

**FOCUSED  
REMEDIAL INVESTIGATION/  
PRELIMINARY INTERIM REMEDIAL  
MEASURES**

**FOR THE  
FORMER KLIEGMAN BROS. SITE  
76-01 77TH AVENUE  
GLENDALE, QUEENS, NY**

**PREPARED FOR  
McMILLAN, RATHER, BENNETT & RIGANO**

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## EXECUTIVE SUMMARY

Enviroscience Consultants, Inc. was retained by McMillan, Rather, Bennett & Rigano to execute the New York State Department of Environmental Conservation (NYSDEC) – approved “Focused Remedial Investigation/Preliminary Interim Remedial Measures Work Plan For the Former Kleigman Bros. Site.” The Former Kleigman Bros. Site (the Site) is located at 76-01 77<sup>th</sup> Avenue, in Glendale, Queens, New York.

The purpose of the investigation was to further characterize the extent of tetrachloroethylene (also known as perchloroethylene, or PCE) in the soil at the Site and to obtain preliminary groundwater samples to provide information as to the concentrations and lateral and vertical extent of PCE in the regional groundwater.

Previous investigations at the Site have shown the presence of PCE in the soil in the yard north of the Site building. The Site was contaminated as a result of the activities of Kleigman Bros., Inc. who occupied the Site from approximately 1940 to 2000. The present owner and occupant of the Site is not a contributor to the PCE contamination but has agreed to investigate and remediate the Site.

The Enviroscience investigation consisted of obtaining soil samples in the north yard to characterize the vertical extent of soil contamination. In addition, since sufficient information existed to conclude that essentially the entire north yard was impacted at concentrations that would require remediation, soil vapor extraction (SVE) wells were installed in the boreholes following the soil sampling. The SVE wells are likely to be connected to an SVE system that would include piping connections to a mechanical blower for the purpose of creating a vacuum in the vadose zone to withdraw PCE vapors from the soil.

Soil samples were obtained to determine the Site geology and photoionization detector readings were obtained to assist in selecting samples for laboratory analysis. The results

of the investigation showed that, in the north yard, the geology of the Site primarily consists of silty sand and some minor clay to a depth of approximately 30 feet below grade. Beyond 30 feet, the geology consists of well-sorted medium sand down to at least the regional water table which occurs at a depth of approximately 65 feet below grade. On the eastern portion of the north yard, a clay layer is present at a depth of approximately 12 feet below grade. Perched water is present in this area, however, it appears that it may be present only for a limited period of time following a significant precipitation event. A geophysical investigation was performed to determine if any subsurface structures such as underground storage tanks or leaching pools could be identified. The results of the geophysical investigation showed no evidence of subsurface structures at the Site.

Five deep borings were planned to be performed down to the regional water table, however, two of these borings were performed to shallower depths. At one location on the east side of the north yard, a boring was performed to a depth of 16 feet due to the presence of a perched water layer and an associated clay layer. As per the work plan, no perched water layers were pierced. At this location, a groundwater monitoring well was installed so that a sample of the perched water could be obtained. At the other location, on the west end of the north yard, the boring was terminated at a depth of 26 feet due to geologic conditions which could not be overcome with the hollow-stem drilling rig. An SVE well was installed to a depth of 25 feet at this location.

Groundwater samples were obtained from four of the borings. In the area of perched water, one groundwater sample was obtained. At the three other locations, groundwater samples were obtained from just below the regional water table and at a depth approximately 30 feet below the regional water table.

Four shallow borings were performed at the east and west ends of the Site to delineate the extent of contamination in these areas. These borings were performed to determine if these areas are also source areas of contamination. The borings at the west end of the Site were performed to a depth of 30 feet, and the borings at the east end of the Site were

performed to a depth of 12 feet. An investigation was also performed beneath the building to evaluate the presence of PCE in the soil in this area. Samples were obtained from a depth just below the concrete and, at selected area which showed high photoionization detector readings, deeper samples were obtained to delineate the vertical extent of contamination.

The results of the soil investigation at the Site showed that the north yard has been impacted throughout essentially the entire area. Contamination is present down to the regional water table at some locations. The concentrations detected at many locations are substantially above the New York State Department of Environmental Conservation Soil Cleanup Objectives (NYSDEC TAGM-4046) and will therefore require remediation. Enviroscience recommends connecting the recently-installed soil vapor extraction wells to an SVE system to include a vacuum blower with emissions treatment, as necessary.

The area beneath the building contains moderate PCE contamination, however, the concentrations in many areas are above the cleanup objectives and will require remediation. Due to the shallow vertical extent of contamination in the area beneath the building, the sub-building remedial system is proposed to consist of the installation of an SVE system consisting of a system of horizontal piping installed below the concrete floor. The method has been selected due to the shallow extent of PCE beneath the building, the likely presence of a clay layer at a depth of approximately 12 feet below the building floor at the east end of the building, and the lack of precipitation moving through the soil column due to the presence of the building which has resulted, apparently, in little vertical migration.

For the groundwater, the preliminary investigation has shown that the groundwater at the Site has been impacted apparently due to previous Site activities by the previous owner. The shallow regional groundwater (samples obtained from approximately 70 feet below grade) at the Site shows concentrations of PCE as high as 45,000 parts per billion (ppb), however, samples obtained at 30 feet below the regional water table (approximately 96 feet below grade) show significantly lower concentrations of PCE (1,200 to 2,800 ppb).

Additional investigation is required to determine the Site-specific groundwater flow direction and evaluate the extent of PCE groundwater impacts at the Site.

Enviroscience recommends preparation of a work plan for the remediation of the soil in the north yard and beneath the building. The work plan will discuss the need for the project, the components of the system, pilot testing, and full-scale operation. In addition, a separate work plan will be prepared for the further investigation of the extent of groundwater impacts at the Site.

## **SECTION 1.0**

### **INTRODUCTION**

This Focused Remedial Investigation/Interim Remedial Measures (FRI/IRM) Work Plan had been prepared for the Former Kliegman Bros., Inc. Site (the Site) located at 76-01 77th Avenue, Glendale, Queens, New York (Figure 1.1 shows the location of the Site). Based on the U.S. Geological Survey Quadrangle Maps, the coordinates for the location of the Site are 40 degrees, 42 minutes north and 73 degrees, 52 minutes west.

Previous investigations at the Site performed by several consultants have shown that the Site has been impacted by tetrachloroethylene (also known as perchloroethylene or PCE). PCE was found to be present in the Site soils at highly elevated levels, and perched water was reported to be present at the southern portion of the Site.

The Site is located in a primarily residential area of Glendale, Queens. Residences are located adjacent and west, south, and east of the Site. The Long Island Rail Road tracks are located adjacent to the northern boundary of the Site and residences and commercial properties exist adjacent and north of the tracks. On the east side of the Site, a residence is attached to the Site building and the two buildings appear to share a common wall.

The purpose of the FRI/IRM was to delineate the on-Site soil contamination for the purpose of obtaining information to design a soil vapor extraction system or systems to remediate the on-Site soil. In addition, the regional groundwater beneath the Site was evaluated to determine if it has been impacted by past Site activities.

**Figure 1.1.1**  
**Site Location Map**  
**Former Kliegman Bros. Site**  
**76-01 77<sup>th</sup> Avenue, Glendale, Queens**



**Scale: Nominal**

**Source: TOPO! 2000 National Geographic Holdings, 2000**



## **SECTION 2.0**

### **ENVIRONMENTAL SETTING**

#### **2.1 Hydrogeologic Setting**

The regional geology of the Site area consists of a base of Precambrian crystalline bedrock predominantly comprised of schist and gneiss which is overlain by a series of unconsolidated deposits. The depth to bedrock at the Site is approximately 500 feet below grade. The bedrock is overlain by the Lloyd Sand, which consists of light-colored sand and gravel.

The Raritan Clay overlies the Lloyd Sand and acts as a confining unit. The top of the Raritan Clay occurs at a depth of approximately 310 feet. The Raritan Clay is composed of multi-colored clay, silt, and some very fine-grained to fine-grained sand.

Overlying the Raritan Formation is the Magothy Formation, which consists of non-fossiliferous beds and lenses of gray and white fine-grained quartz sand, clayey and silty sand, and clay. The Magothy Formation, if present beneath the Site, occurs at a depth of approximately 300 feet. The Upper Glacial Formation occurs from grade to approximately 300 feet below grade. The Gardiner's Clay is present beneath the Site and occurs at a depth of approximately 200 feet below grade. The Gardiner's Clay is a marine interglacial deposit and is a dark-colored clay with lenses of green silt and very fine sand and thin layers of fine gravel.

The Gardiner's Clay is overlain by upper Pleistocene glacial outwash deposits. These deposits are composed of stratified medium-to-coarse-grained sand and gravel.

The hydrogeology in the Site area was derived from the U.S. Geological Survey paper entitled "Water-Table Altitude in King and Queens Counties, New York, in March, 1997." Based on this information, the elevation of the water table in the Site area is approximately 15 feet above mean sea level (MSL). Based on the U.S. Geological

Survey quadrangle map for the Site area, the surface elevation is approximately 100 feet. Therefore, based on the available literature the depth to water at the Site had been estimated to be 85 feet. However, field sampling activities performed during the investigation showed that the depth to the regional groundwater table is approximately 65 feet. The regional groundwater flow direction in the vicinity of the Site is expected to be to the southwest, however, groundwater flow in the Site area is complex and the Site-specific groundwater flow direction is not confirmed at this time. It should be noted that there is a perched water zone that is present in the eastern and southern portions of the Site at approximately 12 feet below grade.

Site-specific geological information was obtained from the boring logs from previous subsurface investigations at the Site and field sampling activities performed during this investigation. The depth of the previous borings did not exceed 32 feet. In general, the information obtained indicates that the shallow geology in the northern portion of the Site consists of fine to coarse sand with some areas of silt. There were limited areas of clay lenses described in some borings on the western edge of the Site and dense clay layers beneath the eastern portion of the property.

Based on the recent investigation, the geology from approximately 30 feet down to the water table consists of fine to coarse sand. No clay layers or other low permeability layers were found to be present in the vadose zone beyond a depth of approximately 30 feet.

## **2.2 Topography and Drainage**

The elevation of the Site is approximately 100 feet above mean sea level (MSL). The grade at the Site is generally flat. No surface water bodies exist in the immediate area of the Site. The nearest surface water is several small ponds associated with a golf course which exists approximately one-half mile south of the Site.

## SECTION 3.0

### SITE BACKGROUND

The previous use of the Site was as a warehouse and distribution facility for laundry and dry-cleaning supplies and chemicals. These activities occurred since approximately 1940 and ceased prior to occupancy by the current occupant. The previous owner of the Site was Kliegman Brothers, Inc. A spur from the Long Island Rail Road existed just north of the building and entering from the east and ending at the new loading dock. It is possible that transfers of PCE may have occurred from rail cars and spillage may have occurred.

Sanborn Insurance maps were evaluated for the years 1914, 1936, 1950, 1981, 1982, 1985, 1986, 1988, 1990, 1991, 1992, 1993, 1994, 1995, and 1996. Based on a review of these maps Edsall Avenue existed at the Site in 1914. The 1936 map shows that the Site has been developed and appears to be in the same configuration as it is today. The western half of the Site is shown to be occupied by Equitable Plumbing Supply Co. and the eastern half is occupied by Columbo Radiator Co. The railroad spur is shown on all maps starting with the 1936 map. The 1950 map shows that the entire site is occupied by Kliegman Bros. The only significant change shown in the maps after 1950 is the presence of the two above-ground storage tanks in the 1994 map. No other above or underground tanks or any other potential source areas were identified in any of the maps. The current owner of the Site is Arimax Realty, LLC. The Site is occupied by a food importer who began operations at the Site in November, 2000. The current operations at the Site involve the importing of bulk food containers and recontainerizing the foods for resale. On the first floor of the building there is a garage and office area. In the central portion of the Site, a refrigeration area is present for the storage of food

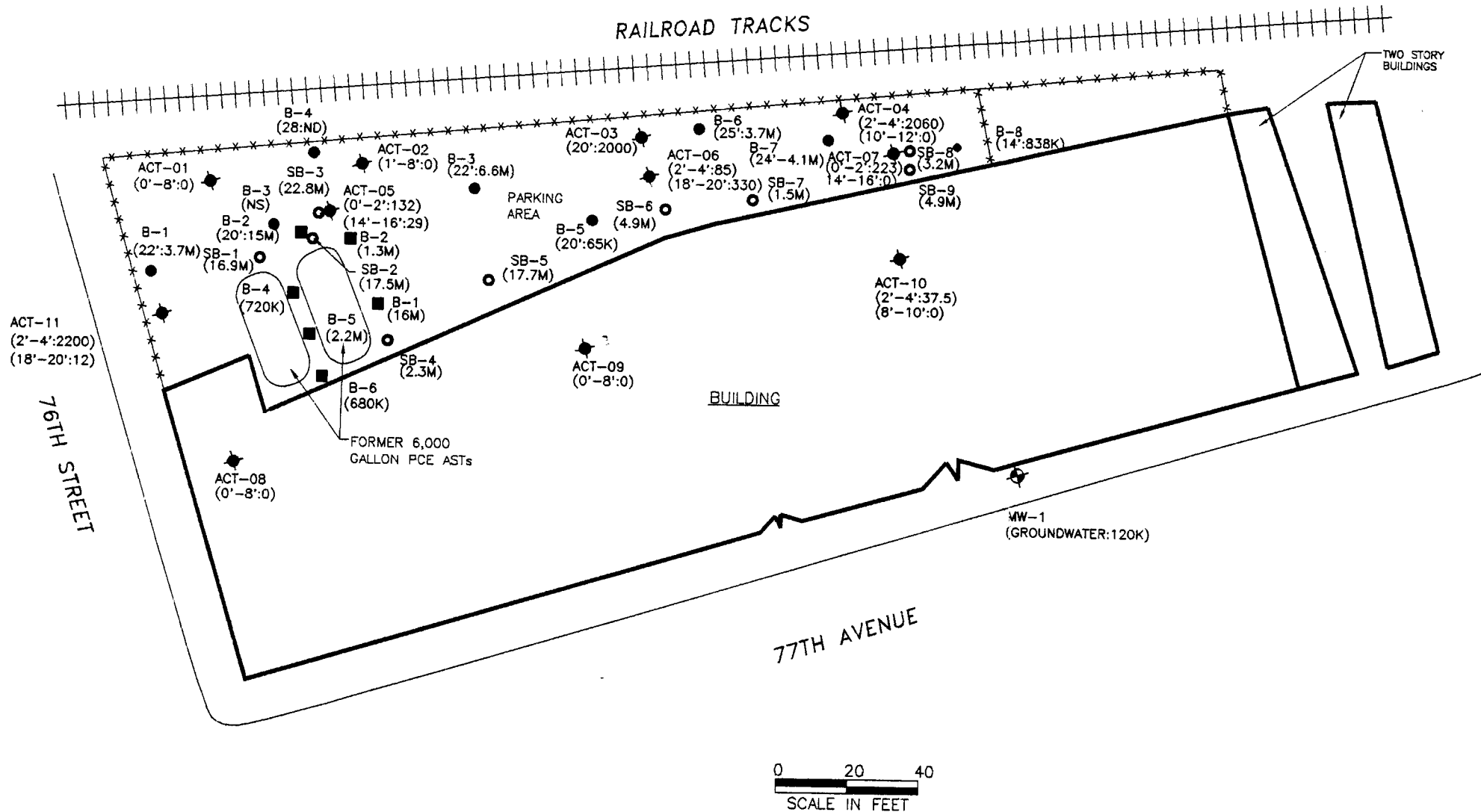
products. The eastern portion of the first floor is used for the warehousing of bulk food containers. The basement exists only beneath the western portion of the building and is used for storage of bulk food items and as well as some recontainerizing activities. A second floor exists on the west side of the building which contains offices.

