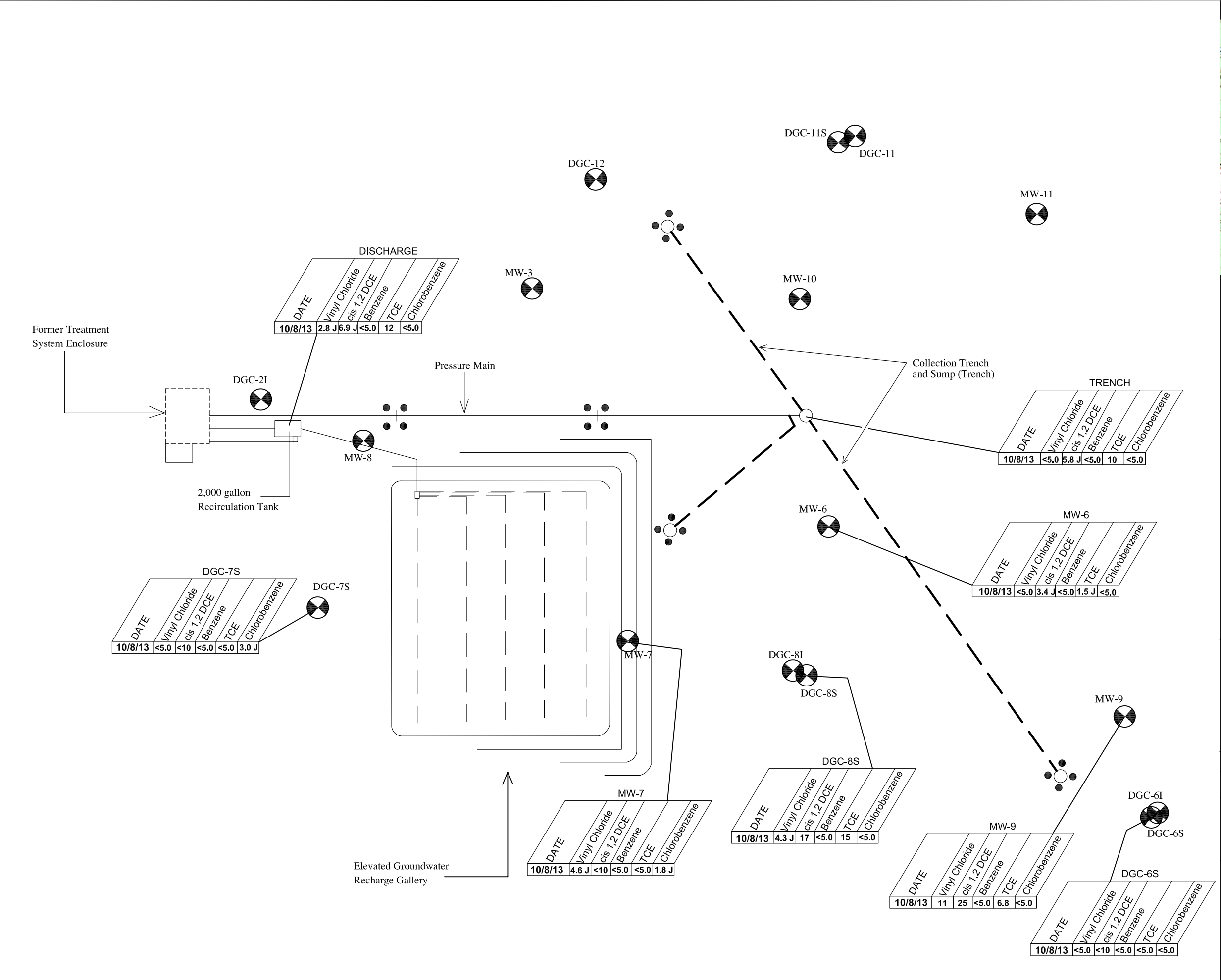
DATE: 10/8/13

1" = 40'

Groundwater Contour Map
Contour Interval = 4.0 feet

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518.885.5383
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Legend:

