REMEDIAL ACTION WORK PLAN
1746 DALE ROAD SITE, CHEEKTOWAGA, NY
SUBSLAB SVES TREATMENT & OFF-SITE INVESTIGATION
September 2015 (revised)

A. BACKGROUND

The property at 1746 Dale Road in Cheektowaga, NY (see Figure 1), was previously owned by RoCo Ltd., and was the subject of a site investigation/remedial action by RoCo, Ltd. dating back to 2000. Subsurface volatile organic (VOC) contamination has been associated with the use of trichloroethylene (TCE) dating back to the 1950s. Site investigations revealed contamination beneath the old metal prep room in the northwest corner of the 33,000-sf single story building, with trichloroethylene (TCE) levels as high as 153,000 ppb in groundwater well GW-3.

RoCo, Ltd. entered into the Voluntary Cleanup Agreement (VCA #B9-0588-01; Site #V00422) with the NYSDEC in June 2001. Following site investigations, Roco implemented an in-situ bioremediation system to treat groundwater. The treatment consisted of the injection of a hydrogen release compound from 2002 through 2008. Over this period, site reports showed TCE reductions in GW-3 down to 10 ppb, and total VOCs to 138 ppb. RoCo submitted a Site Management Plan to the NYSDEC in 2011, but abandoned the Site immediately thereafter.

Dale Anderson LLC purchased the property in an auction in early 2014, and held discussions with the NYSDEC regarding measures to investigate current environmental conditions and to explore options for remediation of residual contamination at the site. Since the VCP remediation system and associated groundwater monitoring was terminated by RoCo Ltd. a few years ago, the current owners retained IEG to take the first step of characterizing groundwater contamination in and around the northwest corner of the property, and to develop the course of further action.

B. SITE DESCRIPTION AND HISTORY

The Site consists of a one-story, 33,000 square foot, irregular shaped, cement block and cement on grade building (see aerial photo on Figure 1). The property has a small parking lot in the southeast corner. The area is zoned for commercial and light manufacturing. The adjacent properties include Davis Electric Company to the north and Upstate Milk facility to the west. The Site is bordered by Dale Road (365 feet frontage) to the south, and Anderson Road (220 feet frontage) to the east. An asphalt access road/alley way is shared between the Site and Davis Electric to the north.

The building occupies the bulk of the property, and the Site is relatively flat with a gentle slope to the south. Drainage from the roof and paved areas flows into the town's storm sewer. The underlying soil at the Site is listed as Urban land (Ud), and likely reworked during property development. The subsurface at the Site consists of urban fill (mix of gravel, sand and silt) within the top 4 feet below ground surface (bgs) and native soils (predominantly clay and silts) below that. Layers of fine sand saturated with groundwater were also reported previously. Shallow groundwater is reported to be around 3 feet bgs at this Site. Regional groundwater flow is generally to the south with localized gradients impacted by the commercial/light industrial nature of the area.

Historical use of this property dates back to 1924 when it was owned by Careo-Oxygen Corporation, and subsequently General American Transportation Corp. (pre-1946), Walden Properties (1946), W. Weiss & Others (1949), and The Rotary Company, Inc./RoCo, Ltd. (1954). Careo-Oxygen Co.

operated an air reduction plant with buildings and railroad lines that were removed before 1946 when the current building was built.

According to previous reports, RoCo's on-site operations included precision metal fabrication, metal weldments, assemblies, and metal preparation and finishing. The materials involved in the manufacturing process included stainless steel, aluminum, brass, copper, exotic metals, specialty metals, extrusions and plastics. According to a previous owner (1950s through 1994), process chemicals were used only in the metal prep room located in the northwest corner of the building. The subslab soil vapor and groundwater beneath this room were found in previous investigations to have chlorinated organics orders of magnitude higher than the surrounding area.

C. PREVIOUS ENVIRONMENTAL INVESTIGATIONS

A 1998 Phase I ESA for the RoCo Site noted a few spilled materials and stained areas, particularly in the metal prep and boiler room areas. Process chemicals were only used in the metal prep room. Subsurface contamination with chlorinated organics (particularly trichloroethylene, dichloroethene and vinyl chloride) is the only significant adverse environmental condition associated with this Site as gathered from previous investigations.

In a 1999 Phase II ESA by Panamerican Environmental for Upstate Farms for the RoCo Site, trichloroethylene (TCE) and vinyl chloride (VC) were found to exceed the NYSDEC TAGM 4046 guidance values in two of six soil boring samples (see figure and tables in Attachment A-1). One soil boring just outside the northwest corner of the building (immediately outside the metal prep room and less than three feet from the western property boundary with Upstate Farms) had the highest VOCs (Boring B5 with TCE at 257 mg/Kg), and the next highest (Boring B6 with TCE at 14 mg/Kg) in the western portion of the alleyway between RoCo and Davis Electric. The rest of the soil boring samples were at trace levels.

In another Phase II ESA by TriTech Environmental Health & Safety for Upstate Farms in 2000, sixteen subsurface soil boring samples were collected on the Upstate Farms property to the west. One soil boring (B11 shown in Attachment A-2 figure and table) immediately west of the property boundary was found to have TCE at 11.1 mg/Kg and tetrachlorothene (PCE) at up to 4 mg/Kg. Another soil boring sample (B16) next to it was orders of magnitude lower (TCE at 0.14 mg/Kg and PCE at 0.01 mg/Kg) while the remaining soil samples were non-detect for chlorinated organics. These investigations confirmed organic solvent contamination in a small plume at the northwest corner of the building.

RoCo entered into the Voluntary Cleanup Agreement with the NYSDEC in 2001 and followed it with a Site Investigation/Remedial Alternatives Report (SI/RAR) in March 2002. The site investigation included the field screening of 4 soil samples from each of 19 boreholes (11 outside and 8 inside the building) up to 16 feet deep, and 5 monitoring wells (4 outside and 1 inside the building) at select borehole locations. Selected figures and tables from the SI/RAR are included in Attachment A-4).

The 2002 SI/RAR, prepared by Leader Professional Services, referenced a March 2000 Phase II ESA by Frontier Technical in which soil boring samples from the Davis Electric Driveway were reported to have PCE at up to 130 mg/Kg, and TCE at up to 240 mg/Kg compared to then TAGM 4046 values of 1.4 for PCE and 0.7 for TCE (see Attachment A-3, Table 1). The highest levels were found at depth intervals from 4' to 10' below ground surface.

The SI/RAR indicated fine to coarse sand in the upper two feet of the overburden at the Site followed by a mixture of silty clay and fine to coarse sand lenses beneath it. Depth to groundwater was

reported to be between 1' bgs in the northeast corner to 10' bgs to the south (see Attachment A-3, Table 2), indicating a hydraulic gradient of 0.06 ft/ft to the south. The report goes on to state that, based on the low permeability of overburden soils and the apparent distribution of contaminants, little north to south migration of contaminants has occurred.

Only VOCs were determined to warrant remediation at the Site. A total of 24 soil samples were analyzed for VOCs by Leader for the SI/RAR (see results in Attachment A-3, Table 3 and Figure 5). TCE and its breakdown products (dichloroethene, DCE, and vinyl chloride, VC) were detected in and around the source area making up the northwest corner of the building, with the highest concentration (16.8 mg/Kg TCE in soil at GW-3) inside. PCE was detected in only one soil sample (BH-7 at 3.99 mg/Kg) just outside the northwest corner of the building, while toluene was detected in a soil boring sample (BH-6 at 10.2 mg/Kg) in the alley between RoCo and Davis Electric. TCE was reported to be highest inside the building (71.6 mg/L at GW-3), and dropped significantly outside the northwest corner of the building (8.23 mg/L at GW-4 to the west at Upstate, and 0.088 mg/L at GW-2 to the north next to Davis Electric).

The 2002 SI/RAR included an evaluation of remedial alternatives and recommended insitu bioremediation to achieve cleanup levels. A June 2002 Addendum to the SI/RAR by Leader included a Work Plan for a treatability pilot study and supplemental investigation. Two additional wells (GW-6 and GW-7) were installed to the west of the building's northwest corner and sampled for VOCs. An insitu bioremediation pilot study was conducted to evaluate the effectiveness of Hydrogen Release Compounds (HRC) in enhancing anaerobic biodegradation of chlorinated solvents.

Subsequently, Leader issued a Remedial Action Plan Report in March 2007 documenting the results of HRC injections in enhancing insitu biodegradation and groundwater monitoring. Selected figures and tables from this report are included in Attachment A-4. Three separate treatment applications (HRC in July 2002, HRC-X in September 2005 and HRC-X/MRC in September 2008) were made to enhance natural biodegradation. The report shows TCE levels in monitoring well GW-3 inside the northwest building corner dropping from a high of 161 mg/L in 2002 to non-detect in 2005/2006 (see Attachment A-4, Table 5 and Figure 6). The HRC injections continued through 2008. A 2009 Supplemental Remedial Action Plan Report further documented the progress of the remedial action.

Due to "remaining contamination" in the subsurface, RoCo submitted a Site Management Plan (SMP) prepared by Leader in 2009 to manage the groundwater contamination at the Site. Selected figures and tables from the SMP are included as Attachment A-5. The SMP included a 2007 ISVSA program to collect and analyze intrusive soil vapor and ambient air samples at RoCo and Davis Electric (see Attachment A-5, Table 1 and Figure 5). The sub-slab soil vapor (> 303 $\mu g/m^3$) and ambient air sample (3.84 $\mu g/m^3$) inside the northwest building corner (at location #1 near GW-3) had TCE levels at which the NYSDOH recommends mitigation. Other samples inside the RoCo building as well as the Davis Electric were below recommended action levels for monitoring or mitigation.

The 2009 SMP noted that TCE in GW-3 inside the RoCo building was 89 mg/L in September 2008 and 9.87 in August 2009, while VC was 67.4 mg/L and 0.138 mg/L during the same time period. The remaining VOC contamination as of 2008 were summarized in the SMP (see Attachment A-5, Tables 5, 6 and 9, and Figure 9). Based on these, the SMP included engineering (proper ventilation) and institutional controls (deed/use restrictions), and continued monitoring of groundwater in and around the source area in the metal prep room. RoCo abandoned the Site immediately after submitting the SMP.

D. 2014 GROUNDWATER/SOIL VAPOR SAMPLING BY DALE ANDERSON, LLC

After purchasing the property in 2014, Dale Anderson LLC retained Iyer Environmental Group, PLLC (IEG) to assess site conditions and possible remedial options for groundwater contamination.

IEG found seven monitoring wells at the site from the VCP activities (see locations on Figure 2). Six wells (excluding GW-6) were purged and sampled in August 2014 for VOCs. Since GW-4 and GW-7 are relatively close with GW-6 in the middle, GW-6 was not sampled. The purging had to be performed over two days due to the slow recharge of all the wells. At the same time, a subslab soil vapor sample (designated SV-01) was collected inside the northwest corner of the building next to monitoring well GW-3.

Table 1 provides field measurements and analytical results for the groundwater samples, while Table 2 provides analytical results for VOCs in the soil vapor sample SV-01. Figure 2 shows groundwater levels and total VOCs for the monitoring wells, and total VOCs for the soil vapor sample. Laboratory analytical reports from this investigation are included as Attachment B.

VOC Results in groundwater: Up to eight VOCs were found in the six wells sampled, with GW-3 having the highest levels. GW-3 had 61,219 µg/L total VOCs, while the other five wells ranged from 5.4 to 572 µg/L. TCE ranged from non-detect in GW-7 to 10 µg/L at GW-3. Two VOCs, cis-1,2-dichloroethene (DCE) and VC, were the highest at 34,000 and 27,000 µg/L respectively in GW-3.

TCE is a source compound at this site, while DCE and VC are degradation products associated with in-situ bioremediation of groundwater from 2002 to 2008. According to the 2009 Site Management Plan by Leader Professional Services, TCE, DCE and VC had dropped to 9.87, non-detect and 138 µg/L respectively in groundwater at GW-3 in August 2009.

VOC Results in sublab soil vapor: Six VOCs were detected in the subslab soil vapor sample, ranging from 210 µg/m^3 toluene to 2,300 µg/m^3 cis-1,2-dichloroethene and 190,000 µg/m^3 TCE, significantly above the 250 µg/m^3 NYSDOH guideline. TCE was reported to be 303 µg/m^3 in a subslab soil vapor sample near GW-3 in 2006.

Assessment: Over a decade has passed since the groundwater bioremediation system was implemented and more than five years since the remediation system was abandoned. DCE and VC, the degradation products, appear to have rebounded in groundwater from the low levels reported in 2009. Over this period, the subslab soil vapor also seems to have accumulated significant levels of TCE, far exceeding previously reported levels.

Contaminant levels at the source warrant further action to protect building occupants as well as prevent further migration of contaminants. The areas outside the building are at significantly lower levels and don't appear to warrant immediate action. Given this scenario, a phased course of action, beginning with a subslab soil vapor extraction system to target the source area beneath the slab, followed by soil excavation or groundwater pump and treat system, would be appropriate. This would most likely be the fastest way to achieve the previously established remedial action objectives.

The recommended phases are as follows:

Phase 1: Install and operate a subslab vapor extraction system (SVES) for at least a year as a first step to mitigating VOC levels below the floor in the northwest corner of the building where GW-3 is located. The TCE is probably at saturation levels beneath the slab, and, if so, will dissipate rapidly as the soil vapor is extracted. Initially, a vapor phase carbon drum could be used to treat the soil vapor before discharge to the atmosphere. The carbon drum can be discontinued once the VOC levels drop below allowable discharge limits. Continue to assess groundwater quality at GW-3 and immediate vicinity. During this phase, the subslab soil vapor will be monitored for vacuum levels and VOC concentrations to ensure the SVES is working as expected.

This phase will also include soil vapor intrusion investigation off-site at 24 Anderson Road, within the building that currently houses Davis Electrical Supply Co. The 2007 ISVSA Program indicated the southwest corner of the Davis Electric warehouse to have TCE levels at which the NYSDOH recommends additional monitoring.

Phase 2: In the event the SVES does not significantly lower groundwater VOC levels, consider installing a groundwater extraction and treatment system (GETS) in the source area. The GETS may include a groundwater pumping well by GW-3, and treatment by an air-stripper or carbon adsorption.

E. PROPOSED TASKS

1. Subslab SVES

Installation: The SVES layout and plan are shown on Figures 3 and 4 respectively. The SVES will consist of two (2) soil vapor extraction points (as shown on Figure 3). One extraction point will be located near GW-3 in the old metal prep room at the northwest corner of the building. The other extraction point will be located near borehole BH-9 from the 2006 sampling event (inside the same room). Holes will be cored through the concrete floor to fit a 4" PVC pipe (Sched. 40) and the area below them will be cleared to allow sufficient void space (~ 5 gallon each) for the fan to draw on.

Two (2) collection pipes (3" dia) from the extraction points will be joined together inside the metal prep room and share an electric vacuum pump to draw the vapors, and a carbon drum to remove VOCs. The vapors will be exhausted through the roof near the northwest corner or the north wall (whichever is most efficient). Each extraction point will have a flow control valve, and the combined feed pipe to the fan will have a flow manometer (as shown on Figure 4).

Operation: The SVES will be operated for at least a year as a first step to mitigating VOC levels below the concrete floor in the northwest corner of the building where GW-3 is located. Initially, a vapor phase carbon drum will be used to treat the soil vapor before discharge to the atmosphere. The carbon drum will be discontinued once the VOC levels drop below allowable limits for discharge to the atmosphere.

Monitoring: The SVES performance will be assessed by monitoring vacuum levels on a weekly basis at select soil vapor sampling locations inside the RoCo building. These locations, tentatively shown on Figures 2 and 3, include the soil vapor location (SV-01 on Figure 2) that was sampled by IEG in August 2014. The SVES influent (extracted vapor) and effluent will be

sampled monthly for VOCs following NYSDOH's guidance document for evaluating SVI. When it appears from the periodic monitoring that remediation goals have been met or the system is no longer drawing contamination, at that time the system may be temporarily shut down to sample and analyze the sub-slab soil vapor.

The sub slab soil vapor monitoring/sampling procedure will be as follows:

a. A hole small enough (3/8" diameter) to tightly fit a vacuum measuring/air sampling tube will be drilled through the concrete floor using a hammer drill.
b. The vacuum at the subslab soil vapor location will be measured with a manometer. Once the manometer tubing (¼" diameter) is inserted into the concrete slab, the entrance will be properly sealed with a plastic sleeve before taking a reading.
c. The subslab soil vapor sample will be collected using a ¼" dedicated tubing inserted into the borehole on one end and connected to a dedicated summa canister on the other end. Once the sample tubing is inserted into the concrete slab, the entrance will be properly sealed with a plastic sleeve.
d. Each Summa canister will be pre-evacuated to a minimum 29" Hg vacuum prior to shipment by the laboratory and field checked with a vacuum gage prior to sampling.
e. The subslab soil vapor will be let into the Summa canister at a slow rate (not exceeding 0.2 liters/minute) by opening a valve until the vacuum drops to 0.
f. The valves on the canisters will be shut tight before removing the tubing.
g. All canisters will be dropped off at the analytical laboratory on the day of sampling.

Dedicated, pre-cleaned and evacuated (29" vacuum) Summa Canisters (1-liter capacity) from the analytical laboratory will be used at location to obtain grab samples of the subslab soil vapor and ambient/basement air. All air/vapor samples will be analyzed for VOCs using the USPEA's Method TO-15.

2. Off-Site SVI Investigation

The objective of this subslab soil vapor sampling is to determine if soil vapor intrusion is a concern off-site and if the chlorinated organic plume associated with the RoCo building has adversely impacted the Davis Electric building.

The soil vapor evaluation of the off-site (Davis Electric) facility will be conducted during the coming heating season in accordance with the sampling procedure in the NYSDOH guidance document (Guidance for Evaluating Soil Vapor Intrusion in the State of NY, October 2006). Two (2) subslab vapor locations shown on Figure 2 will be sampled in the southern section of the Davis Electric building along with indoor and outdoor air concurrently. The sampling and analysis will be performed as described under monitoring in Section E-1 above except that the sample collection will extend over a time interval reflecting a typical work day (e.g. 8 hours). A tracer gas check of the subslab sampling points will also be completed. The NYSDEC will be copied on all correspondence with the owner of the Davis Electric facility.

3. Groundwater Monitoring

The same six wells (GW-1 through GW-7, excluding GW-6) that were sampled by IEG in August 2014 will be included in quarterly groundwater monitoring during the course of the operation of the SVES. The sampling frequency for monitoring well GW-3 may be increased (possibly monthly) if necessary to assess SVES performance.
The monitoring wells will be purged and sampled for VOCs. Field measurements during sampling will include pH, specific conductivity, ORP and temperature. The following procedure will be followed for well purging and sampling:

a. Dedicated, clean, soil-free bailers will be used for each well.
b. The water level will be measured and recorded to the nearest 0.01."
c. Well water will be bailed and collected in a 5-gallon pail (emptied into a 30-gal drum as needed) until the turbidity criteria (50 NTU) is met, a minimum of 3 well volumes is evacuated, and/or the well does not recharge. Field parameters (turbidity, pH, specific conductance, ORP) will be measured at the beginning, at 50% of purge volume gallons and before laboratory sampling. Field measurements and observations will be recorded in a field form.
d. At the conclusion of purging, groundwater samples will be collected in 40-ml vials certified clean and provided by the laboratory for analysis. The samples will be labeled and placed in coolers containing ice bags for shipment to the laboratory.
e. A laboratory-provided chain of custody will be completed for the samples and included with the shipment to the laboratory. In the event a local laboratory is utilized, all sample coolers will be properly packed with ice, and dropped off at the laboratory on the day of sampling. In the event an out-of-town laboratory is used, the sample coolers will be properly packed with ice, secured and shipped for overnight delivery.
f. The evacuated well water will be staged in the drums for disposal following receipt of analytical results. A 5-gallon pail with granular activated carbon will be used to filter out organics and particulate from the purge water before draining it into the sewer.

4. QA/QC

The sampling will be conducted in accordance with accepted NYSDEC (May 2010 DER-10) and USEPA guidelines, and all samples will be analyzed as per NYSDEC ASP requirements. The proposed schedule of sampling and analysis and sampling requirements are shown in Table 3. QA/QC samples for groundwater will include a trip blank and a matrix spike/matrix spike duplicate (one per 20 samples). Soil vapor/air samples will include field duplicates (1 per 20 samples).

A NYSDOH ELAP-certified laboratory (Test America) will be utilized for all analysis during the supplemental investigation, remedial construction and long-term monitoring. Category A deliverables will be provided for SVES performance monitoring. Category B deliverables will be provided for all investigation samples and the analytical data will be evaluated according to the Division of Environmental Remediation's (DER) Data Usability Summary Report (DUSR) guidelines.

5. REPORT

A daily/weekly log will be maintained to document field parameters for the SVES. Monthly reports will be developed and provided to the NYSDEC documenting SVES operation and the results of soil vapor and groundwater monitoring. SVES performance assessments will be made at 6-month intervals and appropriate steps will be taken to optimize performance if appropriate.

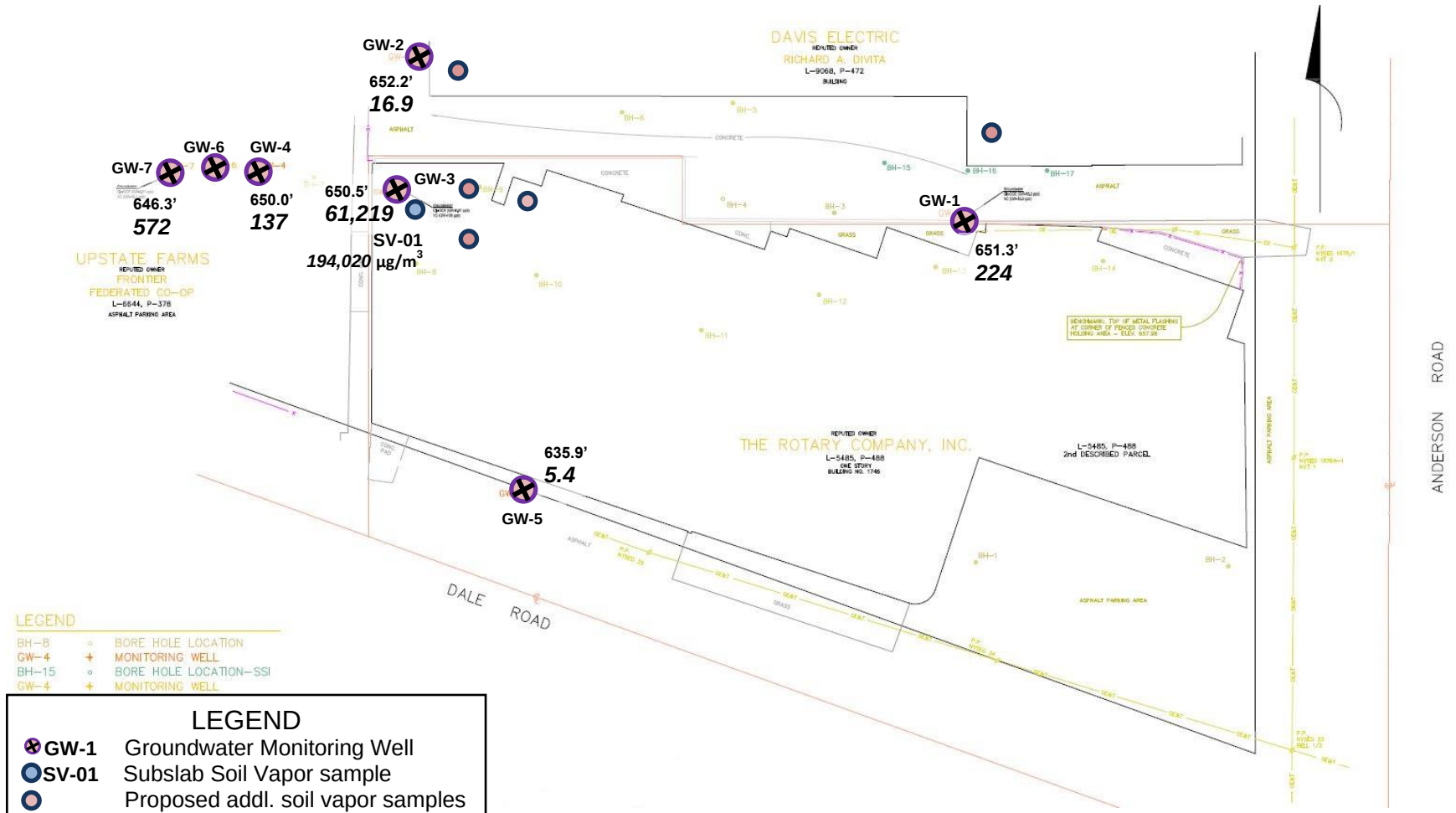
A Site Management Plan will also be prepared if deemed necessary after the SVES assessment period for long term maintenance of the remediation system and/or site monitoring. The SMP will be prepared in accordance with NYSDEC's DER-10 requirements.