### **3.1 Previous Investigations**

Soil investigations were performed by various consultants including EEA, Inc., Tradewinds, ACT, URS, and Horizon Consultants. Figure 3.1.1 shows the approximate sampling locations and a summary of the PCE results at each of the sampling locations. The results of the investigation show that PCE (as well as PCE breakdown products) is present throughout the north parking area. The deepest boring performed at the Site (32 feet) during previous investigations showed significant contamination based on photoionization detector (PID) readings. Therefore, the vertical extent of contamination had not been delineated.

Soil gas samples were obtained from the area along the northern, southern, and western boundaries of the property. The results showed high levels of PCE and related volatile organic compounds (VOCs) along the southern, western, and northern boundaries of the Site (see Appendix A for soil gas sample locations and results). The high readings at the southern end of the Site may be due to the presence of a clay layer (which is known to exist on the southern portion of the Site based on the presence of perched water at approximately 12 feet below grade at groundwater monitoring well MW-1 based on a previous investigation).

A groundwater monitoring well (MW-1) exists at the Site from previous investigations. The well was installed following the removal of a 550-gallon fuel oil UST in January 1992. Floating petroleum product was detected in the well in the past, however, during the URS investigation in June, 2000, no floating product or DNAPL (dense non-aqueous phase



**LEGEND**

- EEA (DEPTH OF SOIL SAMPLE, CONCENTRATIONS IN ppb)
- TRADEWINDS (CONCENTRATIONS IN ppb)
- ◆ ACT-ppm PID READINGS IN ppm (SELECTED SAMPLES SHOWN INCLUDING DEEPEST SAMPLE)
- HORIZON (SAMPLES OBTAINED AT 1 TO 2 FEET) (CONCENTRATIONS IN ppb)
- ⊕ GROUNDWATER MONITORING WELL

**NOTES:**

NS- NO SAMPLE OBTAINED  
 ND- NOT DETECTED  
 LOCATIONS ARE APPROXIMATE  
 K-THOUSAND  
 M-MILLION

<b>FORMER KLEGMAN BROS. SITE          GLENDALE, QUEENS, NEW YORK</b>	Drawn By: L.G.
	Checked By: P.D.
<b>FIGURE 3.1.1          PREVIOUS SAMPLING LOCATIONS</b>	Scale: 1"=40'
	Date: 11/06/00
<b>ENVIROSCIENCE CONSULTANTS, INC.</b> Rankonkoma New York	File Name: PLATE1 Drawing No. PLATE1 Sheet <u>3</u> of <u>3</u>

liquid) was detected in the well. Sampling of the well in June, 2000 had shown the presence of high levels of PCE and other VOCs.

Three borings were performed beneath the building by ACT. Continuous sampling was performed to a depth of up to 10 feet. No laboratory analysis of the samples was performed. All samples performed by ACT were field analyzed with a PID. The highest concentration detected beneath the building was 37.5 parts per million (ppm) at location ACT-10.

Copies of previous investigation reports were submitted to the NYSDEC.

### **3.2 Air Sampling Investigation Results**

Enviroscience performed air sampling within the Site building on three occasions: November 9, 2000; December 14, 2000; and, January 16, 2001. The purpose of the air sampling was to determine the concentrations of PCE in the air within the building as specified by the New York State Department of Health. All air sampling was performed using Summa canisters with a two-hour sampling period. The results of the first round of sampling were submitted to the NYSDOH in a report dated December 1, 2000. The results of the first round of sampling showed that elevated levels of PCE as well as petroleum constituents were present in the building's basement. The PCE and its breakdown products are likely to be emanating from the sumps (which contained a PCE odor) and, possibly, off-gassing through the concrete floor. Where possible, sumps were sealed to reduce off-gassing into the building. The petroleum constituents are likely to be emanating from the epoxy paint which had been applied to the basement floor a few days before the air sampling took place (no significant concentrations of petroleum constituents were detected in the later two rounds). Based on the November, 2000 sampling results, three exhaust fans (4000 cfm each) were installed in the basement to reduce the concentrations of PCE in the basement. After the fans were operating for

approximately one week, the air was resampled. In addition, samples were obtained from the first floor office area and the east side of the warehouse. The results from the second round of sampling show a significant decrease in concentrations. However, it was found that the first floor also had elevated levels of PCE. Therefore, two exhaust fans were installed at the east end of the first floor and one intake fan was installed on the west side of the first floor. Also, a fan was installed in the small basement area. Several windows on the first floor were also permanently opened to provide make-up air to replace the exhausted air.

After the installation of all seven fans, and their operation for approximately one week, the third round of sampling was performed. The results showed a further decline in PCE concentrations.

## **SECTION 4.0**

### **FOCUSED REMEDIAL INVESTIGATION**

The Focused Remedial Investigation has been performed to further delineate the lateral and vertical extent of VOC contamination in the vadose zone at the Site. In addition, samples of the regional and perched groundwater beneath the Site have been evaluated to determine if VOCs have impacted the groundwater. All soil and groundwater samples were placed in laboratory-supplied containers, properly preserved, and transported to an Environmental Laboratory Approval Program (ELAP)-certified laboratory for chemical analysis of VOCs by USEPA Method 8260. Chain-of-custody forms were completed for each sampling day to document the sequence of sample possession. The laboratory reports are presented in Appendix A.

#### **4.1 Geophysical Investigation**

A geophysical investigation was performed to evaluate the presence of subsurface utilities at proposed boring and sampling locations. In addition, the geophysical survey was performed within the building and in the north parking area to evaluate the potential presence of underground storage tanks or other subsurface structures that have the potential to be source areas of contamination.

The investigation was conducted using a Radiodetection RD-600 electromagnetic utility-locating instrument and a Fisher TW-6 metal detector. Subsurface anomalies were evaluated with a Fisher TW-6 and ground-penetrating radar at five-foot spacings. The geophysical investigation did not identify any additional subsurface structures or underground storage tanks.

#### **4.2 Subsurface Investigation**

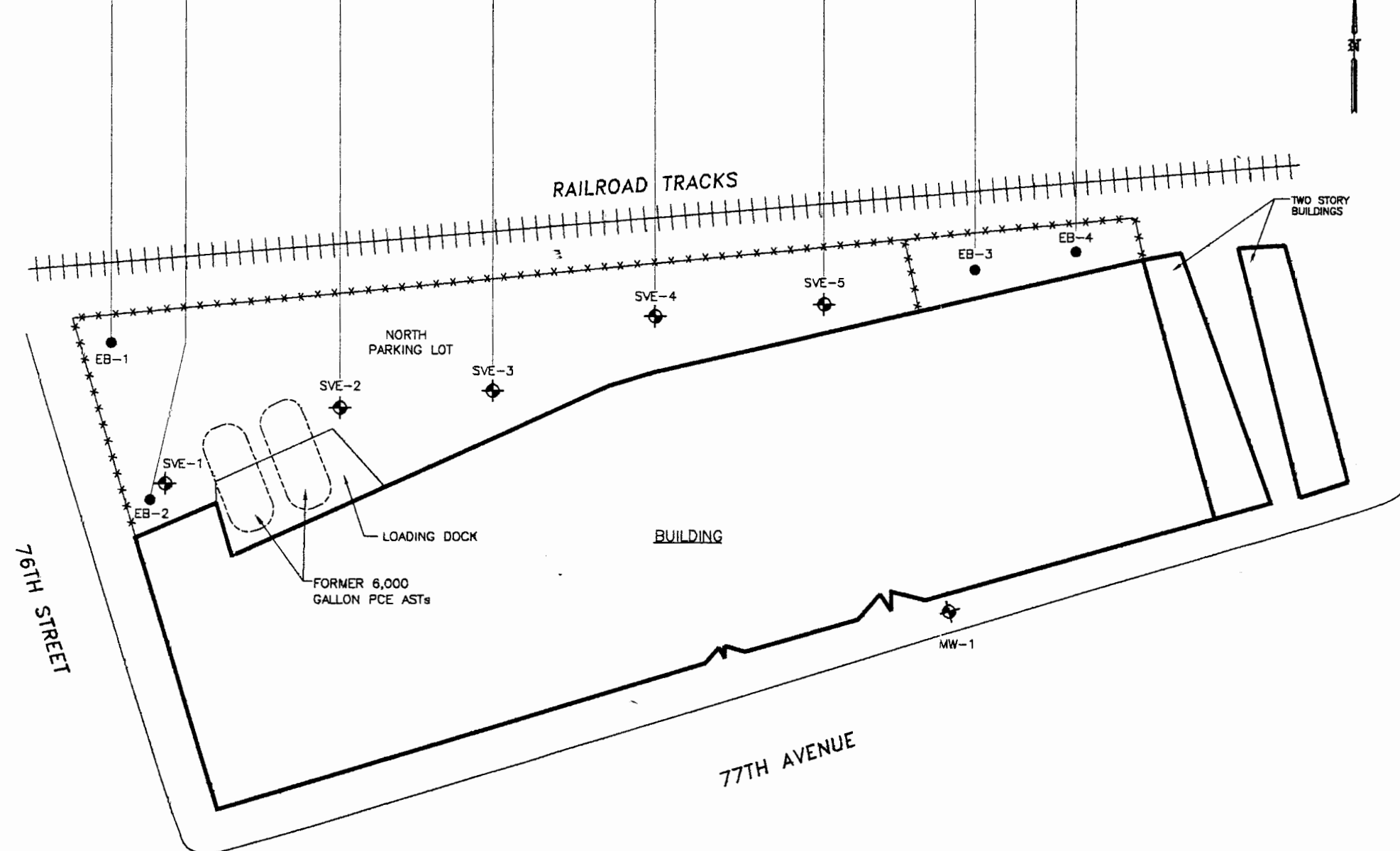
Nine borings (locations SVE-1 through SVE-5 and EB-1 through EB-4) were performed in the north yard area as shown on Figure 4.2.1. The locations of these



DEPTH BELOW GRADE (FEET)	EB-1		EB-2		SVE-2		SVE-3		SVE-4		SVE-5		EB-3		EB-4	
	PID (PPM)	PCE (PPB)	PID (PPM)	PCE (PPB)	PID (PPM)	PCE (PPB)	PID (PPM)	PCE (PPB)	PID (PPM)	PCE (PPB)	PID (PPM)	PCE (PPB)	PID (PPM)	PCE (PPB)	PID (PPM)	PCE (PPB)
0	6	218	218	10,000	0	22	16,000	50	110	135	1,400	>2,000	1,400,000			
10	>2,000	85,000	>2,000		0			>2,000	710							
13	55	58	430,000		0		112									
20																
30																
40			>2,000	130,000	7		54									
50			>2,000	2,400,000	7		23									
60			>2,000		8	18	0	18								
60			128			68	0	18								
70			105		183		0	47								

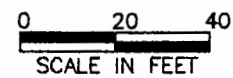
**NOTES:**

PHOTIONIZATION DETECTOR (PID) READINGS ARE REPORTED IN PARTS PER MILLION (PPM)  
 PERCHLOROETHYLENE (PCE) LABORATORY RESULTS ARE REPORTED IN PARTS PER BILLION (PPB)  
 BOLD VERTICAL LINE REPRESENTS DEPTH OF BORING LOCATION



**LEGEND**

- SAMPLING LOCATION & SOIL VAPOR EXTRACTION WELL LOCATION
- SOIL SAMPLING LOCATION
- FENCE
- FORMER AST LOCATIONS



<b>METRO SERVICE STATION</b> 1628 MONTAUK HWY., OAKDALE, NEW YORK	Drawn By: A.X.C.
	Checked By: G.M.
<b>FIGURE 4.2.1</b> EXTERIOR SAMPLING LOCATIONS AND PCE SOIL RESULTS	Scale: 1"=40'
	Date: 8/15/01
<b>ENVIROSCIENCE CONSULTANTS, INC.</b> Ronkonkoma New York	File Name: Drawing No. PLATE1
	Sheet ___ of ___

borings were selected to further evaluate the lateral and vertical extent of contamination and to evaluate the geology of the vadose zone at the Site.

#### **4.3 SVE Soil Sampling Locations**

Borings SVE-1 through SVE-5 were performed using hollow-stem auger drilling to evaluate the vertical extent of soil contamination beneath the property. These borings were advanced through the vadose zone and into the regional groundwater with the exception of boring SVE-1 (which encountered refusal due to geologic obstructions at 26 feet below grade) and SVE-5 (which encountered perched water at approximately 12 feet below grade and as per the work plan, no perched water layers were to be pierced).

During the performance of borings SVE-2, SVE-4, and SVE-5, continuous split-spoon samples were obtained. At boring SVE-3, split-spoon soil samples were obtained at five-foot intervals. Soil sampling was not performed at location SVE-1 due to its close proximity to boring EB-2 (which had been continuously sampled to 30 feet below grade) and refusal at 26 feet below grade. All split-spoon soil samples were screened using a PID in an enclosed container to evaluate the presence of organic vapors and characterized using the USCS soil classification methods for grain size and color. Soil samples that would potentially be collected for laboratory analysis were immediately placed in laboratory containers and placed in an ice-filled cooler. Upon completion of a boring, the decision to analyze specific soil samples was made based on screening results from the entire column of the vadose zone.

At boring locations SVE-2 through SVE-5, three representative samples were retained from each boring location for laboratory chemical analysis. One soil sample was collected from shallow depths (less than 15 feet below grade) and two samples were collected below 30 feet from sampling intervals that showed high PID readings or were

within five feet of the regional water table. The shallow depth samples were collected to evaluate low PID readings that were encountered during sampling and not anticipated based on the results of the previous investigations. At boring SVE-2, two samples were collected to evaluate high PID readings in the middle depths of the vadose zone (36 to 38 feet and 44 to 46 feet below grade) in addition to the sample collected from the shallow depths. At location SVE-5, three samples were collected from shallow depths due to the presence of a perched water layer at 16 feet below grade.

#### **4.4 SVE Soil Sampling Results**

The SVE soil sampling results show that VOCs exceed the NYSDEC Recommended Soil Cleanup Objectives (the Objectives) generally across the lateral extent of the north yard and generally extend vertically to the groundwater. Table 4.4.1 summarizes the SVE soil chemical analytical results. The predominant contaminant of concern is PCE although petroleum-related compounds (including benzene, toluene, ethylbenzene, and xylenes (BTEX)), a degradation product of PCE (1,2-dichloroethylene, or DCE), and methylene chloride also exceed the Objectives. However, the exceedences of BTEX and DCE occur at a limited number of locations on the property, and the methylene chloride detected in the samples is likely to be the result of laboratory contamination since methylene chloride is a common laboratory contaminant and it was also detected in the method blank.