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

cis 1,2 DCE = cis 1,2-Dichloroethene
TCE = Trichloroethene
J = Approximated value

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

Figure 3

DATE: 10/8/2013 1" = 40'

CONTAMINANT DISTRIBUTION MAP

Concentration listed in micrograms per liter (ug/L)

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Aztech Technologies, Inc.
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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
Cumulative	3,304		25,208,167			

SUMMARY OF GROUNDWATER ELEVATIONS

Mason Street

Morrisonville, Clinton County, New York

NYSDEC Site ID #510008

Top of casing - elevations surveyed to arbitrary 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

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
DISCHARGE								
5/20/2003				not sampled			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
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
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

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)								
4/23/2007	<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
<u>4/20/2012</u>	<5.0	<10	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
<u>10/26/2012</u>	<5.0	<5.0	<5.0	2.0	<5.0	not analyzed	not analyzed	not analyzed
<u>4/26/2013</u>	<5.0	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
<u>10/8/2013</u>	<5.0	3.4 J	<5.0	1.5 J	<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
<u>4/20/2012</u>	<5.0	0.8	<5.0	3.9	1.7	not analyzed	not analyzed	not analyzed
<u>10/26/2012</u>	5.3	<5.0	<5.0	0.9	3.3	not analyzed	not analyzed	not analyzed
<u>4/26/2013</u>	<5.0	<10	<5.0	3.1 J	<5.0	not analyzed	not analyzed	not analyzed
<u>10/8/2013</u>	4.6 J	<10	<5.0	<5.0	1.8 J	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
10/26/2011	<2.0	5.7	<3.0	2.3	<3.0	not analyzed	not analyzed	not analyzed
<u>4/20/2012</u>	1.7	5.7	<5.0	1.2	<5.0	not analyzed	not analyzed	not analyzed
<u>10/26/2012</u>	<5.0	3.5	<5.0	1.3	<5.0	not analyzed	not analyzed	not analyzed
<u>4/26/2013</u>	<5.0	5.6 J	<5.0	3.5 J	<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)								
<u>10/8/2013</u>	11	25	<5.0	6.8	<5.0	not analyzed	not analyzed	not analyzed
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 - 10/8/2013				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 - 10/8/2013				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
<u>4/20/2012</u>	<5.0	<10	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
<u>10/26/2012</u>	3.3	<5.0	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
<u>4/26/2013</u>	<5.0	<10	<5.0	<5.0	<5.0	not analyzed	not analyzed	not analyzed
<u>10/8/2013</u>	<5.0	<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
6/10/2004 - 10/8/2013				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
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
<u>4/20/2012</u>	<5.0	<10	<5.0	<5.0	2.4	not analyzed	not analyzed	not analyzed
<u>10/26/2012</u>	<5.0	<10	<5.0	<5.0	2.5	not analyzed	not analyzed	not analyzed
<u>4/26/2013</u>	<5.0	<10	<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-75 (Continued)								
<u>10/8/2013</u>	<5.0	<10	<5.0	<5.0	3.0 J	not analyzed	not analyzed	not analyzed
DGC-85								
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
<u>4/20/2012</u>	1.4	9.8	<5.0	13	<5.0	not analyzed	not analyzed	not analyzed
<u>10/26/2012</u>	5.5	12	<5.0	10	<5.0	not analyzed	not analyzed	not analyzed
<u>4/26/2013</u>	2.8 J	11	<5.0	9.4	<5.0	not analyzed	not analyzed	not analyzed
<u>10/8/2013</u>	4.3 J	17	<5.0	15	<5.0			
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 GROUNDWATER 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
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
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
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
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
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
Notes: Measurements obtained with YSI Model 556 multiprobe system meter. D.O. = Dissolved Oxygen in milligrams 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: 480-47621-1

Client Project/Site: Philmar Electronics #510008

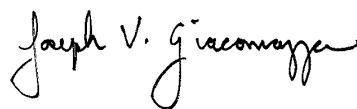
For:

New York State D.E.C.