FIGURES

RoCo Ltd. Site, 1746 Dale Rd., Cheektowaga, NY
SITE LOCATION MAP & AERIAL PHOTO

FIGURE 1

IEG



LEGEND

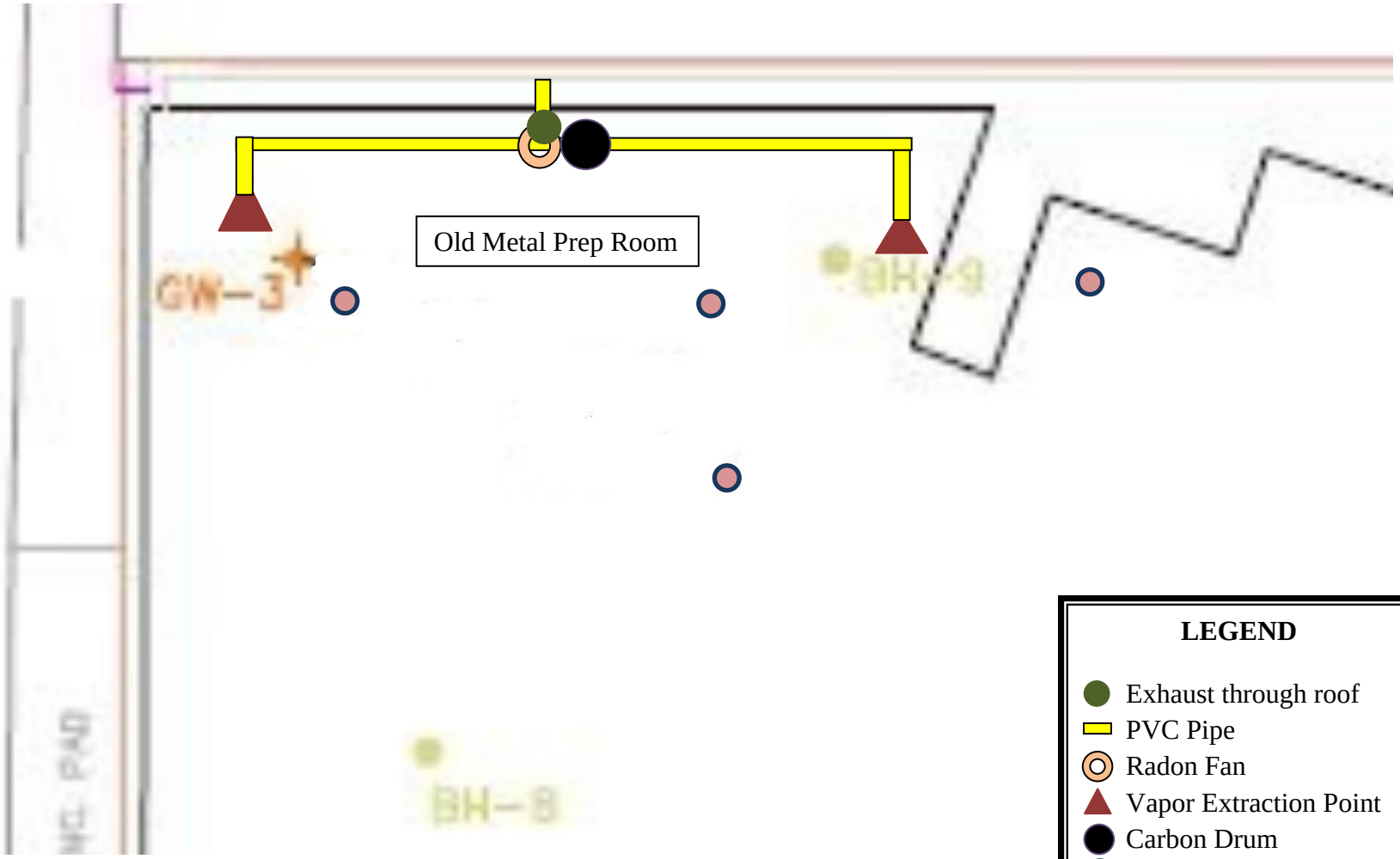
GW-1	Groundwater Monitoring Well
SV-01	Subslab Soil Vapor sample
	Proposed addl. soil vapor samples
651.3'	Groundwater elevation
224	*Total VOCs in GW (µg/L)*
194,020	*Total VOCs in SV (µg/m^3)*

Base Map Source: Site Management Plan, RoCo Ltd. Site (NYSDEC #V00422-9), Leader Professional Services, April 2009

RoCo Ltd. Site, 1746 Dale Rd., Cheektowaga, NY
SITE LAYOUT WITH MONITORING WELL LOCATIONS

FIGURE 2

IEG



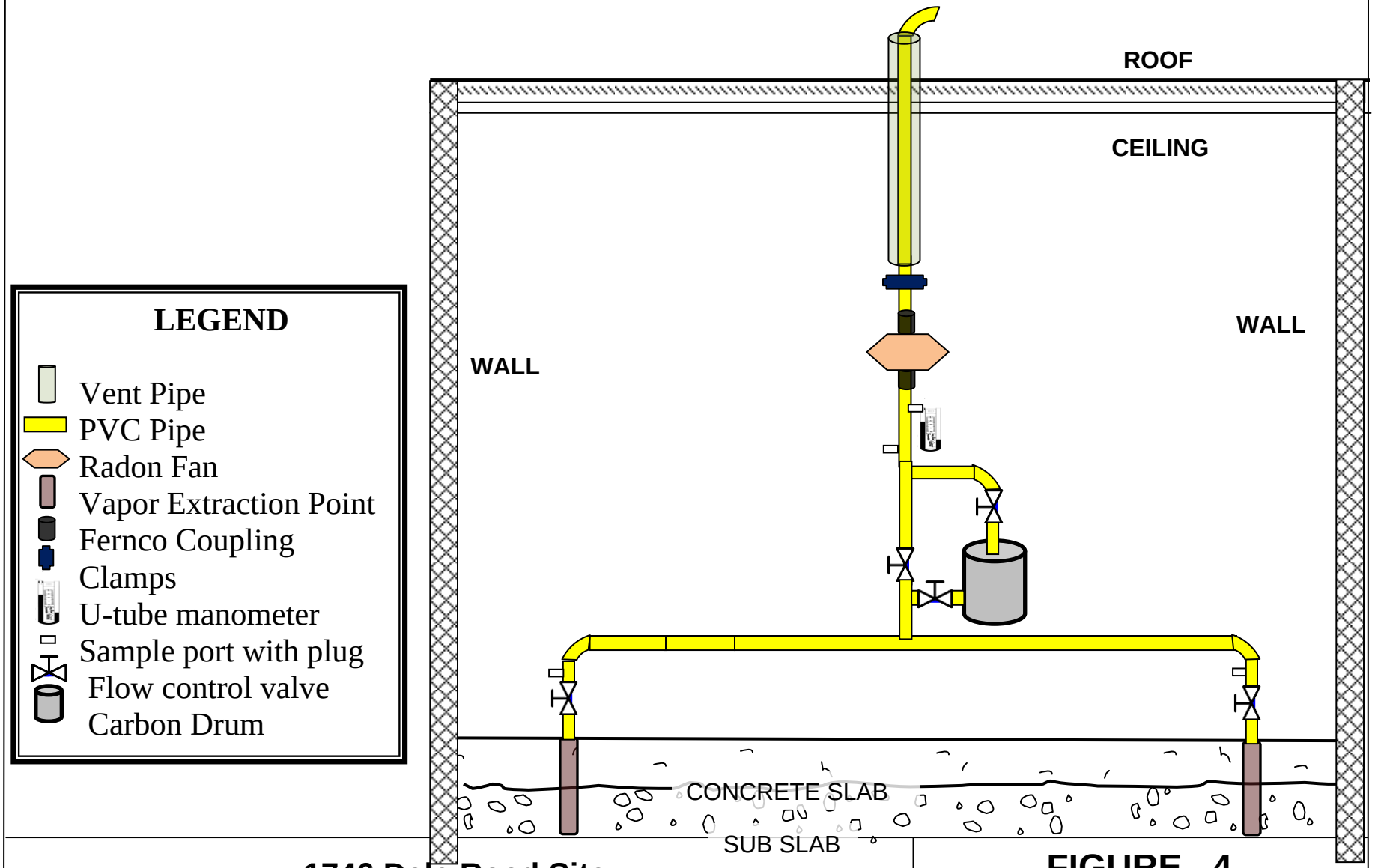
LEGEND

- Exhaust through roof
- PVC Pipe
- Radon Fan
- Vapor Extraction Point
- Carbon Drum
- Proposed Soil Vapor samples

1746 Dale Road Site
SVE SYSTEM LAYOUT

FIGURE 3

IEG



1746 Dale Road Site
SVE SYSTEM SCHEMATIC

FIGURE 4

IEG

TABLES

TABLE 1

1746 ROAD SITE - REMEDIAL ACTION WORK PLAN

2014 GROUNDWATER/SUBSLAB SOIL VAPOR SAMPLING BY IEG

ANALYTICAL/FIELD DATA FOR GROUNDWATER SAMPLES

PROJECT:	ROCO SITE GROUNDWATER I/R			**DATE:**	8/25/14 and 8/26/14		
LOCATION:	1746 DALE ROAD, CHEEKTOWAGA, NY			**ON-SITE:**	R. Allen/D. Iyer (IEG)		
CLIENT:	CASH REALTY			**WEATHER:**	Partly cloudy, warm		
WELL NUMBER	**GW-1**	**GW-2**	**GW-3**	**GW-4**	**GW-5**	**GW-6**	**GW-7**
NORTHING	not available						
EASTING							
WATER LEVEL MEASUREMENTS							
GROUND ELEVATION (ft)	~652.5						
TOR ELEVATION (ft)	652.59	653.88	652.94	653.00	642.57	648.99	650.37
Depth to Bottom from TOR (ft)	13.81	13.67	13.57	12.4	17.46	--	14.35
Depth to Water from TOR (ft)	1.26	1.7	2.44	2.98	6.63	--	4.03
Bottom Elevation (ft. amsl))	638.78	640.21	639.37	640.6	625.11	--	636.02
Water Elevation (ft. amsl))	651.33	652.18	650.5	650.02	635.94	--	646.34
Length of Water Column (ft)	12.6	12.0	11.1	9.4	10.8	--	10.3
One Well Volume (gal)	2.0	2.0	1.8	1.5	1.8	--	1.7
Three Well Volumes (gal)	6.1	5.9	5.4	4.6	5.3	--	5.0
FIELD PARAMTERS: INITIAL (8/25/14) / FINAL (8/26/14)							
TURBIDITY (ntu)	12	16	28	26	14	--	75
	8	10	38	21	85	--	10
TEMPERATURE (^{o}F)	24.7	23.3	21.5	25.5	25.7	--	22.9
	24.9	22.3	17.7	26.3	25.2	--	22.4
pH (s.u.)	7.91	7.87	7.25	7.37	7.62	--	8.14
	7.73	7.91	7.21	7.19	7.79	--	7.81
Sp. Conductivity (µmhos/cm)	867	2979	1811	>3999	637	--	1972
	845	3105	3512	>3999	680	--	2915
TDS (mg/L)	438	1491	903	>2000	318	--	996
	422	1553	1749	>2000	340	--	1453
ORP (mv)	44	59	-57	-111	62	--	55
	54	74	-56	-129	25	--	9
REMARKS: Some wells had broken riser and/or damaged casing/cover							
NOTE: 2" riser: one well volume in gallons = **0.163** **x Length of Water Column in feet**							
ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS (µg/L)							
Acetone	ND	ND	66.0	6.5 J	ND	NA	ND
2-Butanone	ND	ND	64.0	ND	ND		ND
1,1-Dichloroethene	1.0	ND	38.0	ND	ND		1.8 J
Carbon disulfide	ND	ND	0.84 J	ND	ND		ND
Chloroform	ND	ND	ND	ND	0.41 J		ND
cis-1,2-Dichloroethene	190	9.9	34000	100.0	2.8		330
trans-1,2-Dichloroethene	1.9	ND	40.0	4.4	ND		ND
Tetrachloroethene	ND	ND	ND	ND	ND		ND
Toluene	ND	ND	ND	ND	ND		ND
Trichloroethene	3.3	2.3	10.0	8.2	2.2		ND
Vinyl chloride	28.0	4.7	27000	18.0	ND		240
Total VOCs	224	16.9	61219	137	5.4		572
NOTE: Only detected organics are listed; ND = Not Detected; NA = Not Analyzed; J = Estimated below MDL							

TABLE 2

1746 DALE ROAD SITE - REMEDIAL ACTION WORK PLAN

2014 GROUNDWATER/SOIL VAPOR SAMPLING BY IEG

ANALYTICAL DATA FOR SUBSLAB SOIL VAPOR SAMPLES

PROJECT:	**ROCO SITE GROUNDWATER I/R**	**DATE:**	**8/25/2014**
LOCATION:	**1746 DALE ROAD, CHEEKTOWAGA, NY**	**ON-SITE:**	**R. Allen/D. Iyer (IEG)**
CLIENT:	**CASH REALTY**	**WEATHER:**	**Partly cloudy, warm**

SAMPLE ID	**SV-01 (near monitoring well GW-3)**	
ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS		
UNITS	**(ppb v/v)**	**($\mu g/m^3$)**
Acetone	ND	ND
2-Butanone	ND	ND
1,1-Dichloroethene	200 J	800 J
Carbon disulfide	ND	ND
Chloroform	ND	ND
cis-1,2-Dichloroethene	590	2300
trans-1,2-Dichloroethene	ND	ND
Tetrachloroethene	100 J	710 J
Toluene	56 J	210 J
Trichloroethene	35000.0	190000
Vinyl chloride	ND	ND
Total VOCs	35946	194020

NOTE: Only detected organics are listed; ND = Not Detected; J = Estimated below MDL

TABLE 3

1746 DALE ROAD SITE - REMEDIAL ACTION WORK PLAN

A. PROPOSED SAMPLING AND ANALYSIS

ANALYTICAL PARAMETER	ANALYTICAL METHOD	GROUNDWATER SAMPLES PER EVENT			SUBSLAB SOIL VAPOR/ AMBIENT AIR SAMPLES PER EVENT	
		# OF SAMPLES PER EVENT	MS/MSD (1 in 20)	TRIP BLANK	# OF SAMPLES PER EVENT	FIELD DUPLICATE (1 in 20)
TCL Volatile Organics (VOCs)	8260/ TO-15	6	2	1	6	1

B. HOLDING TIMES AND CONTAINERS FOR SAMPLING/ANALYSIS

ANALYTICAL PARAMETER	SAMPLE HOLDING TIME	GROUNDWATER (GW)			SUBSLAB SOIL VAPOR	
		TOTAL # of SAMPLES, incl. QC	CONTAINER TYPE/ # per sample	TOTAL # of CONTAINERS	TOTAL # of SAMPLES, incl. QC	CONTAINER TYPE/ # per sample
TCL Volatile Organics (VOCs)	14 days	9	40-ml GLASS: (x 2 each) HCl preserv.	18	7	1-L SUMMA CANISTER (x1 each)

ATTACHMENT A

SELECTED FIGURES/TABLES FROM PREVIOUS REPORTS

Panamerican
Environmental, Inc.

2390 Clinton St.
Buffalo, NY 14227

Ph: (716) 821-1650
Fax: (716) 821-1607

ATTACHMENT A-1

PHASE II

SUBSURFACE ENVIRONMENTAL ASSESSMENT

THE ROTARY COMPANY, INC.

1746 DALE ROAD, CHEEKTOWAGA,

ERIE COUNTY, NEW YORK

Prepared for:

Upstate Milk Cooperatives, Inc.
and
Harter, Secrest & Emery
700 Midtown Tower
Rochester, New York 14604

Attention:

Mr. Paul Sylvestri

Prepared by:

Panamerican Environmental, Inc.

October 1999

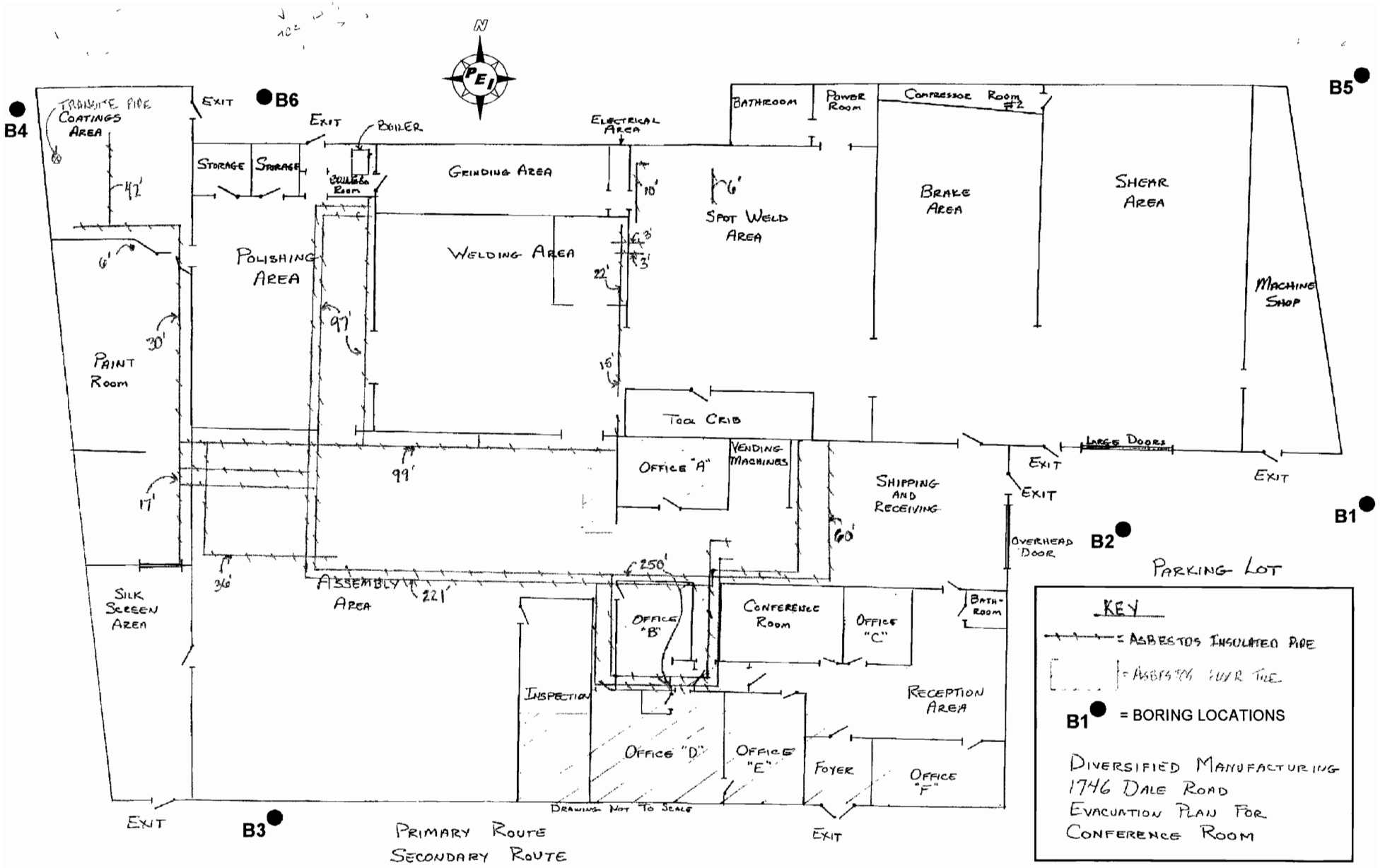


Figure 1-2. Facility Layout, Location of Potential Asbestos, and Approximate Locations of Borings.

Table 3-1 continued

Location	Sample Description	Analyte	Result (mg/kg)	TAGM 4046 Soil Cleanup Value (mg/kg)	Eastern USA Background (mg/kg)
B4-SS-1-7	1-7' - Sand and gravel to dark grayish brown and black silty sand to brown and reddish brown silty clay. Oily sheen at 3-3.5 feet and chemical solvent odor at 6.5 feet	Arsenic	ND	7.5 or SB	3.0-12.0
		Barium	26.0	300 or SB	15-600
		Cadmium	ND	1 or SB	0.1-1
		Chromium	6.82	10 or SB	1.5-40
		Lead	6.33	SB	200-500
		Mercury	ND	.1	.001-0.2
		Selenium	ND	2 or SB	0.1-3.9
		Silver	ND	SB	N/A
		Aroclor 1260	ND	10	N/A
		Methylene chloride	0.048 B	0.1	NA
		1,1-Dichloroethene	0.021 J	0.4	
		Trans-1,2-Dichloroethene	0.021 J	0.3	NA
		Chloroform	0.061	0.3	NA
		Trichloroethene	257.00 D	0.7	NA
		1,1,2-Trichloroethane	0.010 J	0.8	NA
		Tetrachloroethene	0.020 J	1.4	NA

B4-SS-1-7 Boring 4 soil sample from 1-7 feet SB -Site Background B - Analyte found in blank D - Secondary dilution factor
MD - Method Detection J - Result estimated below detection limit ND - Not Dectected Shaded - Result above TAGM 4046

Table 3-1 continued

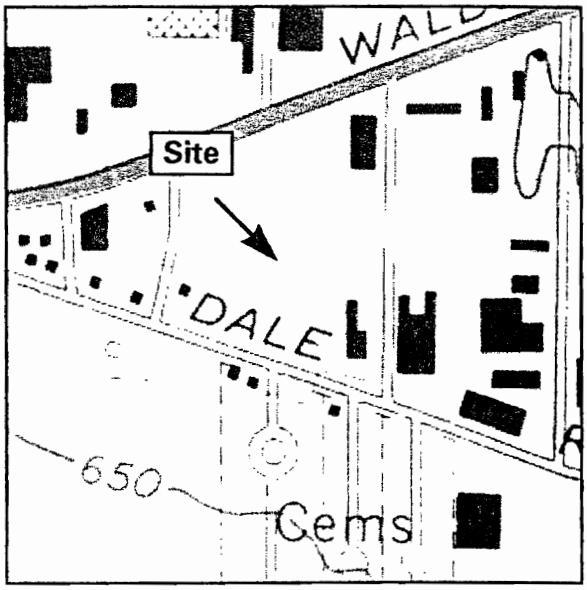
Location	Sample Description	Analyte	Result (mg/kg)	TAGM 4046 Soil Cleanup Value (mg/kg)	Eastern USA Background (mg/kg)
B6-SS-1-7	1-7' - Dark brown and grayish black sandy silt and silty sand to brown and reddish brown silty clay. **Oily sheen at** 2-3 feet and chemical solvent odor at 4-6.5 feet	Arsenic	1.84	7.5 or SB	3.0-12.0
		Barium	49.6	300 or SB	15-600
		Cadmium	ND	1 or SB	0.1-1
		Chromium	7.63	10 or SB	1.5-40
		Lead	16.4	SB	200-500
		Mercury	0.028	.1	.001-0.2
		Selenium	ND	2 or SB	0.1-3.9
		Silver	ND	SB	N/A
		Aroclor 1260	ND	10	N/A
		Vinyl chloride	**0.507**	0.2	NA
		Methylene chloride	0.045 B	0.1	NA
		Trans-1,2-Dichloroethene	0.057 J	0.3	NA
		Chloroform	0.058	0.3	NA
		Trichloroethene	**14.00 D**	0.7	NA
		Toluene	0.614	1.5	NA
		Ethylbenzene	0.016 J	5.5	NA
		m,p-Xylene	0.042	1.2	NA
		0-Xylene	0.016 J	1.2	NA

B6-SS-1-7 Boring 6 soil sample from 1-7 feet SB -Site Background B - Analyte found in blank D - Secondary dilution factor
MD - Method Detection J - Result estimated below detection limit ND - Not Dectected Shaded - Result above TAGM 4046

ATTACHMENT A-2

PHASE II ENVIRONMENTAL SITE ASSESSMENT

Upstate Farms Cooperative, Inc.
1730 Dale Road and
90 Anderson Road
Town of Cheektowaga
Erie County, New York

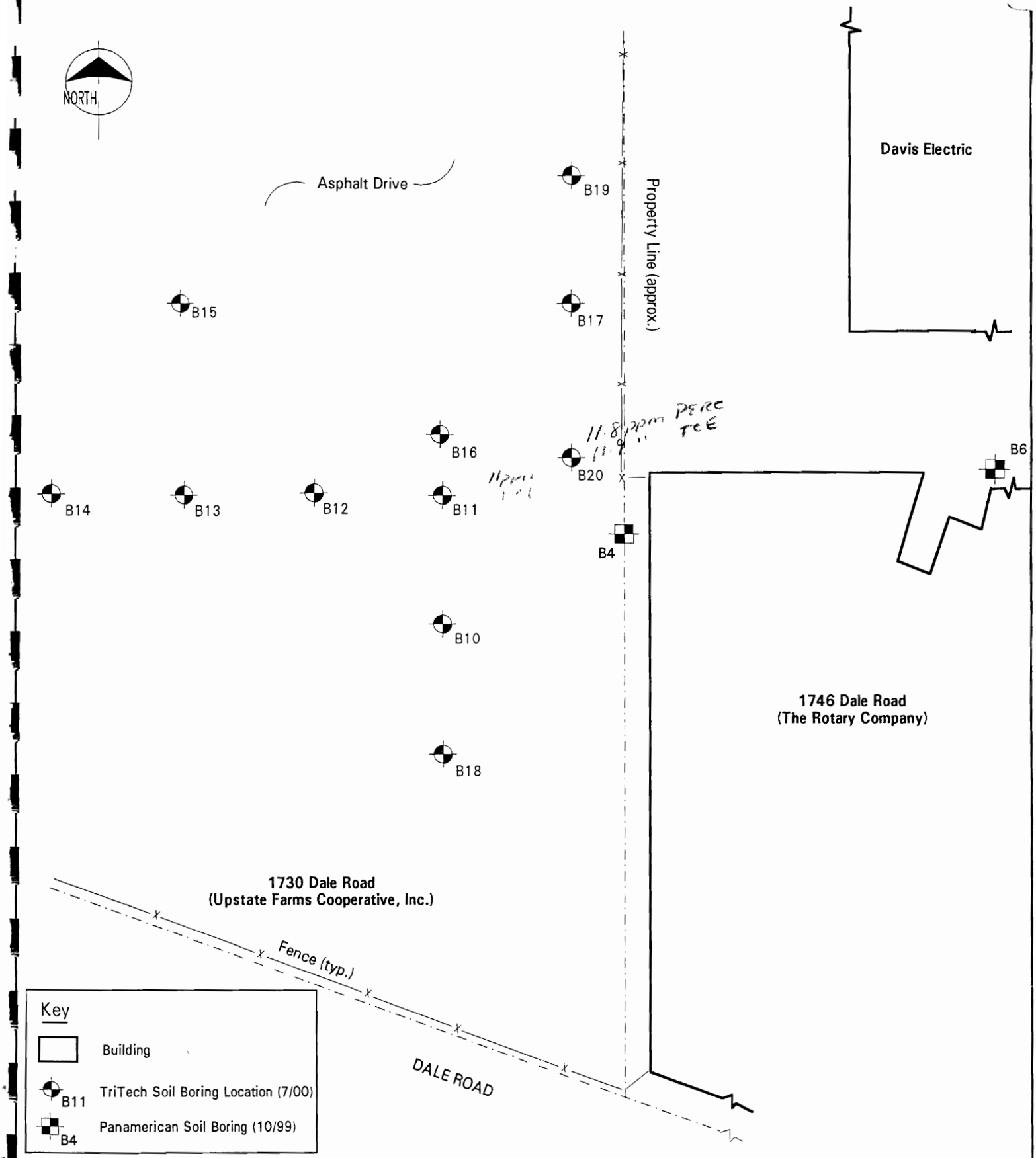


Prepared for:

Upstate Farms Cooperative, Inc.
7115 West Main Street
LeRoy, New York 14482

TriTech
Environmental Health and Safety, Inc.

