

September 27, 2013

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region One
Stony Brook University
50 Circle Road, Stony Brook, New York 11790-3409

Attn: Mr. John Sheehan

**Re: Former CAMCO Site Characterization and Investigation
Supplemental Investigation Phase II Results**
2125 Smithtown Avenue, Ronkonkoma, New York
Index #A1-0627-12-09 Site #152206

Dear Mr. Sheehan:

EnviroTrac Ltd. (EnviroTrac) was retained by the Town of Islip (TOI) to conduct environmental assessment activities at the former CAMCO facility (Site) that are being implemented with oversight of the New York State Department of Environmental Conservation (NYSDEC). The general location of the Site is shown on Figure 1.

Work is being conducted at the Site in accordance with project scoping submittals approved by the NYSDEC including the Site Characterization and Investigation Work Plan (Work Plan) dated October 12, 2011 and the Supplemental Site Characterization and Investigation Work Plan (Supplemental Work Plan), dated August 17, 2012.

Testing conducted at the Site has included collection of soil, soil gas and groundwater samples and analysis of field parameters and quantification of chemical compound concentrations in the laboratory. In addition, water level data recorded at monitoring wells installed at and in close proximity to the Site has been used to assess groundwater flow direction and hydraulic gradient in the vicinity of the Site. Prior submittals presenting results of testing conducted in accordance with the approved work plans include the draft Site Characterization and Investigation Report (draft Report) dated April, 2012 and the Supplemental Investigation Phase I Results Report dated November 19, 2012. Based on review of the latter report, the NYSDEC requested implementation of additional investigation consisting of the Phase II testing specified in the Supplemental Work Plan. The purpose of this correspondence is to provide results of that work.

Supplemental Investigation Phase II Work Scope

Groundwater Assessment

Six existing monitoring wells, designated MW-1 through MW-6 (Figure 2), were sampled on June 20, 2013 using a low-flow protocol with collection of field parameters including specific conductance, pH, ORP, temperature and dissolved oxygen. A depth to water measurement was

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www.envirotrac.com

recorded at each well prior to initiating low-flow purge for use in calculating groundwater elevations. Groundwater samples were provided to the designated laboratory, (Alpha Analytical, Westborough, MA), for analysis of EPA SW-846 Method 8260B VOCs.

Soil Vapor Sampling at Parcel A

Five existing soil vapor monitoring points SG-1, SG-2, SG-5, SG-8 and SG-9 (Figure 3) were sampled on June 20, 2013 over an 8-hour period in accordance with procedures provided in the Work Plan using laboratory supplied 6-liter Summa Canisters.

Sampling point SG-7 could not be located for sampling on June 20; it was inadvertently destroyed sometime subsequent to the prior testing conducted in August, 2012. Accordingly, a replacement (designated SG-7R) was installed on July 2, 2013, following discussion with and approval by the NYSDEC, and was subsequently sampled on July 17, 2013 to provide the required information.

Samples were analyzed in the laboratory (Eurofins Air Toxics, Inc., Folsom, CA) for the EPA TO-15 list of VOCs and helium, utilized as a tracer.

Summary of Results

Groundwater

Analytical results of the June 2013 groundwater sampling that included testing only for VOCs, as proposed in the November 2012 Supplemental Investigation Phase I Results Report, are provided in the following summary tables:

Table 1 -- Summary of Groundwater Sampling Results -- Offsite

Table 2 -- Summary of Groundwater Sampling Results -- Parcel A

Table 3 -- Summary of Groundwater Sampling Results -- Parcel B

The groundwater sampling Data Usability Summary Report (DUSR) prepared by Environmental Data Services, Inc. (EDS), Williamsburg, VA, is provided in Attachment 1.

Results of testing conducted during the implementation of the Site Characterization and Investigation indicate that the depth to groundwater in the vicinity of the Site is approximately 53 feet below grade and the direction of groundwater flow is to the southwest under an approximate hydraulic gradient of 0.001 ft/ft. Local groundwater flow patterns based on measurements recorded on June 20, 2013 are depicted in Figure 4. Overall, results of the June 2013 groundwater gauging are consistent with testing conducted previously.

The following tables provide summaries of pertinent data comparing results of testing conducted during January/February and August/September 2012 and June 2013.

Table 4 -- Summary of Groundwater Elevation Measurements

Table 5 -- Summary of Groundwater Sampling Field Parameters

Table 6 - Groundwater Sampling Results Exceeding Comparison Criteria



Recommendations

In accordance with the scope of work presented in the August 17, 2012 Supplemental Work Plan an additional phase of field investigation will be conducted to focus on and further evaluate the anomalous soil vapor findings at the SG-7/7R location. The Phase III work scope will consist of a one to two-day direct sensing soil evaluation.

Direct Push Soil Profiling

A Geoprobe drilling rig will be used in conjunction with a Membrane Interface Probe/Electrical Conductivity (MIP/EC) system to log the subsurface to a maximum depth of approximately 50 feet below grade at approximately ten (10) locations as presented in Figure 5. These conceptual locations were selected with the goal of horizontally and vertically delineating the area where elevated VOC concentrations in soil vapor have been found at monitoring point SG-7/7R. Testing will begin at locations nearest to the SG-7R monitoring point and then proceed in an outward direction at increasing distances. The actual locations may be modified and the number of test borings increased or decreased along with depths required to achieve delineation goals. These determinations will be made during the testing by the on-site geologist and the final locations will be marked and subsequently surveyed by a professional land surveyor.

The MIP provides a high resolution continuous chemical profile of the soil column and can distinguish petroleum from chlorinated compounds (both have been detected at the SG-7/7R location) using an on-site data acquisition system with laboratory grade instrumentation that includes a Photoionization Detector (PID), a Flame Ionization Detector (FID), and an Electron Capture Detector (ECD). The MIP log provides semi-quantitative/qualitative information on contaminant levels and combined use of the MIP and EC logs provides information on contaminant distribution and migration pathways.

The MIP/EC system:

- Detects volatile contaminants in real-time while the probe is driven to depth;
- Can be used to identify areas of high concentrations; and
- System provides simultaneous log of VOCs and soil conductivity.
- The MIP indicates:
 - where the contaminant is encountered at depth;
 - how the concentration of contaminants varies over distance; and
 - where the contaminant occurs in relation to lithology.

Reporting of Results

Results of the proposed direct push soil profiling will be compiled and provided to the NYSDEC in a letter report with a request to complete the field investigation and recommendations to further address any identified concerns, as warranted and appropriate. Upon NYSDEC authorization, the April 2012 Draft Site Characterization and Investigation Report will be updated to include the new information developed through implementation of Supplemental Investigation Phases I through III and provided to the NYSDEC.



Please do not hesitate to contact the undersigned if you have any questions regarding the results and recommendations presented or require further information.

Sincerely,

EnviroTrac Ltd.

A handwritten signature in black ink, appearing to read 'Peter C. Brøen', written over the printed name.