625 Broadway

Albany, New York 12233

Attn: Greg Handly



Authorized for release by:

10/14/2013 3:48:09 PM

Joe Giacomazza, Project Administrator

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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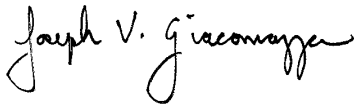
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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample 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 Administrator
10/14/2013 3:48:09 PM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Lab Chronicle	14
Certification Summary	16
Method Summary	17
Sample Summary	18
Receipt Checklists	19
Chain of Custody	20



Definitions/Glossary

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

TestAmerica Job ID: 480-47621-1

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.
α	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)

Case Narrative

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

TestAmerica Job ID: 480-47621-1

Job ID: 480-47621-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-47621-1

Receipt

The samples were received on 10/10/2013 1:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.7° C.

GC/MS VOA

No analytical or quality issues were noted.

Client Sample Results

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

TestAmerica Job ID: 480-47621-1

Client Sample ID: MW6

Date Collected: 10/08/13 12:50

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			10/11/13 00:54	1
Acrylonitrile	ND		25	1.9	ug/L			10/11/13 00:54	1
Benzene	ND		5.0	0.60	ug/L			10/11/13 00:54	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			10/11/13 00:54	1
Bromoform	ND		5.0	0.47	ug/L			10/11/13 00:54	1
Bromomethane	ND		5.0	1.2	ug/L			10/11/13 00:54	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/11/13 00:54	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/11/13 00:54	1
Chloroethane	ND		5.0	0.87	ug/L			10/11/13 00:54	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/11/13 00:54	1
Chloroform	ND		5.0	0.54	ug/L			10/11/13 00:54	1
Chloromethane	ND		5.0	0.64	ug/L			10/11/13 00:54	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			10/11/13 00:54	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/11/13 00:54	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/11/13 00:54	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/11/13 00:54	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			10/11/13 00:54	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/11/13 00:54	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/11/13 00:54	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/11/13 00:54	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/11/13 00:54	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/11/13 00:54	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/11/13 00:54	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/11/13 00:54	1
Toluene	ND		5.0	0.45	ug/L			10/11/13 00:54	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			10/11/13 00:54	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/11/13 00:54	1
Trichloroethene	1.5	J	5.0	0.60	ug/L			10/11/13 00:54	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/11/13 00:54	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/11/13 00:54	1
1,2-Dichloroethene, Total	3.4	J	10	3.2	ug/L			10/11/13 00:54	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/11/13 00:54	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/11/13 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		72 - 130		10/11/13 00:54	1
4-Bromofluorobenzene (Surr)	104		69 - 121		10/11/13 00:54	1
Toluene-d8 (Surr)	92		70 - 123		10/11/13 00:54	1

Client Sample ID: MW7

Date Collected: 10/08/13 12:52

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			10/11/13 01:17	1
Acrylonitrile	ND		25	1.9	ug/L			10/11/13 01:17	1
Benzene	ND		5.0	0.60	ug/L			10/11/13 01:17	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			10/11/13 01:17	1
Bromoform	ND		5.0	0.47	ug/L			10/11/13 01:17	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-47621-1