July 2000



TriTech Environmental Health and Safety, Inc. 1100 University Ave. Rochester, New York 14607	**Figure 2** Soil Boring Locations Southeast Portion of Site 1730 Dale Road, Buffalo, New York	**Date:** July 2000 **Scale:** 1"=20' **Drawn by:** TJR **Project No.:** 0057

ATTACHMENT A-3

VOLUNTARY CLEANUP PROGRAM SITE INVESTIGATION/REMEDIAL ALTERNATIVES REPORT

ROCO, LTD SITE
1746 DALE ROAD
CHEEKTOWAGA, NEW YORK

Prepared For:

Jaeckle, Fleischmann & Mugel, LLP
Attorneys at Law
Fleet Bank Building
Twelve Fountain Plaza
Buffalo, New York

March 11, 2002

Prepared By:

LEADER PROFESSIONAL SERVICES, INC.
2300 Wehrle Drive
Williamsville, New York 14221
716-565-0963

147.007

DRAFT

Table 1 Previous Studies - Soil Analysis

RoCo, Ltd 1746 Dale Road, Cheektowaga, New York

VOC Compounds Detected in Soil Samples (ppb)	Tetrachloroethene (PCE)	Trichloroethene (TCE)	Cis-1,2-Dichloroethene	Vinyl Chloride		1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene
TAGM 4046 Soil Cleanup Objectives (ppb)	**1,400**	**700**	**No Value**	**200**		**200**	**100**	**400**
Panamerican Phase II ESA								
Boring 4 (NW corner of RoCo Site)								
1'-7'		257,000	0	0				
Boring 6 (NW corner of RoCo Site)								
1'-7'		14,000	0	0				
FTA Phase II ESA								
Boring 5A (Davis Electric Driveway)								
2'-4'		260	0	0		0	0	0
4'-6'		43	14	0		0	0	0
6'-8'		2,100	160	24		2,100	150	330
8'-10'		17	8	0		2,100	110	0
10'-12'		45*	22*	0*		5,600*	293*	0*
Boring 6A (Davis Electric Driveway)								
2'-4'		18	0					
4'-6'		2,800	1,400					
6'-8'		15,000	6,200					
8'-10'		160,000	5,300					
10'-12'		68,692*	2,242*					
Boring 7A (Davis Electric Driveway)								
2'-4'		14	0					
4'-6'		15,000	0					
6'-8'		18,000	0					
8'-10'		34,000	3,000					
10'-12'		4,782*	421*					
Boring 8A (Davis Electric Driveway)								
2'-4'	3,500	5,600	0	0				
4'-6'	0	25,000	2,200	0				
6'-8'	0	57,000	6,100	0				
8'-10'	0	14	18	39				
10'-12'	0*	1.2*	1.5*	3.3*				
Boring 4A (Davis Electric Driveway)								
2'-4'	32	75	6					
4'-6'	130,000	33,000	0					
6'-8'	73,000	240,000	8,100					
8'-10'	4,900	48,000	4,100					
10'-12'	4,456*	43,636*	3,727*					
Boring 9A (Davis Electric Driveway)								
2'-4'	0	6	0					
4'-6'	22	1,200	14					
6'-8'	0	0	6					
8'-10'	0	0	0					
10'-12'	0*	0*	0*					
Phase II ESA Upstate Farms Cooperative, Inc.								
BH-10								
7.5'-8'	ND<9.34	ND<9.34	ND<9.34					
BH-11								
6'-8'	4,000	11,100	218					
9'-10'	69	150	56					
10'-12'	593	2,170	ND<20.1					
13'-14.5'	165	2,000	117					
BH-13								
6'-8'	ND<25	243	1,110					
8'-10'	ND<8.07	ND<8.07	490					
10'-12'	ND<22.2	ND<22.2	977					
12'-15'	ND<8.96	28	18					
BH-14								
8'-10'	ND<7.48	ND<7.48	ND<7.48					
10'-12'	ND<10.4	ND<10.4	ND<10.4					
BH-15								
6'-8'	ND<10.3	356	61					
8'-10'	ND<10.7	143	76					
BH-16								
6'-8'	10	140	ND<9.21					
8'-10'	ND<6.24	36	ND<6.24					
BH-17								
8'-10'	ND<7.77	25	ND<7.77					
BH-18								
8'-10'	ND<7.13	ND<7.13	ND<7.13					
BH-19								
8'-11'	ND<5.53	ND<5.53	ND<5.53					
BH-20								
4'-6'	11,800	7,610	254					
6'-8'	9,400	11,900	366					
8'-10'	1,340	473	99					
10'-12'	867	361	149					
12'-14'	377	225	85					
18'-20'	38	856	346					

NOTES:
1) Concentrations are in µg/kg, or ppb.
2) ND (Non-Detect)
3) Shaded areas indicate an exceedence of applicable standards.
* Based on ratio of the photoionization detector measurements

TABLE 2 GROUNDWATER ELEVATIONS

RoCo, Ltd. 1746 Dale Road, Cheektowaga, New York

	NOVEMBER 8, 2001				
	GW-1	GW-2	GW-3	GW-4	GW-5
Depth to Groundwater (ft.)	1.13	1.20	2.44	3.08	9.83
Monitoring Point Elevation (ft.)	655.79	656.92	658.34	658.40	659.51
Groundwater Elevation (ft.)	654.66	655.72	655.90	655.32	649.68

Notes:

Monitoring point elevations shown refer to NAVD 88.

TABLE 3 SOIL ANALYSIS FOR VOLATILE ORGANIC COMPOUNDS

RoCo, Ltd. 1746 Dale Road, Cheektowaga, New York

VOLATILE ORGANIC COMPOUNDS	BH-1 (8'-10')	BH-2 (8'-10')	BH-3 (8'-10')	BH-4 (0'-2')	BH-4 (8'-10')	BH-5 (8'-10')	BH-6 (8'-10')	BH-7 (6'-8')	BH-7 (8'-10')	BH-8 (8'-10')	BH-9 (6'-8')	BH-10 (8'-10')	BH-11 (8'-10')	BH-12 (8'-10')	BH-13 (8'-10')	BH-14 (8'-10')	GW-1 (8'-10')	GW-2 (8'-10')	GW-3 (2'-4')	GW-3 (6'-8')	GW-3 (10'-12')	GW-3 (16'-18')	GW-4 (6'-8')	GW-5 (8'-10')	NYSDEC Soil Cleanup Objectives
Sample Collection Date:	10/25/01	10/25/01	10/25/01	10/25/01	10/25/01	10/25/01	10/25/01	10/25/01	10/25/01	11/02/01	11/02/01	11/02/01	11/02/01	11/02/01	11/02/01	11/02/01	11/01/01	11/01/01	11/02/01	11/02/01	11/02/01	11/02/01	11/01/01	11/01/01	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Bromodichloromethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Bromomethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Bromoform	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Carbon tetrachloride	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	12.4	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	600
Chloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,900
Chloromethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
2-Chloroethyl vinyl ether	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Chloroform	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	300
Dibromochloromethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
1,1-Dichloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	200
1,2-Dichloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	100
1,1-Dichloroethene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	400
cis-1,2-Dichloroethene	18.8	ND<11.0	73.7	19.2	17.6	29.1	545	592	325	ND<9.86	127	16.6	12.8	ND<8.51	423	107	76.4	ND<8.40	ND<112	ND<187	ND<147	53.6	ND<84.6	ND<9.13	NA
trans-1,2-Dichloroethene	ND<8.91	ND<11.0	ND<10.2	12.7	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	300
1,2-Dichloropropane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
cis-1,3-Dichloropropene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
trans-1,3-Dichloropropene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Methylene chloride	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<9.24	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	100
1,1,2,2-Tetrachloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	600
Tetrachloroethene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	3,990	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,400
1,1,1-Trichloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	800
1,1,2-Trichloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Trichloroethene	118	ND<11.0	18.1	ND<8.48	25.1	189	ND<254	10,900	2,130	65.8	1,150	89.9	116	67.5	1,440	628	82.0	ND<8.40	2,310	16,800	2,270	90.0	681	12.7	700
Vinyl Chloride	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	200
Benzene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	60
Chlorobenzene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,700
Ethylbenzene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	14.40	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	5,500
Toluene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	10,200	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	23.8	ND<8.51	ND<22.6	ND<11.0	46.40	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,500
m,p, - xylene	ND<8.91	ND<11.0	20.4	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	11.1	ND<21.4	ND<10.1	23.6	ND<8.51	ND<22.6	ND<11.0	42.00	ND<8.40	ND<112	ND<187	ND<147	ND<8 02	ND<84.6	ND<9.13	1,200
o-xylene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	15.30	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,200
Styrene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Acetone	ND<44.5	ND<55.2	ND<50.9	ND<42.4	ND<45.2	ND<52.5	ND<1,270	ND<1,380	ND<269	ND<49.3	ND<107	ND<50.3	ND<46.2	ND<42.6	ND<113	ND<55.0	ND<39.4	ND<42.0	ND<558	ND<934	ND<735	ND<40.1	ND<423	ND<45.6	200
Vinyl acetate	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<23.1	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	NA
2-Butanone	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<23.1	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	300
4-Methyl-2-pentanone	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<23.1	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	1,000
2-Hexanone	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<23.1	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	NA
Carbon disulfide	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<23.1	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	2,700

Notes:

1) Concentrations are in µg/kg, or ppb.
2) ND (Non-Detected above laboratory detection limit)
3) NA (Not Available)
4) NYSDEC Soil cleanup objectives were obtained from the NYSDEC TAGM #4046, dated December 2000.
5) Shaded areas indicate analyte detection; darker shaded areas indicate an exceedence of applicable NYSDEC Soil Cleanup Objectives.

TABLE 8 GROUNDWATER ANALYSIS FOR VOLATILE ORGANIC COMPOUNDS
RoCo, Ltd. 1746 Dale Road, Cheektowaga, New York

VOLATILE ORGANIC COMPOUNDS	GW-1	GW-2	GW-3	GW-4	GW-5	NYSDEC Groundwater Standards
Sample Collection Date:	11/09/01	11/09/01	11/09/01	11/09/01	11/09/01	
Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Bromodichloromethane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	NA
Bromomethane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	NA
Bromoform	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	NA
Carbon tetrachloride	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
Chloroethane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	50.0
Chloromethane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	NA
2-Chloroethyl vinyl ether	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	NA
Chloroform	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	7.0
Dibromochloromethane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	50.0
1,1-Dichloroethane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
1,2-Dichloroethane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
1,1-Dichloroethene	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
cis-1,2-Dichloroethene	481	14.1	4,860	4,280	10.6	5.0
trans-1,2-Dichloroethene	5.42	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
1,2-Dichloropropane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	NA
cis-1,3-Dichloropropene	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	NA
trans-1,3-Dichloropropene	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	NA
Methylene chloride	ND<12.5	ND<5.00	ND<2,500	ND<500	ND<5.00	5.0
1,1,2,2-Tetrachloroethane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
Tetrachloroethene	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
1,1,1-Trichloroethane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
1,1,2-Trichloroethane	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	NA
Trichloroethene	7.09	88.1	71,600	8,230	ND<2.00	5.0
Vinyl Chloride	291	ND<2.00	ND<1,000	707	ND<2.00	2.0
Benzene	ND<5.00	ND<2.00	ND<1,000	ND<200	7.66	0.70
Chlorobenzene	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
Ethylbenzene	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
Toluene	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
m,p, - xylene	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
o-xylene	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	5.0
Styrene	ND<5.00	ND<2.00	ND<1,000	ND<200	ND<2.00	NA
Acetone	ND<25.00	ND<10.0	ND<5,000	ND<1,000	ND<10.00	50.0
Vinyl acetate	ND<12.50	ND<5.00	ND<2,500	ND<500	ND<5.00	NA
2-Butanone	ND<12.50	ND<5.00	ND<2,500	ND<500	ND<5.00	50.0
4-Methyl-2-pentanone	ND<12.50	ND<5.00	ND<2,500	ND<500	ND<5.00	50.0
2-Hexanone	ND<12.50	ND<5.00	ND<2,500	ND<500	ND<5.00	NA
Carbon disulfide	ND<12.50	ND<5.00	ND<2,500	ND<500	ND<5.00	50.0

Notes:

1) Concentrations are in µg/l, or ppb.
2) ND (Non-Detected above laboratory detection limit)
3) NA (Not Available)
4) NYSDEC Groundwater Quality Standards were obtained from the NYSDEC NYCRR Part 703.5 - Table 1 Groundwater Standards/Criteria, dated August 1999.
5) Darker shaded areas indicate an exceedence of applicable standards.

REPUTED OWNER
RICHARD A. DIVITA
L-9068, P-472
BUILDING

GW-2
RIM 656.92

BH-5
GROUND ELEV. 656.15

BH-6
GROUND ELEV. 656.44

ASPHALT

CONCRETE

106.20' DEED

44.70'

13.25'

10.15'

5.80'

27.35'

2.40'

4.50'

10.0'

23' DEED

GW-4
RIM 658.40

BH-7
GROUND ELEV. 657.85

GW-3
RIM 658.34

BH-9
GROUND ELEV. 658.30

BH-4
GROUND ELEV. 656.12

BH-3
GROUND ELEV. 656.00

GW-1
RIM 655.79

239.40' DEED ADDITION

90' DEED

ASPHALT

149.40' DEED

P.P.
NYSEG 137671
#17 2

REPUTED OWNER
FRONTIER
FEDERATED CO-OP
L-6644, P-378

EDGE OF PAVEMENT

CONC PAD

88.20'

BH-8
GROUND ELEV. 658.20

BH-10
GROUND ELEV. 658.31

51.25'

CONC

5.80'

8.35'

2.93'

31.15'

GRASS

11.10'

29.40'

GRASS

2.93'

9.0'

3.30'

39.50'

4.90'

GRASS

CONCRETE

BH-13
GROUND ELEV. 658.06

BH-14
GROUND ELEV. 658.08

52.35'

BENCHMARK: TOP OF METAL FLASHING AT CORNER OF FENCED CONCRETE HOLDING AREA – ELEV. 657.98

17.10'

6.05'

ASPHALT PARKING AREA

123.71' DEED

L-5485, P-488
1st DESCRIBED PARCEL

BH-12
GROUND ELEV. 658.11

BH-11
GROUND ELEV. 658.12

ONE STORY
BUILDING NO. 1746

REPUTED OWNER
THE ROTARY COMPANY, INC.
L-5485, P-488

161.84' DEED

L-5485, P-488
2nd DESCRIBED PARCEL

69.20'

ASPHALT PARKING AREA

P.P.
NYSEG 137671
#17 1

P.P.
NYSEG 137671
#17 3

95.70'

47.10'

113.45'

GW-5
RIM 659.51

ASPHALT

1.20'

0.35'

0.75'

77.75'

BH-1
GROUND ELEV. 657.30

BH-2
GROUND ELEV. 656.83

11.4'

ASPHALT PARKING AREA

GRASS

P.P.
NYSEG 137671
#17 4

220.50' DEED

℄ DALE ROAD (66.0' WIDE)

177.98' DEED

365.77' DEED

ADDITION

(FORMERLY WALDEN AVENUE)

187.79' DEED

ANDERSON ROAD (VARYING WIDTHS) (FORMERLY GOOD ROAD)

(FORMERLY 100.0' WIDE PRIVATE ROAD)

NORTH

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
x	CHAIN LINK FENCE
Ø P.P.	POWER POLE
● GW-1	MONITORING WELL
○ BH-1	BORE HOLE LOCATION

NOTE:

1) ELEVATIONS SHOWN REFER TO NAVD 88

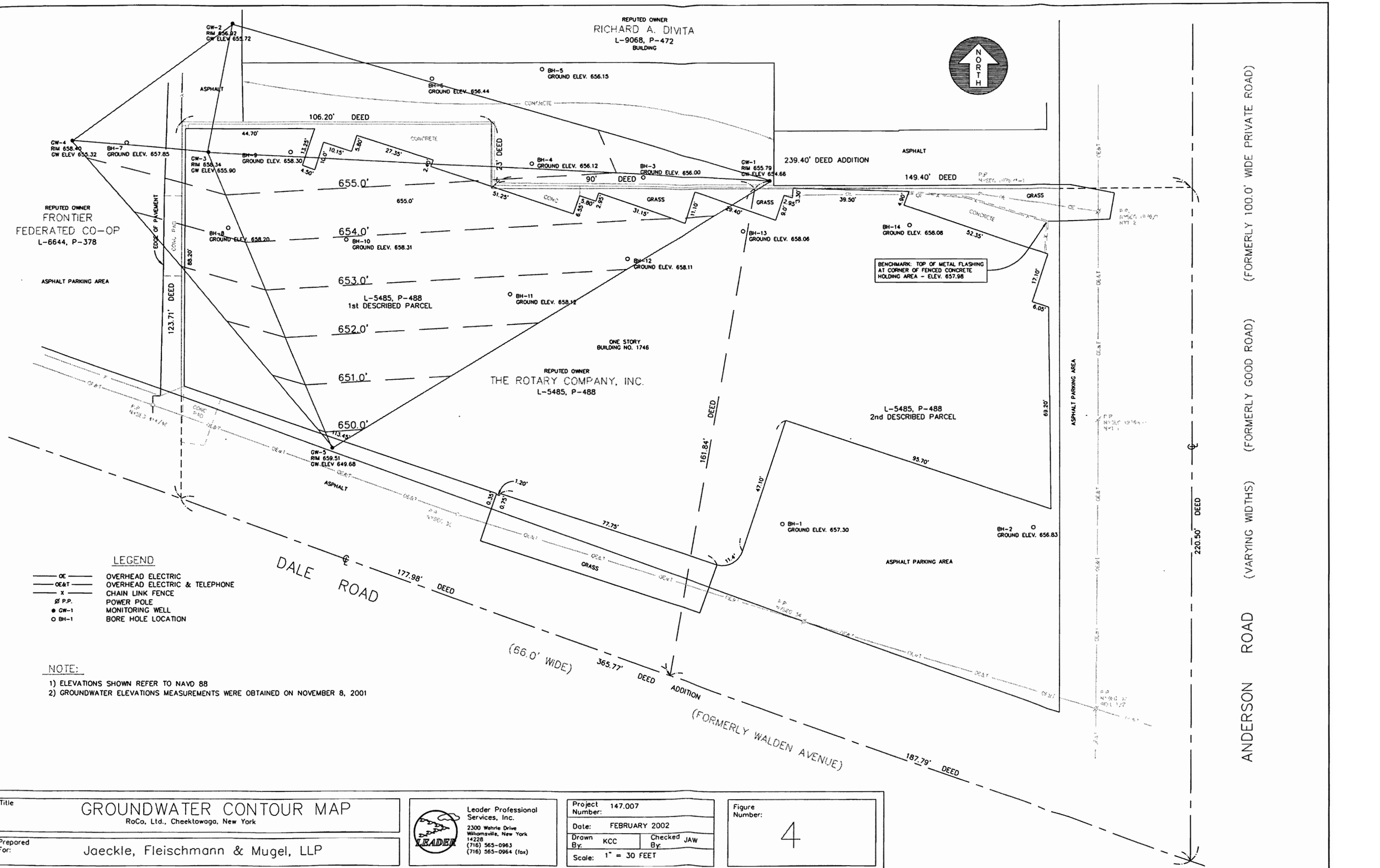
Title
SITE PLAN
RoCo, Ltd., Cheektowaga, New York

Prepared For: Jaeckle, Fleischmann & Mugel, LLP

Leader Professional Services, Inc.
2300 Wehrle Drive
Williamsville, New York
14228
(716) 565-0963
(716) 565-0964 (fax)

Project Number: 147.007
Date: FEBRUARY 2002
Drawn By: KCC
Checked By: JAW
Scale: 1" = 30 FEET

Figure Number: 3



NOTE:

1) ELEVATIONS SHOWN REFER TO NAVD 88
2) GROUNDWATER ELEVATIONS MEASUREMENTS WERE OBTAINED ON NOVEMBER 8, 2001

Title	GROUNDWATER CONTOUR MAP RoCo, Ltd., Cheektowaga, New York
Prepared For:	Jaeckle, Fleischmann & Mugel, LLP

Leader Professional Services, Inc.
2300 Wehrle Drive
Williamsville, New York
14228
(716) 565-0963
(716) 565-0964 (fax)

Project Number:	147.007	
Date:	FEBRUARY 2002	
Drawn By:	KCC	Checked By: JAW
Scale:	1" = 30 FEET	

Figure Number: 4

GW-2
GW
TCE 88.1 PPB

REPUTED OWNER
RICHARD A. DIVITA
L-9068, P-472
BUILDING

SOIL(8'-10')
Toluene 10,200 PPB

BH-6
BH-5

NORTH

SOIL(6'-8')
PCE 3,990 PPB
TCE 10,900 PPB
SOIL(8'-10')
TCE 2,130 PPB

ASPHALT

SOIL(6'-8')
TCE 1,150 PPB

106.20' DEED

CONCRETE

GW-4
GW
TCE 8,230 PPB
Vinyl chloride 707 PPB

BH-7

44.70'

GW-3
GW
TCE 71,600 PPB
SOIL(2'-4')
TCE 2,310 PPB
SOIL (6'-8')
TCE 16,800 PPB
SOIL (10'-12')
TCE 2,270 PPB

BH-9

13.25' 4.50' 10.0' 10.15' 5.80' 27.35' 2.40'

23' DEED

BH-4

TCE
Vinyl chloride
Trans-1,2-DCE

GW
7.09 PPB
291 PPB
5.42 PPB

BH-3

90' DEED

GW-1

ASPHALT

149.40' DEED

P.P. NYSEG 1976/-1

REPUTED OWNER
FRONTIER
FEDERATED CO-OP
L-6644, P-378

EDGE OF PAVEMENT

CONC. PAD

88.20'

51.25' CONC. 8.55' 5.80' 2.93' GRASS 31.15' 11.10' 29.40' GRASS 9.0' 2.95' 3.30' 39.50' 4.90' GRASS

CONCRETE

52.35'

BH-8
BH-10
BH-12
BH-13
BH-14

SOIL(8'-10')
TCE 1,440 PPB

ASPHALT PARKING AREA

123.71' DEED

L-5485, P-488
1st DESCRIBED PARCEL

BH-11

BENCHMARK: TOP OF METAL FLASHING AT CORNER OF FENCED CONCRETE HOLDING AREA - ELEV. 657.98

17.10' 6.05'

ONE STORY
BUILDING NO. 1746

REPUTED OWNER
THE ROTARY COMPANY, INC.
L-5485, P-488

DEED

161.84'

L-5485, P-488
2nd DESCRIBED PARCEL

69.20'

ASPHALT PARKING AREA

113.45'
GW-5
GW
Benzene 7.66 PPB

1.20' 0.35' 0.75' 77.75' 11.4' 47.10' 93.70'

ASPHALT

GRASS

BH-1
BH-2

ASPHALT PARKING AREA

220.50' DEED

P.P. NYSEG 1976/-1

P.P. NYSEG 1976/-1 PEELE 1/2

P.P. PANEL 34

ANDERSON ROAD (VARYING WIDTHS) (FORMERLY GOOD ROAD)

(FORMERLY 100.0' WIDE PRIVATE ROAD)

℄ DALE ROAD (66.0' WIDE)

177.98' DEED

365.77' DEED

ADDITION (FORMERLY WALDEN AVENUE)

187.79' DEED

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
x	CHAIN LINK FENCE
Ø P.P.	POWER POLE
• GW-1	MONITORING WELL
o BH-1	BORE HOLE LOCATION

NOTE:

1) ONLY CONCENTRATIONS OF ANALYTES ABOVE APPLICABLE STANDARDS OR GDUIDANCE VALUES ARE SHOWN.