The highest concentrations of PCE were detected in the samples collected from locations SVE-2 and SVE-5. At location SVE-2, concentrations of PCE from the PID readings and the laboratory sample results increased with increasing depth below grade to a maximum concentration of 2,400,000 ug/kg (between 44 and 46 feet). High PID readings continued to 54 feet below grade and then decreased significantly beyond this

Table 4.1  
 Soil Chemical Analytical Results  
 Former Kleigman Bros. Site  
 76-01 77th Avenue, Glendale, Queens

Sample Location	Depth (in feet below grade)										Volatiles Organic Compounds (in micrograms per kilogram)																					
	4-6	36-38	44-46	9-11	54-56	60-61	4-6	61-63	65-66	2-4	14-15	15-16	Recommended Soil Cleanup Objectives																			
	SVE-2			SVE-3			SVE-4			SVE-5			NYSDEC																			
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200,000	60	18,000	25,000	600	300	-	250	8,500	5,500	11,000	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18,000	25,000	600	300	-	250	8,500	5,500	11,000	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200	
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25,000	600	300	-	250	8,500	5,500	11,000	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200		
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600	300	-	250	8,500	5,500	11,000	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200			
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	300	-	250	8,500	5,500	11,000	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200				
Chloromethane	590J	680J	ND	ND	ND	ND	450J	ND	ND	ND	ND	ND	-	300	-	250	8,500	5,500	11,000	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200			
1,2-Dichloroethylene (DCE)	ND	ND	ND	ND	ND	ND	1,200	ND	ND	ND	ND	ND	250	8,500	5,500	11,000	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200						
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,500	5,500	11,000	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200							
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	65,000	5,500	11,000	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200								
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11,000	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200									
Methylene Chloride	2,800B	ND	66,000B	97B	80B	140B	ND	ND	ND	ND	ND	ND	100	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200										
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13,000	13,000	14,000	1,400	1,500	700	13,000	3,300	200	1,200											
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	1,400	1,500	700	13,000	3,300	200	1,200												
Tetrachloroethylene (PCE)	10,000	130,000	2,400,000	22	18	68	16,000	18	47	110	710	6,700,000	1,400	1,500	700	13,000	3,300	200	1,200													
Toluene	420J	430J	8,200J	ND	ND	51	100J	ND	ND	ND	ND	39,000J	1,500	700	13,000	3,300	200	1,200														
Trichloroethylene (TCE)	ND	ND	ND	ND	ND	200	ND	ND	ND	ND	81	ND	700	13,000	3,300	200	1,200															
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	36,000J	13,000	3,300	200	1,200																
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000J	3,300	200	1,200																	
Vinyl Chloride (VC)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	1,200																		
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	191,000J	1,200																			

Notes:  
 Only detected analytes are reported.  
 ND = Not detected

B = Analyte detected in associated blank.  
 E = Quantitation is estimated. Concentration is greater than calibration range.  
 J = Quantitation is estimated. Concentration is less than calibration range.  
 DCE = Concentrations and NYSDEC Objective are reported for cis-DCE.

- = No NYSDEC Objective available.  
 Bold values indicate an exceedence of the NYSDEC Recommended Soil Cleanup Objectives (TAGM 4046).

**Table 4.4.1(Continued)**  
**Soil Chemical Analytical Results**  
**Former Kleigman Bros. Site**  
**76-01 77th Avenue, Glendale, Queens**

Sample Location	20-25		28-30		12-14		20-22		3-4		6-7		5-6		11-12		NYSDEC Recommended Soil Cleanup Objectives
	EB-1		EB-1		EB-2		EB-2		EB-3		EB-3		EB-4		EB-4		
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18,000
sec-Butylbenzene	ND	ND	ND	ND	620J	220J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25,000
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	1J	ND	ND	ND	ND	ND	ND	ND	600
Chloroform	ND	ND	ND	ND	93J	ND	ND	ND	7J	ND	ND	ND	ND	750J	6J	300	
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	
1,2-Dichloroethylene (DCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	250	
1,4-Dichlorobenzene	ND	ND	ND	ND	310J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,500	
Ethylbenzene	ND	ND	ND	ND	200J	23J	ND	ND	ND	ND	ND	ND	ND	20J	ND	5,500	
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	29J	ND	11,000	
Methylene Chloride	44B	41B	17,000B	8,700B	82B	69B	10,000B	70B	ND	ND	ND	ND	ND	ND	ND	100	
Naphthalene	ND	ND	190J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13,000	
n-Propylbenzene	ND	ND	290J	59J	ND	ND	ND	ND	ND	ND	ND	ND	ND	140J	ND	14,000	
Tetrachloroethylene (PCE)	55	40	85,000	430,000E	1,400	38	1,400,000	2,100	ND	ND	ND	ND	ND	ND	ND	1,400	
Toluene	ND	ND	800J	600J	2J	3J	490J	2J	ND	ND	ND	ND	ND	490J	2J	1,500	
Trichloroethylene (TCE)	ND	ND	400J	480J	ND	1J	180J	ND	ND	ND	ND	ND	ND	180J	ND	700	
1,2,4-Trimethylbenzene	ND	ND	730J	260J	ND	1J	1,400	ND	ND	ND	ND	ND	ND	1,400	ND	13,000	
1,3,5-Trimethylbenzene	ND	ND	530J	160J	4J	5	4,200	4J	ND	ND	ND	ND	ND	4,200	4J	3,300	
Vinyl Chloride (VC)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35J	ND	200	
Xylenes (total)	ND	ND	200J	128J	ND	ND	ND	ND	ND	ND	ND	ND	ND	600J	ND	1,200	

Notes:  
 Only detected analytes are reported.

ND = Not detected  
 B = Analyte detected in associated blank.  
 E = Quantitation is estimated. Concentration is greater than calibration range.  
 J = Quantitation is estimated. Concentration is less than calibration range.  
 DCE = Concentrations and NYSDEC Objective are reported for cis-DCE.  
 - = No NYSDEC Objective available.

Bold values indicate an exceedence of the NYSDEC Recommended Soil Cleanup Objectives (TAGM 4046).

point. This may be due to the presence of finer geologic material at this depth which may inhibit the vertical migration of PCE at this level. At location SVE-5, the soil sample demonstrating the highest concentration of PCE based on laboratory results was characterized as dense clay that had very thin (less than one-sixteenth of an inch) layers of fine to medium sand and very strong olfactory indications of PCE contamination. This sand was immediately beneath a perched water layer and within a layer which contained clay. In addition, a sample was collected immediately above the thin layers of sand and exhibited significantly less PCE contamination. The subsequent laboratory results showed that the concentration of PCE in the shallower sample was five orders of magnitude lower than the sample that contained the thin lenses of sand and was below the Objective. It should be noted that the clay layer beneath the perched water layer was not pierced and the bottom one-foot interval of the borehole was sealed with bentonite as a precaution.

PCE concentrations from samples collected from boring locations SVE-3 and SVE-4 were below the Objectives with the exception of the sample collected from the upper vadose zone at boring SVE-4, which exceeded the Objective by an order of magnitude.

At boring location SVE-1, numerous attempts to drill beyond 30 feet resulted in refusal due to geological conditions. However, high PID readings from soil cuttings and borehole vapors were noted in the upper vadose zone indicating a zone of significant PCE contamination in this area.

#### **4.5 SVE Groundwater Sampling Locations**

Groundwater samples were obtained from each of the SVE boring locations with the exception of location SVE-1. Groundwater samples were collected from the regional groundwater by utilizing a hydropunch sampler at locations SVE-2, SVE-3, and SVE-4. The sampling length of the hydropunch sampler was one foot. Regional groundwater

samples were obtained just below the water table and approximately 30 feet below the water table. The depth to the regional groundwater table is approximately 65 feet. At location SVE-5, a groundwater monitoring well was installed to obtain a sample from the perched water layer encountered approximately 12 feet below grade.

#### **4.6 SVE Groundwater Sampling Results**

The SVE groundwater sampling results show that VOCs are present at concentrations in exceedance of the NYSDEC Class GA Ambient Water Quality Standards in the north yard. Table 4.6.1 summarizes the SVE groundwater chemical analytical results. The predominant contaminant of concern is PCE although petroleum-related compounds (including BTEX), degradation products of PCE (including DCE, trichloroethane (TCA), and trichloroethylene (TCE)), and methylene chloride also exceed the Objectives. The concentrations of methylene chloride detected in the samples are likely due to laboratory contamination since methylene chloride is a common laboratory contaminant and was detected in the methods blanks.

The shallow regional groundwater samples show concentrations of PCE up to 45,000 ug/l. Laboratory results from the deeper groundwater samples (30 feet below the water table) show a significant decrease in PCE concentrations.

The groundwater sample collected from well SVE-5 to evaluate the perched water layer located beneath the eastern portion of the property showed concentrations of PCE and, to a lesser extent, petroleum-related compounds and degradation products of PCE that exceed the GA Standards.

#### **4.7 SVE Well Installation**

Following completion of the groundwater sampling at locations SVE-2 through SVE-4, the augers were withdrawn to a depth five feet above the water table for the

**Table 4.6.1**  
**Groundwater Chemical Analytical Results**  
**Former Kleigman Bros. Site**  
**76-01 77<sup>th</sup> Avenue, Glendale, Queens**

Sample Location	SVE-2		SVE-3		SVE-4		SVE-5	NYSDEC Class GA Ambient Water Quality Standards
	69-70	96-97	69-70	95-96	69-70	96-97	13-14	
Depth (in feet below grade)								
<b>Volatile Organic Compounds (in micrograms per liter)</b>								
Benzene	ND	ND	28J	ND	ND	ND	ND	1
n-Butylbenzene	ND	ND	ND	17J	ND	ND	ND	5 *
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	140J	5
Chloroform	ND	ND	ND	ND	4J	ND	ND	7
2-Chlorotoluene	ND	ND	29J	35	ND	ND	160J	5 *
1,1-Dichloroethylene (1,1-DCE)	ND	ND	13J	ND	ND	ND	ND	5 *
1,2-Dichloroethylene (1,2-DCE)	ND	ND	ND	ND	47	12	ND	5 *
Methylene Chloride	1,600	13	470B	95B	ND	ND	920J	5 *
n-Propylbenzene	ND	ND	26J	21J	ND	ND	110J	5 *
Tetrachloroethylene (PCE)	45,000	2,200	30,000	2,800	1,200	1,200	22,000	5 *
Toluene	ND	ND	50J	5J	ND	1J	46J	5 *
Trichloroethane (TCA)	ND	ND	75J	ND	3J	3J	ND	5 *
1,2,4-Trimethylbenzene	ND	ND	37J	42J	ND	ND	130J	5 *
1,3,5-Trimethylbenzene	ND	ND	15J	14J	ND	ND	140J	5 *
Trichloroethylene (TCE)	ND	ND	ND	ND	2J	2J	120J	5 *
Xylenes (total)	ND	ND	ND	2J	ND	ND	11J	5 *

**Notes:**

Only detected analytes are reported.

ND = Not detected

B = Analyte detected in associated blank.

J = Quantitation is estimated.

\* = The Principal Organic Contaminant Standard applies to this compound.

**Bold** values indicate an exceedence of the NYSDEC Class GA Ambient Water Quality Standards.



installation of soil vapor extraction (SVE) wells. Copies of the boring and well construction logs are provided in Appendix B. The SVE wells were constructed by placing three 15-foot sections of one-inch diameter PVC pipe with a screened interval from approximately five feet above the water table to five feet below grade so that the entire interval is screened and the sections of pipe can be operated independently, as appropriate. The slot size of the screen is 0.020 inches. The well was gravel packed with Morie #2 gravel to a depth of two foot above the screened interval. (The vertical distance between screen intervals was approximately five feet.) Two feet of hydrated bentonite chips and one foot of well gravel completed the installation between the screened intervals. The balance of the borehole was grouted to grade and a manhole was installed at grade.

#### **4.8 EB Sampling Locations**

Borings EB-1 and EB-2 were performed to a depth of 30 feet below grade in the western portion of the north yard, and borings EB-3 and EB-4, were performed to 12 feet in the eastern portion of the north yard due to perched water. The purpose of these borings was to further delineate the lateral extent of VOCs near the western and eastern boundaries of the property. Although the original scope consisted of soil sampling at five-foot intervals, continuous samples were collected at these four locations to identify the possible presence of perched water layers. Two samples showing high PID readings were collected from each boring for laboratory analysis.

#### **4.9 EB Soil Sampling Results**

The EB soil sampling results show that high concentrations of PCE were identified in samples obtained from locations EB-2 and EB-4 in the north yard of the subject property and exceed the Objective for PCE by up to three orders of magnitude. The chemical analytical results were presented in Table 4.4.1. Concentrations of chloroform and 1, 3, 5-trimethylbenzene slightly exceed the Objectives in the shallower

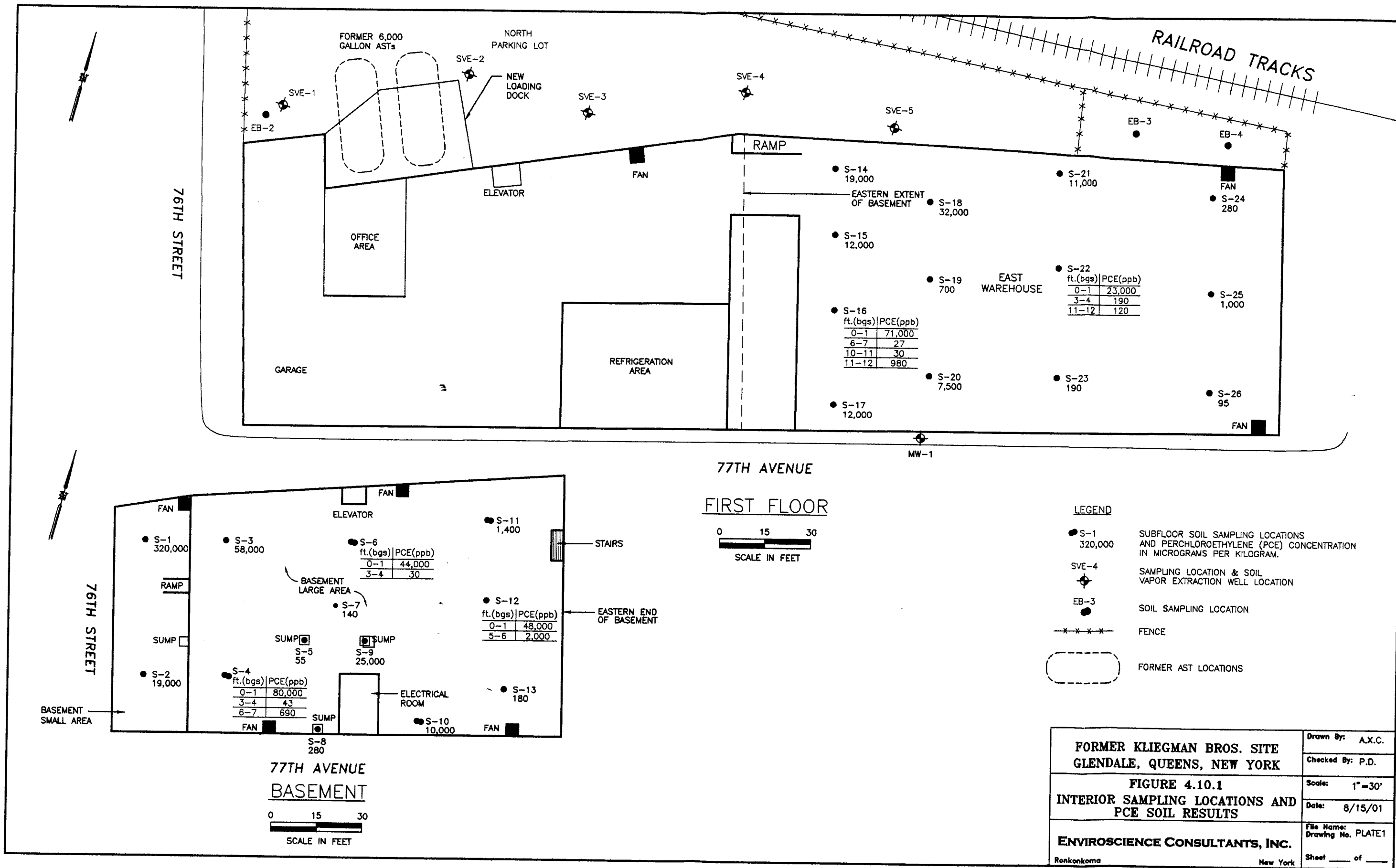
sample collected from sampling location EB-4, and no concentrations of VOCs exceeded the Objectives at locations EB-1 and EB-3. Although concentrations of methylene chloride were detected from sample locations EB-2 and EB-4, these detections are likely associated with laboratory contamination.