Client Sample ID: MW7

Date Collected: 10/08/13 12:52

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-2

Matrix: Water

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			10/11/13 01:17	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/11/13 01:17	1
Chlorobenzene	1.8	J	5.0	0.48	ug/L			10/11/13 01:17	1
Chloroethane	ND		5.0	0.87	ug/L			10/11/13 01:17	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/11/13 01:17	1
Chloroform	ND		5.0	0.54	ug/L			10/11/13 01:17	1
Chloromethane	ND		5.0	0.64	ug/L			10/11/13 01:17	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			10/11/13 01:17	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/11/13 01:17	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/11/13 01:17	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/11/13 01:17	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			10/11/13 01:17	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/11/13 01:17	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/11/13 01:17	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/11/13 01:17	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/11/13 01:17	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/11/13 01:17	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/11/13 01:17	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/11/13 01:17	1
Toluene	ND		5.0	0.45	ug/L			10/11/13 01:17	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			10/11/13 01:17	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/11/13 01:17	1
Trichloroethene	ND		5.0	0.60	ug/L			10/11/13 01:17	1
Vinyl chloride	4.6	J	5.0	0.75	ug/L			10/11/13 01:17	1
1,2-Dichlorobenzene	1.5	J	5.0	0.44	ug/L			10/11/13 01:17	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/11/13 01:17	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/11/13 01:17	1
1,4-Dichlorobenzene	0.60	J	5.0	0.51	ug/L			10/11/13 01:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		72 - 130					10/11/13 01:17	1
4-Bromofluorobenzene (Surr)	105		69 - 121					10/11/13 01:17	1
Toluene-d8 (Surr)	91		70 - 123					10/11/13 01:17	1

Client Sample ID: MW9

Date Collected: 10/08/13 12:54

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			10/11/13 01:40	1
Acrylonitrile	ND		25	1.9	ug/L			10/11/13 01:40	1
Benzene	ND		5.0	0.60	ug/L			10/11/13 01:40	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			10/11/13 01:40	1
Bromoform	ND		5.0	0.47	ug/L			10/11/13 01:40	1
Bromomethane	ND		5.0	1.2	ug/L			10/11/13 01:40	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/11/13 01:40	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/11/13 01:40	1
Chloroethane	ND		5.0	0.87	ug/L			10/11/13 01:40	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/11/13 01:40	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-47621-1

Client Sample ID: MW9

Lab Sample ID: 480-47621-3

Date Collected: 10/08/13 12:54

Matrix: Water

Date Received: 10/10/13 01:40

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			10/11/13 01:40	1
Chloromethane	ND		5.0	0.64	ug/L			10/11/13 01:40	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			10/11/13 01:40	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/11/13 01:40	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/11/13 01:40	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/11/13 01:40	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			10/11/13 01:40	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/11/13 01:40	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/11/13 01:40	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/11/13 01:40	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/11/13 01:40	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/11/13 01:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/11/13 01:40	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/11/13 01:40	1
Toluene	ND		5.0	0.45	ug/L			10/11/13 01:40	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			10/11/13 01:40	1
1,1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/11/13 01:40	1
Trichloroethene	6.8		5.0	0.60	ug/L			10/11/13 01:40	1
Vinyl chloride	11		5.0	0.75	ug/L			10/11/13 01:40	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/11/13 01:40	1
1,2-Dichloroethene, Total	25		10	3.2	ug/L			10/11/13 01:40	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/11/13 01:40	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/11/13 01:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		72 - 130		10/11/13 01:40	1
4-Bromofluorobenzene (Surr)	104		69 - 121		10/11/13 01:40	1
Toluene-d8 (Surr)	90		70 - 123		10/11/13 01:40	1

Client Sample ID: DGC6S

Lab Sample ID: 480-47621-4

Date Collected: 10/08/13 12:56

Matrix: Water

Date Received: 10/10/13 01:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			10/11/13 02:03	1
Acrylonitrile	ND		25	1.9	ug/L			10/11/13 02:03	1
Benzene	ND		5.0	0.60	ug/L			10/11/13 02:03	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			10/11/13 02:03	1
Bromoform	ND		5.0	0.47	ug/L			10/11/13 02:03	1
Bromomethane	ND		5.0	1.2	ug/L			10/11/13 02:03	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/11/13 02:03	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/11/13 02:03	1
Chloroethane	ND		5.0	0.87	ug/L			10/11/13 02:03	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/11/13 02:03	1
Chloroform	ND		5.0	0.54	ug/L			10/11/13 02:03	1
Chloromethane	ND		5.0	0.64	ug/L			10/11/13 02:03	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			10/11/13 02:03	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/11/13 02:03	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/11/13 02:03	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-47621-1