Title	SOIL & GROUNDWATER CONCENTRATION MAP RoCo, Ltd., Cheektowaga, New York
Prepared For:	Jaeckle, Fleischmann & Mugel, LLP

Leader Professional Services, Inc.
2300 Wehrle Drive
Williamsville, New York
14228
(716) 565-0963
(716) 565-0964 (fax)

Project Number:	147.007		
Date:	FEBRUARY 2002		
Drawn By:	KCC	Checked By:	JAW
Scale:	1" = 30 FEET		

Figure Number: 5

REPUTED OWNER
RICHARD A. DIVITA
L-9068, P-472
BUILDING

SOIL(8'-10')
TOLUENE 10,200 PPB

BH-6

BH-50

NORTH

GW
TCE 88.1 PPB

GW-2

PCE 3,690 PPB
TCE 10,900 PPB
SOIL(8'-10')
TCE 2,130 PPB

ASPHALT
AREA = 4,400 SQ.-FT.

SOIL(6'-8')
TCE 1,150 PPB

106.20' DEED

GW-4
GW
TCE 8,230 PPB
Vinyl chloride 707 PPB

BH-7

GW-3
GW
TCE 71,600 PPB
SOIL(2'-4')
TCE 2,310 PPB
SOIL(6'-8')
TCE 16,800 PPB
SOIL (10'-12')
TCE 2,270 PPB

BH-9

BH-4

BH-3

90' DEED

23' DEED

TCE
Vinyl chloride
Trans-1,2-DCE

GW
7.09 PPB
291 PPB
5.42 PPB

AREA = 2,100 SQ.-FT.

GW-1

ASPHALT

149.40' DEED

GRASS

BH-8

BH-10

BH-12

BH-11

BH-13

SOIL(8'-10')
TCE 1,440 PPB

BH-14

EDGE OF PAVEMENT

88.20'

123.71' DEED

ASPHALT PARKING AREA
REPUTED OWNER
FRONTIER
FEDERATED CO-OP
L-6644, P-378

L-5485, P-488
1st DESCRIBED PARCEL

BENCHMARK: TOP OF METAL FLASHING AT CORNER OF FENCED CONCRETE HOLDING AREA - ELEV. 657.98

ONE STORY BUILDING NO. 1746

REPUTED OWNER
THE ROTARY COMPANY, INC.
L-5485, P-488

L-5485, P-488
2nd DESCRIBED PARCEL

ASPHALT PARKING AREA

GW-5
GW
Benzene 7.66 PPB

113.45'

161.84' DEED

95.70'

47.10'

77.75'

ASPHALT

GRASS

BH-1

BH-2

ASPHALT PARKING AREA

177.98' DEED

DALE ROAD

(66.0' WIDE)

365.77' DEED

ADDITION

(FORMERLY WALDEN AVENUE)

187.79' DEED

220.50' DEED

ANDERSON ROAD (VARYING WIDTHS) (FORMERLY GOOD ROAD)

(FORMERLY 100.0' WIDE PRIVATE ROAD)

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
X	CHAIN LINK FENCE
Ø P.P.	POWER POLE
• GW-1	MONITORING WELL
o BH-1	BORE HOLE LOCATION
	APPROXIMATE AREA OF SOIL & GROUNDWATER CONTAMINATION ABOVE APPLICABLE STANDARDS OR GUIDANCE VALUES

NOTES:

1) ONLY CONCENTRATIONS OF ANALYTES ABOVE APPLICABLE STANDARDS OR GUIDANCE VALUES ARE SHOWN.
2) APPROXIMATE LIMITS OF SOIL CONTAMINATION BASED ON PREVIOUS AND 2001 DATA FROM 6 TO 10 FT. BGS.

Title: EXTENT OF CONTAMINATION MAP
RoCo, Ltd., Cheektowaga, New York

Prepared For: Jaeckle, Fleischmann & Mugel, LLP

Leader Professional Services, Inc.
2300 Wehrle Drive
Williamsville, New York
14228
(716) 565-0963
(716) 565-0964 (fax)

Project Number: 147.007
Date: FEBRUARY 2002
Drawn By: KCC
Checked By: JAW
Scale: 1" = 30 FEET

Figure Number: 6

ATTACHMENT A-4

Privileged and Confidential
Attorney Work Product

VOLUNTARY CLEANUP PROGRAM
REMEDIAL ACTION PLAN REPORT

ROCO, LTD SITE
1746 DALE ROAD
CHEEKTOWAGA, NEW YORK

Prepared For:

RoCo, Ltd.
P.O. Box 971
Colby Hill Road
New London, New Hampshire 03257

Prepared By:

Leader Professional Services, Inc.
2813 Wehrle Drive, Suite 1
Williamsville, New York 14221

March 24, 2007

Project No. 147.007

TABLE 1 HRC-X INJECTION QUANTITIES
RoCo, Ltd. 1746 Dale Road, Cheektowaga, New York

Injection Point Designation	Approximate Depth of Injection Point (ft)	Approximate Pounds of HRC-X Injected
IP-1	12	90
IP-2	12	90
IP-3	12	90
IP-4	12	90
IP-5	12	90
IP-6	12	90
IP-7	12	40
IP-8	12	40
IP-9	12	60
IP-10	12	60
IP-11	12	60
IP-12	12	60
IP-13	12	60
IP-14	12	60
IP-15	12	60
IP-16	12	60
IP-17	12	60
IP-18	12	40
IP-19	12	40
IP-20	12	40
IP-21	12	40
IP-22	12	40
IP-23	12	40
IP-24	12	40
IP-25	12	40
	TOTAL =	**1,480**

NOTE - See Figure 1 for injection point locations.

TABLE 2 - GROUNDWATER DEPTH AND ELEVATION DATA
RoCo, Ltd. 1746 Dale Road, Cheektowaga, New York

Groundwater Depths and Elevations															
	GW-1		GW-2		GW-3		GW-4		GW-5		GW-6		GW-7		
Date	Depth (Ft.)	Elev. (Ft.)	Depth (Ft.)	Elev. (Ft.)	Depth (Ft.)	Elev. (Ft.)	Depth (Ft.)	Elev. (Ft.)	Depth (Ft.)	Elev. (Ft.)	Depth (Ft.)	Elev. (Ft.)	Depth (Ft.)	Elev. (Ft.)	
09/22/05	1.16	654.63	1.60	655.32	3.06	655.28	3.14	655.26	11.10	648.41	2.92	655.47	3.78	654.53	
10/31/05	1.30	654.49	1.52	655.40	2.60	655.74	3.16	655.24	8.14	651.37	3.49	654.90	4.58	653.73	
11/29/05	0.85	654.94	1.05	655.87	1.80	656.54	2.66	655.74	7.82	651.69	3.26	655.13	3.41	654.90	
12/22/05	0.78	655.01	0.89	656.03	1.65	656.69	2.58	655.82	9.20	650.31	3.24	655.15	3.65	654.66	
01/20/06	0.80	654.99	1.02	655.90	1.95	656.39	2.66	655.74	8.19	651.32	1.94	656.45	3.35	654.96	
03/01/06	1.27	654.52	1.67	655.25	2.85	655.49	3.38	655.02	8.42	651.09	3.30	655.09	4.02	654.29	
03/27/06	1.71	654.08	1.72	655.20	2.94	655.40	3.39	655.01	8.42	651.09	2.86	655.53	4.00	654.31	
04/18/06	1.48	654.31	1.69	655.23	2.77	655.57	3.15	655.25	8.48	651.03	3.60	654.79	3.76	654.55	
05/17/06	1.15	654.64	1.71	655.21	2.47	655.87	3.05	655.35	8.35	651.16	3.85	654.54	3.72	654.59	
06/14/06	1.61	654.18	2.00	654.92	2.91	655.43	3.37	655.03	8.33	651.18	3.45	654.94	3.89	654.42	
07/28/06	1.58	654.21	1.95	654.97	2.80	655.54	3.20	655.20	8.16	651.35	3.43	654.96	3.90	654.41	
08/08/06	1.52	654.27	1.87	655.05	2.72	655.62	3.12	655.28	8.10	651.41	3.41	654.98	3.92	654.39	
09/22/06	1.27	654.52	1.56	655.36	2.40	655.94	2.77	655.63	7.93	651.58	3.31	655.08	3.36	654.95	
10/18/06	0.78	655.01	1.04	655.88	1.57	656.77	2.17	656.23	6.86	652.65	2.97	655.42	2.57	655.74	
11/27/06	1.67	654.12	1.85	655.07	2.91	655.43	3.23	655.17	8.24	651.27	3.43	654.96	3.45	654.86	
12/11/06	1.16	654.63	1.38	655.54	2.61	655.73	2.89	655.51	8.28	651.23	3.66	654.73	3.97	654.34	
01/26/07	1.07	654.72	1.44	655.48	2.54	655.80	2.63	655.77	8.17	651.34	3.64	654.75	3.71	654.60	
02/26/07	1.60	654.19	1.52	655.40	2.70	655.64	2.70	655.70	8.47	651.04	4.70	653.69	3.97	654.34	

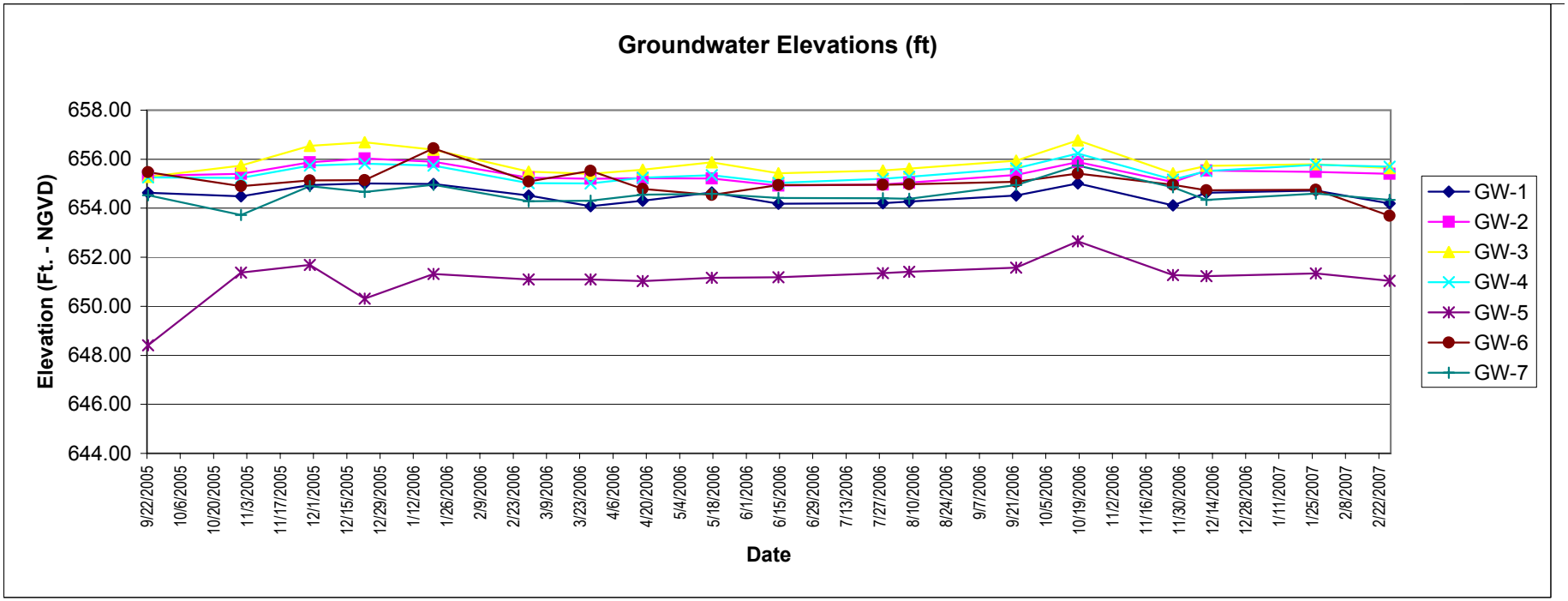


TABLE 5 - GROUNDWATER ANALYSIS FOR VOLATILE ORGANIC COMPOUNDS

RoCo, Ltd. 1746 Dale Road, Cheektowaga, New York

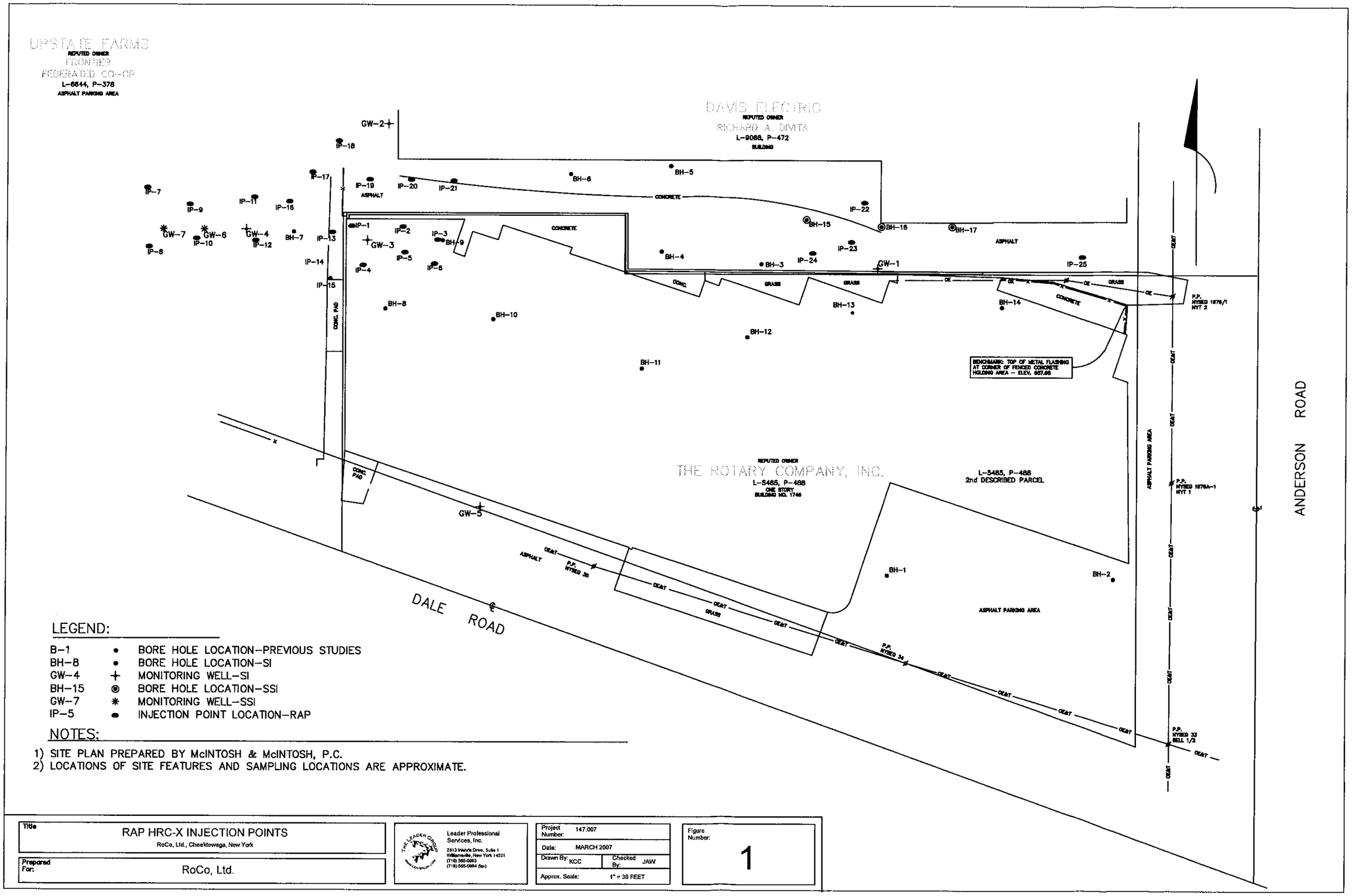
VOLATILE ORGANIC COMPOUNDS	NYSDEC CLASS GA STANDARD	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1
Sample Collection Date:	NA	11/9/01	9/23/02	10/24/02	11/26/02	12/31/02	1/28/03	2/27/03	6/27/03	9/26/05	12/27/05	3/1/06	4/18/06	6/14/06	8/8/06	10/18/06	12/11/06	2/26/07	4/12/07
Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Tetrachloroethene (PCE)	5.00	ND<5.00	NS	NS	NS	NS	NS	NS	NS	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Trichloroethene (TCE)	5.00	7.09	NS	NS	NS	NS	NS	NS	NS	ND<2.00	ND<2.00	52.40	ND<2.00	ND<2.00	2.04	ND<2.00	3.29	3.26	2.92
cis-1,2-Dichloroethene (DCE)	5	481	NS	NS	NS	NS	NS	NS	NS	E 276	154	16	206	152	195	153	158	112	116
trans-1,2-Dichloroethene	5.00	5.42	NS	NS	NS	NS	NS	NS	NS	2.54	2.10	ND<2.00	3.40	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00
Vinyl Chloride	2	291	NS	NS	NS	NS	NS	NS	NS	121	ND<2.00	ND<2.00	ND<2.00	20.80	102.00	4.15	ND<2.00	3.80	ND<2.00
Benzene	1.00	ND<5.00	NS	NS	NS	NS	NS	NS	NS	ND<0.70	ND<0.70	ND<0.71	ND<2.00	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70

VOLATILE ORGANIC COMPOUNDS	NYSDEC CLASS GA STANDARD	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3
Sample Collection Date:	NA	11/9/01	9/23/02	10/24/02	11/26/02	12/31/02	1/28/03	2/27/03	6/27/03	9/26/05	12/27/05	3/1/06	4/18/06	6/14/06	8/8/06	10/18/06	12/11/06	2/26/07	4/12/07
Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Tetrachloroethene (PCE)	5.00	ND<1,000	ND<400	ND<2,000	ND<1,000	ND<2,000	ND<2,000	ND<2,000	ND<2,000	ND<1,000	ND<2,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<100	ND<2,000	ND<2,000	ND<2,000
Trichloroethene (TCE)	5.00	71,600	52,500	161,000	84,600	80,300	122,000	102,000	153,000	75,600	ND<2,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<100	ND<2,000	ND<2,000	ND<2,000
cis-1,2-Dichloroethene (DCE)	5	4,860	5,010	7,500	4,190	3,390	4,570	4,410	7,210	38,400	60,500	57,800	89,400	48,600	26,300	2,590	19,800	19,100	22,600
trans-1,2-Dichloroethene	5.00	ND<1,000	ND<400	ND<2,000	ND<1,000	ND<2,000	ND<2,000	ND<2,000	ND<2,000	ND<1,000	ND<2,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<100	ND<2,000	ND<2,000	ND<2,000
Vinyl Chloride	2	ND<1,000	ND<400	ND<2,000	ND<1,000	ND<2,000	ND<2,000	ND<2,000	ND<2,000	ND<1,000	8,630	20,400	37,800	34,700	48,700	5,730	39,700	21,500	54,700
Benzene	1.00	ND<1,000	ND<140	ND<700	ND<350	ND<700	ND<700	ND<700	ND<700	ND<350	ND<700	ND<350	ND<350	ND<350	ND<350	ND<35.0	ND<700	ND<700	ND<700

VOLATILE ORGANIC COMPOUNDS	NYSDEC CLASS GA STANDARD	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7
Sample Collection Date:	11/9/01	7/16/02	9/23/02	10/24/02	11/26/02	12/31/02	1/28/03	2/27/03	6/27/03	9/26/05	12/27/05	3/1/06	4/18/06	6/14/06	8/8/06	10/18/06	12/11/06	2/26/07	4/12/07
Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Tetrachloroethene (PCE)	5.00	ND<100	NS	NS	NS	NS	NS	NS	NS	ND<10.0	ND<40	ND<20	ND<20	ND<20	ND<200	ND<20	ND<2.00	ND<20	ND<20	ND<20
Trichloroethene (TCE)	5.00	624	NS	NS	NS	NS	NS	NS	NS	158	545	ND<20	94.00	128.0	ND<200	ND<20	ND<2.00	ND<20	ND<20	ND<20
cis-1,2-Dichloroethene (DCE)	5	6,120	NS	NS	NS	NS	NS	NS	NS	582	4,350	1,530	1,800	2,080	1,770	648	9.09	308.00	616.00	685.00
trans-1,2-Dichloroethene	5.00	ND<100	NS	NS	NS	NS	NS	NS	NS	ND<10.0	62.40	ND<20	23.50	ND<20	ND<200	ND<20	ND<2.00	ND<20	ND<20	ND<20
Vinyl Chloride	2	1,410	NS	NS	NS	NS	NS	NS	NS	36.0	686	23.4	ND<20	ND<20	342.00	992.00	24.70	ND<20	ND<20	ND<20
Benzene	1.00	ND<35.0	NS	NS	NS	NS	NS	NS	NS	ND<3.50	ND<14.0	ND<7.00	ND<7.00	ND<7.00	ND<70	ND<7.00	ND<0.7	ND<0.7	ND<0.7	ND<0.7

Notes:

1) First post-injection sampling event was 9/26/05
2) ND (Non-Detected above laboratory detection limit)
3) NA (Not Available), NS (Not Sampled)
4) Green shaded values indicate an exceedence of NYCRR Part 703 Class GA groundwater standards.



LEGEND:

B–1	•	BORE HOLE LOCATION–PREVIOUS STUDIES
BH–8	•	BORE HOLE LOCATION–SI
GW–4	+	MONITORING WELL–SI
BH–15	◉	BORE HOLE LOCATION–SSI
GW–7	✳	MONITORING WELL–SSI
IP–5	⬬	INJECTION POINT LOCATION–RAP

NOTES:

1) SITE PLAN PREPARED BY McINTOSH & McINTOSH, P.C.
2) LOCATIONS OF SITE FEATURES AND SAMPLING LOCATIONS ARE APPROXIMATE.

Title: RAP HRC-X INJECTION POINTS RoCo, Ltd., Cheektowaga, New York	Leader Professional Services, Inc. 2813 Wehrle Drive, Suite 1 Williamsville, New York 14221 (716) 565-0963 (716) 565-0964 (fax)	Project Number: 147.007 Date: MARCH 2007 Drawn By: KCC / Checked By: JAW Approx. Scale: 1" = 30 FEET	Figure Number: 1
Prepared For: RoCo, Ltd.			

REPUTED OWNER
FRONTIER
FEDERATED CO-OP
L-6644, P-378
ASPHALT PARKING AREA

REPUTED OWNER
RICHARD A. DIVITA
L-9068, P-472
BUILDING

GW-2 GW ELEV. 655.86'

BH-6 BH-5

ASPHALT

BH-15

BH-16 BH-17

ASPHALT

GW-7 GW ELEV. 655.74'
GW-6 GW ELEV. 655.42'
GW-4 GW ELEV. 656.23'
BH-7
GW-3 GW ELEV. 656.77'
BH-9
44.70'
106.20' DEED
13.58'
10.13'
3.90'
27.35'
4.90'
2'
BH-4
BH-3
90° DEED
GW-1 GW ELEV. 655.01'
149.40' DEED
51.25'
3.90'
2.85'
31.15'
GRASS
11.10'
28.40'
GRASS
2.0'
3.30'
39.50'
4.90'
GRASS

656

GW-3 REDOX
JULY 16, 2002 NR

BH-8
BH-10
BH-13
BH-14
52.30'
17.10'
6.05'

655

BH-12

BH-11

654

BENCHMARK: TOP OF METAL FLASHING AT CORNER OF FENCED CONCRETE HOLDING AREA – ELEV. 657.98

123.71' DEED

ONE STORY
BUILDING NO. 1748

REPUTED OWNER
THE ROTARY COMPANY, INC.
L-5485, P-488

653

115.46'

GW-5
GW ELEV. 652.65'

DEED
161.84'

L-5485, P-488
2nd DESCRIBED PARCEL

86.20'

ASPHALT PARKING AREA

93.70'

17.10'

1.20'
0.35'
0.75'

ASPHALT

77.76'

BH-1

BH-2

11.6'

GRASS

ASPHALT PARKING AREA

220.50' DEED

℄

DALE ROAD

177.98' DEED

(66.0' WIDE)

365.77' DEED

ADDITION

(FORMERLY WALDEN AVENUE)

187.79' DEED

ANDERSON ROAD (VARYING WIDTHS) (FORMERLY GOOD ROAD) (FORMERLY 100.0' WIDE PRIVATE ROAD)

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
x	CHAIN LINK FENCE
# P.P.	POWER POLE
• GW-1	MONITORING WELL
o BH-1	BORE HOLE LOCATION

NOTE:

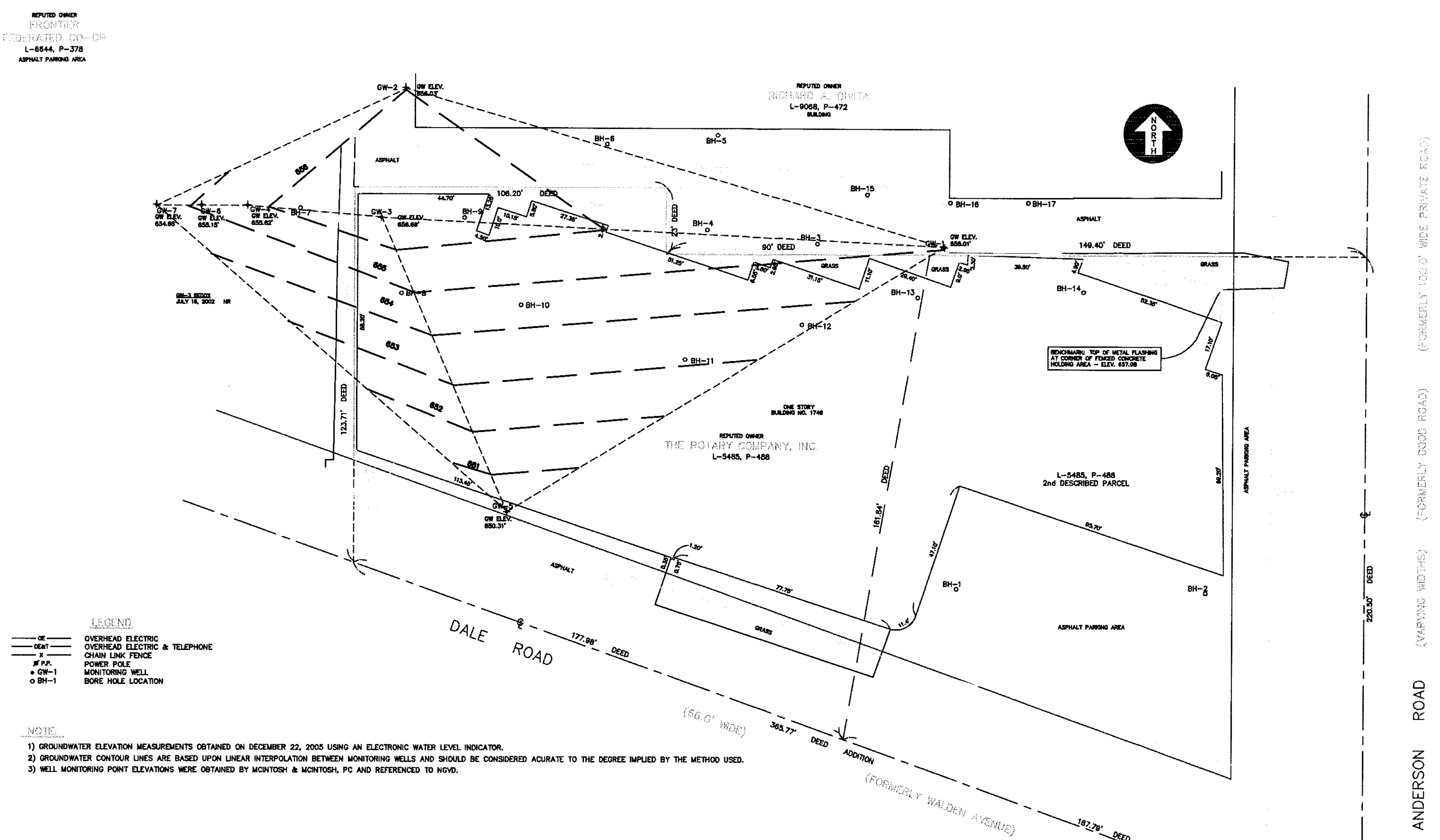
1) GROUNDWATER ELEVATION MEASUREMENTS OBTAINED ON OCTOBER 18, 2006 USING AN ELECTRONIC WATER LEVEL INDICATOR.
2) GROUNDWATER CONTOUR LINES ARE BASED UPON LINEAR INTERPOLATION BETWEEN MONITORING WELLS AND SHOULD BE CONSIDERED ACURATE TO THE DEGREE IMPLIED BY THE METHOD USED.
3) WELL MONITORING POINT ELEVATIONS WERE OBTAINED BY MCINTOSH & MCINTOSH, PC AND REFERENCED TO NGVD.