The concentrations of PCE detected at location EB-2 and SVE-2 show significant contamination in the upper vadose zone. The high PID readings at location EB-2 significantly decrease at approximately 22 feet below grade (similar to location SVE-2).

A perched water layer, very thin lenses of fine to medium sand within a dense clay layer, and significant PCE odors were encountered at locations EB-4 and SVE-5. These characteristics were also observed at location SVE-5 although not at location SVE-3. Based on the geological evidence, it appears that the perched water and dense clay layer encountered at locations EB-3 and EB-4 is continuous with the perched water layer at location SVE-5. Furthermore, the well MW-1 that is located on the southern portion of the property (which was installed during a previous investigation) may be a southerly component of the perched water layer beneath the eastern portion of the property. Therefore, a perched layer may exist beneath and beyond the eastern portion of the building. Further investigation is required to confirm this.

#### **4.10 Building Subfloor Investigation**

Enviroscience Consultants obtained samples from beneath the floor of the basement and in the eastern portion of the first floor (see Figure 4.10.1). A total of 26 samples were obtained: 10 from the basement (locations S-1 through S-4, S-6, S-7, and S-10 through S-13), 13 from the east side of the first floor (locations S-14 through S-26), and three from the sumps located in the basement (locations S-5, S-8, and S-9). The subfloor samples were obtained by using a concrete corer or direct-push technology to create a hole in the concrete. Dedicated sampling spoons and acetate sampling sleeves



<b>FORMER KIEGMAN BROS. SITE GLENDALE, QUEENS, NEW YORK</b>	Drawn By: A.X.C.
<b>FIGURE 4.10.1 INTERIOR SAMPLING LOCATIONS AND PCE SOIL RESULTS</b>	Checked By: P.D.
<b>ENVIROSCIENCE CONSULTANTS, INC.</b> Ronkonkoma New York	Scale: 1"=30'
	Date: 8/15/01
	File Name: Drawing No. PLATE1
	Sheet ____ of ____

were then used to obtain a soil sample from approximately 0 to 12 inches below the surface of the soil (the concrete floor-soil interface). Dedicated sampling spoons were used to collect sediment samples from the sumps. At five subfloor locations showing high PCE concentrations (based on laboratory results) (locations S-4, S-6, S-12, S-16, and S-22), continuous soil samples were collected by direct-push technology. Continuous sampling was performed in place of the five-foot sampling proposed in the work plan to more accurately characterize the subsurface and to evaluate the presence of perched water layers. The borings were advanced until refusal, which ranged from four to twelve feet beneath the surface of the soil. Based on high PID readings, two additional samples were retained for laboratory analysis (for a total of three samples at each of the five boring locations). No perched water layers were encountered although it appears the borings may not have been advanced to a sufficient depth to encounter the perched water layer.

#### **4.11 Building Subfloor Results**

The subfloor chemical analytical sampling results show that concentrations of PCE exceed the Objectives beneath the floor at most locations in the basement. Samples collected from deeper sampling intervals show that the majority of PCE is confined beneath the building to the first few feet of soil beneath the concrete floors. Concentrations of DCE, toluene, and xylenes also exceed the Objectives although at a limited number of locations. The chemical analytical results are summarized in Table 4.11.1. The laboratory reports for all samples are shown in Appendix C.

The concentrations of VOCs from the samples collected from the sumps show that the sumps associated with sample locations S-8 and S-9 contain VOCs in exceedance of the Objectives and will require remediation.

**Table 4.11.1**  
**Subfloor Soil Chemical Analytical Results**  
**Former Kliegman Bros. Site**  
**76-01 77th Avenue, Glendale, Queens**

Sample Location	S-1	S-2	S-3	S-4			S-5	S-6		NYSDEC Recommended Soil Cleanup Objectives
Depth (in feet below grade)	0-1	0-1	0-1	0-1	3-4	6-7	NA	0-1	3-4	
<b>Volatile Organic Compounds (in micrograms per kilogram)</b>										
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	60
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Chloromethane	ND	ND	ND	ND	ND	ND	ND	94J	ND	-
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	300
1,2-Dichloroethylene (DCE)	ND	120J	ND	ND	ND	2J	ND	ND	ND	250
Ethylbenzene	ND	ND	ND	ND	ND	ND	98	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,000
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	11,000
Methylene Chloride	ND	<b>2,200B</b>	ND	ND	ND	ND	<b>110B</b>	<b>2,400B</b>	ND	100
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	13,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000
Styrene	ND	ND	ND	ND	ND	ND	8J	ND	ND	-
Tetrachloroethylene (PCE)	<b>320,000</b>	<b>19,000</b>	<b>58,000</b>	<b>80,000</b>	43	690	55	<b>44,000</b>	30	1,400
Toluene	ND	140J	ND	ND	ND	ND	6J	160J	ND	1,500
Trichlorethylene (TCE)	ND	250	ND	ND	ND	4J	ND	ND	ND	700
Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	800
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	5J	ND	ND	13,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300
Xylenes (total)	ND	ND	ND	ND	ND	ND	660	300	ND	1,200

**Notes:**

Only detected analytes are reported.

ND = Not Detected

B = Analyte detected in associated blank.

J = Quantitation is estimated.

DCE = Concentrations and NYSDEC Objective are reported for cis-DCE.

- = No NYSDEC Objective available.

**Bold** values exceed the NYSDEC Recommended Soil Cleanup Objectives (TAGM 4046).

**Table 4.11.1 (Continued)**  
**Subfloor Soil Chemical Analytical Results**  
**Former Kliegman Bros. Site**  
**76-01 77th Avenue, Glendale, Queens**

Sample Location	S-7	S-8	S-9	S-10	S-11	S-12		NYSDEC Recommended Soil Cleanup Objectives
Depth (in feet below grade)	0-1	NA	NA	0-1	0-1	0-1	5-6	
<b>Volatiles Organic Compounds (in micrograms per kilogram)</b>								
Benzene	ND	14	ND	ND	ND	ND	ND	60
Bromomethane	ND	ND	ND	580J	ND	ND	ND	-
tert-Butylbenzene	ND	7J	ND	ND	ND	ND	ND	-
Chlormethane	ND	ND	ND	320J	ND	ND	ND	-
Chloroform	ND	ND	23J	ND	ND	ND	6J	300
1,2-Dichloroethylene (DCE)	ND	<b>360</b>	ND	ND	ND	ND	ND	250
Ethylbenzene	ND	1,800	140	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	36	ND	ND	ND	ND	ND	5,000
p-Isopropyltoluene	ND	ND	9J	ND	ND	ND	ND	11,000
Methylene Chloride	73B	<b>130B</b>	<b>1,100BJ</b>	<b>4,400B</b>	ND	ND	47B	100
Naphthalene	ND	23	56J	ND	ND	ND	ND	13,000
n-Propylbenzene	ND	10	8J	ND	ND	ND	ND	14,000
Styrene	ND	67	23J	ND	ND	ND	ND	-
Tetrachloroethylene (PCE)	140	280	<b>25,000</b>	<b>10,000</b>	1,400	<b>48,000</b>	<b>2,000</b>	1,400
Toluene	ND	25	81J	470J	ND	ND	3J	1,500
Trichlorethylene (TCE)	ND	85	ND	ND	ND	ND	5J	700
Trichloroethane (TCA)	ND	ND	44J	ND	ND	ND	1J	800
1,2,4-Trimethylbenzene	ND	68	57J	ND	ND	ND	1J	13,000
1,3,5-Trimethylbenzene	ND	21	26J	ND	ND	ND	2J	3,300
Xylenes (total)	ND	<b>8,700</b>	940	400J	10	ND	1J	1,200

Notes:

Only detected analytes are reported.

ND = Not Detected

B = Analyte detected in associated blank.

J = Quantitation is estimated.

DCE = Concentrations and NYSDEC Objective are reported for cis-DCE.

- = No NYSDEC Objective available.

**Bold values exceed the NYSDEC Recommended Soil Cleanup Objectives (TAGM 4046).**

**Table 4.11.1 (Continued)**  
**Subfloor Soil Chemical Analytical Results**  
**Former Kliegman Bros. Site**  
**76-01 77th Avenue, Glendale, Queens**

Sample Location	S-13	S-14	S-15	S-16				S-17	S-18	NYSDEC Recommended Soil Cleanup Objectives
Depth (in feet below grade)	0-1	0-1	0-1	0-1	6-7	10-11	11-12	0-1	0-1	
<b>Volatile Organic Compounds (in micrograms per kilogram)</b>										
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	60
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Chlormethane	ND	ND	ND	310	ND	ND	ND	110J	ND	-
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	300
1,2-Dichloroethylene (DCE)	ND	ND	ND	ND	ND	ND	ND	350	ND	250
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,000
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	11,000
Methylene Chloride	80B	ND	<b>760B</b>	<b>2,000B</b>	ND	ND	ND	<b>1,000B</b>	<b>3,700B</b>	100
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	13,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Tetrachloroethylene (PCE)	180	<b>19,000</b>	<b>12,000</b>	<b>71,000</b>	27	30	980	<b>12,000</b>	<b>32,000</b>	1,400
Toluene	ND	140J	100	160J	ND	ND	ND	ND	ND	1,500
Trichloroethylene (TCE)	ND	ND	ND	190J	ND	ND	7	140	ND	700
Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	800
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	13,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200

**Notes:**

Only detected analytes are reported.

ND = Not Detected

B = Analyte detected in associated blank.

J = Quantitation is estimated.

DCE = Concentrations and NYSDEC Objective are reported for cis-DCE.

- = No NYSDEC Objective available.

**Bold** values exceed the NYSDEC Recommended Soil Cleanup Objectives (TAGM 4046).

Table 4.11.1 (Continued)  
Subfloor Soil Chemical Analytical Results  
Former Kliegman Bros. Site  
76-01 77th Avenue, Glendale, Queens

Sample Location	S-19	S-20	S-21	S-22			S-23	S-24	S-25	S-26	NYSDEC Recommended Soil Cleanup Objectives
Depth (in feet below grade)	0-1	0-1	0-1	0-1	3-4	11-12	0-1	0-1	0-1	0-1	
<b>Volatile Organic Compounds (in micrograms per kilogram)</b>											
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	60
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Chlormethane	ND	ND	210J	ND	ND	ND	ND	ND	ND	ND	-
Chloroform	ND	ND	ND	ND	6J	ND	ND	ND	ND	ND	300
1,2-Dichloroethylene (DCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	250
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,500
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,000
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11,000
Methylene Chloride	77B	<b>14,000B</b>	ND	<b>1,900B</b>	71B	ND	41B	44B	91B	41B	100
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Tetrachloroethylene (PCE)	700	<b>7,500</b>	<b>11,000</b>	<b>23,000</b>	190	120	190	280	1,000	95	1,400
Toluene	ND	<b>2,200</b>	ND	ND	2J	ND	ND	ND	ND	ND	1,500
Trichloroethylene (TCE)	ND	ND	ND	ND	2J	ND	ND	ND	ND	ND	700
Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	800
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	13,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	1J	ND	ND	ND	ND	ND	3,300
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,200

**Notes:**

Only detected analytes are reported.

ND = Not Detected

B = Analyte detected in associated blank.

J = Quantitation is estimated.

DCE = Concentrations and NYSDEC Objective are reported for cis-DCE.

- = No NYSDEC Objective available.

**Bold** values exceed the NYSDEC Recommended Soil Cleanup Objectives (TAGM 4046).



## SECTION 5.0

### QUALITY ASSURANCE PROJECT PLAN

#### 5.1 Sampling Equipment Decontamination Procedures

All non-disposable downhole equipment used during the drilling and sampling was decontaminated prior to use at each location to prevent cross contamination. All non-disposable equipment was steam cleaned or decontaminated. The decontamination procedures were as follows:

1. Equipment was scrubbed in a bath of potable water and low-phosphate detergent;
2. Potable water rinse;
3. A methanol rinse followed by a hexane rinse;
4. Deionized water rinse; and
5. Air dry, if possible.

#### 5.2 Chain-of-Custody Procedures

For each day of sampling, a chain-of-custody sheet was completed and submitted to the laboratory (a copy of the chain-of-custody was retained by Enviroscience Consultants). The chain-of-custody sheet included the project name, the sampler's signature, the sampling locations, and analysis parameters requested and was used to document the sequence of sample possession.

#### 5.3 QA/QC Samples

QA/QC samples were obtained during the soil and groundwater sampling. During soil and groundwater sampling, one field blank per 20 environmental samples per matrix were prepared by pouring laboratory-supplied, deionized water through the sampling apparatus and into a set of sample containers. The field blank were tested for the same

analytes as the matrices to be sampled. The field blank results were reviewed to evaluate the potential for field or laboratory contamination.

The field blank chemical analytical results show that the decontamination procedures adequately reduced the occurrence of cross contamination during field sampling activities. Table 5.3.1 summarizes the field blank chemical analytical results. Although PCE, methylene chloride, and naphthalene were detected in a limited number of field blank samples, the concentrations were low and do not appear to have impacted the data quality of the environmental samples. It should be noted, however, that the concentrations of methylene chloride detected in the field blank samples were likely the result of laboratory contamination.

One trip blank was provided by the laboratory for each set of samples to be submitted to the laboratory for VOC analysis. The trip blanks were prepared from analyte-free, deionized water by the laboratory and remained in the coolers in which the samples are stored. The purpose of trip blanks was to ensure that no cross-contamination of VOCs occurs in the sample cooler and to attest to laboratory water quality.

The trip blank chemical analytical results show that laboratory procedures were adequately performed. Table 5.3.2 summarizes the trip blank chemical analytical results. Although several compounds were detected, the concentrations were low and do not appear to have impacted the quality of environmental sample analysis.