Client Sample ID: DGC6S

Lab Sample ID: 480-47621-4

Date Collected: 10/08/13 12:56

Matrix: Water

Date Received: 10/10/13 01:40

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			10/11/13 02:03	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			10/11/13 02:03	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/11/13 02:03	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/11/13 02:03	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/11/13 02:03	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/11/13 02:03	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/11/13 02:03	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/11/13 02:03	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/11/13 02:03	1
Toluene	ND		5.0	0.45	ug/L			10/11/13 02:03	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			10/11/13 02:03	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/11/13 02:03	1
Trichloroethene	ND		5.0	0.60	ug/L			10/11/13 02:03	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/11/13 02:03	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/11/13 02:03	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/11/13 02:03	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/11/13 02:03	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/11/13 02:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		72 - 130		10/11/13 02:03	1
4-Bromofluorobenzene (Surr)	106		69 - 121		10/11/13 02:03	1
Toluene-d8 (Surr)	91		70 - 123		10/11/13 02:03	1

Client Sample ID: DGC7S

Lab Sample ID: 480-47621-5

Date Collected: 10/08/13 12:58

Matrix: Water

Date Received: 10/10/13 01:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			10/11/13 02:27	1
Acrylonitrile	ND		25	1.9	ug/L			10/11/13 02:27	1
Benzene	ND		5.0	0.60	ug/L			10/11/13 02:27	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			10/11/13 02:27	1
Bromoform	ND		5.0	0.47	ug/L			10/11/13 02:27	1
Bromomethane	ND		5.0	1.2	ug/L			10/11/13 02:27	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/11/13 02:27	1
Chlorobenzene	3.0	J	5.0	0.48	ug/L			10/11/13 02:27	1
Chloroethane	ND		5.0	0.87	ug/L			10/11/13 02:27	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/11/13 02:27	1
Chloroform	ND		5.0	0.54	ug/L			10/11/13 02:27	1
Chloromethane	ND		5.0	0.64	ug/L			10/11/13 02:27	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			10/11/13 02:27	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/11/13 02:27	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/11/13 02:27	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/11/13 02:27	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			10/11/13 02:27	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/11/13 02:27	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/11/13 02:27	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/11/13 02:27	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-47621-1

Client Sample ID: DGC7S

Date Collected: 10/08/13 12:58

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-5

Matrix: Water

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			10/11/13 02:27	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/11/13 02:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/11/13 02:27	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/11/13 02:27	1
Toluene	ND		5.0	0.45	ug/L			10/11/13 02:27	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			10/11/13 02:27	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/11/13 02:27	1
Trichloroethene	ND		5.0	0.60	ug/L			10/11/13 02:27	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/11/13 02:27	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/11/13 02:27	1
1,2-Dichloroethene, Total	ND		10	3.2	ug/L			10/11/13 02:27	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/11/13 02:27	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/11/13 02:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		72 - 130		10/11/13 02:27	1
4-Bromofluorobenzene (Surr)	104		69 - 121		10/11/13 02:27	1
Toluene-d8 (Surr)	90		70 - 123		10/11/13 02:27	1

Client Sample ID: DGC8S

Date Collected: 10/08/13 13:00

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			10/11/13 02:50	1
Acrylonitrile	ND		25	1.9	ug/L			10/11/13 02:50	1
Benzene	ND		5.0	0.60	ug/L			10/11/13 02:50	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			10/11/13 02:50	1
Bromoform	ND		5.0	0.47	ug/L			10/11/13 02:50	1
Bromomethane	ND		5.0	1.2	ug/L			10/11/13 02:50	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/11/13 02:50	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/11/13 02:50	1
Chloroethane	ND		5.0	0.87	ug/L			10/11/13 02:50	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/11/13 02:50	1
Chloroform	ND		5.0	0.54	ug/L			10/11/13 02:50	1
Chloromethane	ND		5.0	0.64	ug/L			10/11/13 02:50	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			10/11/13 02:50	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/11/13 02:50	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/11/13 02:50	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/11/13 02:50	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			10/11/13 02:50	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/11/13 02:50	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/11/13 02:50	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/11/13 02:50	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/11/13 02:50	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/11/13 02:50	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/11/13 02:50	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/11/13 02:50	1
Toluene	ND		5.0	0.45	ug/L			10/11/13 02:50	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-47621-1