Title	GROUNDWATER CONTOUR MAP FOR OCTOBER 18, 2006 RoCo, Ltd., Cheektowaga, New York
Prepared For:	RoCo, Ltd.

Leader Professional Services, Inc.
2813 Wehrle Drive, Suite 1
Williamsville, New York
14221
(716) 565-0863
(716) 565-0864 (fax)

Project Number:	147.007
Date:	MARCH 2007
Drawn By: KCC	Checked By: JAW
Scale:	NONE

Figure Number: 5



LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
X	CHAIN LINK FENCE
P.P.	POWER POLE
• GW-1	MONITORING WELL
o BH-1	BORE HOLE LOCATION

NOTE:

1) GROUNDWATER ELEVATION MEASUREMENTS OBTAINED ON DECEMBER 22, 2005 USING AN ELECTRONIC WATER LEVEL INDICATOR.
2) GROUNDWATER CONTOUR LINES ARE BASED UPON LINEAR INTERPOLATION BETWEEN MONITORING WELLS AND SHOULD BE CONSIDERED ACURATE TO THE DEGREE IMPLIED BY THE METHOD USED.
3) WELL MONITORING POINT ELEVATIONS WERE OBTAINED BY MCINTOSH & MCINTOSH, PC AND REFERENCED TO NGVD.

Title: GROUNDWATER CONTOUR MAP FOR DECEMBER 22, 2005
RoCo, Ltd., Cheektowaga, New York

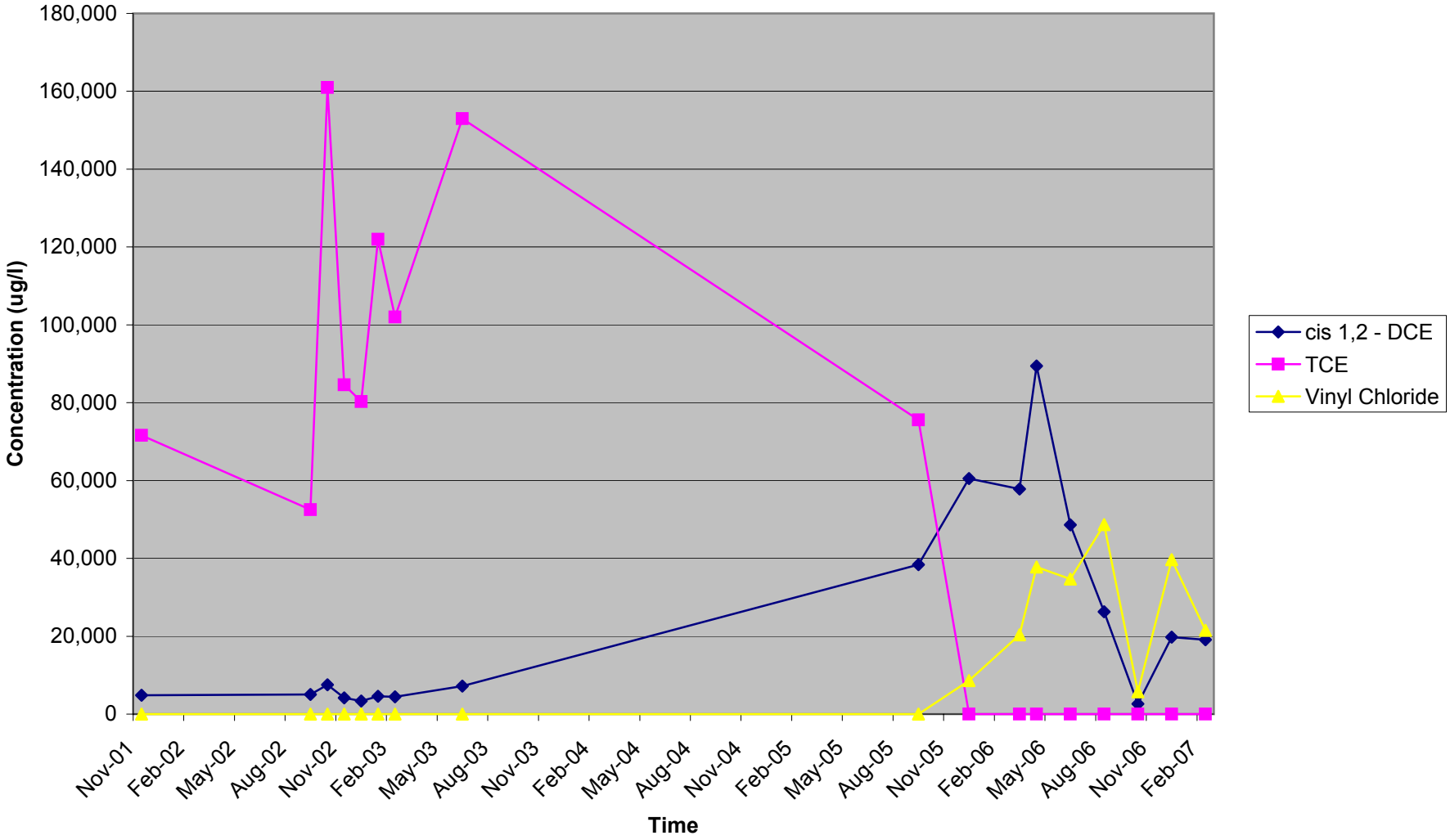
Prepared For: RoCo, Ltd.

Leader Professional Services, Inc.
2813 Wehrle Drive, Suite 1
Williamsville, New York
14221
(716) 565-0963
(716) 565-0964 (fax)

Project Number: 147.007
Date: MARCH 2007
Drawn By: KCC
Checked By: JAW
Scale: NONE

Figure Number: 2

Figure 6
VOC Concentration Data for GW-3



ATTACHMENT A-5

RoCo Ltd

ERIE, NEW YORK

Site Management Plan

NYSDEC Site Number: V00422-9

Prepared for:
RoCo LTD
PO Box 971
Colby Hill Road
New London, New Hampshire 03257

Prepared by:
Leader Professional Services Inc.
2813 Wehrle Drive, Suite 1
Williamsville, New York 14221
716 565-0963

Revisions to Final Approved Site Management Plan:

Revision #	Submitted Date	Summary of Revision	DEC Approval Date

TABLE 1 – SOIL VAPOR ANALYSIS FOR TCE, PCE, AND 1,1,1-TRICHLOROETHANE
RoCo, Ltd. 1746 Dale Road, Cheektowaga, New York

Figure 9 Identification Symbol	SS #1 *	Duplicate Am #1	Am #1 *	SS #2	Am #2	SS #3	Am #3	SS #4	Am #4	SS #5	Am #5	SS #6	Am #6	Am #7	Am #8
Sample Canister (C) Number	1018	1002	1003	1005	1017 1	010	1021	1026	1007	1020	1011	1000 1	001 1	009 1	023
Trichloroethene (TCE)	E303	2.5	3.84 0.	792	3.5	9.68	3.78 0.	513 4.	53	4.21	8.03	17.7	1.08	ND	ND
Tetrachloroethene (PCE)	1.91	ND	ND	6.84 ND		5.67 ND		4.66	ND 4.	96 ND		4.0	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND ND		ND	ND	ND	2.54	ND	ND ND	ND ND		
NYSDOH Matrix Recommendations for TCE Levels	MITIGATE			Take reasonable and practical actions to identify source(s) and reduce exposures		MONITOR		Take reasonable and practical actions to identify source(s) and reduce exposures		Take reasonable and practical actions to identify source(s) and reduce exposures		MONITOR NA			NA
NYSDOH Matrix Recommendations for PCE Levels	No further action is required			No further action is required		No further action is required		No further action is required		No further action is required		No further action is required		NA NA	
NYSDOH Matrix Recommendations for 1,1,1-Trichloroethane Levels	No further action is required			No further action is required		No further action is required		No further action is required		No further action is required		No further action is required		NA NA	

Notes:
1.) All laboratory results are reported in micrograms per meter squared (ug/m^3).
2.) Matrix Recommendations were obtained from NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York.
3.) * Indicates sample locations that have been identified for further mitigation based on review of NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York.
4.) "E" indicates result has been estimated; the calibration limit has been exceeded.
5.) ND = Not Detected
6.) NA = Not Applicable

TABLE 5 SOIL ANALYSIS FOR VOLATILE ORGANIC COMPOUNDS

RoCo, Ltd. 1746 Dale Road, Cheektowaga, New York

VOLATILE ORGANIC COMPOUNDS	BH-1 (8'-10')	BH-2 (8'-10')	BH-3 (8'-10')	BH-4 (0'-2')	BH-4 (8'-10')	BH-5 (8'-10')	BH-6 (8'-10')	BH-7 (6'-8')	BH-7 (8'-10')	BH-8 (8'-10')	BH-9 (6'-8')	BH-10 (8'-10')	BH-11 (8'-10')	BH-12 (8'-10')	BH-13 (8'-10')	BH-14 (8'-10')	GW-1 (8'-10')	GW-2 (8'-10')	GW-3 (2'-4')	GW-3 (6'-8')	GW-3 (10'-12')	GW-3 (16'-18')	GW-4 (6'-8')	GW-5 (8'-10')	NYSDEC Soil Cleanup Objectives
Sample Collection Date:	10/25/01	10/25/01	10/25/01	10/25/01	10/25/01	10/25/01	10/25/01	10/25/01	10/25/01	11/02/01	11/02/01	11/02/01	11/02/01	11/02/01	11/02/01	11/02/01	11/01/01	11/01/01	11/02/01	11/02/01	11/02/01	11/02/01	11/01/01	11/01/01	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Bromodichloromethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Bromomethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Bromoform	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Carbon tetrachloride	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	12.4	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	600
Chloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,900
Chloromethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
2-Chloroethyl vinyl ether	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Chloroform	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	300
Dibromochloromethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
1,1-Dichloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	200
1,2-Dichloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	100
1,1-Dichloroethene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	400
cis-1,2-Dichloroethene	18.8	ND<11.0	73.7	19.2	17.6	29.1	545	592	325	ND<9.86	127	16.6	12.8	ND<8.51	423	107	76.4	ND<8.40	ND<112	ND<187	ND<147	53.6	ND<84.6	ND<9.13	NA
trans-1,2-Dichloroethene	ND<8.91	ND<11.0	ND<10.2	12.7	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	300
1,2-Dichloropropane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
cis-1,3-Dichloropropene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
trans-1,3-Dichloropropene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Methylene chloride	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<9.24	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	100
1,1,2,2-Tetrachloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	600
Tetrachloroethene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	3,990	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,400
1,1,1-Trichloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	800
1,1,2-Trichloroethane	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Trichloroethene	118	ND<11.0	18.1	ND<8.48	25.1	189	ND<254	10,900	2,130	65.8	1,150	89.9	116	67.5	1,440	628	82.0	ND<8.40	2,310	16,800	2,270	90.0	681	12.7	700
Vinyl Chloride	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	200
Benzene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	60
Chlorobenzene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,700
Ethylbenzene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	14.40	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	5,500
Toluene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	10,200	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	23.8	ND<8.51	ND<22.6	ND<11.0	46.40	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,500
m,p, - xylene	ND<8.91	ND<11.0	20.4	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	11.1	ND<21.4	ND<10.1	23.6	ND<8.51	ND<22.6	ND<11.0	42.00	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,200
o-xylene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	15.30	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	1,200
Styrene	ND<8.91	ND<11.0	ND<10.2	ND<8.48	ND<9.04	ND<10.5	ND<254	ND<275	ND<53.9	ND<9.86	ND<21.4	ND<10.1	ND<9.24	ND<8.51	ND<22.6	ND<11.0	ND<7.88	ND<8.40	ND<112	ND<187	ND<147	ND<8.02	ND<84.6	ND<9.13	NA
Acetone	ND<44.5	ND<55.2	ND<50.9	ND<42.4	ND<45.2	ND<52.5	ND<1,270	ND<1,380	ND<269	ND<49.3	ND<107	ND<50.3	ND<46.2	ND<42.6	ND<113	ND<55.0	ND<39.4	ND<42.0	ND<558	ND<934	ND<735	ND<40.1	ND<423	ND<45.6	200
Vinyl acetate	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<23.1	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	NA
2-Butanone	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<23.1	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	300
4-Methyl-2-pentanone	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<23.1	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	1,000
2-Hexanone	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<23.1	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	NA
Carbon disulfide	ND<22.3	ND<27.6	ND<25.5	ND<21.2	ND<22.6	ND<26.3	ND<636	ND<688	ND<135	ND<24.7	ND<53.6	ND<25.1	ND<23.1	ND<21.3	ND<56.5	ND<27.5	ND<19.7	ND<21.0	ND<279	ND<467	ND<367	ND<20.0	ND<212	ND<22.8	2,700

Notes:

1) Concentrations are in µg/kg, or ppb.
2) ND (Non-Detected above laboratory detection limit)
3) NA (Not Available)
4) NYSDEC Soil cleanup objectives were obtained from the NYSDEC TAGM #4046, dated December 2000.
5) Shaded areas indicate analyte detection; darker shaded areas indicate an exceedence of applicable NYSDEC Soil Cleanup Objectives.

TABLE 6 SOIL ANALYSIS FOR SEMI-VOLATILE ORGANIC COMPOUNDS

RoCo, Ltd. 1746 Dale Road, Cheektowaga, New York

SEMI-VOLATILE ORGANIC COMPOUNDS	BH-11 (8'-10')	GW-1 (8'-10')	GW-2 (8'-10')	GW-3 (10'-12')	GW-4 (6'-8')	GW-5 (8'-10')	NYSDEC Rec. Soil Cleanup Objective (PPB)
Sample Collection Date:	11/02/01	11/01/01	11/01/01	11/02/01	11/01/01	11/01/01	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Benzyl alcohol	ND< 864	ND <845	ND <794	ND <847	ND <827	ND <904	NA
Bis (2-chloroethyl) ether	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
Bis (2-chloroisopropyl) ether	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
2-Chlorophenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	800
1,3-Dichlorobenzene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	1,600
1,4-Dichlorobenzene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	8,500
1,2-Dichlorobenzene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	7,900
Hexachloroethane	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
2-Methylphenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	100,000 or MDL
4-Methylphenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	900
N-Nitrosodimetylamine	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
N-Nitroso-di-n-propylamine	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
Phenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	30 or MDL
Benzoic acid	ND< 864	ND <845	ND <794	ND <847	ND <827	ND <904	2,700
Bis (2-chloroethoxy) methane	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
4-Chloroaniline	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	220 or MDL
4-Chloro-3-methylphenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	240 or MDL
2,4-Dichlorophenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	400
2,6-Dichlorophenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
2,4-Dimethylphenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
Hexachlorobutadiene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
Isophorone	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	4,400
2-methylnapthalene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	36,400
Naphthalene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	13,000
Nitrobenzene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	200 or MDL
2-Nitrophenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	330 or MDL
1,2,4-Trichlorobenzene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	3,400
2-Chloronaphthalene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
Acenaphthene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	50,000***
Acenapthylene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	41,000
4-Chlorophenyl phenyl ether	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
Dibenzofuran	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	6,200
Diethyl phthalate	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	7,100
Dimethyl phthalate	ND< 864	ND <845	ND <794	ND <847	ND <827	ND <904	2,000

SEMI-VOLATILE ORGANIC COMPOUNDS	BH-11 (8'-10')	GW-1 (8'-10')	GW-2 (8'-10')	GW-3 (10'-12')	GW-4 (6'-8')	GW-5 (8'-10')	NYSDEC Rec. Soil Cleanup Objective (PPB)
Sample Collection Date:	11/02/01	11/01/01	11/01/01	11/02/01	11/01/01	11/01/01	
Units:	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
2,4-Dinitrophenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	200 or MDL
2,4-Dinitrotoluene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
2,6-Dinitrotoluene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	1,000.00
Fluorene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	50,000***
Hexachlorocyclopentadiene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
2-Nitroanaline	ND< 864	ND <845	ND <794	ND <847	ND <827	ND <904	430 or MDL
3-Nitroaniline	ND< 864	ND <845	ND <794	ND <847	ND <827	ND <904	500 or MDL
4-Nitroaniline	ND< 864	ND <845	ND <794	ND <847	ND <827	ND <904	NA
4-Nitrophenol	ND< 864	ND <845	ND <794	ND <847	ND <827	ND <362	100 or MDL
2,4,6-Trichlorophenol	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
2,4,5-Trichlorophenol	ND< 864	ND <845	ND <794	ND <847	ND <827	ND <904	100.00
4-Bromophenyl phenyl ether	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
Di-n-butyl phthalate	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	8,100
4,6-Dinitro-2-methylphenol	ND< 864	ND <338	ND <317	ND <847	ND <827	ND <904	NA
Fluoranthene	ND <345	ND <338	ND <317	ND <339	ND <331	748	50,000***
Hexachlorobenzene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	410
N-Nitrosodiphenylamine	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
Pentachlorophenol	ND< 864	ND <845	ND <794	ND <847	ND <827	ND <904	1,000 or MDL
Anthracene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	50,000***
Phenanthrene	ND <345	ND <338	ND <317	ND <339	ND <331	483	50,000***
Benzidine	ND< 864	ND <845	ND <794	ND <847	ND <827	ND <904	NA
Benzo (a) anthracene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	224 or MDL
Bis (2-etylhexyl) phthalate	674	ND <338	ND <317	ND <339	ND <331	ND <362	50,000***
Butylbenzylphthalate	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	50,000***
Chrysene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	400
3,3'-Dichlorobenzidine	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	NA
Pyrene	ND <345	ND <338	ND <317	ND <339	ND <331	620	50,000***
Benzo (b) fluoranthene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	1,100
Benzo (k) fluoranthene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	1,100
Benzo (g,h,i) perylene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	50,000***
Benzo (a) pyrene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	61 or MDL
Dibenz (a,h) anthracene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	14 or MDL
Di-n-octylphthalate	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	50,000***
Indeno (1,2,3-cd) pyrene	ND <345	ND <338	ND <317	ND <339	ND <331	ND <362	3,200

Notes:

1) Concentrations are in µg/kg, or ppb.
2) ND (Non-Detected above laboratory detection limit)
3) NA (Not Available)
4) NYSDEC Soil cleanup objectives were obtained from the NYSDEC TAGM #4046, dated December 2000.
5) Shaded areas indicate analyte detection; darker shaded areas indicate an exceedence of applicable NYSDEC Soil Cleanup Objectives.
6) MDL Method Detection Limit

TABLE 9 - GROUNDWATER ANALYSIS FOR VOLATILE ORGANIC COMPOUNDS

RoCo, Ltd. 1746 Dale Road, Cheektowaga, New York

VOLATILE ORGANIC COMPOUNDS	NYSDEC CLASS GA STANDARD	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1	GW-1
Sample Collection Date:	NA	11/9/01	9/23/02	10/24/02	11/26/02	12/31/02	1/28/03	2/27/03	6/27/03	9/26/05	12/27/05	3/1/06	4/18/06	6/14/06	8/8/06	10/18/06	12/11/06	2/26/07	4/12/07	06/20/07	08/15/07	12/04/07	09/09/08	12/03/08	02/26/09	04/27/09	06/17/09	08/14/09
Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Tetrachloroethene (PCE)	5.00	ND<5.00	NS	NS	NS	NS	NS	NS	NS	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	NA	ND<2.00	ND<2.00	ND<2.00
Trichloroethene (TCE)	5.00	7.09	NS	NS	NS	NS	NS	NS	NS	ND<2.00	ND<2.00	52.40	ND<2.00	ND<2.00	2.04	ND<2.00	3.29	3.26	2.92	2.50	ND<2.00	3.18	ND<2.00	ND<2.00	NA	ND<2.00	3.48	ND<2.00
cis-1,2-Dichloroethene (DCE)	5	481	NS	NS	NS	NS	NS	NS	NS	E 276	154	16	206	152	195	153	158	112	116	117	84	171	52	60	NA	37.8	131.0	66.2
trans-1,2-Dichloroethene	5.00	5.42	NS	NS	NS	NS	NS	NS	NS	2.54	2.10	ND<2.00	3.40	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	ND<2.00	NA	ND<2.00	2.10	ND<2.00
Vinyl Chloride	2	291	NS	NS	NS	NS	NS	NS	NS	121	ND<2.00	ND<2.00	ND<2.00	20.80	102.00	4.15	ND<2.00	3.80	ND<2.00	10	17	ND<2.00	30	ND<2.00	NA	4.9	43.2	30.9
Benzene	1.00	ND<5.00	NS	NS	NS	NS	NS	NS	NS	ND<0.70	ND<0.70	ND<0.71	ND<2.00	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.70	ND<0.700	ND<0.700	ND<0.700	ND<0.700	ND<0.700	NA	ND<0.700	ND<0.700	ND<0.700

VOLATILE ORGANIC COMPOUNDS	NYSDEC CLASS GA STANDARD	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3	GW-3
Sample Collection Date:	NA	11/9/01	9/23/02	10/24/02	11/26/02	12/31/02	1/28/03	2/27/03	6/27/03	9/26/05	12/27/05	3/1/06	4/18/06	6/14/06	8/8/06	10/18/06	12/11/06	2/26/07	4/12/07	6/20/07	8/15/07	12/4/07	5/8/08	9/9/08	12/3/08	2/26/09	4/27/09	6/17/09	08/14/09
Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Tetrachloroethene (PCE)	5.00	ND<1,000	ND<400	ND<2,000	ND<1,000	ND<2,000	ND<2,000	ND<2,000	ND<2,000	ND<1,000	ND<2,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<100	ND<2,000	ND<2,000	ND<2,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<400	ND<1,000	ND<1,000	ND<2.00
Trichloroethene (TCE)	5.00	71,600	52,500	161,000	84,600	80,300	122,000	102,000	153,000	75,600	ND<2,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<100	ND<2,000	ND<2,000	ND<2,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<400	ND<1,000	ND<1,000	ND<2.00
cis-1,2-Dichloroethene (DCE)	5	4,860	5,010	7,500	4,190	3,390	4,570	4,410	7,210	38,400	60,500	57,800	89,400	48,600	26,300	2,590	19,800	19,100	22,600	32,900	36,800	33,700	53,300	89,000	24,900	25,400	26,600	24,800	9.87
trans-1,2-Dichloroethene	5.00	ND<1,000	ND<400	ND<2,000	ND<1,000	ND<2,000	ND<2,000	ND<2,000	ND<2,000	ND<1,000	ND<2,000	ND<1,000	ND<1,000	ND<2,000	ND<1,000	ND<100	ND<2,000	ND<2,000	ND<2,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<1,000	ND<400	ND<1,000	ND<1,000	ND<2.00
Vinyl Chloride	2	ND<1,000	ND<400	ND<2,000	ND<1,000	ND<2,000	ND<2,000	ND<2,000	ND<2,000	ND<1,000	8,630	20,400	37,800	34,700	48,700	5,730	39,700	21,500	54,700	44,500	45,300	27,800	29,000	58,200	31,000	38,600	42,700	67,400	138
Benzene	1.00	ND<1,000	ND<140	ND<700	ND<350	ND<700	ND<700	ND<700	ND<700	ND<350	ND<700	ND<350	ND<350	ND<350	ND<350	ND<35.0	ND<700	ND<700	ND<700	ND<350	ND<350	ND<350	ND<350	ND<350	ND<350	ND<140	ND<350	ND<350	ND<0.70
Acetone	NA																										9,290	6,420	ND<10.0