Peter C. Brøen, CPG
Senior Project Manager

Attachments

cc: T. Hennessey, Town of Islip
S. McLeland, NYSDOH



Figures

TOPOGRAPHIC MAP

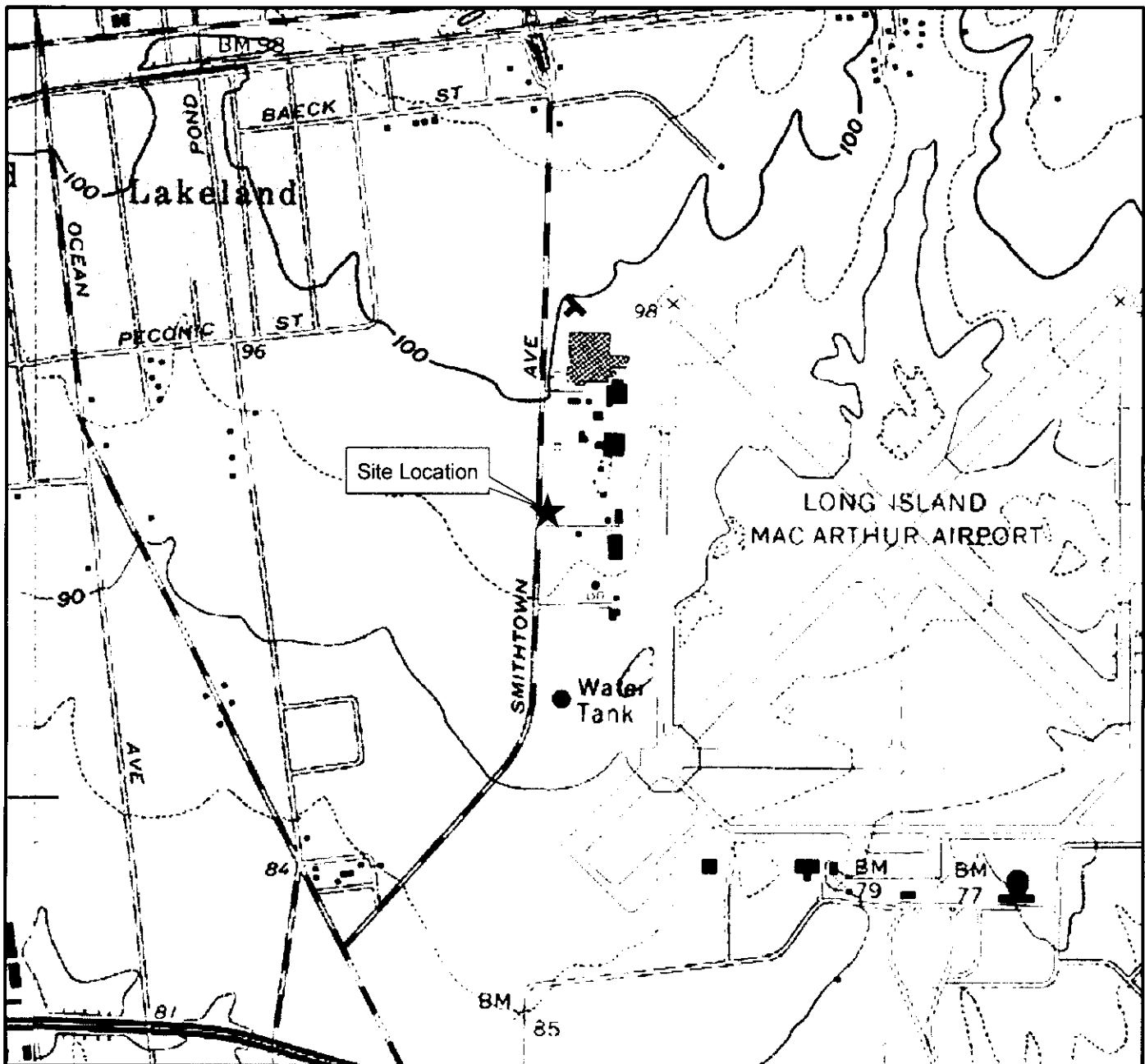


Figure 1
Site Location

CAMCO
2125 Smithtown Avenue
Ronkonkoma, NY

USGS Quadrangle:
Central Islip

Approx. Elevation:
87 feet

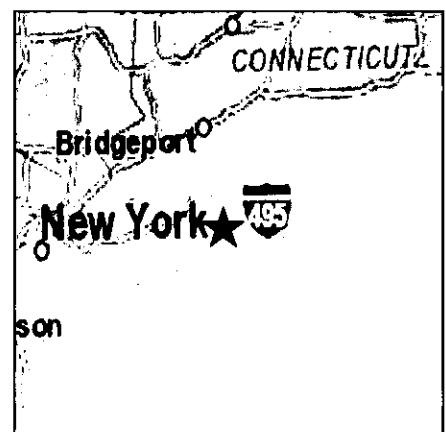


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Environmental Services

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AERIAL PHOTOGRAPH



Figure 2
Monitoring Well
Locations

CAMCO
2125 Smithtown Ave.
Ronkonkoma, NY

0 100 200



Feet



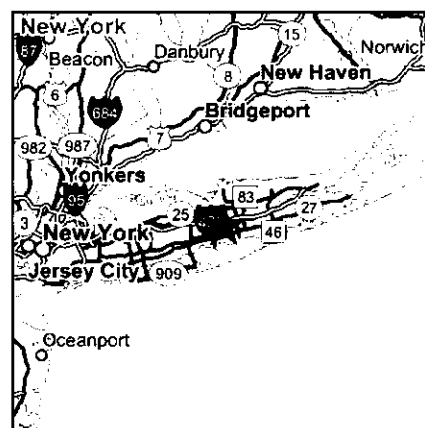
EnviroTrac

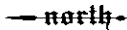
Environmental Services

5 Old Dock Road

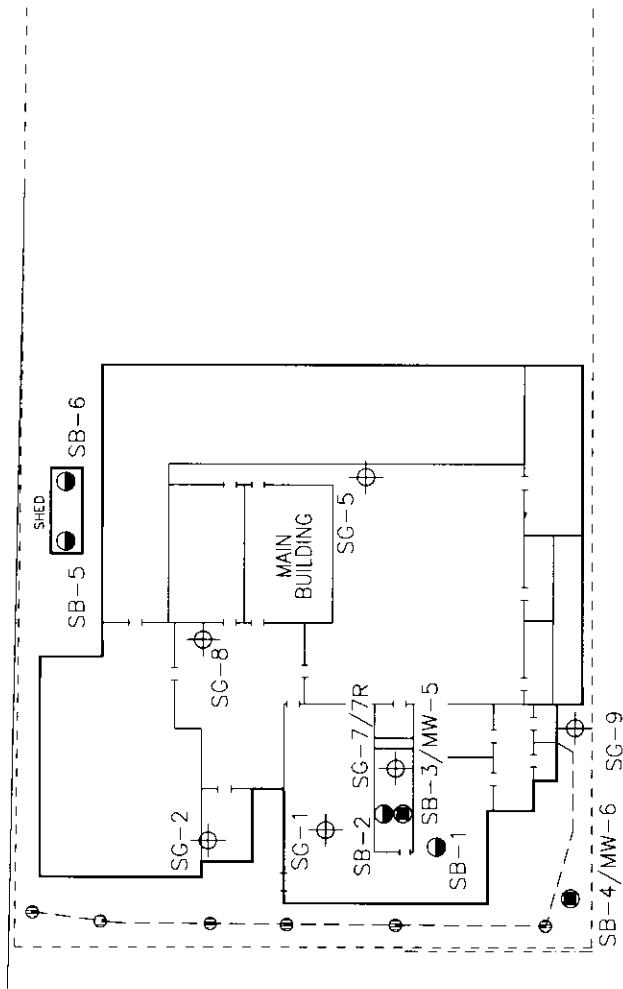
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ACCESS ROAD



LEGEND:

MACARTHUR AIRPORT STORM
WATER DRAINAGE SYSTEM

--- PROPERTY LINE

○ STORM DRAIN

⊕ SOIL GAS SAMPLE (SG)

● SOIL BORING (SB)

● SOIL BORING/MONITORING WELL

0 50
APPROX. SCALE IN FEET

NOTE:

SITE PLAN BASED ON A DRAWING PREPARED BY
FENLEY & NICOL, INC.

Envirotrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, SUITE 100, NEW YORK, NY 10002
PHONE: (631) 924-3001 FAX: (631) 924-3001

REVISION DATE:
SEPTEMBER 4, 2013

REVISED BY:
T.B.

CAMCO
2125 SMITHTOWN AVENUE
RONKONKOMA, NEW YORK

INVESTIGATION LOCATIONS - PARCEL A

FIGURE #

3

AERIAL PHOTOGRAPH

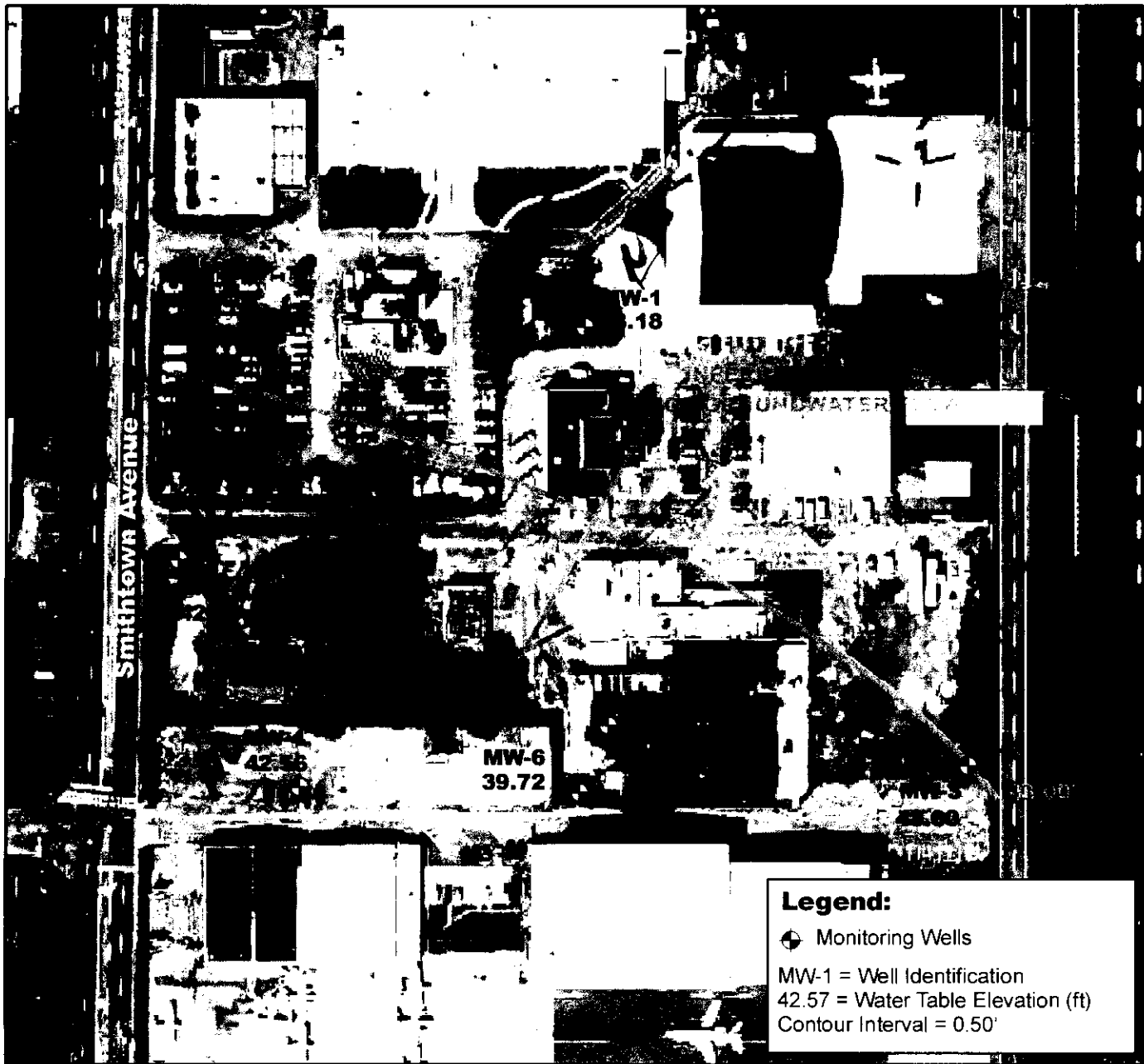


Figure 4
Groundwater
Flow Patterns
June 20, 2013

CAMCO
2125 Smithtown Ave.
Ronkonkoma, NY

0 100 200



Feet



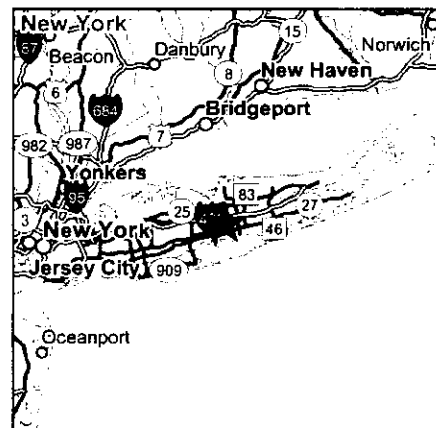
EnviroTrac

Environmental Services

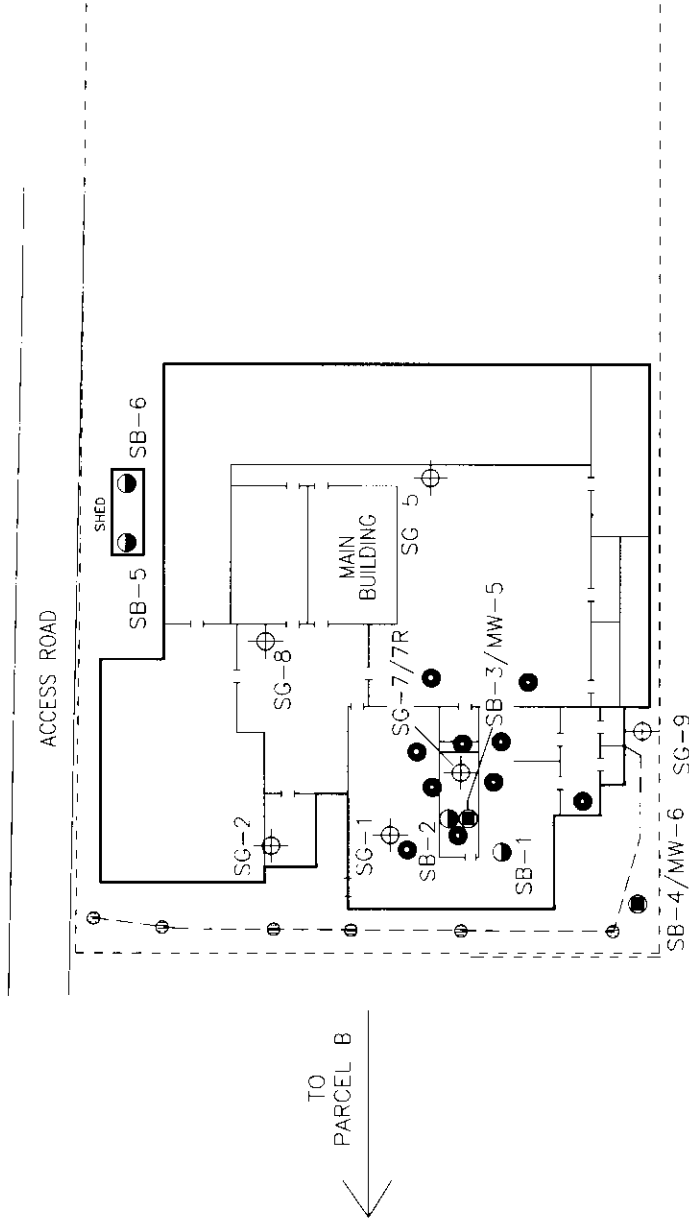
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— north —