A matrix spike and matrix spike duplicate for groundwater and soil samples were collected and submitted to the laboratory by obtaining an extra volume of selected samples. The frequency of matrix spike and matrix spike duplicates will be one per 20 environmental samples. The purpose of the matrix spike and matrix spike duplicates were confirm the accuracy and precision of the laboratory.

**Table 5.3.1**  
**Field Blank Chemical Analytical Results**  
**Former Kleigman Bros. Site**  
**76-01 77th Avenue, Glendale, Queens**

Sample No.	SVE-4E	SVE-4QF	SVE-5E	SVE-2E	EB-1E	SB-10E	SVE-2F	SVE-2Q3	SVE-3E	SVE-3QE	SB-9E	FB-7/10
Date	5/31/01	5/31/01	6/1/01	6/4/01	6/5/01	6/6/01	6/14/01	6/14/01	6/18/01	6/18/01	6/19/01	7/10/01
Matrix	Soil	Water	Soil	Soil	Soil	Soil	Soil	Water	Soil	Water	Soil	Soil
<b>Volatile Organic Compounds (in micrograms per liter)</b>												
Methylene Chloride	ND	ND	ND	ND	ND	ND	52	40	51B	59B	51	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6B	ND
Tetrachloroethylene (PCE)	ND	ND	ND	6	ND	ND	ND	ND	6	ND	ND	ND

**Notes:**

Only detected analytes are reported

ND = Not Detected

B = Analyte was detected in associated blank.

Matrix refers to the matrix the blank is associated.

**Table 5.3.2**  
**Trip Blank Chemical Analytical Results**  
**Former Kliegman Bros. Site**  
**76-01 77th Avenue, Glendale, Queens**

Sample No.	SVE-4T	TB-2	TB-3	TB-4	TB-5	TB-6	TB-7	TB-8	TB-7/10
Date	5/31/01	6/1/01	6/4/01	6/5/01	6/6/01	6/14/01	6/18/01	6/19/01	7/10/01
<b>Volatile Organic Compounds (in micrograms per liter)</b>									
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	4
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	1
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	1
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	2
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	2
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	3
Methylene Chloride	ND	ND	ND	ND	ND	45	58B	48	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	41B	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	2	ND
1, 2, 4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	2	ND

**Notes:**

Only detected analytes are reported.

ND = Not Detected

B = Analyte detected in associated blank.

Blind duplicate samples for each matrix were obtained at a frequency of at least five percent of the total number of environmental samples obtained to evaluate to the precision of the laboratory. The duplicate sample results (and associated primary samples) are summarized in Table 5.3.3. A comparison of the primary and duplicate sample results shows that the chemical analytical results were generally similar although higher relative percent differences (RPD) were noted associated with some of the soil results. Some of the elevated RPDs may have resulted from heterogeneity that would be expected from the sample matrix (soil). The elevated RPDs do not appear to have a significant impact on the data quality of the environmental samples due to the relatively high concentrations of the primary sample results.

**Table 5.3.3**  
**Duplicate Sample Chemical Analytical Results**  
**Former Kliegman Bros. Site**  
**76-01 77th Avenue, Glendale, Queens**

Sample Type	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate
Sample I.D.	SVE-3B	SVE-3D	SVE-4Q2	SVE-4Q3	EB-1B	EB-1C	S-5A	S-5C	S-19A	S-19C	S-22/3-4A	S-22/3-4C
Matrix	Soil		Water		Soil		Soil		Soil		Soil	
<b>Volatle Organic Compounds</b>												
Benzene	ND	6J	ND	ND	ND	ND	8J	6J	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6J	6J
1,2-Dichloroethylene (DCE)	ND	ND	12	14	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	5J	ND	ND	ND	ND	ND
Methylene Chloride	80B	164B	ND	ND	41B	39B	ND	ND	77B	77	71B	ND
Styrene	ND	ND	ND	ND	ND	ND	660	280	ND	ND	ND	ND
Tetrachloroethylene (PCE)	18	70	1200	1200	40	180	ND	ND	700	300	140	220
Toluene	ND	15	1J	ND	ND	ND	110B	130B	ND	ND	2J	2J
1,1,1-Trichloroethane	ND	ND	3J	3J	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	ND	ND	2J	1J	ND	ND	6J	ND	ND	ND	2J	2J
1,2,4-Trimethylbenzene	ND	5J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1J	ND
Xylenes (total)	ND	10	ND	ND	ND	ND	98	49	ND	ND	ND	ND

**Notes:**

Only detected analytes are reported.

Soil results are reported in micrograms per kilogram.

Water results are reported in micrograms per liter.

DCE = Concentrations are reported for cis-DCE.

B = Analyte detected in associated blank.

ND = Not Detected.

## **SECTION 6.0**

### **RECOMMENDATIONS**

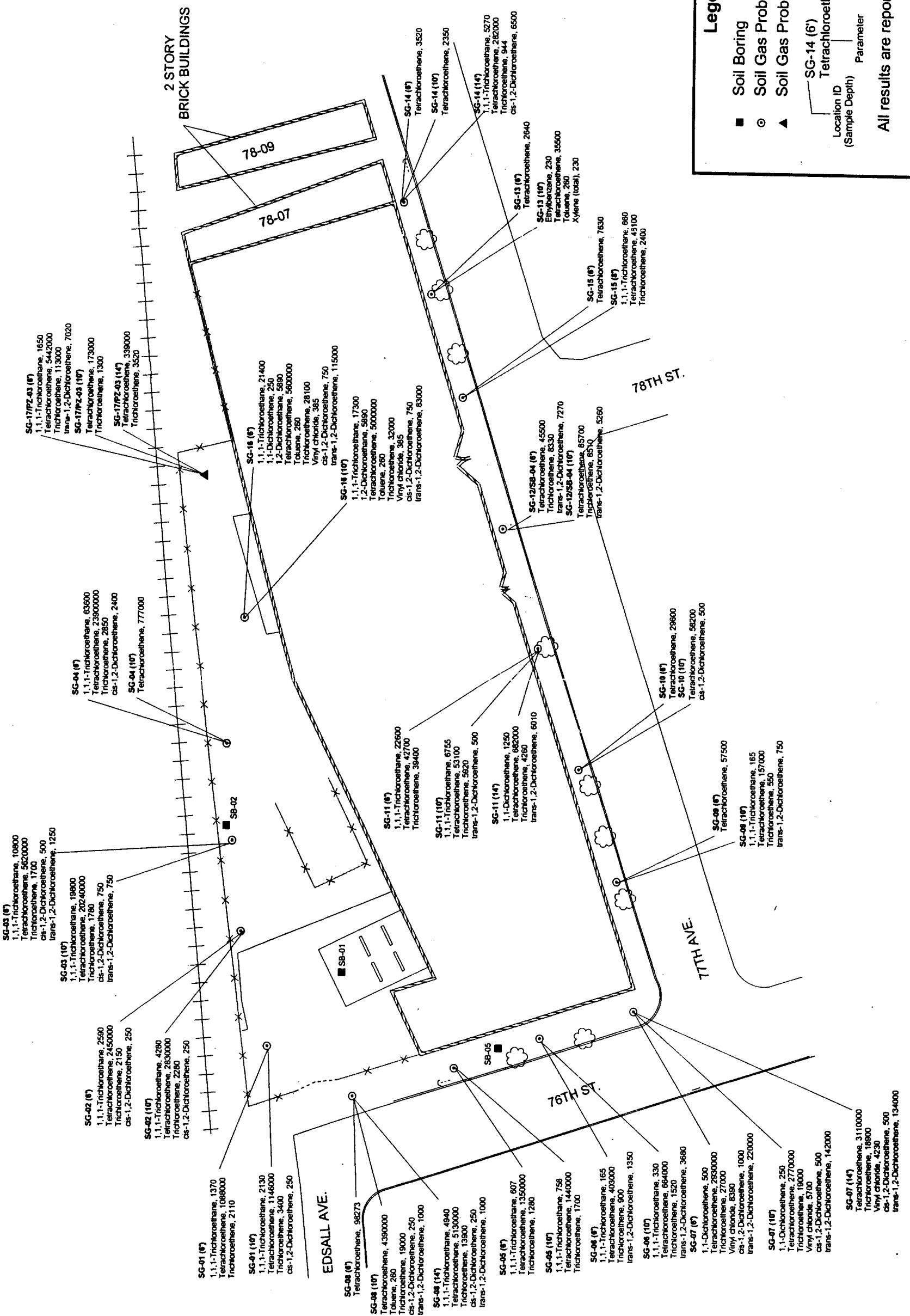
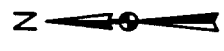
Based on the findings of the investigation, the following recommendations are offered:

- A work plan should be prepared to address the remediation of the soil using the existing SVE wells and the installation of a horizontal pipe in the eastern portion of the north yard in the area of borings EB-3 and 4 which exist over a perched layer. One additional SVE well should be installed in the area adjacent to the former ASTs. The SVE well should be installed to within approximately five feet of the water table and be designed similar to SVE-2. This SVE well should be installed using the Odex drilling system (or other method capable of penetrating the geological material) since the geology in this area does not allow drilling using hollow-stem auger drilling. The SVE wells will be connected to a mechanical blower. A pilot test will be included in the work plan.
- For the area beneath the building, an SVE system should be installed. The system will be designed to have a lateral area of influence throughout the entire area beneath the building. In the eastern portion of the building, borings should be performed to a depth up to 30 feet to evaluate the potential presence of a confining clay layer and to install vapor pressure monitoring wells to evaluate the vertical extent of the influence of the SVE system. A pilot test will be included in the work plan. Vapor emissions treatment will be included, as necessary.
- An Interim Remedial Measure (IRM) should be performed to remove the sediment from the sump in the basement samples at locations S-8 and S-9. In addition, soil with high levels of PCE in the area of the former ASTs should be excavated and disposed. An IRM Work Plan for these areas will be prepared and submitted.
- For the groundwater, a further investigation of the nature and extent of contamination on Site should be performed. This should include two phases of well installations: the first phase will include the installation of three wells for the primary purpose of confirming the Site-specific groundwater flow direction. The second phase will include additional wells in the downgradient area. A work plan for the groundwater investigation will be prepared.

## **APPENDIX A**

### **Previous Soil Gas Sample Locations and Results**





**KLIEGMAN BROTHERS, INC.**

**ONSITE FIELD MEASUREMENTS - SAMPLE LOCATIONS AND DETECTIONS**

**URS Greiner Woodward Clyde**

**FIGURE 3**



All results are reported in ppbv.

## **APPENDIX B**

### **Boring Logs**

<b>Project</b>	Former Kleigman Bros.					<b>Notes:</b>
<b>Boring No.</b>	EB-1	<b>Total</b>				
<b>Depth</b>	30 FT	<b>Surface Ele.</b>	N/A			
<b>Screen Dia.</b>	N/A	<b>Length</b>	N/A	<b>Slot Size</b>	N/A	
<b>Drilling Method:</b>	Direct-Push					
<b>Driller</b>	LAWES					
<b>Log By</b>	Menegio	<b>Date Drilled</b>	6/5/01			

Depth (Feet)	PID (ppm)	Sample Intervals (PCE lab results in ug/kg)	Graphic Logs	Description/Soil Classification (Color, Texture, Structures) (Reported In Feet Below Grade)
-2-	2		Asphalt/Fill	0-2 Asphalt, Concrete Fill
-4-				2-12 SC. Brown. Fine Sand and Clay. Moist. No Solvent Odors.
-6-	6		SC	12-20 SC. Brown. Fine Sand and Silt. Moist. No Solvent Odors.
-8-				20-28 SC. Brown. Fine Sand and Silt with Gravel and Gravel-Sized Rock Fragments. Moist. No Solvent Odors.
-10-				28-30 SW. Brown. Fine to Coarse Sand with Gravel and Gravel-Sized Rock Fragments. Moist. No Solvent Odors.
-12-				End of Boring. Completed.
-14-	10		SW	
-16-				
-18-	13		SW	
-20-				
-22-		55		
-24-				
-26-				
-28-				
-30-	8			
-32-		40		
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				
-48-				
-50-				

<b>Project</b>	Former Kleigman Bros.				Notes:	
<b>Boring No.</b>	EB-2	Total				
<b>Depth</b>	30 FT	Surface Ele.	N/A			
<b>Screen Dia.</b>	N/A	Length	N/A	Slot Size		N/A
<b>Drilling Method</b>	Direct-Push					
<b>Driller</b>	LAWES					
<b>Log By</b>	Menegio	Date Drilled	6/5/01			

Depth (Feet)	PID (ppm)	Sample Interval (PCE lab results in ug/kg)	Graphic Logs	Description/Soil Classification (Color, Texture, Structures) (Reported In Feet Below Grade)
-2-			Asphalt/Fill	0-2 Asphalt, Concrete, Fill
-4-			SC	2-8 SC. Brown. Fine Sand and Clay with Fine to Coarse Gravel. Moist. Solvent Odor
-6-				
-8-			SW	8-15 SC. Brown. Fine to Medium Sand with Silt and Gravel. Moist. Solvent Odor.
-10-				
-12-	218		SW	15-22 SW. Brown. Fine to Medium Sand with Fine to Coarse Gravel. Moist. Solvent Odor.
-14-		85,000		
-16-			SW	22-30 SC. Brown. Fine Sand and Silt with Gravel and Gravel-Sized Rock Fragments. Moist. Solvent Odor.
-18-				
-20-	205		SC	End of Boring. Completed
-22-		430,000		
-24-	>2000		SC	
-26-				
-28-	58			
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				
-48-				
-50-				

<b>Project</b>	Former Kleigman Bros.				Notes: Boring sealed as precautionary measure
<b>Boring No.</b>	EB-3	<b>Total</b>			
<b>Depth</b>	12 FT	<b>Surface Ele.</b>	N/A		
<b>Screen Dia.</b>	N/A	<b>Length</b>	N/A	<b>Slot Size</b> N/A	
<b>Drilling Method</b>	Direct-Push				
<b>Driller</b>	Zebra				
<b>Log By</b>	Menegio	<b>Date Drilled</b>	7/10/01		

Depth (Feet)	PID (ppm)	Sample Interval (PCE lab results in ug/kg)	Graphic Logs	Description/Soil Classification (Color, Texture, Structures) (Reported In Feet Below Grade)
-2-			... SW. ...	0-2 SW. Dark Brown. Fine Sand to Medium Gravel. Plant Material. Moist. No Solvent Odor.
-4-	105	82	SC	2-5 SC. Brown. Fine Sand and Clay. Moist. Solvent Odor.
-6-		69	CL	5-9 CL. Brown and Gray. Clay with Thin Lenses of Fine to Medium Sand (Dark Brown). Moist. Solvent Odors.
-8-	135		SC	9-10 SC. Brown. Fine Sand and Silt. Wet. Solvent Odors.
-10-	45		CL	10-12 CL. Grayish-Brown. Clay. Wet. Solvent Odors
-12-	12			Stop due to clay and perched water.
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				
-48-				
-50-				