VOLATILE ORGANIC COMPOUNDS	NYSDEC CLASS GA STANDARD	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7
Sample Collection Date:	11/9/01	7/16/02	9/23/02	10/24/02	11/26/02	12/31/02	1/28/03	2/27/03	6/27/03	9/26/05	12/27/05	3/1/06	4/18/06	6/14/06	8/8/06	10/18/06	12/11/06	2/26/07	4/12/07	6/20/07	8/15/07	12/4/07	9/9/08	12/3/08	2/26/09	4/27/09	6/17/09	08/14/09
Units:	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Tetrachloroethene (PCE)	5.00	ND<100	NS	NS	NS	NS	NS	NS	ND<10.0	ND<40	ND<20	ND<20	ND<20	ND<200	ND<20	ND<2.00	ND<20	ND<20	ND<20	ND<20	ND<20.0	ND<4.0	ND<20.0	ND<2.0	ND<2.0	ND<20.0	ND<20.0	ND<2.0
Trichloroethene (TCE)	5.00	624	NS	NS	NS	NS	NS	NS	158	545	ND<20	94.00	128.0	ND<200	ND<20	ND<2.00	ND<20	ND<20	ND<20	ND<20	ND<20.0	ND<4.0	ND<20.0	ND<2.0	ND<2.0	ND<20.0	ND<20.0	ND<2.0
cis-1,2-Dichloroethene (DCE)	5	6,120	NS	NS	NS	NS	NS	NS	582	4,350	1,530	1,800	2,080	1,770	648	9.09	308.00	616.00	685.00	811	432	25	224	ND<2.0	ND<2.0	ND<20.0	ND<20.0	8.51
trans-1,2-Dichloroethene	5.00	ND<100	NS	NS	NS	NS	NS	NS	ND<10.0	62.40	ND<20	23.50	ND<20	ND<200	ND<20	ND<2.00	ND<20	ND<20	ND<20	ND<20	ND<20.0	ND<4.0	ND<20.0	ND<20.0	ND<2.0	ND<20.0	ND<20.0	ND<2.0
Vinyl Chloride	2	1,410	NS	NS	NS	NS	NS	NS	36.0	686	23.4	ND<20	ND<20	342.00	992.00	24.70	ND<20	ND<20	ND<20	28	316	450	243	14.8	2.1	ND<20.0	ND<20.0	46.1
Benzene	1.00	ND<35.0	NS	NS	NS	NS	NS	NS	ND<3.50	ND<14.0	ND<7.00	ND<7.00	ND<7.00	ND<70	ND<7.00	ND<0.7	ND<0.7	ND<0.7	ND<0.7	ND<7.00	ND<7.00	ND<1.40	ND<7.00	ND<0.7	ND<0.7	ND<7.00	ND<7.00	ND<0.7
Acetone	NA																									271	271	ND<10.0
Carbon Disulfide	NA																											5.83

Notes:

1) First post-injection sampling event was 9/26/05.
2) ND (Non-Detected above laboratory detection limit)
3) NA (Not Available), NS (Not Sampled)
4) Green shaded values indicate an exceedence of NYCRR Part 703 Class GA groundwater standards.
5) NYSDEC Groundwater Quality Standards were obtained from the NYSDEC NYCRR Part 703.5 - Table 1 Groundwater Standards/Criteria, dated August 1999.
6) Second injection occurred on 9/10/08 and 9/11/08.First post-injection sampling after 9/10-11/08 injection occurred on 12/03/08.
7) GW-1 was not accessible on 2/26/09 due to snow pile coverage.

REPUTED OWNER
FRONTIER
FEDERATED CO-OP
L-6644, P-378
ASPHALT PARKING AREA

REPUTED OWNER
RICHARD A. DIVITA
L-9068, P-472
BUILDING

NORTH

GW-2 GW ELEV. 655.55'
GW-7 GW ELEV. 653.10'
GW-6 GW ELEV. NA
GW-5 GW ELEV. 656.00'
GW-3 GW ELEV. 656.34'
GW-1 GW ELEV. 654.67'
GW-4 GW ELEV. 652.21'

BH-1 BH-2 BH-3 BH-4 BH-5 BH-6 BH-7 BH-8 BH-9 BH-10 BH-11 BH-12 BH-13 BH-14 BH-15 BH-16 BH-17

GW-3 REDOX
JULY 16, 2002 NR

ASPHALT
CONCRETE
CONC. PAD
GRASS
ASPHALT PARKING AREA
ASPHALT PARKING AREA

106.20' DEED
44.70'
13.23'
10.15'
5.90'
27.35'
2.40'
4.50'
23' DEED
90° DEED
51.25'
6.55'
2.80'
2.95'
31.15'
11.10'
29.40'
149.40' DEED
9.0'
2.95'
2.30'
OE
39.50'
4.90'
52.35'
17.10'
8.05'
69.20'
123.71' DEED
88.20'
113.45'
161.84' DEED
47.10'
95.70'
1.20'
0.35'
0.78'
77.75'
11.4'
177.98' DEED
365.77' DEED
187.79' DEED
220.50' DEED

655
654
653
656

BENCHMARK: TOP OF METAL FLASHING AT CORNER OF FENCED CONCRETE HOLDING AREA - ELEV. 657.98

ONE STORY
BUILDING NO. 1746

REPUTED OWNER
THE ROTARY COMPANY, INC.
L-5485, P-488

L-5485, P-488
2nd DESCRIBED PARCEL

P.P. NYSEG 1976/1 NYT 2
P.P. NYSEG 1976A-1 NYT 1
P.P. NYSEG 35
P.P. NYSEG 34
P.P. NYSEG 33 BELL 1/2

OE&T

DALE ROAD (66.0' WIDE)
ADDITION (FORMERLY WALDEN AVENUE)
ANDERSON ROAD (VARYING WIDTHS) (FORMERLY GOOD ROAD) (FORMERLY 100.0' WIDE PRIVATE ROAD)

LEGEND

OE	OVERHEAD ELECTRIC
OE&T	OVERHEAD ELECTRIC & TELEPHONE
X	CHAIN LINK FENCE
P.P.	POWER POLE
GW-1	MONITORING WELL
BH-1	BORE HOLE LOCATION

NOTE:
1) GROUNDWATER ELEVATION MEASUREMENTS OBTAINED ON APRIL 27, 2009 USING AN ELECTRONIC WATER LEVEL INDICATOR.
2) GROUNDWATER CONTOUR LINES ARE BASED UPON LINEAR INTERPOLATION BETWEEN MONITORING WELLS AND SHOULD BE CONSIDERED ACURATE TO THE DEGREE IMPLIED BY THE METHOD USED.
3) WELL MONITORING POINT ELEVATIONS WERE OBTAINED BY MCINTOSH & MCINTOSH, PC AND REFERENCED TO NGVD.
4) GROUNDWATER ELEVATION DATA FROM GW-6 NOT USED FOR CONTOUR MAPPING PURPOSES. AS OF APRIL 27,2009 SAMPLING EVENT, BROKEN PAVEMENT AND GRAVEL HAVE ENTERED THE WELL, RENDERING GROUNDWATER ELEVATION DATA UNRELIABLE.

Title	GROUNDWATER CONTOUR MAP FOR APRIL 27, 2009 RoCo, Ltd., Cheektowaga, New York
Prepared For:	Jaeckle, Fleischmann & Mugel, LLP

Leader Professional Services, Inc.
2813 Wehrle Drive, Suite 1
Williamsville, New York
14221
(716) 565-0963
(716) 565-0964 (fax)

Project Number:	147.007		
Date:	May 2009		
Drawn By:	LAA	Checked By:	JAW
Scale:	NONE		

Figure Number: 4

REPUTED OWNER
FRONTIER
FEDERATED CO-OP
L-6644, P-378
ASPHALT PARKING AREA

REPUTED OWNER
RICHARD A. DIVITA
L-9068, P-472
BUILDING

REPUTED OWNER
THE ROTARY COMPANY, INC.
L-5485, P-488

L-5485, P-488
2nd DESCRIBED PARCEL

ONE STORY
BUILDING NO. 1746

ASPHALT PARKING AREA

BENCHMARK: TOP OF METAL FLASHING AT CORNER OF FENCED CONCRETE HOLDING AREA = ELEV. 657.98

DALE ROAD (66.0' WIDE)

ANDERSON ROAD (VARYING WIDTHS) (FORMERLY GOODRICH ROAD) (FORMERLY 100.0' WIDE PRIVATE ROAD)

SAMPLE IDENTIFICATION TABLE

Canister Number	Location of Air Sample
C-1018	SS #1
C-1003	Am #1
C-1002	Duplicate of Am #1
C-1005	SS #2
C-1017	Am #2
C-1010	SS #3
C-1021	Am #3
C-1026	SS #4
C-1007	Am #4
C-1020	SS #5
C-1011	Am #5
C-1000	SS #6
C-1001	Am #6
C-1009	Am #7 (outdoor downwind)
C-1023	Am #8 (outdoor upwind)

LEGEND

- OE — OVERHEAD ELECTRIC
- OE&T — OVERHEAD ELECTRIC & TELEPHONE
- X — CHAIN LINK FENCE
- Ø P.P. — POWER POLE
- GW-1 — MONITORING WELL
- BH-1 — BORE HOLE LOCATION
- IP-1 — INJECTION POINT LOCATION
- B-19 — BORE HOLE LOCATION
- AMBIENT AIR SAMPLE ("Am")
- SUB SLAB AIR SAMPLE ("SS")

NOTE:

1) ONLY CONCENTRATIONS OF ANALYTES ABOVE APPLICABLE STANDARDS OR GDUIDANCE VALUES ARE SHOWN.
2) GW-6 AND GW-7 ARE THE LOCATIONS OF THE TWO MONITORING WELLS FOR THE SUPPLEMENTAL SI.
3) BH-15, BH-16, AND BH-17 ARE THE LOCATIONS OF THE SOIL BORINGS FOR THE SUPPLEMENTAL SI.

Title	INTRUSIVE SOIL VAPOR SAMPLE LOCATION MAP RoCo, Ltd., Cheektowaga, New York
Prepared For:	Jaeckle, Fleischmann & Mugel, LLP

Leader Professional Services, Inc.
2813 Wehrle Drive
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Project Number:	147.007
Date:	SEPTEMBER 2007
Drawn By:	LAA
Checked By:	JAW
Scale:	1" = 30 FEET

Figure Number: 5

UPSTATE FARMS
REPUTED OWNER
FRONTIER
FEDERATED CO-OP
L-6644, P-378
ASPHALT PARKING AREA

DAVIS ELECTRIC
REPUTED OWNER
RICHARD A. DIVITA
L-9068, P-472
BUILDING

REPUTED OWNER
THE ROTARY COMPANY, INC.
L-5485, P-488
ONE STORY
BUILDING NO. 1746

L-5485, P-488
2nd DESCRIBED PARCEL

ASPHALT PARKING AREA

DALE ROAD

ANDERSON ROAD

B-19, B-15, B-17, B-8A, B-16, B-20, B-14, B-13, B-12, B-11, B-10, B-18, B-9A, B-7, B-4A, B-4, B-6, B-5, B-5A, B-3, B-2, B-1

GW-2, GW-7, GW-6, GW-4, GW-3, GW-1, GW-5

IP-1, IP-2, IP-3, IP-4, IP-5, IP-6, IP-7, IP-8, IP-9

BH-5, BH-6, BH-15, BH-16, BH-17, BH-9, BH-4, BH-3, BH-8, BH-10, BH-12, BH-13, BH-14, BH-11, BH-1, BH-2

ASPHALT, CONCRETE, CONC., GRASS, CONC. PAD, OE, OE&T

P.P. NYSEG 1976/1 NYT 2
P.P. NYSEG 1976A-1 NYT 1
P.P. NYSEG 35
P.P. NYSEG 34
P.P. NYSEG 33 BELL 1/2

BENCHMARK: TOP OF METAL FLASHING AT CORNER OF FENCED CONCRETE HOLDING AREA – ELEV. 657.98

LEGEND

B-1	•	BORE HOLE LOCATION-PREVIOUS STUDIES
BH-8	•	BORE HOLE LOCATION-SI
GW-4	+	MONITORING WELL-SI
BH-15	◉	BORE HOLE LOCATION-SSI
GW-7	✳	MONITORING WELL-SSI
IP-5	⬭	INJECTION POINT LOCATION-BPS

NOTES:

1) SITE PLAN PREPARED BY McINTOSH & McINTOSH, P.C.
2) LOCATIONS OF SITE FEATURES AND SAMPLING LOCATIONS ARE APPROXIMATE.
3) CONTOUR LINES WERE GENERATED USING SURFER VERSION 7.0.

Title	HRC INJECTION POINT LOCATIONS RoCo, Ltd., Cheektowaga, New York
Prepared For:	Jaeckle, Fleischmann & Mugel, LLP

Leader Professional Services, Inc.
2300 Wehrle Drive
Williamsville, New York 14228
(716) 565-0963
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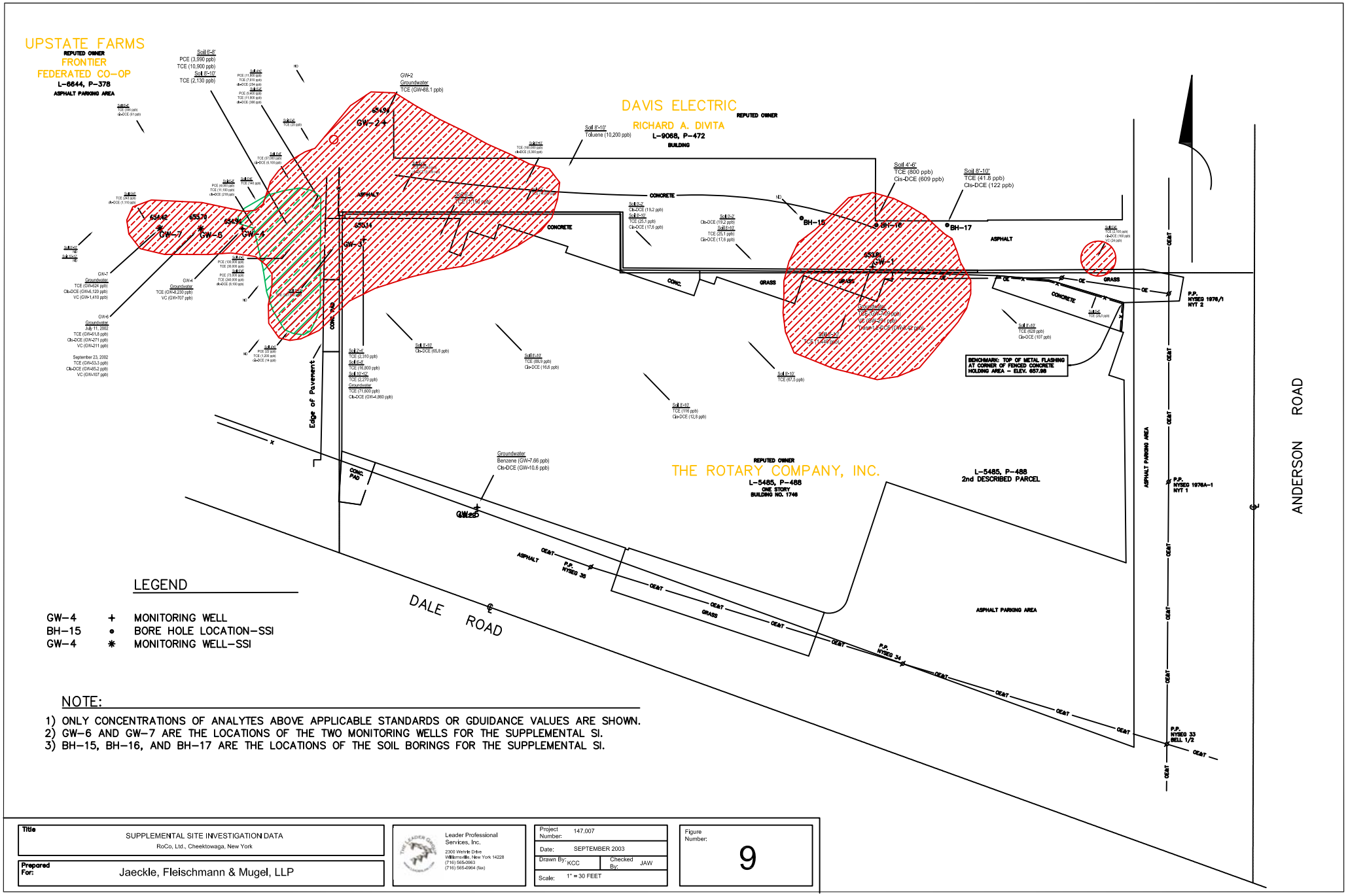
Project Number:	147.007
Date:	OCTOBER 2003
Drawn By: KCC	Checked By: JAW
Scale:	1" = 30 FEET

Figure Number: 6



NOTE:

1) ONLY CONCENTRATIONS OF ANALYTES ABOVE APPLICABLE STANDARDS OR GDUIDANCE VALUES ARE SHOWN.
2) GW-6 AND GW-7 ARE THE LOCATIONS OF THE TWO MONITORING WELLS FOR THE SUPPLEMENTAL SI.
3) BH-15, BH-16, AND BH-17 ARE THE LOCATIONS OF THE SOIL BORINGS FOR THE SUPPLEMENTAL SI.

Title	SUPPLEMENTAL SITE INVESTIGATION DATA RoCo, Ltd., Cheektowaga, New York
Prepared For:	Jaeckle, Fleischmann & Mugel, LLP

Leader Professional Services, Inc.
2300 Wehrle Drive
Williamsville, New York 14228
(716) 565-0063
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Project Number:	147.007
Date:	SEPTEMBER 2003
Drawn By:	KCC
Checked By:	JAW
Scale:	1" = 30 FEET

Figure Number: 9

DAVIS ELECTRIC
REPUTED OWNER
RICHARD A. DIVITA
L-9068, P-472
BUILDING

UPSTATE FARMS
REPUTED OWNER
FRONTIER
FEDERATED CO-OP
L-6644, P-378
ASPHALT PARKING AREA

THE ROTARY COMPANY, INC.
REPUTED OWNER
L-5485, P-488
ONE STORY
BUILDING NO. 1746

L-5485, P-488
2nd DESCRIBED PARCEL

ASPHALT PARKING AREA

ASPHALT PARKING AREA

GW-1
GW-2
GW-3
GW-4
GW-5
GW-6
GW-7

Groundwater
Cis-DCE (GW-8.51 ppb)
VC (GW-46.1 ppb)

Groundwater
Cis-DCE (GW-0.87 ppb)
VC (GW-138 ppb)

Groundwater
Cis-DCE (GW-66.2 ppb)
VC (GW-30.8 ppb)

BH-1
BH-2
BH-3
BH-4
BH-5
BH-6
BH-7
BH-8
BH-9
BH-10
BH-11
BH-12
BH-13
BH-14
BH-15
BH-16
BH-17

ASPHALT
CONCRETE
CONC.
CONC. PAD
GRASS
OE
OE&T
P.P. NYSEG 1976/1 NYT 2
P.P. NYSEG 1976A-1 NYT 1
P.P. NYSEG 35
P.P. NYSEG 34
P.P. NYSEG 33 BELL 1/2

BENCHMARK: TOP OF METAL FLASHING AT CORNER OF FENCED CONCRETE HOLDING AREA = ELEV. 657.98

DALE ROAD

ANDERSON ROAD

LEGEND

BH-8	○	BORE HOLE LOCATION
GW-4	+	MONITORING WELL
BH-15	○	BORE HOLE LOCATION-SSI
GW-4	+	MONITORING WELL

NOTE:

1) ONLY CONCENTRATIONS OF ANALYTES ABOVE APPLICABLE STANDARDS OR GDUIDANCE VALUES ARE SHOWN.
2) GW-6 AND GW-7 ARE THE LOCATIONS OF THE TWO MONITORING WELLS FOR THE SUPPLEMENTAL SI.
3) BH-15, BH-16, AND BH-17 ARE THE LOCATIONS OF THE SOIL BORINGS FOR THE SUPPLEMENTAL SI.

Title	Monitoring Well Array and Post-remedial Groundwater Quality Conditions RoCo, Ltd., Cheektowaga, New York
Prepared For:	Jaeckle, Fleischmann & Mugel, LLP

Leader Professional Services, Inc.
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Project Number:	147.007
Date:	SEPTEMBER 2003
Drawn By:	KCC
Checked By:	JAW
Scale:	1" = 30 FEET

Figure Number: 11

ATTACHMENT B

LABORATORY REPORT
AUGUST 2014

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: 480-66089-1
Client Project/Site: Dale Rd

For:
Iyer Environmental Group, LLC
44 Rolling Hills Drive
Orchard Park, New York 14127

Attn: Dr. Dharmarajan R Iyer

Authorized for release by:
8/29/2014 4:05:57 PM
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Table of Contents

Qualifiers

Air - 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.
*	LCS or LCSD exceeds the control limits

Glossary

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

Job ID: 480-66089-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-66089-1

Receipt
The sample was received on 8/22/2014 10:20 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 21.0º C.