LEGEND:

MACARTHUR AIRPORT STORM
WATER DRAINAGE SYSTEM

- PROPERTY LINE
- STORM DRAIN
- ⊕ SOIL GAS SAMPLE (SG)
- SOIL BORING (SB)
- ⊙ SOIL BORING/MONITORING WELL
- PROPOSED MIP/EC BORING

0 50
APPROX. SCALE IN FEET

NOTE:
SITE PLAN BASED ON A DRAWING PREPARED BY
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REVISED BY:
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RONKONKOMA, NEW YORK

PROPOSED MIP/EC BORING LOCATIONS - PARCEL A

FIGURE #
5

Tables

Table 7: Summary of Soil Vapor Sampling Results - Parcel A
Former CAMCO Site
Ronkonkoma, New York

COMPOUND NAME	CASNUM	SG-1		SG-11 (I)		SG-2		SG-5	
		20-Jun-13		20-Jun-13		20-Jun-13		20-Jun-13	
		REPL.MT	RESULT	REPL.MT	RESULT	REPL.MT	RESULT	REPL.MT	RESULT
1,4-Dioxane	123-91-1	0.61	ND	0.67	ND	0.62	ND	0.60	ND
Bromodichloromethane	75-27-4	1.1	ND	1.2	ND	1.2	ND	1.1	ND
cis-1,3-Dichloropropene	10061-01-5	0.77	ND	0.84	ND	0.78	ND	0.76	ND
4-Methyl-2-pentanone	108-10-1	0.69	0.77	0.76	ND	0.70	0.86	0.69	1.4
Toluene	108-88-3	0.64	23	0.70	22	0.65	38	0.63	73
trans-1,3-Dichloropropene	10061-02-6	0.77	ND	0.84	ND	0.78	ND	0.76	ND
1,1,2-Trichloroethane	79-00-5	0.92	ND	1.0	ND	0.94	ND	0.92	ND
Tetrachloroethene	127-18-4	1.1	20	1.2	20	1.2	3.2	1.1	5.6
2-Hexanone	591-78-6	3.5	ND	3.8	ND	3.5	ND	3.4	ND
Dibromochloromethane	124-48-1	1.4	ND	1.6	ND	1.5	ND	1.4	ND
1,2-Dibromoethane (EDB)	106-93-4	1.3	ND	1.4	ND	1.3	ND	1.3	ND
Chlorobenzene	108-90-7	0.78	ND	0.85	ND	0.79	ND	0.77	ND
Ethyl Benzene	100-41-4	0.73	9.1	0.80	8.8	0.75	14	0.73	13
m,p-Xylene	108-38-3/106-42-3	0.73	37	0.80	36	0.75	53	0.73	51
o-Xylene	95-47-6	0.73	15	0.80	15	0.75	21	0.73	20
Styrene	100-42-5	0.72	1.1	0.79	1.1	0.73	1.4	0.72	1.7
Bromoforn	75-25-2	1.7	ND	1.9	ND	1.8	ND	1.7	ND
Cumene	98-82-8	0.83	1.2	0.91	1.2	0.84	1.7	0.82	1.6
1,1,2,2-Tetrachloroethane	79-34-5	1.2	ND	1.3	ND	1.2	ND	1.2	ND
Propylbenzene	103-65-1	0.83	4.3	0.91	4.2	0.84	5.2	0.82	4.6
4-Ethyltoluene	622-96-8	0.83	23	0.91	23	0.84	26	0.82	22
1,3,5-Trimethylbenzene	108-67-8	0.83	8	0.91	7.8	0.84	8.7	0.82	6.2
1,2,4-Trimethylbenzene	95-63-6	0.83	28	0.91	27	0.84	29	0.82	16
1,3-Dichlorobenzene	541-73-1	1.0	ND	1.1	ND	1.0	ND	1.0	ND
1,4-Dichlorobenzene	106-46-7	1.0	45	1.1	42	1.0	30	1.0	25
alpha-Chlorotoluene	100-44-7	0.87	ND	0.96	ND	0.89	ND	0.87	ND
1,2-Dichlorobenzene	95-50-1	1.0	ND	1.1	ND	1.0	ND	1.0	ND
1,2,4-Trichlorobenzene	120-82-1	6.3	ND	6.9	ND	6.4	ND	6.2	ND
Hexachlorobutadiene	87-68-3	9.0	ND	9.9	ND	9.2	ND	9.0	ND
Trichloroethene	79-01-6	0.18	32	0.20	32	0.18	6.6	0.18	100
Total VOCs			434		417		327		499

Table 7: Summary of Soil Vapor Sampling Results - Parcel A
Former CANICO Site
Ronkonkoma, New York

COMPOUND NAME	CASNUM	SG-7R		SG-8		SG-9	
		17-Jul-13	20-Jun-13	20-Jun-13	20-Jun-13	20-Jun-13	20-Jun-13
		REPLMT	RESULT	REPLMT	RESULT	REPLMT	RESULT
Freon 12	75-71-8	350	ND	0.88	1.9	0.84	2
Freon 114	76-14-2	500	ND	1.2	ND	1.2	ND
Chloromethane	74-87-3	1,500	ND	0.37	2.6	0.35	2.9
Vinyl Chloride	75-01-4	180	ND	0.46	ND	0.43	ND
1,3-Butadiene	106-99-0	160	ND	0.39	ND	0.37	ND
Bromomethane	74-83-9	2,800	ND	3.4	ND	3.3	ND
Chloroethane	75-00-3	750	ND	2.3	ND	2.2	ND
Freon 11	75-69-4	400	ND	1.0	1.2	0.95	3.1
Ethanol	64-17-5	540	ND	1.7	42	1.6	16
Freon 113	76-13-1	540	ND	1.4	2.71	1.3	3.71
1,1-Dichloroethene	75-35-4	280	ND	0.70	ND	0.67	ND
Acetone	67-64-1	1,700	ND	2.1	3201	2.0	84
2-Propanol	67-63-0	700	ND	2.2	3.4	2.1	3.4
Carbon Disulfide	75-15-0	880	ND	2.8	9.7	2.6	38
3-Chloropropene	107-05-1	890	ND	2.8	ND	2.6	ND
Methylene Chloride	75-09-2	2,500	ND	1.2	ND	1.2	ND
Methyl tert-butyl ether	1634-04-4	260	11	0.64	ND	0.61	ND
trans-1,2-Dichloroethene	156-60-5	280	ND	0.70	ND	0.67	0.82
Hexane	110-54-3	250	ND	0.63	6.4	0.60	10
1,1-Dichloroethane	75-34-3	290	ND	0.72	ND	0.68	ND
2-Butanone (Methyl Ethyl Ketone)	78-93-3	840	ND	2.6	27	2.5	11
cis-1,2-Dichloroethene	156-59-2	280	29,000	0.70	ND	0.67	0.76
Tetrahydrofuran	109-99-9	210	ND	2.6	6	2.5	5.9
Chloroform	67-66-3	350	ND	0.87	ND	0.82	1.4
1,1,1-Trichloroethane	71-55-6	390	ND	0.97	6.5	0.92	100
Cyclohexane	110-82-7	240	930	0.61	1.7	0.58	3.5
Carbon Tetrachloride	56-23-5	450	ND	1.1	ND	1.1	ND
2,2,4-Trimethylpentane	540-84-1	330	3,100	4.2	5.2	3.9	ND
Benzene	71-43-2	230	ND	0.57	7.8	0.54	3.4
1,2-Dichloroethane	107-06-2	290	ND	0.72	ND	0.68	ND
Heptane	142-82-5	290	320	0.73	7.2	0.69	6.5
1,2-Dichloropropane	78-87-5	330	ND	0.82	ND	0.78	ND