<b>Project</b>	Former Kleigman Bros.				
<b>Boring No.</b>	EB-4	<b>Total</b>			
<b>Depth</b>	12 Ft.	<b>Surface Ele.</b>	N/A		
<b>Screen Dia.</b>	N/A	<b>Length</b>	N/A	<b>Slot Size</b>	N/A
<b>Drilling Method</b>	Direct-Push				<b>Notes:</b>  Boring sealed as a precautionary measure
<b>Driller</b>	Zebra				
<b>Log By</b>	Menegio	<b>Date Drilled</b>	7/10/01		

Depth (Feet)	PID (ppm)	Well Construction	Graphic Logs	Description/Soil Classification (Color, Texture, Structures) (Reported In Feet Below Grade)
-2-	218			0-2 SW. Dark Brown. Fine Sand to Medium Gravel. Plant Material. Moist. No Solvent Odor
-4-				
-6-	<2,000	1,400,000		2-5 SW. Brown. Fine Sand and Clay. Moist. Solvent Odor
-8-				5-7 SW. Brown. Fine to Medium Sand. Solvent Odor. Moist
-10-				
-12-	45	2,100		7-10 SW. Brown and Gray. Clay with Thin Lenses of Orangish-Brown. Fine to Medium Sand. Moist. Solvent Odors.
-14-				
-16-				10-12 SW. Brown. Fine to Medium Sand and Gravel. Wet. Solvent Odor.
-18-				Stop Due to Perched Water Layer.
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				
-48-				
-50-				

<b>Project</b>	Former Kleigman Bros.			<b>Well Construction:</b>
<b>Boring No.</b>	SVE-1	<b>Total</b>		Bentonite Seal 2-4 ft.
<b>Depth</b>	26 FT.	<b>Surface Ele.</b>	N/A	Well Gravel 4-26 ft.
<b>Screen Dia.</b>	1 in.	<b>Length</b>	20 FT.	Screened Interval 5-25 ft.
<b>Drilling Method</b>	Hollow Steam Auger			<b>Notes:</b>
<b>Driller</b>	LAWES			Refusal at Four Locations on
<b>Log By</b>	Menegio	<b>Date Drilled</b>	6/19/01 & 6/27/01	6/19/01 and 6/27/01

Depth (Feet)	PID (ppm)	Well Construction	Graphic Logs	Description/Soil Classification (Color, Texture, Structures) (Reported In Feet Below Grade)
-2-				Location of SVE-1 in Close Proximity to EB-2. See Boring Log for EB-2.
-4-				Refusal at 26 FT.
-6-				
-8-				
-10-				
-12-				
-14-				
-16-				
-18-				
-20-				
-22-				
-24-				
-26-				
-28-				
-30-				
-32-				
-34-				
-36-				
-38-				
-40-				
-42-				
-44-				
-46-				
-48-				
-50-				

<b>Project</b>	Former Kliegman Bros.			<b>Well Construction</b>
<b>Boring No.</b>	SVE-2	<b>Total</b>		SVE-2A      Screened interval 5-20 ft.
<b>Depth</b>	96 FT.	<b>Surface Ele.</b>	N/A	SVE-2B      Screened interval 25-40 ft.
<b>Screen Dia.</b>	1 in.	<b>Length</b>		SVE-2C      Screened interval 45-60 ft.
<b>Drilling Method</b>	Hollow Steam Auger			<b>Notes:</b>
<b>Driller</b>	LAWES			
<b>Log By</b>	Menegio	<b>Date Drilled</b>	6/4/01 and 6/14/01	

Depth (Feet)	PID (ppm)	Sample Interval (I)	Well Construction	Graphic Logs	Description/Soil Classification (Color, Texture, Structures) (Reported In Feet Below Grade)
-3-	28		A B C		0-7 SC. Brown. Fine Sand with Clay. No Solvent Odors Moist.
	23	10,000		SC	
-6-	218			SW	7-8 SC. Brown. Fine Sand and Clay with Gravel-Sized Rock Fragments. No Solvent Odors.
-9-	78			SC	Moist.
	450			SW	8-10 SW. Brown. Fine to Coarse Sand and Fine to Coarse Gravel. Moist. No Solvent Odors.
-12-	4			CL	
	68			SC	10-12 SC. Brown. Fine to Medium Sand and Clay. Moist.
-15-	45				No Solvent Odors.
-18-	>2000			SW	12-13 SW. Brown. Fine to Medium Sand. Moist. No Solvent Odors .
-21-	>2000				13-14 CL. Brown. Clay. Moist. No Solvent Odors.
	125				14-15 SC. Brown. Fine Sand and Silt. Slight Solvent Odor.
-24-	25				Moist.
-27-	36				15-16 SC. Brown. Fine to Medium Sand and Silt. Slight Solvent Odor. Moist.
-30-	>2000			SC	16-17 SW. Brown. Fine to Coarse Sand. Solvent Odor. Moist
-33-					17-18 SC. Brown, Fine Sand and Clay. Solvent Odor. Moist.
					18-22 SW. Brown. Fine to Coarse Sand with Gravel-Sized Rock Fragments. Solvent Odor. Moist.
-36-	>2000				22-28 SC. Brown. Fine to Medium Sand and Silt with Gravel-Sized Rock Fragments. Moist. No Solvent Odor.
-39-	162	130,000			28-30 SC. Brown. Fine Sand and Silt with Gravel-sized Rock Fragments. Moist. No Solvent Odor.
-42-	>2000				30-38 SC. Brown. Fine to Medium Sand with Silt, Gravel-Sized Rock Fragments. Moist. Solvent Odor.
-45-	>2000	2,400,000			38-66 SW. Brown. Fine to Coarse Sand, Trace Gravel. Moist. Solvent Odor.
-48-	>2000			SW	66 Water Table Encountered.
-51-	872				
-54-	>2000				
-57-	105				
-60-	87				
-63-					
-69-					
-72-					
-75-					(1) (PCE Concentration in ug/kg)
-78-					<b>ENVIROSCIENCE CONSULTANTS, INC.</b> <b>BORING LOG</b>



**Project** Former Kleigman Bros.  
**Boring No.** SVE-3 Total  
**Depth** 71 ft. Surface Ele.  
**Screen Dia.** 1 in. Length Slot Size  
**Drilling Method** Hollow Steam Auger  
**Driller** LAWES  
**Log By** Menegio Date Drilled June 15 and June 18, 2001

**Well Construction:**  
 SVE-3A Screened Interval 5-20 ft.  
 SVE-3B Screened Interval 25-40 ft.  
 SVE-3C Screened Interval 45-60 ft.  
**Notes:**

Depth (Feet)	PID (ppm)	Sample Interval (I)	Well Construction	Graphic Logs	Description/Soil Classification (Color, Texture, Structures) (Reported In Feet Below Grade)
-3-	0		A B C		0-4 Asphalt, Silty-Sand and Gravel and Gravel-Sized Rock Fragments and Concrete.
-6-	0				
-9-	0	22		SW	9-11 SW. Brown. Fine to Medium Sand. Moist. No Solvent Odor.
-12-				SC	
-15-	0				14-16 SC. Brown. Fine to Medium Sand and Clay. Moist. No Solvent Odors.
-18-				SW	
-21-	0				19-21 SW. Brown. Fine to Medium Sand with Fine to Coarse Gravel and Gravel-Sized Rock Fragments. Moist. No Odors.
-24-	0				
-27-	0				29-31 SW. Brown. Fine to Medium Sand with Coarse Sand, Fine to Coarse Gravel and Gravel-Sized Rock Fragments. Moist. No Odor.
-30-	0			SW	
-33-					
-36-					39-41 SW. Brown. Fine to Coarse Sand, Trace Gravel, and Gravel-Sized Rock Fragments. Moist. No Odor.
-39-	7			SW	
-42-	3				44-46 SW. Brown. Fine to Coarse Sand, Trace Fine to Medium Gravel. Moist. No Odor.
-45-				SW	
-48-	7				49-51 SW. Brown. Fine to Coarse Sand, Trace Fine to Medium Gravel. Moist. No Odor.
-51-				SW	
-54-					54-56 SW. Brown. Fine to Coarse Sand, Trace Fine to Medium Gravel. Moist. No Odor.
-57-	8	18		SW	
-60-		68			59-60 SW. Brown. Fine Sand. Moist. No Odor.
-63-	183			SW	
-66-					60-61 SW. Brown. Fine to Coarse Sand. Moist. No Odor.
-69-				SW	
-71-					64-66 SW. Brown. Fine to Coarse Sand. Trace Gravel. Moist. No Odors.
-74-					69-71 SW. Brown. Fine to Coarse Sand, Trace Gravel. No Odors. Wet. '(1) (PCE lab results in ug/kg)

<b>Project</b>	Former Kleigman Bros.			<b>Well Construction:</b>
<b>Boring No.</b>	SVE-4	<b>Total</b>		SVE 4A - Screened 5 to 15 ft.
<b>Depth</b>	96 Ft.	<b>Surface Ele.</b>	N/A	SVE-4B - Screened 20 to 35 ft.
<b>Screen Dia.</b>	1 in.	<b>Length</b>		SVE 4C - Screened 40 to 55 ft.
<b>Drilling Method</b>	Hollow-Stem Auger			<b>Notes:</b>
<b>Driller</b>	LAWES			
<b>Log By</b>	Menegio	<b>Date Drilled</b>	May 30-31, 2001	

Depth (Feet)	PID (ppm)	Well Construction	Graphic Logs	Description/Soil Classification (Color, Texture, Structures) (Reported In Feet Below Grade)
-3-	0	A B C	CL	0-1 Asphalt and Fill Material.
-6-				1-2 CL. Brown. Clay. Moist. No Solvent Odors or Staining
-9-	0		SC	2-4 CL. Orangish-Brown Clay. Moist. No Solvent Odors or Staining.
-12-	0		CL	4-7 SC. Orangish-Brown. Fine Sand with Clay. Moist. No Solvent Odors or Staining.
-15-	0		SC	7-11 SC. Orangish-Brown. Fine to Medium Sand with Clay. Moist. No Solvent Odors or Stainng.
-18-			CL	11-12 SC. Orangish-Brown. Fine Sand amd Clay. Moist. No Solvent Odors or Staining.
-21-	0		CL	12-14 CL. Brown. Clay. Moist. No Solvent Odors or Staining.
-24-	82		SC	14-19 SC. Brown. Fine Sand and Clay, Trace Gravel. Moist. No Solvent Odors or Staining.
-27-	112		SC	19-20 CL. Brown. Clay. Moist. No Solvent Odors or Staining.
-30-	24			20-21 No Recovery
-33-	17			21-25 SC. Brown. Fine Sand with Clay, Trace Fine to Medium Gravel, Pieces of Rock. Moist. No Solvent Odor or Staining.
-36-	13			25-27 No Recovery
-39-	4			27-37 SC. Brown. Fine Sand and Clay, with Fine to Coarse Gravel. Moist. No Solvent Odors or Staining.
-42-	54			37-45 SW. Brown. Fine to Medium Sand. Trace Coarse Sand. Moist. No Soolvent Odors or Staining.
-45-	32			45-49 SW. Brown. Fine to Medium Sand. Trace Coarse Sand to Fine Gravel. Moist. No Solvent Odors or Staining.
-48-	0			49-51 SW. Brown. Fine to Medium Sand. Trace Coarse Sand to Fine Gravel. Moist. No Solvent Odors or Staining.
-51-	23			51-53 SW. Brown. Fine to Medium Sand, Trace Medium Fine to Medium Gravel. Moist. No Solvent Odors or Staining.
-54-	0		SW	53-59 SW. Brown. Fine Sand. Trace Medium Sand to Medium Gravel. Moist. No Solvent Odors or Staining.
-57-	0			59-66 SW. Brown. Fine to Coarsse Sand. Trace Fine to Medium Gravel. Moist. No Solvent Odors or Staining.
-60-	0			
-63-	0			
-66-				
-69-				
-71-				
-74-				

<b>Project</b>	Former Kleigman Bros.			<b>Well Construction</b>
<b>Boring No.</b>	SVE-5	<b>Total</b>		SVE-5A - Screened 4-14 ft.
<b>Depth</b>	16Ft.	<b>Surface Ele.</b>	NA	Bentonite seal 15-16 ft. and 2-3 ft.
<b>Screen Dia.</b>	1In.	<b>Length</b>	10 FT	Slot Size
<b>Drilling Method</b>	Hollow Steam Auger			<b>Notes:</b>
<b>Driller</b>	LAWES			Drilling stopped due to clay and perched water.
<b>Log By</b>	Menegio	<b>Date Drilled</b>	6/1/01	Boring sealed as precautionary measure

Depth (Feet)	PID (ppm)	Sample Interval (1)	Well Construction	Graphic Logs	Description/Soil Classification (Color, Texture, Structures) (Reported In Feet Below Grade)
-2-	14	110			0-2 CL. Orangish-Brown. Clay to Fine Sand. Moist. No Solvent Odors.
-4-	50				2-5 SW. Orangish-Brown. Fine to Medium Sand. Moist. No Solvent Odors.
-6-	8				5-8 CL. Orangish-Brown. Clay. Moist. No Solvent Odors.
-8-					8-10 SW. Orangish-Brown. Fine to Medium Sand. Moist. No Solvent Odors.
-10-	5				10-11 Not Sampled.
-12-					11-12 CL. Gray. Clay. Moist. No Solvent Odors.
-14-	28				12-13 CL. Orangish-Brown. Clay with Sand. Moist. No Solvent Odors or Staining.
-16-					13-14 Not Sampled
-18-	275				14-16 CL. Brown. Clay with Few Thin Lenses of Fine to Medium Sand. Wet. Strong Solvent Odor in Lens Zone.
-20-					
-22-					
-24-					
-26-					
-28-	710				
-30-					
-32-	6,700,000				
-34-					
-36-					
-38-					
-40-					
-42-					
-44-					
-46-					
-48-					
-50-					

(1) (PCE Concentration in ug/kg)

**APPENDIX C**  
**Laboratory Reports**

**YORK**  
ANALYTICAL LABORATORIES, INC.

# Technical Report

prepared for

**Enviroscience Consultants, Inc.**  
2150 Smithtown Avenue  
Ronkonkoma, NY 11779  
Attention: Mr. Greg Menegio

Report Date: 6/14/2001  
*Re: Client Project ID: Former Kliegman Bros. Site*  
York Project No.: 01060036

CT License No. PH-0723    New York License No. 10854    Mass. License No. M-CT106    Rhode Island License No. 93    EPA I.D. No. CT00106



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Page 1 of 6

Report Date: 6/14/2001  
 Client Project ID: Former Kliegman Bros. Site  
 York Project No.: 01060036

**Enviroscience Consultants, Inc.**  
 2150 Smithtown Avenue  
 Ronkonkoma, NY 11779  
 Attention: Mr. Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/01/01. The project was identified as your project "Former Kliegman Bros. Site".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

## Analysis Results

Client Sample ID			SVE-5A		SVE-5B	
York Sample ID			01060036-01		01060036-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	10
1,1,1-Trichloroethane			Not detected	5.0	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	10
1,1,2-Trichloroethane			Not detected	5.0	Not detected	10
1,1-Dichloroethane			Not detected	5.0	Not detected	10
1,1-Dichloroethylene			Not detected	5.0	Not detected	10
1,1-Dichloropropylene			Not detected	5.0	Not detected	10
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	10
1,2,3-Trichloropropane			Not detected	5.0	Not detected	10
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	10
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	10
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	10
1,2-Dibromoethane			Not detected	5.0	Not detected	10
1,2-Dichlorobenzene			Not detected	5.0	Not detected	10
1,2-Dichloroethane			Not detected	5.0	Not detected	10