Air Toxics
Method(s) TO-15: The laboratory control sample (LCS) for batch 76561 recovered outside lower control limits for the following analytes: 2-Hexanone. This analyte was diluted below the reporting limit due to high concentrations of other target analytes, and was expected to be a non-detect based on screen data. Therefore, the data have been qualified and reported: (LCS 200-76561/3), SV-01 (480-66089-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Iyer Environmental Group, LLC
Project/Site: Dale Rd

TestAmerica Job ID: 480-66089-1

Client Sample ID: SV-01

Lab Sample ID: 480-66089-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	200	J	320	39	ppb v/v	1620		TO-15	Total/NA
1,2-Dichloroethene, Total	590		320	100	ppb v/v	1620		TO-15	Total/NA
cis-1,2-Dichloroethene	590		320	62	ppb v/v	1620		TO-15	Total/NA
Tetrachloroethene	100	J	320	26	ppb v/v	1620		TO-15	Total/NA
Toluene	56	J	320	28	ppb v/v	1620		TO-15	Total/NA
Trichloroethene	35000		320	39	ppb v/v	1620		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	800	J	1300	150	ug/m3	1620		TO-15	Total/NA
1,2-Dichloroethene, Total	2300		1300	410	ug/m3	1620		TO-15	Total/NA
cis-1,2-Dichloroethene	2300		1300	240	ug/m3	1620		TO-15	Total/NA
Tetrachloroethene	710	J	2200	180	ug/m3	1620		TO-15	Total/NA
Toluene	210	J	1200	100	ug/m3	1620		TO-15	Total/NA
Trichloroethene	190000		1700	210	ug/m3	1620		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Iyer Environmental Group, LLC
Project/Site: Dale Rd

TestAmerica Job ID: 480-66089-1

Client Sample ID: SV-01
Date Collected: 08/20/14 12:00
Date Received: 08/22/14 10:20
Sample Container: Summa Canister 6L

Lab Sample ID: 480-66089-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		320	34	ppb v/v			08/27/14 17:12	1620
1,1,2,2-Tetrachloroethane	ND		320	26	ppb v/v			08/27/14 17:12	1620
1,1,2-Trichloroethane	ND		320	28	ppb v/v			08/27/14 17:12	1620
1,1-Dichloroethane	ND		320	62	ppb v/v			08/27/14 17:12	1620
1,1-Dichloroethene	**200**	**J**	320	39	ppb v/v			08/27/14 17:12	1620
1,2,4-Trichlorobenzene	ND		810	44	ppb v/v			08/27/14 17:12	1620
1,2,4-Trimethylbenzene	ND		320	23	ppb v/v			08/27/14 17:12	1620
1,2-Dibromoethane	ND		320	32	ppb v/v			08/27/14 17:12	1620
1,2-Dichlorobenzene	ND		320	23	ppb v/v			08/27/14 17:12	1620
1,2-Dichloroethane	ND		320	28	ppb v/v			08/27/14 17:12	1620
1,2-Dichloroethene, Total	**590**		320	100	ppb v/v			08/27/14 17:12	1620
1,2-Dichloropropane	ND		320	52	ppb v/v			08/27/14 17:12	1620
1,2-Dichlorotetrafluoroethane	ND		320	57	ppb v/v			08/27/14 17:12	1620
1,3,5-Trimethylbenzene	ND		320	19	ppb v/v			08/27/14 17:12	1620
1,3-Butadiene	ND		320	68	ppb v/v			08/27/14 17:12	1620
1,3-Dichlorobenzene	ND		320	23	ppb v/v			08/27/14 17:12	1620
1,4-Dichlorobenzene	ND		320	23	ppb v/v			08/27/14 17:12	1620
1,4-Dioxane	ND		8100	320	ppb v/v			08/27/14 17:12	1620
2,2,4-Trimethylpentane	ND		320	44	ppb v/v			08/27/14 17:12	1620
2-Chlorotoluene	ND		320	21	ppb v/v			08/27/14 17:12	1620
3-Chloropropene	ND		810	55	ppb v/v			08/27/14 17:12	1620
4-Ethyltoluene	ND		320	29	ppb v/v			08/27/14 17:12	1620
4-Isopropyltoluene	ND		320	130	ppb v/v			08/27/14 17:12	1620
Acetone	ND		8100	2000	ppb v/v			08/27/14 17:12	1620
Benzene	ND		320	31	ppb v/v			08/27/14 17:12	1620
Benzyl chloride	ND		320	130	ppb v/v			08/27/14 17:12	1620
Bromodichloromethane	ND		320	28	ppb v/v			08/27/14 17:12	1620
Bromoethene(Vinyl Bromide)	ND		320	49	ppb v/v			08/27/14 17:12	1620
Bromoform	ND		320	16	ppb v/v			08/27/14 17:12	1620
Bromomethane	ND		320	45	ppb v/v			08/27/14 17:12	1620
Carbon disulfide	ND		810	110	ppb v/v			08/27/14 17:12	1620
Carbon tetrachloride	ND		320	34	ppb v/v			08/27/14 17:12	1620
Chlorobenzene	ND		320	13	ppb v/v			08/27/14 17:12	1620
Chloroethane	ND		810	49	ppb v/v			08/27/14 17:12	1620
Chloroform	ND		320	41	ppb v/v			08/27/14 17:12	1620
Chloromethane	ND		810	220	ppb v/v			08/27/14 17:12	1620
cis-1,2-Dichloroethene	**590**		320	62	ppb v/v			08/27/14 17:12	1620
cis-1,3-Dichloropropene	ND		320	45	ppb v/v			08/27/14 17:12	1620
Cumene	ND		320	26	ppb v/v			08/27/14 17:12	1620
Cyclohexane	ND		320	41	ppb v/v			08/27/14 17:12	1620
Dibromochloromethane	ND		320	32	ppb v/v			08/27/14 17:12	1620
Dichlorodifluoromethane	ND		810	49	ppb v/v			08/27/14 17:12	1620
Ethylbenzene	ND		320	21	ppb v/v			08/27/14 17:12	1620
Freon 22	ND		810	78	ppb v/v			08/27/14 17:12	1620
Freon TF	ND		320	29	ppb v/v			08/27/14 17:12	1620
Hexachlorobutadiene	ND		320	36	ppb v/v			08/27/14 17:12	1620
Isopropyl alcohol	ND		8100	350	ppb v/v			08/27/14 17:12	1620
m,p-Xylene	ND		810	37	ppb v/v			08/27/14 17:12	1620

Client: Iyer Environmental Group, LLC
Project/Site: Dale Rd

TestAmerica Job ID: 480-66089-1

Client Sample ID: SV-01
Date Collected: 08/20/14 12:00
Date Received: 08/22/14 10:20
Sample Container: Summa Canister 6L

Lab Sample ID: 480-66089-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND	*	810	320	ppb v/v			08/27/14 17:12	1620
Methyl Ethyl Ketone	ND		810	390	ppb v/v			08/27/14 17:12	1620
methyl isobutyl ketone	ND		810	44	ppb v/v			08/27/14 17:12	1620
Methyl methacrylate	ND		810	49	ppb v/v			08/27/14 17:12	1620
Methyl tert-butyl ether	ND		320	36	ppb v/v			08/27/14 17:12	1620
Methylene Chloride	ND		810	200	ppb v/v			08/27/14 17:12	1620
Naphthalene	ND		810	320	ppb v/v			08/27/14 17:12	1620
n-Butane	ND		810	460	ppb v/v			08/27/14 17:12	1620
n-Butylbenzene	ND		320	130	ppb v/v			08/27/14 17:12	1620
n-Heptane	ND		320	75	ppb v/v			08/27/14 17:12	1620
n-Hexane	ND		320	55	ppb v/v			08/27/14 17:12	1620
n-Propylbenzene	ND		320	130	ppb v/v			08/27/14 17:12	1620
sec-Butylbenzene	ND		320	130	ppb v/v			08/27/14 17:12	1620
Styrene	ND		320	29	ppb v/v			08/27/14 17:12	1620
tert-Butyl alcohol	ND		8100	530	ppb v/v			08/27/14 17:12	1620
tert-Butylbenzene	ND		320	28	ppb v/v			08/27/14 17:12	1620
Tetrachloroethene	**100**	**J**	320	26	ppb v/v			08/27/14 17:12	1620
Tetrahydrofuran	ND		8100	75	ppb v/v			08/27/14 17:12	1620
Toluene	**56**	**J**	320	28	ppb v/v			08/27/14 17:12	1620
trans-1,2-Dichloroethene	ND		320	47	ppb v/v			08/27/14 17:12	1620
trans-1,3-Dichloropropene	ND		320	36	ppb v/v			08/27/14 17:12	1620
Trichloroethene	**35000**		320	39	ppb v/v			08/27/14 17:12	1620
Trichlorofluoromethane	ND		320	49	ppb v/v			08/27/14 17:12	1620
Vinyl chloride	ND		320	62	ppb v/v			08/27/14 17:12	1620
Xylene (total)	ND		320	55	ppb v/v			08/27/14 17:12	1620
Xylene, o-	ND		320	26	ppb v/v			08/27/14 17:12	1620

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1800	190	ug/m3			08/27/14 17:12	1620
1,1,2,2-Tetrachloroethane	ND		2200	180	ug/m3			08/27/14 17:12	1620
1,1,2-Trichloroethane	ND		1800	150	ug/m3			08/27/14 17:12	1620
1,1-Dichloroethane	ND		1300	250	ug/m3			08/27/14 17:12	1620
1,1-Dichloroethene	**800**	**J**	1300	150	ug/m3			08/27/14 17:12	1620
1,2,4-Trichlorobenzene	ND		6000	320	ug/m3			08/27/14 17:12	1620
1,2,4-Trimethylbenzene	ND		1600	110	ug/m3			08/27/14 17:12	1620
1,2-Dibromoethane	ND		2500	250	ug/m3			08/27/14 17:12	1620
1,2-Dichlorobenzene	ND		1900	140	ug/m3			08/27/14 17:12	1620
1,2-Dichloroethane	ND		1300	110	ug/m3			08/27/14 17:12	1620
1,2-Dichloroethene, Total	**2300**		1300	410	ug/m3			08/27/14 17:12	1620
1,2-Dichloropropane	ND		1500	240	ug/m3			08/27/14 17:12	1620
1,2-Dichlorotetrafluoroethane	ND		2300	400	ug/m3			08/27/14 17:12	1620
1,3,5-Trimethylbenzene	ND		1600	96	ug/m3			08/27/14 17:12	1620
1,3-Butadiene	ND		720	150	ug/m3			08/27/14 17:12	1620
1,3-Dichlorobenzene	ND		1900	140	ug/m3			08/27/14 17:12	1620
1,4-Dichlorobenzene	ND		1900	140	ug/m3			08/27/14 17:12	1620
1,4-Dioxane	ND		29000	1200	ug/m3			08/27/14 17:12	1620
2,2,4-Trimethylpentane	ND		1500	200	ug/m3			08/27/14 17:12	1620
2-Chlorotoluene	ND		1700	110	ug/m3			08/27/14 17:12	1620
3-Chloropropene	ND		2500	170	ug/m3			08/27/14 17:12	1620

Client: Iyer Environmental Group, LLC
Project/Site: Dale Rd

TestAmerica Job ID: 480-66089-1

Client Sample ID: SV-01
Date Collected: 08/20/14 12:00
Date Received: 08/22/14 10:20
Sample Container: Summa Canister 6L

Lab Sample ID: 480-66089-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Ethyltoluene	ND		1600	140	ug/m3			08/27/14 17:12	1620
4-Isopropyltoluene	ND		1800	710	ug/m3			08/27/14 17:12	1620
Acetone	ND		19000	4800	ug/m3			08/27/14 17:12	1620
Benzene	ND		1000	98	ug/m3			08/27/14 17:12	1620
Benzyl chloride	ND		1700	670	ug/m3			08/27/14 17:12	1620
Bromodichloromethane	ND		2200	180	ug/m3			08/27/14 17:12	1620
Bromoethene(Vinyl Bromide)	ND		1400	210	ug/m3			08/27/14 17:12	1620
Bromoform	ND		3300	170	ug/m3			08/27/14 17:12	1620
Bromomethane	ND		1300	180	ug/m3			08/27/14 17:12	1620
Carbon disulfide	ND		2500	330	ug/m3			08/27/14 17:12	1620
Carbon tetrachloride	ND		2000	210	ug/m3			08/27/14 17:12	1620
Chlorobenzene	ND		1500	60	ug/m3			08/27/14 17:12	1620
Chloroethane	ND		2100	130	ug/m3			08/27/14 17:12	1620
Chloroform	ND		1600	200	ug/m3			08/27/14 17:12	1620
Chloromethane	ND		1700	450	ug/m3			08/27/14 17:12	1620
cis-1,2-Dichloroethene	**2300**		1300	240	ug/m3			08/27/14 17:12	1620
cis-1,3-Dichloropropene	ND		1500	210	ug/m3			08/27/14 17:12	1620
Cumene	ND		1600	130	ug/m3			08/27/14 17:12	1620
Cyclohexane	ND		1100	140	ug/m3			08/27/14 17:12	1620
Dibromochloromethane	ND		2800	280	ug/m3			08/27/14 17:12	1620
Dichlorodifluoromethane	ND		4000	240	ug/m3			08/27/14 17:12	1620
Ethylbenzene	ND		1400	91	ug/m3			08/27/14 17:12	1620
Freon 22	ND		2900	280	ug/m3			08/27/14 17:12	1620
Freon TF	ND		2500	220	ug/m3			08/27/14 17:12	1620
Hexachlorobutadiene	ND		3500	380	ug/m3			08/27/14 17:12	1620
Isopropyl alcohol	ND		20000	860	ug/m3			08/27/14 17:12	1620
m,p-Xylene	ND		3500	160	ug/m3			08/27/14 17:12	1620
Methyl Butyl Ketone (2-Hexanone)	ND	*	3300	1300	ug/m3			08/27/14 17:12	1620
Methyl Ethyl Ketone	ND		2400	1200	ug/m3			08/27/14 17:12	1620
methyl isobutyl ketone	ND		3300	180	ug/m3			08/27/14 17:12	1620
Methyl methacrylate	ND		3300	200	ug/m3			08/27/14 17:12	1620
Methyl tert-butyl ether	ND		1200	130	ug/m3			08/27/14 17:12	1620
Methylene Chloride	ND		2800	700	ug/m3			08/27/14 17:12	1620
Naphthalene	ND		4200	1700	ug/m3			08/27/14 17:12	1620
n-Butane	ND		1900	1100	ug/m3			08/27/14 17:12	1620
n-Butylbenzene	ND		1800	710	ug/m3			08/27/14 17:12	1620
n-Heptane	ND		1300	310	ug/m3			08/27/14 17:12	1620
n-Hexane	ND		1100	190	ug/m3			08/27/14 17:12	1620
n-Propylbenzene	ND		1600	640	ug/m3			08/27/14 17:12	1620
sec-Butylbenzene	ND		1800	710	ug/m3			08/27/14 17:12	1620
Styrene	ND		1400	120	ug/m3			08/27/14 17:12	1620
tert-Butyl alcohol	ND		25000	1600	ug/m3			08/27/14 17:12	1620
tert-Butylbenzene	ND		1800	150	ug/m3			08/27/14 17:12	1620
Tetrachloroethene	**710**	**J**	2200	180	ug/m3			08/27/14 17:12	1620
Tetrahydrofuran	ND		24000	220	ug/m3			08/27/14 17:12	1620
Toluene	**210**	**J**	1200	100	ug/m3			08/27/14 17:12	1620
trans-1,2-Dichloroethene	ND		1300	190	ug/m3			08/27/14 17:12	1620
trans-1,3-Dichloropropene	ND		1500	160	ug/m3			08/27/14 17:12	1620

Client: Iyer Environmental Group, LLC
Project/Site: Dale Rd

TestAmerica Job ID: 480-66089-1

Client Sample ID: SV-01
Lab Sample ID: 480-66089-1
Date Collected: 08/20/14 12:00
Matrix: Air
Date Received: 08/22/14 10:20
Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**190000**		1700	210	ug/m3			08/27/14 17:12	1620
Trichlorofluoromethane	ND		1800	270	ug/m3			08/27/14 17:12	1620
Vinyl chloride	ND		830	160	ug/m3			08/27/14 17:12	1620
Xylene (total)	ND		1400	240	ug/m3			08/27/14 17:12	1620
Xylene, o-	ND		1400	110	ug/m3			08/27/14 17:12	1620

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-76561/4
Matrix: Air
Analysis Batch: 76561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.20	0.021	ppb v/v			08/27/14 12:56	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.016	ppb v/v			08/27/14 12:56	1
1,1,2-Trichloroethane	ND		0.20	0.017	ppb v/v			08/27/14 12:56	1
1,1-Dichloroethane	ND		0.20	0.038	ppb v/v			08/27/14 12:56	1
1,1-Dichloroethene	ND		0.20	0.024	ppb v/v			08/27/14 12:56	1
1,2,4-Trichlorobenzene	0.0291	J	0.50	0.027	ppb v/v			08/27/14 12:56	1
1,2,4-Trimethylbenzene	ND		0.20	0.014	ppb v/v			08/27/14 12:56	1
1,2-Dibromoethane	ND		0.20	0.020	ppb v/v			08/27/14 12:56	1
1,2-Dichlorobenzene	ND		0.20	0.014	ppb v/v			08/27/14 12:56	1
1,2-Dichloroethane	ND		0.20	0.017	ppb v/v			08/27/14 12:56	1
1,2-Dichloroethene, Total	ND		0.20	0.064	ppb v/v			08/27/14 12:56	1
1,2-Dichloropropane	ND		0.20	0.032	ppb v/v			08/27/14 12:56	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.035	ppb v/v			08/27/14 12:56	1
1,3,5-Trimethylbenzene	ND		0.20	0.012	ppb v/v			08/27/14 12:56	1
1,3-Butadiene	ND		0.20	0.042	ppb v/v			08/27/14 12:56	1
1,3-Dichlorobenzene	0.0171	J	0.20	0.014	ppb v/v			08/27/14 12:56	1
1,4-Dichlorobenzene	0.0173	J	0.20	0.014	ppb v/v			08/27/14 12:56	1
1,4-Dioxane	ND		5.0	0.20	ppb v/v			08/27/14 12:56	1
2,2,4-Trimethylpentane	ND		0.20	0.027	ppb v/v			08/27/14 12:56	1
2-Chlorotoluene	ND		0.20	0.013	ppb v/v			08/27/14 12:56	1
3-Chloropropene	ND		0.50	0.034	ppb v/v			08/27/14 12:56	1
4-Ethyltoluene	ND		0.20	0.018	ppb v/v			08/27/14 12:56	1
4-Isopropyltoluene	ND		0.20	0.080	ppb v/v			08/27/14 12:56	1
Acetone	ND		5.0	1.3	ppb v/v			08/27/14 12:56	1
Benzene	ND		0.20	0.019	ppb v/v			08/27/14 12:56	1
Benzyl chloride	ND		0.20	0.080	ppb v/v			08/27/14 12:56	1
Bromodichloromethane	ND		0.20	0.017	ppb v/v			08/27/14 12:56	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.030	ppb v/v			08/27/14 12:56	1
Bromoform	ND		0.20	0.010	ppb v/v			08/27/14 12:56	1
Bromomethane	ND		0.20	0.028	ppb v/v			08/27/14 12:56	1
Carbon disulfide	ND		0.50	0.066	ppb v/v			08/27/14 12:56	1
Carbon tetrachloride	ND		0.20	0.021	ppb v/v			08/27/14 12:56	1
Chlorobenzene	ND		0.20	0.0081	ppb v/v			08/27/14 12:56	1
Chloroethane	ND		0.50	0.030	ppb v/v			08/27/14 12:56	1
Chloroform	ND		0.20	0.025	ppb v/v			08/27/14 12:56	1
Chloromethane	ND		0.50	0.14	ppb v/v			08/27/14 12:56	1
cis-1,2-Dichloroethene	ND		0.20	0.038	ppb v/v			08/27/14 12:56	1
cis-1,3-Dichloropropene	ND		0.20	0.028	ppb v/v			08/27/14 12:56	1
Cumene	ND		0.20	0.016	ppb v/v			08/27/14 12:56	1
Cyclohexane	ND		0.20	0.025	ppb v/v			08/27/14 12:56	1
Dibromochloromethane	ND		0.20	0.020	ppb v/v			08/27/14 12:56	1
Dichlorodifluoromethane	ND		0.50	0.030	ppb v/v			08/27/14 12:56	1
Ethylbenzene	ND		0.20	0.013	ppb v/v			08/27/14 12:56	1
Freon 22	ND		0.50	0.048	ppb v/v			08/27/14 12:56	1
Freon TF	ND		0.20	0.018	ppb v/v			08/27/14 12:56	1
Hexachlorobutadiene	ND		0.20	0.022	ppb v/v			08/27/14 12:56	1
Isopropyl alcohol	ND		5.0	0.22	ppb v/v			08/27/14 12:56	1
m,p-Xylene	ND		0.50	0.023	ppb v/v			08/27/14 12:56	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-76561/4
Matrix: Air
Analysis Batch: 76561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			08/27/14 12:56	1
Methyl Ethyl Ketone	ND		0.50	0.24	ppb v/v			08/27/14 12:56	1
methyl isobutyl ketone	ND		0.50	0.027	ppb v/v			08/27/14 12:56	1
Methyl methacrylate	ND		0.50	0.030	ppb v/v			08/27/14 12:56	1
Methyl tert-butyl ether	ND		0.20	0.022	ppb v/v			08/27/14 12:56	1
Methylene Chloride	ND		0.50	0.13	ppb v/v			08/27/14 12:56	1
Naphthalene	ND		0.50	0.20	ppb v/v			08/27/14 12:56	1
n-Butane	ND		0.50	0.28	ppb v/v			08/27/14 12:56	1
n-Butylbenzene	ND		0.20	0.080	ppb v/v			08/27/14 12:56	1
n-Heptane	ND		0.20	0.046	ppb v/v			08/27/14 12:56	1
n-Hexane	ND		0.20	0.034	ppb v/v			08/27/14 12:56	1
n-Propylbenzene	ND		0.20	0.080	ppb v/v			08/27/14 12:56	1
sec-Butylbenzene	ND		0.20	0.080	ppb v/v			08/27/14 12:56	1
Styrene	ND		0.20	0.018	ppb v/v			08/27/14 12:56	1
tert-Butyl alcohol	ND		5.0	0.33	ppb v/v			08/27/14 12:56	1
tert-Butylbenzene	ND		0.20	0.017	ppb v/v			08/27/14 12:56	1
Tetrachloroethene	ND		0.20	0.016	ppb v/v			08/27/14 12:56	1
Tetrahydrofuran	ND		5.0	0.046	ppb v/v			08/27/14 12:56	1
Toluene	ND		0.20	0.017	ppb v/v			08/27/14 12:56	1
trans-1,2-Dichloroethene	ND		0.20	0.029	ppb v/v			08/27/14 12:56	1
trans-1,3-Dichloropropene	ND		0.20	0.022	ppb v/v			08/27/14 12:56	1
Trichloroethene	ND		0.20	0.024	ppb v/v			08/27/14 12:56	1
Trichlorofluoromethane	ND		0.20	0.030	ppb v/v			08/27/14 12:56	1
Vinyl chloride	ND		0.20	0.038	ppb v/v			08/27/14 12:56	1
Xylene (total)	ND		0.20	0.034	ppb v/v			08/27/14 12:56	1
Xylene, o-	ND		0.20	0.016	ppb v/v			08/27/14 12:56	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.1	0.11	ug/m3			08/27/14 12:56	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.11	ug/m3			08/27/14 12:56	1
1,1,2-Trichloroethane	ND		1.1	0.093	ug/m3			08/27/14 12:56	1
1,1-Dichloroethane	ND		0.81	0.15	ug/m3			08/27/14 12:56	1
1,1-Dichloroethene	ND		0.79	0.095	ug/m3			08/27/14 12:56	1
1,2,4-Trichlorobenzene	0.216	J	3.7	0.20	ug/m3			08/27/14 12:56	1
1,2,4-Trimethylbenzene	ND		0.98	0.069	ug/m3			08/27/14 12:56	1
1,2-Dibromoethane	ND		1.5	0.15	ug/m3			08/27/14 12:56	1
1,2-Dichlorobenzene	ND		1.2	0.084	ug/m3			08/27/14 12:56	1
1,2-Dichloroethane	ND		0.81	0.069	ug/m3			08/27/14 12:56	1
1,2-Dichloroethene, Total	ND		0.79	0.25	ug/m3			08/27/14 12:56	1
1,2-Dichloropropane	ND		0.92	0.15	ug/m3			08/27/14 12:56	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.24	ug/m3			08/27/14 12:56	1
1,3,5-Trimethylbenzene	ND		0.98	0.059	ug/m3			08/27/14 12:56	1
1,3-Butadiene	ND		0.44	0.093	ug/m3			08/27/14 12:56	1
1,3-Dichlorobenzene	0.103	J	1.2	0.084	ug/m3			08/27/14 12:56	1
1,4-Dichlorobenzene	0.104	J	1.2	0.084	ug/m3			08/27/14 12:56	1
1,4-Dioxane	ND		18	0.72	ug/m3			08/27/14 12:56	1
2,2,4-Trimethylpentane	ND		0.93	0.13	ug/m3			08/27/14 12:56	1
2-Chlorotoluene	ND		1.0	0.067	ug/m3			08/27/14 12:56	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-76561/4
Matrix: Air
Analysis Batch: 76561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Chloropropene	ND		1.6	0.11	ug/m3			08/27/14 12:56	1
4-Ethyltoluene	ND		0.98	0.088	ug/m3			08/27/14 12:56	1
4-Isopropyltoluene	ND		1.1	0.44	ug/m3			08/27/14 12:56	1
Acetone	ND		12	3.0	ug/m3			08/27/14 12:56	1
Benzene	ND		0.64	0.061	ug/m3			08/27/14 12:56	1
Benzyl chloride	ND		1.0	0.41	ug/m3			08/27/14 12:56	1
Bromodichloromethane	ND		1.3	0.11	ug/m3			08/27/14 12:56	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.13	ug/m3			08/27/14 12:56	1
Bromoform	ND		2.1	0.10	ug/m3			08/27/14 12:56	1
Bromomethane	ND		0.78	0.11	ug/m3			08/27/14 12:56	1
Carbon disulfide	ND		1.6	0.21	ug/m3			08/27/14 12:56	1
Carbon tetrachloride	ND		1.3	0.13	ug/m3			08/27/14 12:56	1
Chlorobenzene	ND		0.92	0.037	ug/m3			08/27/14 12:56	1
Chloroethane	ND		1.3	0.079	ug/m3			08/27/14 12:56	1
Chloroform	ND		0.98	0.12	ug/m3			08/27/14 12:56	1
Chloromethane	ND		1.0	0.28	ug/m3			08/27/14 12:56	1
cis-1,2-Dichloroethene	ND		0.79	0.15	ug/m3			08/27/14 12:56	1
cis-1,3-Dichloropropene	ND		0.91	0.13	ug/m3			08/27/14 12:56	1
Cumene	ND		0.98	0.079	ug/m3			08/27/14 12:56	1
Cyclohexane	ND		0.69	0.086	ug/m3			08/27/14 12:56	1
Dibromochloromethane	ND		1.7	0.17	ug/m3			08/27/14 12:56	1
Dichlorodifluoromethane	ND		2.5	0.15	ug/m3			08/27/14 12:56	1
Ethylbenzene	ND		0.87	0.056	ug/m3			08/27/14 12:56	1
Freon 22	ND		1.8	0.17	ug/m3			08/27/14 12:56	1
Freon TF	ND		1.5	0.14	ug/m3			08/27/14 12:56	1
Hexachlorobutadiene	ND		2.1	0.23	ug/m3			08/27/14 12:56	1
Isopropyl alcohol	ND		12	0.53	ug/m3			08/27/14 12:56	1
m,p-Xylene	ND		2.2	0.10	ug/m3			08/27/14 12:56	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			08/27/14 12:56	1
Methyl Ethyl Ketone	ND		1.5	0.71	ug/m3			08/27/14 12:56	1
methyl isobutyl ketone	ND		2.0	0.11	ug/m3			08/27/14 12:56	1
Methyl methacrylate	ND		2.0	0.12	ug/m3			08/27/14 12:56	1
Methyl tert-butyl ether	ND		0.72	0.079	ug/m3			08/27/14 12:56	1
Methylene Chloride	ND		1.7	0.43	ug/m3			08/27/14 12:56	1
Naphthalene	ND		2.6	1.0	ug/m3			08/27/14 12:56	1
n-Butane	ND		1.2	0.67	ug/m3			08/27/14 12:56	1
n-Butylbenzene	ND		1.1	0.44	ug/m3			08/27/14 12:56	1
n-Heptane	ND		0.82	0.19	ug/m3			08/27/14 12:56	1
n-Hexane	ND		0.70	0.12	ug/m3			08/27/14 12:56	1
n-Propylbenzene	ND		0.98	0.39	ug/m3			08/27/14 12:56	1
sec-Butylbenzene	ND		1.1	0.44	ug/m3			08/27/14 12:56	1
Styrene	ND		0.85	0.077	ug/m3			08/27/14 12:56	1
tert-Butyl alcohol	ND		15	0.99	ug/m3			08/27/14 12:56	1
tert-Butylbenzene	ND		1.1	0.093	ug/m3			08/27/14 12:56	1
Tetrachloroethene	ND		1.4	0.11	ug/m3			08/27/14 12:56	1
Tetrahydrofuran	ND		15	0.14	ug/m3			08/27/14 12:56	1
Toluene	ND		0.75	0.064	ug/m3			08/27/14 12:56	1
trans-1,2-Dichloroethene	ND		0.79	0.11	ug/m3			08/27/14 12:56	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-76561/4
Matrix: Air
Analysis Batch: 76561