Client Sample ID: DGC8S

Lab Sample ID: 480-47621-6

Date Collected: 10/08/13 13:00

Matrix: Water

Date Received: 10/10/13 01:40

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			10/11/13 02:50	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/11/13 02:50	1
Trichloroethene	15		5.0	0.60	ug/L			10/11/13 02:50	1
Vinyl chloride	4.3 J		5.0	0.75	ug/L			10/11/13 02:50	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/11/13 02:50	1
1,2-Dichloroethene, Total	17		10	3.2	ug/L			10/11/13 02:50	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/11/13 02:50	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/11/13 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		72 - 130					10/11/13 02:50	1
4-Bromofluorobenzene (Surr)	104		69 - 121					10/11/13 02:50	1
Toluene-d8 (Surr)	90		70 - 123					10/11/13 02:50	1

Client Sample ID: Culvert Well

Lab Sample ID: 480-47621-7

Date Collected: 10/08/13 13:04

Matrix: Water

Date Received: 10/10/13 01:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			10/11/13 03:14	1
Acrylonitrile	ND		25	1.9	ug/L			10/11/13 03:14	1
Benzene	ND		5.0	0.60	ug/L			10/11/13 03:14	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			10/11/13 03:14	1
Bromoform	ND		5.0	0.47	ug/L			10/11/13 03:14	1
Bromomethane	ND		5.0	1.2	ug/L			10/11/13 03:14	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/11/13 03:14	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/11/13 03:14	1
Chloroethane	ND		5.0	0.87	ug/L			10/11/13 03:14	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/11/13 03:14	1
Chloroform	ND		5.0	0.54	ug/L			10/11/13 03:14	1
Chloromethane	ND		5.0	0.64	ug/L			10/11/13 03:14	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			10/11/13 03:14	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/11/13 03:14	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/11/13 03:14	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/11/13 03:14	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			10/11/13 03:14	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/11/13 03:14	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/11/13 03:14	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/11/13 03:14	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/11/13 03:14	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/11/13 03:14	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/11/13 03:14	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/11/13 03:14	1
Toluene	ND		5.0	0.45	ug/L			10/11/13 03:14	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			10/11/13 03:14	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/11/13 03:14	1
Trichloroethene	26		5.0	0.60	ug/L			10/11/13 03:14	1
Vinyl chloride	ND		5.0	0.75	ug/L			10/11/13 03:14	1
1,2-Dichlorobenzene	ND		5.0	0.44	ug/L			10/11/13 03:14	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-47621-1

Client Sample ID: Culvert Well

Lab Sample ID: 480-47621-7

Date Collected: 10/08/13 13:04

Matrix: Water

Date Received: 10/10/13 01:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethene, Total	5.8	J	10	3.2	ug/L			10/11/13 03:14	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/11/13 03:14	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/11/13 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		72 - 130					10/11/13 03:14	1
4-Bromofluorobenzene (Surr)	105		69 - 121					10/11/13 03:14	1
Toluene-d8 (Surr)	90		70 - 123					10/11/13 03:14	1