**YORK**

Client Sample ID			SVE-5A		SVE-5B	
York Sample ID			01060036-01		01060036-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	10
1,2-Dichloropropane			Not detected	5.0	Not detected	10
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	10
1,3-Dichlorobenzene			Not detected	5.0	Not detected	10
1,3-Dichloropropane			Not detected	5.0	Not detected	10
1,4-Dichlorobenzene			Not detected	5.0	Not detected	10
1-Chlorohexane			Not detected	5.0	Not detected	10
2,2-Dichloropropane			Not detected	5.0	Not detected	10
2-Chlorotoluene			Not detected	5.0	Not detected	10
4-Chlorotoluene			Not detected	5.0	Not detected	10
Benzene			Not detected	5.0	Not detected	10
Bromobenzene			Not detected	50	Not detected	100
Bromochloromethane			Not detected	50	Not detected	100
Bromodichloromethane			Not detected	5.0	Not detected	10
Bromoform			Not detected	50	Not detected	100
Bromomethane			Not detected	5.0	Not detected	10
Carbon tetrachloride			Not detected	5.0	Not detected	10
Chlorobenzene			Not detected	5.0	Not detected	10
Chloroethane			Not detected	50	Not detected	100
Chloroform			Not detected	50	Not detected	100
Chloromethane			Not detected	5.0	Not detected	10
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	10
Dibromochloromethane			Not detected	5.0	Not detected	10
Dibromomethane			Not detected	5.0	Not detected	10
Dichlorodifluoromethane			Not detected	5.0	Not detected	10
Ethylbenzene			Not detected	5.0	Not detected	10
Hexachlorobutadiene			Not detected	5.0	Not detected	10
Isopropylbenzene			Not detected	5.0	Not detected	10
Methylene chloride			Not detected	5.0	Not detected	10
Naphthalene			Not detected	5.0	Not detected	10
n-Butylbenzene			Not detected	5.0	Not detected	10
n-Propylbenzene			Not detected	5.0	Not detected	10
o-Xylene			Not detected	5.0	Not detected	10
p- & m-Xylenes			Not detected	5.0	Not detected	10
p-Isopropyltoluene			Not detected	5.0	Not detected	10
sec-Butylbenzene			Not detected	5.0	Not detected	10
Styrene			Not detected	5.0	Not detected	10
tert-Butylbenzene			Not detected	5.0	Not detected	10
Tetrachloroethylene			110	5.0	710	10
Toluene			Not detected	5.0	Not detected	10
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	10
Trichloroethylene			Not detected	5.0	8 J	10
Trichlorofluoromethane			Not detected	5.0	Not detected	10
Vinyl chloride			Not detected	50	Not detected	100

**YORK**

Client Sample ID			SVE-5C	
York Sample ID			01060036-03	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	50000
1,1,1-Trichloroethane			Not detected	50000
1,1,2,2-Tetrachloroethane			Not detected	50000
1,1,2-Trichloroethane			Not detected	50000
1,1-Dichloroethane			Not detected	50000
1,1-Dichloroethylene			Not detected	50000
1,1-Dichloropropylene			Not detected	50000
1,2,3-Trichlorobenzene			Not detected	50000
1,2,3-Trichloropropane			Not detected	50000
1,2,3-Trimethylbenzene			Not detected	50000
1,2,4-Trichlorobenzene			Not detected	50000
1,2,4-Trimethylbenzene			36000 J	50000
1,2-Dibromo-3-chloropropane			Not detected	50000
1,2-Dibromoethane			Not detected	50000
1,2-Dichlorobenzene			Not detected	50000
1,2-Dichloroethane			Not detected	50000
1,2-Dichloroethylene (Total)			Not detected	50000
1,2-Dichloropropane			Not detected	50000
1,3,5-Trimethylbenzene			14000 J	50000
1,3-Dichlorobenzene			Not detected	50000
1,3-Dichloropropane			Not detected	50000
1,4-Dichlorobenzene			Not detected	50000
1-Chlorohexane			Not detected	50000
2,2-Dichloropropane			Not detected	50000
2-Chlorotoluene			Not detected	50000
4-Chlorotoluene			Not detected	50000
Benzene			200000	50000
Bromobenzene			Not detected	50000
Bromochloromethane			Not detected	500000
Bromodichloromethane			Not detected	500000
Bromoform			Not detected	50000
Bromomethane			Not detected	500000
Carbon tetrachloride			Not detected	50000
Chlorobenzene			Not detected	50000
Chloroethane			Not detected	50000
Chloroform			Not detected	500000
Chloromethane			Not detected	500000
cis-1,3-Dichloropropylene			Not detected	50000
Dibromochloromethane			Not detected	50000
Dibromomethane			Not detected	50000
Dichlorodifluoromethane			Not detected	50000
Ethylbenzene			65000	50000
Hexachlorobutadiene			Not detected	50000
Isopropylbenzene			Not detected	50000
Methylene chloride			Not detected	50000
Naphthalene			13000 J	50000
n-Butylbenzene			Not detected	50000
n-Propylbenzene			Not detected	50000
o-Xylene			31000 J	50000

**YORK**



Client Sample ID			SVE-5C	
York Sample ID			01060036-03	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
p- & m-Xylenes			160000	50000
p-Isopropyltoluene			Not detected	50000
sec-Butylbenzene			Not detected	50000
Styrene			Not detected	50000
tert-Butylbenzene			Not detected	50000
Tetrachloroethylene			6700000	50000
Toluene			39000 J	50000
trans-1,3-Dichloropropylene			Not detected	50000
Trichloroethylene			Not detected	50000
Trichlorofluoromethane			Not detected	50000
Vinyl chloride			Not detected	500000

Client Sample ID			TB-2		SVE-5E	
York Sample ID			01060036-04		01060036-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1

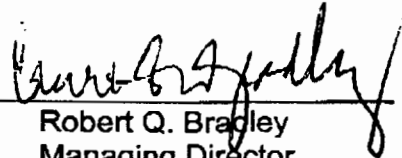
**YORK**

Client Sample ID			TB-2		SVE-5E	
York Sample ID			01060036-04		01060036-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

**Notes for York Project No. 01060036**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:   
 Robert Q. Bradley  
 Managing Director

Date: 6/14/2001

**YORK**

**Field Chain-of-Custody Record**

Company Name: Environmental Consultants, Inc.  
 Report To: Guy Heneggo  
 Invoice To: Same  
 Project ID/No.: Former Kligerman Bros. Site  
 Samples Collected By (Signature): [Signature]  
 Name (Printed): Guy Heneggo

Sample No.	Location/ID	Date Sampled	Sample Matrix			ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air OTHER		
1	TR-2	6/1/01 1030	X			VOCs by 8260	2-gal. HDPE
2	SVE-4A	6/1/01	X				1-gal
3	SVE-SA	6/1/01 1100	X			VOCs by 8260	1-gal ↑
4	SVE-SB	1200	X				
5	SVE-SC	1205	X				1-gal
6	SVE-SE	6/1/01 1245	X			VOCs by 8260	2-gal. HDPE

**Chain-of-Custody Record**

Bottles Relinquished from Lab by: [Signature] Date/Time: 5/31/01 0800  
 Bottles Received in Field by: [Signature] Date/Time: 6/1/01 1650  
 Sample Relinquished by: [Signature] Date/Time: 6/1/01 1650  
 Sample Received in Lab by: [Signature] Date/Time: 6-1-01/1650  
 Turn-Around Time: Standard  RUSH(define)

Comments/Special Instructions: Control Sample Temp 2.6°C  
Minimum Vol & Air Deliverables

**YORK**  
ANALYTICAL LABORATORIES, INC.

# Technical Report

prepared for

**Enviroscience Consultants, Inc.**  
2150 Smithtown Avenue  
Ronkonkoma, NY 11779  
Attention: Mr. Greg Menegio

Report Date: 6/14/2001  
*Re: Client Project ID: Former Kliegman Bros. Site*  
York Project No.: 01060061

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Page 1 of 8

**Enviroscience Consultants, Inc.**  
 2150 Smithtown Avenue  
 Ronkonkoma, NY 11779  
 Attention: Mr. Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/01/01. The project was identified as your project "Former Kliegman Bros. Site".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

## Analysis Results

Client Sample ID			SVE-4B		SVE-4C	
York Sample ID			01060061-01		01060061-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0

**YORK**

Client Sample ID			SVE-4B		SVE-4C	
York Sample ID			01060061-01		01060061-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			18	5.0	47	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

**YORK**

Client Sample ID			SVE-4T		SVE-4E	
York Sample ID			01060061-03		01060061-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylen			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzenc			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1

**YORK**

Client Sample ID			SVE-4T		SVE-4E	
York Sample ID			01060061-03		01060061-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylen			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

Client Sample ID			SVE-4Q1		SVE-4Q2	
York Sample ID			01060061-05		01060061-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			3 J	10	3 J	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,3-Trimethylbenzene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			47(cis-)	10	12(cis-)	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
1-Chlorohexane			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10

**YORK**



Client Sample ID			SVE-4Q1		SVE-4Q2	
York Sample ID			01060061-05		01060061-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			4 J	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			1200	10	1200	10
Toluene			Not detected	10	1 J	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			2 J	10	2 J	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10

Client Sample ID			SVE-4QF		SVE-4Q3	
York Sample ID			01060061-07		01060061-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	10
1,1,1-Trichloroethane			Not detected	1	3 J	10
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	10
1,1,2-Trichloroethane			Not detected	1	Not detected	10
1,1-Dichloroethane			Not detected	1	Not detected	10
1,1-Dichloroethylene			Not detected	1	Not detected	10
1,1-Dichloropropylene			Not detected	1	Not detected	10
1,2,3-Trichlorobenzene			Not detected	1	Not detected	10
1,2,3-Trichloropropane			Not detected	1	Not detected	10
1,2,3-Trimethylbenzene			Not detected	1	Not detected	10
1,2,4-Trichlorobenzene			Not detected	1	Not detected	10
1,2,4-Trimethylbenzene			Not detected	1	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	10
1,2-Dibromoethane			Not detected	1	Not detected	10
1,2-Dichlorobenzene			Not detected	1	Not detected	10

**YORK**

Client Sample ID			SVE-4QF		SVE-4Q3	
York Sample ID			01060061-07		01060061-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethane			Not detected	1	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	1	14(cis-)	10
1,2-Dichloropropane			Not detected	1	Not detected	10
1,3,5-Trimethylbenzene			Not detected	1	Not detected	10
1,3-Dichlorobenzene			Not detected	1	Not detected	10
1,3-Dichloropropane			Not detected	1	Not detected	10
1,4-Dichlorobenzene			Not detected	1	Not detected	10
1-Chlorohexane			Not detected	1	Not detected	10
2,2-Dichloropropane			Not detected	1	Not detected	10
2-Chlorotoluene			Not detected	1	Not detected	10
4-Chlorotoluene			Not detected	1	Not detected	10
Benzene			Not detected	1	Not detected	10
Bromobenzene			Not detected	1	Not detected	10
Bromochloromethane			Not detected	1	Not detected	10
Bromodichloromethane			Not detected	1	Not detected	10
Bromoform			Not detected	1	Not detected	10
Bromomethane			Not detected	1	Not detected	10
Carbon tetrachloride			Not detected	1	Not detected	10
Chlorobenzene			Not detected	1	Not detected	10
Chloroethane			Not detected	1	Not detected	10
Chloroform			Not detected	1	Not detected	10
Chloromethane			Not detected	1	Not detected	10
cis-1,3-Dichloropropylene			Not detected	1	Not detected	10
Dibromochloromethane			Not detected	1	Not detected	10
Dibromomethane			Not detected	1	Not detected	10
Dichlorodifluoromethane			Not detected	1	Not detected	10
Ethylbenzene			Not detected	1	Not detected	10
Hexachlorobutadiene			Not detected	1	Not detected	10
Isopropylbenzene			Not detected	1	Not detected	10
Methylene chloride			Not detected	1	Not detected	10
Naphthalene			Not detected	1	Not detected	10
n-Butylbenzene			Not detected	1	Not detected	10
n-Propylbenzene			Not detected	1	Not detected	10
o-Xylene			Not detected	1	Not detected	10
p- & m-Xylenes			Not detected	1	Not detected	10
p-Isopropyltoluene			Not detected	1	Not detected	10
sec-Butylbenzene			Not detected	1	Not detected	10
Styrene			Not detected	1	Not detected	10
tert-Butylbenzene			Not detected	1	Not detected	10
Tetrachloroethylene			Not detected	1	1200	10
Toluene			Not detected	1	Not detected	10
trans-1,3-Dichloropropylene			Not detected	1	Not detected	10
Trichloroethylene			Not detected	1	1 J	10
Trichlorofluoromethane			Not detected	1	Not detected	10
Vinyl chloride			Not detected	1	Not detected	10

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

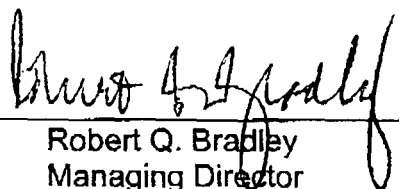
**YORK**

Report Date: 6/14/2001  
Client Project ID: Former Kliegman Bros. Site  
York Project No.: 01060061

**Notes for York Project No. 01060061**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: \_\_\_\_\_

  
Robert Q. Bradley  
Managing Director

Date: 6/14/2001

**YORK**

**Field Chain-of-Custody Record**

Company Name: Environmental Consultants, Inc.  
 Report To: Greg Whelan  
 Invoice To: Same  
 Project ID/No.: Former Ellegman Bros. Site  
 Samples Collected By (Signature): [Signature]  
 Name (Printed): Greg Whelan

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		

1	SVE-4A	5/31/01				X	VOCs by Method 8260	1-4oz
2	SVE-4B	5/31/01				X	VOCs by Method 8260	1-4oz
3	SVE-4C	5/31/01				X		1-4oz
4	SVE-4D	5/31/01				X		1-4oz

5	SVE-4T	0845				X		2-4oz HCl
6	SVE-4E	1245				X		2-4oz HCl
7	SVE-4Q1	1045				X		2-4oz HCl
8	SVE-4Q2	1445				X		2-4oz HCl
9	SVE-4QF	1400				X		2-4oz HCl
10	SVE-4Q3	1445				X	VOCs by Method 8260	2-4oz HCl

**Chain-of-Custody Record**

Bottles Relinquished from Lab by	Date/Time	Bottles Received in Field By	Date/Time
[Signature]	5/31/01 0700	[Signature]	5/31/01 0700
[Signature]	6/1/01 1015	[Signature]	6/1/01 1015
[Signature]	6-1-01/1600	[Signature]	6-1-01/1600

Turn-Around Time: X Standard RUSH(define)

Comments/Special Instructions: Collector Sample Temp = 4.6°C



# Technical Report

prepared for

**Enviroscience Consultants, Inc.**  
2150 Smithtown Avenue  
Ronkonkoma, NY 11779  
Attention: Greg Menegio

Report Date: 6/25/2001  
***Re: Client Project ID: Former Kliegman Bros.***  
York Project No.: 01060160