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		0.91	0.10	ug/m3			08/27/14 12:56	1
Trichloroethene	ND		1.1	0.13	ug/m3			08/27/14 12:56	1
Trichlorofluoromethane	ND		1.1	0.17	ug/m3			08/27/14 12:56	1
Vinyl chloride	ND		0.51	0.097	ug/m3			08/27/14 12:56	1
Xylene (total)	ND		0.87	0.15	ug/m3			08/27/14 12:56	1
Xylene, o-	ND		0.87	0.069	ug/m3			08/27/14 12:56	1

Lab Sample ID: LCS 200-76561/3
Matrix: Air
Analysis Batch: 76561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	8.80		ppb v/v		88	70 - 130
1,1,2,2-Tetrachloroethane	10.0	7.86		ppb v/v		79	70 - 130
1,1,2-Trichloroethane	10.0	8.09		ppb v/v		81	70 - 130
1,1-Dichloroethane	10.0	9.57		ppb v/v		96	70 - 130
1,1-Dichloroethene	10.0	9.77		ppb v/v		98	70 - 130
1,2,4-Trichlorobenzene	10.0	8.73		ppb v/v		87	70 - 130
1,2,4-Trimethylbenzene	10.0	8.80		ppb v/v		88	70 - 130
1,2-Dibromoethane	10.0	8.87		ppb v/v		89	70 - 130
1,2-Dichlorobenzene	10.0	9.40		ppb v/v		94	70 - 130
1,2-Dichloroethane	10.0	8.51		ppb v/v		85	70 - 130
1,2-Dichloropropane	10.0	9.01		ppb v/v		90	70 - 130
1,2-Dichlorotetrafluoroethane	10.0	10.3		ppb v/v		103	70 - 130
1,3,5-Trimethylbenzene	10.0	8.83		ppb v/v		88	70 - 130
1,3-Butadiene	10.0	8.56		ppb v/v		86	70 - 130
1,3-Dichlorobenzene	10.0	8.96		ppb v/v		90	70 - 130
1,4-Dichlorobenzene	10.0	9.27		ppb v/v		93	70 - 130
1,4-Dioxane	10.0	8.20		ppb v/v		82	70 - 130
2,2,4-Trimethylpentane	10.0	8.95		ppb v/v		89	70 - 130
2-Chlorotoluene	10.0	7.73		ppb v/v		77	70 - 130
3-Chloropropene	10.0	9.11		ppb v/v		91	70 - 130
4-Ethyltoluene	10.0	8.47		ppb v/v		85	70 - 130
4-Isopropyltoluene	10.0	8.83		ppb v/v		88	70 - 130
Acetone	10.0	8.07		ppb v/v		81	70 - 130
Benzene	10.0	8.73		ppb v/v		87	70 - 130
Benzyl chloride	10.0	9.67		ppb v/v		97	70 - 130
Bromodichloromethane	10.0	9.70		ppb v/v		97	70 - 130
Bromoethene(Vinyl Bromide)	10.0	9.72		ppb v/v		97	70 - 130
Bromoform	10.0	10.1		ppb v/v		101	70 - 130
Bromomethane	10.0	8.88		ppb v/v		89	70 - 130
Carbon disulfide	10.0	10.8		ppb v/v		108	70 - 130
Carbon tetrachloride	10.0	8.97		ppb v/v		90	70 - 130
Chlorobenzene	10.0	9.20		ppb v/v		92	70 - 130
Chloroethane	10.0	8.54		ppb v/v		85	70 - 130
Chloroform	10.0	9.56		ppb v/v		96	70 - 130
Chloromethane	10.0	8.20		ppb v/v		82	70 - 130
cis-1,2-Dichloroethene	10.0	9.87		ppb v/v		99	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-76561/3
Matrix: Air
Analysis Batch: 76561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	10.0	11.0		ppb v/v		110	70 - 130
Cumene	10.0	9.04		ppb v/v		90	70 - 130
Cyclohexane	10.0	9.27		ppb v/v		93	70 - 130
Dibromochloromethane	10.0	9.29		ppb v/v		93	70 - 130
Dichlorodifluoromethane	10.0	9.16		ppb v/v		92	70 - 130
Ethylbenzene	10.0	8.81		ppb v/v		88	70 - 130
Freon 22	10.0	8.75		ppb v/v		88	70 - 130
Freon TF	10.0	9.57		ppb v/v		96	70 - 130
Hexachlorobutadiene	10.0	10.0		ppb v/v		100	70 - 130
Isopropyl alcohol	10.0	7.70		ppb v/v		77	70 - 130
m,p-Xylene	20.0	18.0		ppb v/v		90	70 - 130
Methyl Butyl Ketone (2-Hexanone)	10.0	6.82	*	ppb v/v		68	70 - 130
Methyl Ethyl Ketone	10.0	8.68		ppb v/v		87	70 - 130
methyl isobutyl ketone	10.0	8.56		ppb v/v		86	70 - 130
Methyl methacrylate	10.0	9.20		ppb v/v		92	70 - 130
Methyl tert-butyl ether	10.0	10.3		ppb v/v		103	70 - 130
Methylene Chloride	10.0	8.59		ppb v/v		86	70 - 130
Naphthalene	10.0	7.90		ppb v/v		79	70 - 130
n-Butane	10.0	8.28		ppb v/v		83	70 - 130
n-Butylbenzene	10.0	8.10		ppb v/v		81	70 - 130
n-Heptane	10.0	8.71		ppb v/v		87	70 - 130
n-Hexane	10.0	10.6		ppb v/v		106	70 - 130
n-Propylbenzene	10.0	8.31		ppb v/v		83	70 - 130
sec-Butylbenzene	10.0	8.70		ppb v/v		87	70 - 130
Styrene	10.0	9.43		ppb v/v		94	70 - 130
tert-Butyl alcohol	10.0	8.65		ppb v/v		87	70 - 130
tert-Butylbenzene	10.0	9.03		ppb v/v		90	70 - 130
Tetrachloroethene	10.0	10.2		ppb v/v		102	70 - 130
Tetrahydrofuran	10.0	7.73		ppb v/v		77	70 - 130
Toluene	10.0	9.39		ppb v/v		94	70 - 130
trans-1,2-Dichloroethene	10.0	10.0		ppb v/v		100	70 - 130
trans-1,3-Dichloropropene	10.0	10.9		ppb v/v		109	70 - 130
Trichloroethene	10.0	9.08		ppb v/v		91	70 - 130
Trichlorofluoromethane	10.0	9.50		ppb v/v		95	70 - 130
Vinyl chloride	10.0	8.25		ppb v/v		83	70 - 130
Xylene, o-	10.0	9.53		ppb v/v		95	70 - 130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	55	48.0		ug/m3		88	70 - 130
1,1,2,2-Tetrachloroethane	69	54.0		ug/m3		79	70 - 130
1,1,2-Trichloroethane	55	44.2		ug/m3		81	70 - 130
1,1-Dichloroethane	40	38.7		ug/m3		96	70 - 130
1,1-Dichloroethene	40	38.7		ug/m3		98	70 - 130
1,2,4-Trichlorobenzene	74	64.8		ug/m3		87	70 - 130
1,2,4-Trimethylbenzene	49	43.2		ug/m3		88	70 - 130
1,2-Dibromoethane	77	68.1		ug/m3		89	70 - 130
1,2-Dichlorobenzene	60	56.5		ug/m3		94	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-76561/3
Matrix: Air
Analysis Batch: 76561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	40	34.5		ug/m3		85	70 - 130
1,2-Dichloropropane	46	41.6		ug/m3		90	70 - 130
1,2-Dichlorotetrafluoroethane	70	72.1		ug/m3		103	70 - 130
1,3,5-Trimethylbenzene	49	43.4		ug/m3		88	70 - 130
1,3-Butadiene	22	18.9		ug/m3		86	70 - 130
1,3-Dichlorobenzene	60	53.9		ug/m3		90	70 - 130
1,4-Dichlorobenzene	60	55.8		ug/m3		93	70 - 130
1,4-Dioxane	36	29.5		ug/m3		82	70 - 130
2,2,4-Trimethylpentane	47	41.8		ug/m3		89	70 - 130
2-Chlorotoluene	52	40.0		ug/m3		77	70 - 130
3-Chloropropene	31	28.5		ug/m3		91	70 - 130
4-Ethyltoluene	49	41.6		ug/m3		85	70 - 130
4-Isopropyltoluene	55	48.5		ug/m3		88	70 - 130
Acetone	24	19.2		ug/m3		81	70 - 130
Benzene	32	27.9		ug/m3		87	70 - 130
Benzyl chloride	52	50.1		ug/m3		97	70 - 130
Bromodichloromethane	67	65.0		ug/m3		97	70 - 130
Bromoethene(Vinyl Bromide)	44	42.5		ug/m3		97	70 - 130
Bromoform	100	105		ug/m3		101	70 - 130
Bromomethane	39	34.5		ug/m3		89	70 - 130
Carbon disulfide	31	33.7		ug/m3		108	70 - 130
Carbon tetrachloride	63	56.4		ug/m3		90	70 - 130
Chlorobenzene	46	42.3		ug/m3		92	70 - 130
Chloroethane	26	22.5		ug/m3		85	70 - 130
Chloroform	49	46.7		ug/m3		96	70 - 130
Chloromethane	21	16.9		ug/m3		82	70 - 130
cis-1,2-Dichloroethene	40	39.1		ug/m3		99	70 - 130
cis-1,3-Dichloropropene	45	49.8		ug/m3		110	70 - 130
Cumene	49	44.4		ug/m3		90	70 - 130
Cyclohexane	34	31.9		ug/m3		93	70 - 130
Dibromochloromethane	85	79.2		ug/m3		93	70 - 130
Dichlorodifluoromethane	49	45.3		ug/m3		92	70 - 130
Ethylbenzene	43	38.3		ug/m3		88	70 - 130
Freon 22	35	30.9		ug/m3		88	70 - 130
Freon TF	77	73.4		ug/m3		96	70 - 130
Hexachlorobutadiene	110	107		ug/m3		100	70 - 130
Isopropyl alcohol	25	18.9		ug/m3		77	70 - 130
m,p-Xylene	87	78.1		ug/m3		90	70 - 130
Methyl Butyl Ketone (2-Hexanone)	41	28.0	*	ug/m3		68	70 - 130
Methyl Ethyl Ketone	29	25.6		ug/m3		87	70 - 130
methyl isobutyl ketone	41	35.1		ug/m3		86	70 - 130
Methyl methacrylate	41	37.7		ug/m3		92	70 - 130
Methyl tert-butyl ether	36	37.2		ug/m3		103	70 - 130
Methylene Chloride	35	29.8		ug/m3		86	70 - 130
Naphthalene	52	41.4		ug/m3		79	70 - 130
n-Butane	24	19.7		ug/m3		83	70 - 130
n-Butylbenzene	55	44.5		ug/m3		81	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-76561/3
Matrix: Air
Analysis Batch: 76561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
n-Heptane	41	35.7		ug/m3		87	70 - 130
n-Hexane	35	37.5		ug/m3		106	70 - 130
n-Propylbenzene	49	40.8		ug/m3		83	70 - 130
sec-Butylbenzene	55	47.8		ug/m3		87	70 - 130
Styrene	43	40.2		ug/m3		94	70 - 130
tert-Butyl alcohol	30	26.2		ug/m3		87	70 - 130
tert-Butylbenzene	55	49.6		ug/m3		90	70 - 130
Tetrachloroethene	68	69.0		ug/m3		102	70 - 130
Tetrahydrofuran	29	22.8		ug/m3		77	70 - 130
Toluene	38	35.4		ug/m3		94	70 - 130
trans-1,2-Dichloroethene	40	39.6		ug/m3		100	70 - 130
trans-1,3-Dichloropropene	45	49.5		ug/m3		109	70 - 130
Trichloroethene	54	48.8		ug/m3		91	70 - 130
Trichlorofluoromethane	56	53.4		ug/m3		95	70 - 130
Vinyl chloride	26	21.1		ug/m3		83	70 - 130
Xylene, o-	43	41.4		ug/m3		95	70 - 130

QC Association Summary

Client: Iyer Environmental Group, LLC
Project/Site: Dale Rd

TestAmerica Job ID: 480-66089-1

Air - GC/MS VOA

Analysis Batch: 76561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-66089-1	SV-01	Total/NA	Air	TO-15	
LCS 200-76561/3	Lab Control Sample	Total/NA	Air	TO-15	
MB 200-76561/4	Method Blank	Total/NA	Air	TO-15	

Lab Chronicle

Client: Iyer Environmental Group, LLC
Project/Site: Dale Rd

TestAmerica Job ID: 480-66089-1

Client Sample ID: SV-01
Date Collected: 08/20/14 12:00
Date Received: 08/22/14 10:20

Lab Sample ID: 480-66089-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1620	76561	08/27/14 17:12	BPL	TAL BUR

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Certification Summary

Client: Iyer Environmental Group, LLC
Project/Site: Dale Rd

TestAmerica Job ID: 480-66089-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

Laboratory: TestAmerica Burlington

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Connecticut	State Program	1	PH-0751	09-30-15
DE Haz. Subst. Cleanup Act (HSCA)	State Program	3	NA	02-13-15
Florida	NELAP	4	E87467	06-30-15
L-A-B	DoD ELAP		L2336	02-26-17
Maine	State Program	1	VT00008	04-17-15
Minnesota	NELAP	5	050-999-436	12-31-14
New Hampshire	NELAP	1	2006	12-18-14
New Jersey	NELAP	2	VT972	06-30-15
New York	NELAP	2	10391	03-31-15
Pennsylvania	NELAP	3	68-00489	04-30-15
Rhode Island	State Program	1	LAO00298	12-30-14
US Fish & Wildlife	Federal		LE-058448-0	02-28-15
USDA	Federal		P330-11-00093	10-28-16
Vermont	State Program	1	VT-4000	12-31-14
Virginia	NELAP	3	460209	12-14-14

Method Summary

Client: Iyer Environmental Group, LLC
Project/Site: Dale Rd

TestAmerica Job ID: 480-66089-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	TAL BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL BUR = TestAmerica Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Iyer Environmental Group, LLC
Project/Site: Dale Rd

TestAmerica Job ID: 480-66089-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-66089-1	SV-01	Air	08/20/14 12:00	08/22/14 10:20

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Dharma Iyer	**Samples Collected By:** DRI/RA	1 of 1 COCs
Company: IYER ENVIRONMENTAL GRP	Phone: 7164459684		
Address: 44 Rolling Hills Dr	Email: iyer@iceeol.com		
City/State/Zip Orchard Park, NY 14127			
Phone: 716 445 9684	Site Contact: Rick Allen		
FAX: 716 662 2118	TA Contact: Melissa Deyo		
Project Name: ~~1246~~ DALEROD GW	**Analysis Turnaround Time**		
Site: 1746 Dale RD	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, 'Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
SV-01	8/20/14	12:00	12:01	-35	0	5516	4783	✓									✓		

Temperature (Fahrenheit)		
	Interior	Ambient
Start		
Stop		

Pressure (inches of Hg)		
	Interior	Ambient
Start		
Stop		

480-66089 Chain of Custody

Special Instructions/QC Requirements & Comments:

Samples Shipped by: DRIyer	Date/Time: 8/20/14	Samples Received by: [signature] 8/22/14 1020	TAB4R
Samples Relinquished by:	Date/Time:	Received by:	
Relinquished by:	Date/Time:	Received by:	

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

8/29/2014


ORIGIN ID:DKKA (716) 504-9848
KEN KINECKI
TESTAMERICA LABS
10 HAZELWOOD DRIVE
AMHERST, NY 14228
UNITED STATES US
SHIP DATE: 21AUG14
ACTWGT: 7.2 LB
CAD: 846654/CAFE2704
BILL RECIPIENT
TO MARK PHILLIPS
TA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
REF: BURLINGTON
DEPT: SAMPLE CONTROL
TRK# 0201 5657 0116 7249
FRI - 22 AUG
STANDARD OVERNIG
EK BTVA
054
VT-US B

Login Sample Receipt Checklist

Client: Iyer Environmental Group, LLC

Job Number: 480-66089-1

Login Number: 66089
List Number: 2
Creator: Goodrich, Kenneth L

List Source: TestAmerica Burlington
List Creation: 08/25/14 01:26 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
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?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received 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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

200-23508-A-3
4913
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 8/6/2014 12:00 AM 200-684755

Loc: 200
23508
#3
A

Pre-Shipment Clean Canister Certification Repor

Certification Type: ☒ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test

System ID	# Cycles	Cleaning Date	Technician	Canister Size		
10	15	8/6/14	MC	6L	1L	3L

Port	Can ID	Leak Test: Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]
1	5701	-30.2	-30.3	-30.3	0
2	4099		-30.5		-0.2
3	4913		-30.2		+0.1
4	4151		-30.5		-0.2
5	5012		-30.2		0
6	5053		-30.2		+0.1
7	4072		-30.2		+0.1
8	4294		-30.4		-0.1
9	4783		-30.3		0
10	4833		-30.4		-0.1
11	4450		Leak		
12	4543	✓	-30.2	✓	+0.1

Initial Reading		Final Reading	
Gauge ID:	Q13	Gauge ID:	Q13
Date:	8/7/14	Date:	8/9/14
Time:	1230	Time:	1315
Tech:	MC	Tech:	MC
BP: ~29.7	("Hg)	BP: 29.8	("Hg)
Temp 22	(°C)	Temp: 22	(°C)

[3]Acceptance Criteria:
(1) The difference must be less than or equal to + 0.5
(2) Pressure readings must be at least 24 hours apart.
If time frame was not met, the PM must authorize shipment of canister:
PM Authorization:

Signature Date

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐ TO15 Routine ☐ TO15 LL ☐ NJDEP-LL TO15

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Limited	Secondary Review: Review Date	Reviewer
~~3804~~										
4913	8/8/14	8918	BL		✓				8/8/14	AMH

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.
Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.
Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.
Inventory Level 4: Individual or Batch Certification. Certified clean following procedures and RLs listed in laboratory SOP NJDEP-LLTO15.
Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: Routine

BR-FAI023:10.19.09:7
TestAmerica

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-23508-1

SDG No.:

Client Sample ID: 4913 Lab Sample ID: 200-23508-3

Matrix: Air Lab File ID: 8918_007.D

Analysis Method: TO-15 Date Collected: 08/06/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/07/2014 18:24

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 75773 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U *	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U *	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U *	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U *	0.040	0.040
110-54-3	n-Hexane	0.040	U	0.040	0.040
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.040	U	0.040	0.040
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-23508-1

SDG No.:

Client Sample ID: 4913 Lab Sample ID: 200-23508-3

Matrix: Air Lab File ID: 8918_007.D

Analysis Method: TO-15 Date Collected: 08/06/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/07/2014 18:24

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 75773 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.040	U	0.040	0.040
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-23508-1

SDG No.:

Client Sample ID: 4913 Lab Sample ID: 200-23508-3

Matrix: Air Lab File ID: 8918_007.D

Analysis Method: TO-15 Date Collected: 08/06/2014 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/07/2014 18:24

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 75773 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

TestAmerica Burlington
Target Compound Quantitation Report

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140807-8918.b\8918_007.D
Lims ID: 200-23508-A-3 Lab Sample ID: 200-23508-3
Client ID: 4913
Sample Type: Client
Inject. Date: 07-Aug-2014 18:24:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0008918-007
Misc. Info.: 23508-03
Operator ID: bl Instrument ID: CHG.i

Method: \\BTV-LIMS1\ChromData\CHG.i\20140807-8918.b\TO15_LLNJ_TO3_G.m
Limit Group: AI_TO15_ICAL
Last Update: 08-Aug-2014 09:09:11 Calib Date: 02-Jul-2014 22:50:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\BTV-LIMS1\ChromData\CHG.i\20140702-8394.b\8394_010.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: XAWRK013

First Level Reviewer: lyonsb Date: 08-Aug-2014 09:02:35

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		2.758				ND	
2 Dichlorodifluoromethane	85		2.827				ND	
6 Chlorodifluoromethane	51		2.881				ND	
7 1,2-Dichloro-1,1,2,2-tetra	85		3.100				ND	
8 Chloromethane	50		3.239				ND	
9 Butane	43		3.448				ND	
10 Vinyl chloride	62		3.490				ND	
11 Butadiene	54		3.576				ND	
12 Bromomethane	94		4.288				ND	
14 Chloroethane	64		4.544				ND	
16 Vinyl bromide	106		4.956				ND	
17 Trichlorofluoromethane	101		5.063				ND	
19 Ethanol	45		5.705				ND	
23 1,1,2-Trichloro-1,2,2-trif	101		6.219				ND	
24 1,1-Dichloroethene	96		6.251				ND	
25 Acetone	43		6.524				ND	
26 Carbon disulfide	76		6.631				ND	
27 Isopropyl alcohol	45		6.855				ND	
29 3-Chloro-1-propene	41		7.096				ND	
31 Methylene Chloride	49	7.401	7.406	-0.005	82	4288	0.1598	
32 2-Methyl-2-propanol	59		7.669				ND	
33 Methyl tert-butyl ether	73		7.829				ND	
34 trans-1,2-Dichloroethene	61		7.861				ND	
36 Hexane	57		8.262				ND	
37 1,1-Dichloroethane	63		8.776				ND	
38 Vinyl acetate	43		8.878				ND	
39 cis-1,2-Dichloroethene	96		9.915				ND	
40 2-Butanone (MEK)	72		9.985				ND	
42 Ethyl acetate	88		10.044				ND	
S 41 1,2-Dichloroethene, Total	61		10.200				0	
44 Tetrahydrofuran	42		10.381				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
* 43 Chlorobromomethane	128	10.392	10.392	0.000	71	615788	10.0	
45 Chloroform	83		10.536				ND	
46 Cyclohexane	84		10.755				ND	
47 1,1,1-Trichloroethane	97		10.804				ND	
48 Carbon tetrachloride	117		11.044				ND	
51 Isooctane	57		11.504				ND	
50 Benzene	78		11.531				ND	
52 1,2-Dichloroethane	62		11.729				ND	
53 n-Heptane	43		11.911				ND	
* 54 1,4-Difluorobenzene	114	12.398	12.403	-0.005	92	3381323	10.0	
56 Trichloroethene	95		12.858				ND	
58 1,2-Dichloropropane	63		13.430				ND	
59 Methyl methacrylate	69		13.623				ND	
60 1,4-Dioxane	88		13.660				ND	
61 Dibromomethane	174		13.687				ND	
62 Dichlorobromomethane	83		13.997				ND	
64 cis-1,3-Dichloropropene	75		14.982				ND	
65 4-Methyl-2-pentanone (MIBK	43		15.297				ND	
66 Toluene	92		15.591				ND	
70 trans-1,3-Dichloropropene	75		16.228				ND	
71 1,1,2-Trichloroethane	83		16.608				ND	
72 Tetrachloroethene	166		16.699				ND	
73 2-Hexanone	43		17.084				ND	
74 Chlorodibromomethane	129		17.384				ND	
75 Ethylene Dibromide	107		17.656				ND	
* 76 Chlorobenzene-d5	117	18.571	18.571	0.000	84	3766193	10.0	
77 Chlorobenzene	112		18.635				ND	
78 Ethylbenzene	91		18.796				ND	
80 m-Xylene & p-Xylene	106		19.053				ND	
83 o-Xylene	106		19.898				ND	
84 Styrene	104		19.952				ND	
S 82 Xylenes, Total	106		20.100				0	
85 Bromoform	173		20.369				ND	
86 Isopropylbenzene	105		20.583				ND	
* 87 4-Bromofluorobenzene	95	20.947	20.952	-0.005	95	2352588	10.0	
88 1,1,2,2-Tetrachloroethane	83		21.241				ND	
90 N-Propylbenzene	91		21.305				ND	
91 4-Ethyltoluene	105		21.492				ND	
92 2-Chlorotoluene	91		21.498				ND	
94 1,3,5-Trimethylbenzene	105		21.599				ND	
96 tert-Butylbenzene	119		22.086				ND	
97 1,2,4-Trimethylbenzene	105		22.182				ND	
98 sec-Butylbenzene	105		22.407				ND	
99 4-Isopropyltoluene	119		22.610				ND	
100 1,3-Dichlorobenzene	146		22.637				ND	
101 1,4-Dichlorobenzene	146		22.771				ND	
102 Benzyl chloride	91		22.969				ND	
103 n-Butylbenzene	91		23.177				ND	
105 1,2-Dichlorobenzene	146		23.300				ND	
107 1,2,4-Trichlorobenzene	180		25.793				ND	
108 Hexachlorobutadiene	225		25.981				ND	
109 Naphthalene	128		26.286				ND	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

ATTO15GIS_00009	Amount Added:	20.00	Units: mL	Run Reagent

Report Date: 08-Aug-2014 09:09:16 Chrom Revision: 2.2 24-Jun-2014 07:21:42

TestAmerica Burlington

Data File: \\BTV-LIMS1\ChromData\CHG.i\20140807-8918.b\8918_007.D

Injection Date:	07-Aug-2014 18:24:30	Instrument ID:	CHG.i	Operator ID:	bl
Lims ID:	200-23508-A-3	Lab Sample ID:	200-23508-3	Worklist Smp#:	7
Client ID:	4913				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	6
Method:	TO15_LLNJ_TO3_G	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1