Client Sample ID: Recirc Tank

Lab Sample ID: 480-47621-8

Date Collected: 10/08/13 13:08

Matrix: Water

Date Received: 10/10/13 01:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acrolein	ND		100	17	ug/L			10/11/13 03:37	1
Acrylonitrile	ND		25	1.9	ug/L			10/11/13 03:37	1
Benzene	ND		5.0	0.60	ug/L			10/11/13 03:37	1
Dichlorobromomethane	ND		5.0	0.54	ug/L			10/11/13 03:37	1
Bromoform	ND		5.0	0.47	ug/L			10/11/13 03:37	1
Bromomethane	ND		5.0	1.2	ug/L			10/11/13 03:37	1
Carbon tetrachloride	ND		5.0	0.51	ug/L			10/11/13 03:37	1
Chlorobenzene	ND		5.0	0.48	ug/L			10/11/13 03:37	1
Chloroethane	ND		5.0	0.87	ug/L			10/11/13 03:37	1
2-Chloroethyl vinyl ether	ND		25	1.9	ug/L			10/11/13 03:37	1
Chloroform	ND		5.0	0.54	ug/L			10/11/13 03:37	1
Chloromethane	ND		5.0	0.64	ug/L			10/11/13 03:37	1
Chlorodibromomethane	ND		5.0	0.41	ug/L			10/11/13 03:37	1
1,1-Dichloroethane	ND		5.0	0.59	ug/L			10/11/13 03:37	1
1,2-Dichloroethane	ND		5.0	0.60	ug/L			10/11/13 03:37	1
1,1-Dichloroethene	ND		5.0	0.85	ug/L			10/11/13 03:37	1
trans-1,2-Dichloroethene	ND		5.0	0.59	ug/L			10/11/13 03:37	1
1,2-Dichloropropane	ND		5.0	0.61	ug/L			10/11/13 03:37	1
cis-1,3-Dichloropropene	ND		5.0	0.33	ug/L			10/11/13 03:37	1
trans-1,3-Dichloropropene	ND		5.0	0.44	ug/L			10/11/13 03:37	1
Ethylbenzene	ND		5.0	0.46	ug/L			10/11/13 03:37	1
Methylene Chloride	ND		5.0	0.81	ug/L			10/11/13 03:37	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.26	ug/L			10/11/13 03:37	1
Tetrachloroethene	ND		5.0	0.34	ug/L			10/11/13 03:37	1
Toluene	ND		5.0	0.45	ug/L			10/11/13 03:37	1
1,1,1-Trichloroethane	ND		5.0	0.39	ug/L			10/11/13 03:37	1
1,1,2-Trichloroethane	ND		5.0	0.48	ug/L			10/11/13 03:37	1
Trichloroethene	12		5.0	0.60	ug/L			10/11/13 03:37	1
Vinyl chloride	2.8	J	5.0	0.75	ug/L			10/11/13 03:37	1
1,2-Dichlorobenzene	0.45	J	5.0	0.44	ug/L			10/11/13 03:37	1
1,2-Dichloroethene, Total	6.9	J	10	3.2	ug/L			10/11/13 03:37	1
1,3-Dichlorobenzene	ND		5.0	0.54	ug/L			10/11/13 03:37	1
1,4-Dichlorobenzene	ND		5.0	0.51	ug/L			10/11/13 03:37	1

TestAmerica Buffalo

Client Sample Results

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

TestAmerica Job ID: 480-47621-1

Client Sample ID: Recirc Tank

Date Collected: 10/08/13 13:08

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-8

Matrix: Water

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1,2-Dichloroethane-d4 (Surr)	110		72 - 130		10/11/13 03:37	1
4-Bromofluorobenzene (Surr)	104		69 - 121		10/11/13 03:37	1
Toluene-d8 (Surr)	91		70 - 123		10/11/13 03:37	1

Lab Chronicle

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

TestAmerica Job ID: 480-47621-1

Client Sample ID: MW6

Date Collected: 10/08/13 12:50

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	144016	10/11/13 00:54	TRB	TAL BUF

Client Sample ID: MW7

Date Collected: 10/08/13 12:52

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	144016	10/11/13 01:17	TRB	TAL BUF

Client Sample ID: MW9

Date Collected: 10/08/13 12:54

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	144016	10/11/13 01:40	TRB	TAL BUF

Client Sample ID: DGC6S

Date Collected: 10/08/13 12:56

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	144016	10/11/13 02:03	TRB	TAL BUF

Client Sample ID: DGC7S

Date Collected: 10/08/13 12:58

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	144016	10/11/13 02:27	TRB	TAL BUF

Client Sample ID: DGC8S

Date Collected: 10/08/13 13:00

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	144016	10/11/13 02:50	TRB	TAL BUF