Table 7: Summary of Soil Vapor Sampling Results - Parcel A
Former CAMCO Site
Ronkonkoma, New York

COMPONENT NAME	CASNO/UM	SG-7R		SG-8		SG-9	
		17-Jul-13	20-Jun-13	20-Jun-13	20-Jun-13	20-Jun-13	20-Jun-13
		REPLMT	RESULT	REPLMT	RESULT	REPLMT	RESULT
1,4-Dioxane	123-91-1	1,000	ND	0.64	ND	0.61	ND
Bromodichloromethane	75-27-4	480	ND	1.2	ND	1.1	ND
cis-1,3-Dichloropropene	10061-01-5	320	ND	0.81	ND	0.77	ND
4-Methyl-2-pentanone	108-10-1	290	ND	0.73	ND	0.69	1.1
Toluene	108-88-3	270	9,100	0.67	39	0.64	48
trans-1,3-Dichloropropene	10061-02-6	320	ND	0.81	ND	0.77	ND
1,1,2-Trichloroethane	79-00-5	390	ND	0.97	ND	0.92	ND
Tetrachloroethene	127-18-4	480	4,500	1.2	ND	1.1	210
2-Hexanone	591-78-6	1,200	ND	3.6	ND	3.5	ND
Dibromochloromethane	124-48-1	600	ND	1.5	ND	1.4	ND
1,2-Dibromoethane (EDB)	106-93-4	540	ND	1.4	ND	1.3	ND
Chlorobenzene	108-90-7	330	440	0.82	ND	0.78	ND
Ethyl Benzene	100-41-4	310	850	0.77	15	0.73	13
m,p-Xylene	108-38-3/106-42-3	310	2,300	0.77	58	0.73	51
o-Xylene	95-47-6	310	920	0.77	24	0.73	21
Styrene	100-42-5	300	ND	0.76	1.5	0.72	1.8
Bromoform	75-25-2	740	ND	1.8	ND	1.7	ND
Cumene	98-82-8	350	ND	0.88	1.9	0.83	1.7
1,1,2,2-Tetrachloroethane	79-34-5	490	ND	1.2	ND	1.2	ND
Propylbenzene	103-65-1	350	ND	0.88	5.9	0.83	5.5
4-Ethyltoluene	622-96-8	350	ND	0.88	29	0.83	29
1,3,5-Trimethylbenzene	108-67-8	350	ND	0.88	9.6	0.83	9.7
1,2,4-Trimethylbenzene	95-63-6	350	ND	0.88	33	0.83	33
1,3-Dichlorobenzene	541-73-1	430	ND	1.1	ND	1.0	ND
1,4-Dichlorobenzene	100-46-7	430	2,400	1.1	35	1.0	39
alpha-Chlorotoluene	100-44-7	370	ND	0.92	ND	0.87	ND
1,2-Dichlorobenzene	95-50-1	430	7,200	1.1	ND	1.0	ND
1,2,4-Trichlorobenzene	120-82-1	2,100	ND	6.6	ND	6.3	ND
Hexachlorobutadiene	87-68-3	3,000	ND	9.5	ND	9.0	ND
Trichloroethene	79-01-6	380	80,000	0.19	19	0.18	81
Total VOC's			141,060		400		837

Notes:
REPL, MT - reporting limit.
Reporting limit and results provided in ug/m³.
ND - compound was not detected relative to the indicated reporting limit.
(1) - Duplicate of sample SG-1.

Off-site wells MW-1 and MW-2, installed prior to initiating the current investigation, were sampled for VOCs on two occasions (August 2012 and June 2013). Results did not reveal the presence of any VOCs at levels exceeding the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value (AWQS).

Parcel A well MW-3, installed on the eastern side of the Parcel prior to initiating the current investigation, was sampled in September 2012 and June 2013. Results did not reveal the presence of any VOCs at levels exceeding the AWQS. Wells MW-5 and MW-6, constructed in December 2011, were sampled twice in 2012 and in July 2013. Each of these wells exhibit concentrations of petroleum-related VOCs in excess of the AWQS criteria.

Parcel B well MW-4 was constructed in December 2011 and has been sampled for VOCs on three occasions (February 2012, August 2012 and June 2013). Results for the last two testing rounds did not reveal the presence of any VOCs at levels exceeding the AWQS.

Soil Vapor at Parcel A

Soil vapor sampling results pertaining to the June/July 2013 testing are provided in the attached summary table:

Table 7 – Summary of Soil Vapor Sampling Results – Parcel A

The soil vapor sampling DUSRs prepared by EDS are provided in Attachment 2.

A comparison of results of selected chlorinated VOCs from sampling conducted during 2008, 2012 and 2013 is provided in the attached summary table:

Table 8 – Comparison of 2008, 2012 and 2013 Soil Vapor Sampling Results - Parcel A

Including the June/July 2013 testing, soil vapor monitoring points SG-1, SG-2, SG-5, SG-7 (and its replacement SG-7R) and SG-8 have been sampled on four occasions beginning in 2008. During the period from 2008 to June/July, 2013 these wells, (with the notable exception of SG-7) exhibited significant declines in total VOC concentrations ranging from 80% to 99%.

Comparison of results for the two sampling rounds conducted during 2012 reveal a general increase in concentrations that may be attributable to climatic differences in February versus August and associated changes in volatilization potential in the shallow soil at the Site. However, with the exception of SG-1, the increases exhibited in August were below those in comparison to the 2008 testing results.

The increased concentrations at the SG-7 location, as measured in July 2013 at the newly installed soil vapor monitoring point SG-7R, may be attributable to several variables including but not necessarily limited to: a slightly different geospatial (xyz) location, climatic influences (the recent SG-7R sample was collected during extreme summer heat conditions) and continuing changes in the subsurface geochemical environment resulting from removal of the former building structure.

Table 1: Summary of Groundwater Sampling Results - Offsite

Former CAMCO Site
Ronkonkoma, New York

groundwater
N/D

LOCATION	NY-AWQS	MW-1		MW-2	
Volatile Organics (ug/l)		Result	Qual	Result	Qual
t,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	5	2	U	2	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U
1,4-Diethylbenzene	NA	2	U	2	U
1,4-Dioxane	NA	250	R	250	R
2,2-Dichloropropane	5	2.5	U	2.5	U
2-Butanone	50	5	R	5	R
2-Hexanone	50	5	U	5	U
4-Ethyltoluene	NA	2	U	2	U
4-Methyl-2-pentanone	NA	5	R	5	R
Acetone	50	5	R	5	R
Acrylonitrile	5	5	R	5	R
Benzene	1	0.5	U	0.5	U
Bromobenzene	5	2.5	U	2.5	U
Bromoethane	5	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U
Bromoform	50	2	U	2	U
Bromomethane	5	2.5	U	2.5	U
Carbon disulfide	60	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U
Chloromethane	NA	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U
Dibromochloromethane	50	0.5	U	0.5	U
Dibromomethane	5	5	U	5	U
Dichlorodifluoromethane	5	5	U	5	U
Ethyl ether	NA	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U
Methyl tert butyl ether	10	2.5	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U

Comment:
Need to add
reporting units

Table 1: Summary of Groundwater Sampling Results - Offsite

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-1		MW-2	
Naphthalene	10	2.5	U	2.5	UJ
o-Chlorotoluene	5	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U
p-Chlorotoluene	5	2.5	U	2.5	U
p-Isopropyltoluene	5	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U
Styrene	5	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U
Tetrachloroethene	5	0.5	U	0.5	U
Toluene	5	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	UJ
Trichloroethene	5	0.5	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U
Vinyl acetate	NA	5	U	5	U
Vinyl chloride	2	1	U	1	U
Total VOCs		Not Detected		Not Detected	

Notes:

Sampling conducted June 20, 2013.

U - Compound was not detected relative to the indicated limit.

J - Estimated value.

R - Result rejected based on validation, see DUSR.

Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 2: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-3		MW-5		MW-6		MW-7 (1)	
		Result	Qual	Result	Qual	Result	Qual	Result	Qual
1,1,1,2-Tetrachloroethane	5	2.5	U	12	U	2.5	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	12	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	UJ	2.5	U	0.5	UJ	0.5	U
1,1,2-Trichloroethane	1	1.5	U	7.5	U	1.5	U	1.5	U
1,1-Dichloroethane	5	2.5	U	12	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	2.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	12	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	UJ	12	U	2.5	UJ	2.5	U
1,2,3-Trichloropropane	0.04	2.5	UJ	12	U	2.5	UJ	2.5	U
1,2,4,5-Tetramethylbenzene	5	2	U	6.3	J	3.1		2	U
1,2,4-Trichlorobenzene	5	2.5	U	12	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	260		49		2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	12	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	10	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	11	J	3.2		2.5	U
1,2-Dichloroethane	0.6	0.5	U	2.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	5	U	1	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	88		11		2.5	U
1,3-Dichlorobenzene	3	2.5	U	12	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	12	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	12	U	0.97	J	2.5	U
1,4-Diethylbenzene	NA	2	U	28		3.9		2	U
1,4-Dioxane	NA	250	R	1200	R	250	R	250	R
2,2-Dichloropropane	5	2.5	U	12	U	2.5	U	2.5	U
2-Butanone	50	5	R	25	R	5	R	5	R
2-Hexanone	50	5	UJ	25	U	5	UJ	5	U
4-Ethyltoluene	NA	2	U	110		16		2	U
4-Methyl-2-pentanone	NA	5	R	25	R	5	R	5	R
Acetone	50	5	R	5	R	5	R	5	R
Acrylonitrile	5	5	R	25	R	5	R	5	R
Benzene	1	0.5	U	2.5	U	0.5	U	0.5	U
Bromobenzene	5	2.5	U	12	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	12	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	2.5	U	0.5	U	0.5	U
Bromoform	50	2	U	10	U	2	U	2	U
Bromomethane	5	2.5	UJ	12	U	2.5	UJ	2.5	U
Carbon disulfide	60	5	U	25	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	2.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	12	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	12	U	2.5	U	2.5	U
Chloroform	7	2.5	U	12	U	2.5	U	2.5	U
Chloromethane	NA	2.5	U	12	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	12	U	0.88	J	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	2.5	U	0.5	U	0.5	U
Dibromochloromethane	50	0.5	U	2.5	U	0.5	U	0.5	U
Dibromomethane	5	5	U	25	U	5	U	5	U
Dichlorodifluoromethane	5	5	U	25	U	5	U	5	U
Ethyl ether	NA	2.5	U	12	U	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	6.5	J	1.2	J	2.5	U
Hexachlorobutadiene	0.5	2.5	U	12	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	7.8	J	2.4	J	2.5	U
Methyl tert butyl ether	10	2.5	U	12	U	2.5	U	2.5	U
Methylene chloride	5	2.5	U	12	U	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	12	U	1.3	J	2.5	U
n-Propylbenzene	5	2.5	U	19		5.7		2.5	U
Naphthalene	10	0.76	J	37		12	J	2.5	U
o-Chlorotoluene	5	2.5	U	12	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	27		4.3		2.5	U
p-Chlorotoluene	5	2.5	U	12	U	2.5	U	2.5	U
p-Isopropyltoluene	5	2.5	U	7.2	J	1.3	J	2.5	U

Table 2: Summary of Groundwater Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-3		MW-5		MW-6		MW-7 (1)	
p/m-Xylene	5	2.5	U	34		2.5		2.5	U
sec-Butylbenzene	5	2.5	U	7.7	J	2.9		2.5	U
Styrene	5	2.5	U	12	U	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	12	U	0.92	J	2.5	U
Tetrachloroethene	5	0.5	U	2.5	U	0.24	J	0.5	U
Toluene	5	2.5	U	12	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	12	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	2.5	U	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	UJ	12	U	2.5	UJ	2.5	U
Trichloroethene	5	0.5	U	0.98	J	1		0.5	U
Trichlorofluoromethane	5	2.5	U	12	U	2.5	U	2.5	U
Vinyl acetate	NA	5	U	25	U	5	U	5	U
Vinyl chloride	2	1	U	5	U	1	U	1	U
Total VOCs		Not Detected		589.48		123.81		Not Detected	

Notes:

Sampling conducted June 20, 2013

(1) - Duplicate of sample MW-3.

U - Compound was not detected relative to the indicated limit.

J - Estimated value.

R - Result rejected based on validation, see DUSR.

Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

Table 3: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
Volatile Organics (ug/l)		Result	Qual
1,1,1,2-Tetrachloroethane	5	2.5	U
1,1,1-Trichloroethane	5	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	UJ
1,1,2-Trichloroethane	1	1.5	U
1,1-Dichloroethane	5	2.5	U
1,1-Dichloroethene	5	0.5	U
1,1-Dichloropropene	5	2.5	U
1,2,3-Trichlorobenzene	5	2.5	UJ
1,2,3-Trichloropropane	0.04	2.5	UJ
1,2,4,5-Tetramethylbenzene	5	2	U
1,2,4-Trichlorobenzene	5	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U
1,2-Dibromoethane	0.0006	2	U
1,2-Dichlorobenzene	3	2.5	U
1,2-Dichloroethane	0.6	0.5	U
1,2-Dichloropropane	1	1	U
1,3,5-Trimethylbenzene	5	2.5	U
1,3-Dichlorobenzene	3	2.5	U
1,3-Dichloropropane	5	2.5	U
1,4-Dichlorobenzene	3	2.5	U
1,4-Diethylbenzene	NA	2	U
1,4-Dioxane	NA	250	R
2,2-Dichloropropane	5	2.5	U
2-Butanone	50	5	R
2-Hexanone	50	5	UJ
4-Ethyltoluene	NA	2	U
4-Methyl-2-pentanone	NA	5	R
Acetone	50	5	R
Acrylonitrile	5	5	R
Benzene	1	0.5	U
Bromobenzene	5	2.5	U
Bromochloromethane	5	2.5	U
Bromodichloromethane	50	0.5	U
Bromoform	50	2	U
Bromomethane	5	2.5	UJ
Carbon disulfide	60	5	U
Carbon tetrachloride	5	0.5	U
Chlorobenzene	5	2.5	U
Chloroethane	5	2.5	U
Chloroform	7	2.5	U
Chloromethane	NA	2.5	U
cis-1,2-Dichloroethene	5	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U
Dibromochloromethane	50	0.5	U
Dibromomethane	5	5	U
Dichlorodifluoromethane	5	5	U
Ethyl ether	NA	2.5	U
Ethylbenzene	5	2.5	U
Hexachlorobutadiene	0.5	2.5	U
Isopropylbenzene	5	2.5	U
Methyl tert butyl ether	10	2.5	U
Methylene chloride	5	2.5	U
n-Butylbenzene	5	2.5	U

Table 3: Summary of Groundwater Sampling Results - Parcel B

Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	MW-4	
n-Propylbenzene	5	2.5	U
Naphthalene	10	2.5	UJ
o-Chlorotoluene	5	2.5	U
o-Xylene	5	2.5	U
p-Chlorotoluene	5	2.5	U
p-Isopropyltoluene	5	2.5	U
p/m-Xylene	5	2.5	U
sec-Butylbenzene	5	2.5	U
Styrene	5	2.5	U
tert-Butylbenzene	5	2.5	U
Tetrachloroethene	5	0.5	U
Toluene	5	2.5	U
trans-1,2-Dichloroethene	5	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	UJ
Trichloroethene	5	0.5	U
Trichlorofluoromethane	5	2.5	U
Vinyl acetate	NA	5	U
Vinyl chloride	2	1	U
Total VOCs		Not Detected	

Notes:

Sampling conducted June 20, 2013.

U - Compound was not detected relative to the indicated limit.

J - Estimated value.

R - Result rejected based on validation, see DUSR.

Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value.

**Former CAMCO Site
Ronkonkoma, New York**

Notes:
 (1) - Screen interval is unknown
 MP - Top of casing measuring point
 DW - Depth to water below measuring point (ft.)
 FP - Free product thickness (ft.)
 ELEV - Groundwater elevation (ft. msl.)
 NM - Not Measured

Table 5: Summary of Groundwater Sampling Field Parameters

**Former CAMCO Site
Ronkonkoma, New York**

WELL NO.	MW-1	Off-Site	MW-2	MW-4
LOCATION	Off-Site			Parcel B
SAMPLING DATE	8/30/2012	6/20/2013	8/30/2012	6/20/2013
FIELD PARAMETER	UNITS	RESULTS (1)		
Specific Conductance	uS/cm	0.859	0.249	0.905
pH	standard units	5.79	6.26	6.26
Eh (ORP)	mV	134.1	104	124.2
Temperature	°C	18.4	16.69	16.65
Dissolved Oxygen	mg/l	NM	9.87	NM

WELL NO.	MW-3		MW-5		MW-6	
LOCATION	Parcel A					
SAMPLING DATE	9/4/2012	6/20/2013	1/13/2012	8/30/2012	6/20/2013	1/13/2012
FIELD PARAMETER	RESULTS (1)					
Specific Conductance	uS/cm	1.043	0.161	0.348	0.229	0.197
pH	standard units	6.54	6.38	8.60	6.74	6.23
Eh (ORP)	mV	285.1	87.3	-197.7	52.5	46.2
Temperature	°C	22.43	17.98	12.12	15.00	18.87
Dissolved Oxygen	mg/l	1.26	7.34	2.93	4.73	4.95

Notes:

- (1) - Measurements represent final set taken prior to sample collection.
(2) - NM=Not Measured due to the turbidity meter not functioning correctly
NM - not measured, meter not working.

Table 6: Groundwater Sampling Results Exceeding Comparison Criteria
Former CAMCO Site
Ronkonkoma, New York

LOCATION	NY-AWQS	Off-Site			Parcel B		
		MW-1	MW-2		MW-4		
SAMPLING DATE		(2)	(3)	(1)	(2)	(3)	
Volatile Organics (ug/l)							
1,2,4-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U	560	2.5 U	2.5 U
1,2-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	50 U	2.5 U	2.5 U
1,3,5-Trimethylbenzene	5	2.5 U	2.5 U	2.5 U	190	2.5 U	2.5 U
1,4-Dichlorobenzene	3	2.5 U	2.5 U	2.5 U	50 U	2.5 U	2.5 U
Ethylbenzene	5	2.5 U	2.5 U	2.5 U	15	2.5 U	2.5 U
Isopropylbenzene	5	2.5 U	2.5 U	2.5 U	14	2.5 U	2.5 U
n-Butylbenzene	5	2.5 U	2.5 U	2.5 U	10 U	2.5 U	2.5 U
n-Propylbenzene	5	2.5 U	2.5 U	2.5 U	32	2.5 U	2.5 U
Naphthalene	10	2.5 U	2.5 U	2.5 U	56	2.5 U	2.5 U
o-Xylene	5	2.5 U	2.5 U	2.5 U	60	2.5 U	2.5 U
p-Isopropyltoluene	5	2.5 U	2.5 U	2.5 U	40	2.5 U	2.5 U
p-m-Xylene	5	2.5 U	2.5 U	2.5 U	83	2.5 U	2.5 U
sec-Butylbenzene	5	2.5 U	2.5 U	2.5 U	12	2.5 U	2.5 U
Parcel A							
LOCATION	NY-AWQS	MW-3			MW-5		
		(2)	(3)	(1)	(2)	(3)	
SAMPLING DATE							
Volatile Organics (ug/l)							
1,2,4-Trimethylbenzene	5	2.5 U	2.5 U	120	320	260	2.5 U
1,2-Dichlorobenzene	3	2.5 U	2.5 U	6.2 U	14	11 J	5.3
1,3,5-Trimethylbenzene	5	2.5 U	2.5 U	49	120	88	2.5 U
1,4-Dichlorobenzene	3	2.5 U	2.5 U	6.2 U	3.4 J	12 U	2.5 U
Ethylbenzene	5	2.5 U	2.5 U	1.9	7.5	6.5 J	0.5 U
Isopropylbenzene	5	2.5 U	2.5 U	3.8	11	7.8 J	0.5 U
n-Butylbenzene	5	2.5 U	2.5 U	7.3	3.9 J	12 U	0.5 U
n-Propylbenzene	5	2.5 U	2.5 U	13	33	19	0.5 U
Naphthalene	10	2.5 U	0.76 J	7.1	51	37	2.5 U
o-Xylene	5	2.5 U	2.5 U	8	30	27	1 U
p-Isopropyltoluene	5	2.5 U	2.5 U	15	8.6	7.2 J	0.5 U
p-m-Xylene	5	2.5 U	2.5 U	4.9	3.4	3.4	1 U
sec-Butylbenzene	5	2.5 U	2.5 U	7.4	7.4	7.7 J	0.5 U
							10
							2.9