TestAmerica Buffalo

Lab Chronicle

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

TestAmerica Job ID: 480-47621-1

Client Sample ID: Culvert Well

Date Collected: 10/08/13 13:04

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	144016	10/11/13 03:14	TRB	TAL BUF

Client Sample ID: Recirc Tank

Date Collected: 10/08/13 13:08

Date Received: 10/10/13 01:40

Lab Sample ID: 480-47621-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624		1	144016	10/11/13 03:37	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: 480-47621-1

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	07-06-13 *
California	NELAP	9	1169CA	09-30-13 *
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
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	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
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	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

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

TestAmerica Buffalo

Method Summary

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

TestAmerica Job ID: 480-47621-1

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: 480-47621-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-47621-1	MW6	Water	10/08/13 12:50	10/10/13 01:40
480-47621-2	MW7	Water	10/08/13 12:52	10/10/13 01:40
480-47621-3	MW9	Water	10/08/13 12:54	10/10/13 01:40
480-47621-4	DGC6S	Water	10/08/13 12:56	10/10/13 01:40
480-47621-5	DGC7S	Water	10/08/13 12:58	10/10/13 01:40
480-47621-6	DGC8S	Water	10/08/13 13:00	10/10/13 01:40
480-47621-7	Culvert Well	Water	10/08/13 13:04	10/10/13 01:40
480-47621-8	Recirc Tank	Water	10/08/13 13:08	10/10/13 01:40

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-47621-1

Login Number: 47621

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

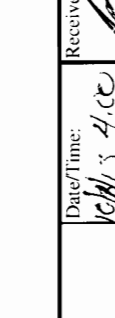
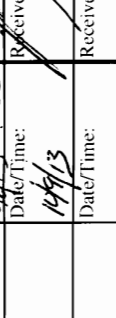
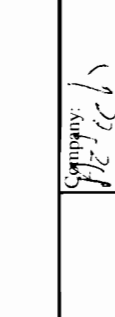
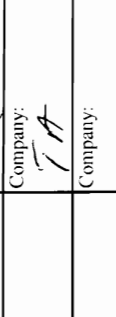
Buffalo

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:	
NYSDEC Region 5		Tel/Fax: (518) 897-1242		Lab Contact: Sally Hoffman		Carrier:	
1115 NYS Route 9, P.O. Box 296		Analysis Turnaround Time		Calendar (C) or Work Days (W) _____ W		COC No: _____ of _____ COCs	
Ray Brook, NY 12977-0296		TAT it different from below _____ 10 days		2 weeks		Job No. _____	
(518) 897-1242		Phone		1 week		SDG No. _____	
(518) 891-2295		FAX		2 days			
Project Name: Philmar Electronics		Sample Date		Sample Time		Sample Type	
Site: 942 Mason Street, Morrisville, NY 12962		Sample Date		Sample Time		Sample Type	
P O #: Site ID # 510008		Sample Date		Sample Time		Sample Type	
Mix 6	10/26/13	10:30	Grab	W	3	N	
Mix 7	10/26/13	12:30	Grab	W	3	N	
Mix 9	10/26/13	12:54	Grab	W	3	N	
DGC 65	10/26/13	12:54	Grab	W	3	N	
DGC 75	10/26/13	12:58	Grab	W	3	N	
DGC 25	10/26/13	1:00	Grab	W	3	N	
Culvert well	10/26/13	1:04	Grab	W	3	N	
Recess Tank	10/26/13	1:08	Grab	W	3	N	
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			
Special Instructions/QC Requirements & Comments: Please copy analytical results to Aaron Yecies (ayecies@aztechtech.com) and Whitney Shafer (wshafer@aztechtech.com)							
Received by: 				Received by: 		Date/Time: 10/26/13 4:00	
Relinquished by: 				Relinquished by: 		Date/Time: 10/26/13 12:10	
Relinquished by: 				Relinquished by: 		Date/Time: 10/26/13 0:40	

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