Notes:
(1) - Sampling Conducted Jan/Feb 2012
(2) - Sampling Conducted Aug/Sept 2012
(3) - Sampling Conducted June 2013
U - Compound was not detected relative to the indicated limit
J - Estimated value
Result exceeds the NY-AWQS - NYSDEC Part 703 Groundwater Quality Standard/Guidance Value

Table 7: Summary of Soil Vapor Sampling Results - Parcel A
Former CAMCO Site
Ronkonkoma, New York

COMPOUND NAME	CAS#	SG-1		SG-11 (I)		SG-2		SG-5	
		20-Jun-13		20-Jun-13		20-Jun-13		20-Jun-13	
		REPLMT	RESULT	REPLMT	RESULT	REPLMT	RESULT	REPLMT	RESULT
Freon 12	75-71-8	0.84	1.9	0.91	2	0.85	1.8	0.83	1.9
Freon 114	76-14-2	1.2	ND	1.3	ND	1.2	ND	1.2	ND
Chloromethane	74-87-3	0.35	1.3	0.38	1.3	0.36	1.4	0.35	3.1
Vinyl Chloride	75-01-4	0.43	ND	0.47	ND	0.44	ND	0.43	ND
1,3-Butadiene	106-99-0	0.37	ND	0.41	ND	0.38	ND	0.37	ND
Bromomethane	74-83-9	3.3	ND	3.6	ND	3.3	ND	3.3	ND
Chloroethane	75-00-3	2.2	ND	2.4	ND	2.3	ND	2.2	ND
Freon 11	75-69-4	0.95	ND	1.0	ND	0.97	ND	0.94	4.5
Ethanol	64-17-5	1.6	20	1.7	21	1.6	24	1.6	40
Freon 113	76-13-1	1.3	ND	1.4	ND	1.3	ND	1.3	ND
1,1-Dichloroethene	75-35-4	0.67	ND	0.73	ND	0.68	ND	0.67	ND
Acetone	67-64-1	2.0	130	2.2	120	2.0	180	2.0	420
2-Propanol	67-63-0	2.1	2.7	2.3	2.7	2.1	2.4	2.1	9.5
Carbon Disulfide	75-15-0	2.6	ND	2.9	ND	2.7	3.2	2.6	ND
3-Chloropropene	107-05-1	2.6	ND	2.9	ND	2.7	ND	2.6	ND
Methylene Chloride	75-09-2	1.2	ND	1.3	ND	1.2	ND	1.2	ND
Methyl tert-butyl ether	1634-04-4	0.61	ND	0.67	ND	0.62	ND	0.60	ND
trans-1,2-Dichloroethene	156-60-5	0.67	ND	0.73	ND	0.68	ND	0.67	ND
Hexane	110-54-3	0.60	2.7	0.65	2.8	0.61	6	0.59	20
1,1-Dichloromethane	75-34-3	0.68	ND	0.75	ND	0.70	ND	0.68	ND
2-Butanone (Methyl Ethyl Ketone)	78-93-3	2.5	13	2.7	13	2.5	20	2.5	31
cis-1,2-Dichloroethene	156-59-2	0.67	ND	0.73	ND	0.68	ND	0.67	0.66
Tetrahydrofuran	109-99-9	2.5	3.3	2.7	3.2	2.5	5.8	2.5	8.6
Chloroform	67-66-3	0.82	ND	0.90	ND	0.84	ND	0.82	ND
1,1,1-Trichloroethane	71-55-6	0.92	ND	1.0	ND	0.94	2.9	0.92	15
Cyclohexane	110-82-7	0.58	0.74	0.64	0.73	0.59	1.6	0.58	3.3
Carbon Tetrachloride	56-23-5	1.1	ND	1.2	ND	1.1	ND	1.0	ND
2,2,4-Trimethylpentane	540-84-1	3.9	4.4	4.3	4.5	4.0	7.1	3.9	4.6
Benzene	71-43-2	0.54	2.2	0.59	2.2	0.55	4.9	0.54	8.1
1,2-Dichloroethane	107-06-2	0.68	ND	0.75	ND	0.70	ND	0.68	ND
Heptane	142-82-5	0.69	4.2	0.76	3.7	0.70	7.2	0.69	7.8
1,2-Dichloropropane	78-87-5	0.78	ND	0.85	ND	0.79	ND	0.78	ND

Table 8: Comparison of 2008, 2012 and 2013 Soil Vapor Sampling Results - Parcel A

Former CAMCO Site
Ronkonkoma, New York

COMPOUND NAME	SG-1				SG-2				SG-5			
	03/18/08	02/09/12	08/30/12	06/20/13	03/18/08	02/09/12	08/30/12	06/20/13	09/15/08	02/09/12	08/30/12	06/20/13
Trichloroethene	940	730	1,300	32	1,600	25	75	6.6	240	150	310	100
cis-1,2-Dichloroethene	ND	9.3	67	ND	ND	ND	ND	ND	8.9	ND	1.7	0.66
Tetrachloroethene	290	150	280	20	51	8.3	12	3.2	210	7	12	5.6
trans-1,2-Dichloroethene	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	75	55	240	ND	17	33	260	2.9	120	69	160	15
Chloroform	ND	ND	9.3	ND	ND	1.7	3	ND	ND	ND	ND	ND
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	27	ND	2.2	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Listed VOC's (1)	1,305	944	1,906.3	52	1,668	68	350	13	606	226	486	121
Listed VOC's Remaining (2)	100%	72%	146%	4%	100%	4%	21%	1%	100%	37%	80%	20%
Total TO-15 VOC's	1,305	986	2,678.2	433.91	1,668	215.3	1,311.5	507	2,840.2	305	1,261.8	919
TO-15 VOC's Remaining	100%	76%	205%	33%	100%	13%	79%	30%	100%	11%	44%	32%

COMPOUND NAME	SG-7				SG-7R				SG-8				SG-9			
	09/15/08	02/09/12	08/30/12	07/17/13	09/15/08	02/09/12	08/30/12	06/20/13	09/15/08	02/09/12	08/30/12	06/20/13	09/15/08	02/09/12	08/30/12	06/20/13
Trichloroethene	32,000	2,300	26,000	80,000	600	10	300	19	37	73		81				
cis-1,2-Dichloroethene	4,600	590	3,800	29,000	ND	ND	3.1	ND	0.79	1.7		0.76				
Tetrachloroethene	920	150	1,900	4,500	90	2.6	5	ND	54	120		210				
trans-1,2-Dichloroethene	150	ND	110	ND	ND	ND	ND	ND	ND	ND		0.82				
1,1,1-Trichloroethane	ND	ND	95	ND	130	20	370	6.5	48	150		100				
Chloroform	ND	ND	ND	ND	4.5	ND	2.6	ND	ND	2.1		1.4				
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND				
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND				
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND				
Listed VOC's (1)	37,670	3,040	31,905	113,500	825	33	681	26	140	347		394				
Listed VOC's Remaining (2)	100%	8%	85%	301%	100%	4%	83%	3%	NA	NA		NA				
Total TO-15 VOC's	37,670	3,321	32,356	141,060	919	127	1,238.6	722	230	1,496.5		841				
TO-15 VOC's Remaining	100%	9%	86%	374%	100%	14%	135%	79%	NA	NA		NA				

Notes:

Results provided in ug m³

ND - compound was not detected

NA - not applicable

SG-7R: Installed July 2, 2013 to replace destroyed sampling point SG-7

(1) - Based on the provided compound list

(2) - In percent relative to 2008 concentrations