CT License No. PH-0723    New York License No. 10854    Mass. License No. M-CT106    Rhode Island License No. 93    EPA I.D. No. CT00106



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ONE RESEARCH DRIVE    STAMFORD, CT 06906    (203) 325-1371    FAX (203) 357-0166

**Enviroscience Consultants, Inc.**  
 2150 Smithtown Avenue  
 Ronkonkoma, NY 11779  
 Attention: Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/06/01. The project was identified as your project "Former Kliegman Bros. ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

## Analysis Results

Client Sample ID			EB-1A		EB-1B	
York Sample ID			01060160-01		01060160-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0

Client Sample ID			EB-1A		EB-1B	
York Sample ID			01060160-01		01060160-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			44 B	5.0	41 B	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			55	5.0	40	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Client Sample ID			EB-1C		EB-2A	
York Sample ID			01060160-03		01060160-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	1000
1,1,1-Trichloroethane			Not detected	5.0	230 J	1000
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	1000
1,1,2-Trichloroethane			Not detected	5.0	Not detected	1000
1,1-Dichloroethane			Not detected	5.0	Not detected	1000
1,1-Dichloroethylene			Not detected	5.0	Not detected	1000
1,1-Dichloropropylene			Not detected	5.0	Not detected	1000
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	1000
1,2,3-Trichloropropane			Not detected	5.0	Not detected	1000
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	1000
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	1000
1,2,4-Trimethylbenzene			Not detected	5.0	260 J	1000
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	1000
1,2-Dibromoethane			Not detected	5.0	Not detected	1000
1,2-Dichlorobenzene			Not detected	5.0	Not detected	1000
1,2-Dichloroethane			Not detected	5.0	Not detected	1000
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	1000
1,2-Dichloropropane			Not detected	5.0	Not detected	1000
1,3,5-Trimethylbenzene			Not detected	5.0	160 J	1000
1,3-Dichlorobenzene			Not detected	5.0	Not detected	1000
1,3-Dichloropropane			Not detected	5.0	Not detected	1000
1,4-Dichlorobenzene			Not detected	5.0	Not detected	1000
1-Chlorohexane			Not detected	5.0	Not detected	1000
2,2-Dichloropropane			Not detected	5.0	Not detected	1000
2-Chlorotoluene			Not detected	5.0	Not detected	1000
4-Chlorotoluene			Not detected	5.0	Not detected	1000
Benzene			Not detected	5.0	Not detected	1000
Bromobenzene			Not detected	5.0	Not detected	1000
Bromochloromethane			Not detected	50	Not detected	10000
Bromodichloromethane			Not detected	50	Not detected	10000
Bromoform			Not detected	5.0	Not detected	1000
Bromomethane			Not detected	50	Not detected	10000
Carbon tetrachloride			Not detected	5.0	Not detected	1000
Chlorobenzene			Not detected	5.0	Not detected	1000
Chloroethane			Not detected	5.0	Not detected	1000
Chloroform			Not detected	50	Not detected	10000
Chloromethane			Not detected	50	Not detected	10000
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	1000
Dibromochloromethane			Not detected	5.0	Not detected	1000
Dibromomethane			Not detected	5.0	Not detected	1000
Dichlorodifluoromethane			Not detected	5.0	Not detected	1000
Ethylbenzene			Not detected	5.0	23 J	1000
Hexachlorobutadiene			Not detected	5.0	Not detected	1000
Isopropylbenzene			Not detected	5.0	Not detected	1000
Methylene chloride			39 B	5.0	8700 B	1000
Naphthalene			Not detected	5.0	Not detected	1000
n-Butylbenzene			Not detected	5.0	Not detected	1000
n-Propylbenzene			Not detected	5.0	59 J	1000
o-Xylene			Not detected	5.0	33 J	1000

**YORK**



Client Sample ID			EB-1C		EB-2A	
York Sample ID			01060160-03		01060160-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			Not detected	5.0	95 J	1000
p-Isopropyltoluene			Not detected	5.0	Not detected	1000
sec-Butylbenzene			Not detected	5.0	220 J	1000
Styrene			Not detected	5.0	Not detected	1000
tert-Butylbenzene			Not detected	5.0	Not detected	1000
Tetrachloroethylene			180	5.0	430000 E	1000
Toluene			Not detected	5.0	600 J	1000
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	1000
Trichloroethylene			Not detected	5.0	480 J	1000
Trichlorofluoromethane			Not detected	5.0	Not detected	1000
Vinyl chloride			Not detected	50	Not detected	10000

Client Sample ID			EB-2B		SVE-4A	
York Sample ID			01060160-05		01060160-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	2000	Not detected	200
1,1,1-Trichloroethane			Not detected	2000	Not detected	200
1,1,2,2-Tetrachloroethane			Not detected	2000	Not detected	200
1,1,2-Trichloroethane			Not detected	2000	Not detected	200
1,1-Dichloroethane			Not detected	2000	Not detected	200
1,1-Dichloroethylene			Not detected	2000	Not detected	200
1,1-Dichloropropylene			Not detected	2000	Not detected	200
1,2,3-Trichlorobenzene			Not detected	2000	Not detected	200
1,2,3-Trichloropropane			Not detected	2000	Not detected	200
1,2,3-Trimethylbenzene			Not detected	2000	Not detected	200
1,2,4-Trichlorobenzene			Not detected	2000	Not detected	200
1,2,4-Trimethylbenzene			730 J	2000	Not detected	200
1,2-Dibromo-3-chloropropane			Not detected	2000	Not detected	200
1,2-Dibromoethane			Not detected	2000	Not detected	200
1,2-Dichlorobenzene			Not detected	2000	Not detected	200
1,2-Dichloroethane			Not detected	2000	Not detected	200
1,2-Dichloroethylene (Total)			Not detected	2000	1200(cis-)	200
1,2-Dichloropropane			Not detected	2000	Not detected	200
1,3,5-Trimethylbenzene			530 J	2000	Not detected	200
1,3-Dichlorobenzene			Not detected	2000	Not detected	200
1,3-Dichloropropane			Not detected	2000	Not detected	200
1,4-Dichlorobenzene			310 J	2000	Not detected	200
1-Chlorohexane			Not detected	2000	Not detected	200
2,2-Dichloropropane			Not detected	2000	Not detected	200
2-Chlorotoluene			Not detected	2000	Not detected	200
4-Chlorotoluene			Not detected	2000	Not detected	200
Benzene			140 J	2000	Not detected	200
Bromobenzene			Not detected	2000	Not detected	200
Bromochloromethane			Not detected	20000	Not detected	2000
Bromodichloromethane			Not detected	20000	Not detected	2000
Bromoform			Not detected	2000	Not detected	200
Bromomethane			Not detected	20000	Not detected	2000

**YORK**

**YORK**

Client Sample ID	York Sample ID	Matrix	Parameter	Method	Units	Results	MDL	Results	MDL
SB-21A	01060160-08	SOIL				Not detected	---	Not detected	---
			1,1,1,2-Tetrachloroethane	SW846-8260	ug/Kg	Not detected	---	Not detected	---
			1,1,1-Trichloroethane			Not detected	---	Not detected	---
			1,1,2,2-Tetrachloroethane			Not detected	---	Not detected	---
			1,1,2-Trichloroethane			Not detected	---	Not detected	---
			1,1-Dichloroethane			Not detected	---	Not detected	---
			1,1-Dichloroethylene			Not detected	---	Not detected	---
			1,1-Dichloropropylene			Not detected	---	Not detected	---
			1,2,3-Trichlorobenzene			Not detected	---	Not detected	---
			1,2,3-Trichloropropene			Not detected	---	Not detected	---
			1,2,3-Trimethylbenzene			Not detected	---	Not detected	---
			1,2,4-Trichlorobenzene			Not detected	---	Not detected	---
			1,2,4-Trimethylbenzene			Not detected	---	Not detected	---
			1,2-Dibromo-3-chloropropane			Not detected	---	Not detected	---
			1,2-Dibromomethane			Not detected	---	Not detected	---
			1,2-Dichlorobenzene			Not detected	---	Not detected	---

Client Sample ID	York Sample ID	Matrix	Parameter	Method	Units	Results	MDL	Results	MDL
EB-2B	01060160-05	SOIL				Not detected	---	Not detected	---
			Carbon tetrachloride			Not detected	---	Not detected	---
			Chlorobenzene			Not detected	---	Not detected	---
			Chloroethane			Not detected	---	Not detected	---
			Chloroform			Not detected	---	Not detected	---
			Chloromethane			Not detected	---	Not detected	---
			cis-1,3-Dichloropropylene			Not detected	---	Not detected	---
			Dibromochloromethane			Not detected	---	Not detected	---
			Dibromomethane			Not detected	---	Not detected	---
			Dichlorodifluoromethane			Not detected	---	Not detected	---
			Ethylbenzene			Not detected	---	Not detected	---
			Hexachlorobutadiene			Not detected	---	Not detected	---
			Isopropylbenzene			Not detected	---	Not detected	---
			Methylene chloride			Not detected	---	Not detected	---
			Naphthalene			Not detected	---	Not detected	---
			n-Butylbenzene			Not detected	---	Not detected	---
			n-Propylbenzene			Not detected	---	Not detected	---
			o-Xylene			Not detected	---	Not detected	---
			p- & m-Xylenes			Not detected	---	Not detected	---
			p-Isopropyltoluene			Not detected	---	Not detected	---
			sec-Butylbenzene			Not detected	---	Not detected	---
			Styrene			Not detected	---	Not detected	---
			tert-Butylbenzene			Not detected	---	Not detected	---
			Tetrachloroethylene			Not detected	---	Not detected	---
			Toluene			Not detected	---	Not detected	---
			trans-1,3-Dichloropropylene			Not detected	---	Not detected	---
			Trichloroethylene			400 J	2000	200	2000
			Trichlorofluoromethane			Not detected	---	Not detected	---
			Vinyl chloride			Not detected	---	Not detected	---

Client Sample ID			SB-24A		SB-21A	
York Sample ID			01060160-07		01060160-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethane			Not detected	5.0	Not detected	100
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	100
1,2-Dichloropropane			Not detected	5.0	Not detected	100
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	100
1,3-Dichlorobenzene			Not detected	5.0	Not detected	100
1,3-Dichloropropane			Not detected	5.0	Not detected	100
1,4-Dichlorobenzene			Not detected	5.0	Not detected	100
1-Chlorohexane			Not detected	5.0	Not detected	100
2,2-Dichloropropane			Not detected	5.0	Not detected	100
2-Chlorotoluene			Not detected	5.0	Not detected	100
4-Chlorotoluene			Not detected	5.0	Not detected	100
Benzene			Not detected	5.0	Not detected	100
Bromobenzene			Not detected	5.0	Not detected	100
Bromochloromethane			Not detected	50	Not detected	1000
Bromodichloromethane			Not detected	50	Not detected	1000
Bromoform			Not detected	5.0	Not detected	100
Bromomethane			Not detected	50	Not detected	1000
Carbon tetrachloride			Not detected	5.0	Not detected	100
Chlorobenzene			Not detected	5.0	Not detected	100
Chloroethane			Not detected	5.0	Not detected	100
Chloroform			Not detected	50	Not detected	1000
Chloromethane			Not detected	50	210 J	1000
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	100
Dibromochloromethane			Not detected	5.0	Not detected	100
Dibromomethane			Not detected	5.0	Not detected	100
Dichlorodifluoromethane			Not detected	5.0	Not detected	100
Ethylbenzene			Not detected	5.0	Not detected	100
Hexachlorobutadiene			Not detected	5.0	Not detected	100
Isopropylbenzene			Not detected	5.0	Not detected	100
Methylene chloride			44 B	5.0	Not detected	100
Naphthalene			Not detected	5.0	Not detected	100
n-Butylbenzene			Not detected	5.0	Not detected	100
n-Propylbenzene			Not detected	5.0	Not detected	100
o-Xylene			Not detected	5.0	Not detected	100
p- & m-Xylenes			Not detected	5.0	Not detected	100
p-Isopropyltoluene			Not detected	5.0	Not detected	100
sec-Butylbenzene			Not detected	5.0	Not detected	100
Styrene			Not detected	5.0	Not detected	100
tert-Butylbenzene			Not detected	5.0	Not detected	100
Tetrachloroethylene			280	5.0	11000	100
Toluene			Not detected	5.0	Not detected	100
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	100
Trichloroethylene			Not detected	5.0	Not detected	100
Trichlorofluoromethane			Not detected	5.0	Not detected	100
Vinyl chloride			Not detected	50	Not detected	1000

**YORK**

Client Sample ID			SB-18A		SB-25A	
York Sample ID			01060160-09		01060160-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	500	Not detected	10
1,1,1-Trichloroethane			Not detected	500	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	500	Not detected	10
1,1,2-Trichloroethane			Not detected	500	Not detected	10
1,1-Dichloroethane			Not detected	500	Not detected	10
1,1-Dichloroethylene			Not detected	500	Not detected	10
1,1-Dichloropropylene			Not detected	500	Not detected	10
1,2,3-Trichlorobenzene			Not detected	500	Not detected	10
1,2,3-Trichloropropane			Not detected	500	Not detected	10
1,2,3-Trimethylbenzene			Not detected	500	Not detected	10
1,2,4-Trichlorobenzene			Not detected	500	Not detected	10
1,2,4-Trimethylbenzene			Not detected	500	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	500	Not detected	10
1,2-Dibromoethane			Not detected	500	Not detected	10
1,2-Dichlorobenzene			Not detected	500	Not detected	10
1,2-Dichloroethane			Not detected	500	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	500	Not detected	10
1,2-Dichloropropane			Not detected	500	Not detected	10
1,3,5-Trimethylbenzene			Not detected	500	Not detected	10
1,3-Dichlorobenzene			Not detected	500	Not detected	10
1,3-Dichloropropane			Not detected	500	Not detected	10
1,4-Dichlorobenzene			Not detected	500	Not detected	10
1-Chlorohexane			Not detected	500	Not detected	10
2,2-Dichloropropane			Not detected	500	Not detected	10
2-Chlorotoluene			Not detected	500	Not detected	10
4-Chlorotoluene			Not detected	500	Not detected	10
Benzene			Not detected	500	Not detected	10
Bromobenzene			Not detected	500	Not detected	10
Bromochloromethane			Not detected	5000	Not detected	100
Bromodichloromethane			Not detected	5000	Not detected	100
Bromoform			Not detected	500	Not detected	10
Bromomethane			Not detected	5000	Not detected	100
Carbon tetrachloride			Not detected	500	Not detected	10
Chlorobenzene			Not detected	500	Not detected	10
Chloroethane			Not detected	500	Not detected	10
Chloroform			Not detected	5000	Not detected	100
Chloromethane			Not detected	5000	Not detected	100
cis-1,3-Dichloropropylene			Not detected	500	Not detected	10
Dibromochloromethane			Not detected	500	Not detected	10
Dibromomethane			Not detected	500	Not detected	10
Dichlorodifluoromethane			Not detected	500	Not detected	10
Ethylbenzene			Not detected	500	Not detected	10
Hexachlorobutadiene			Not detected	500	Not detected	10
Isopropylbenzene			Not detected	500	Not detected	10
Methylene chloride			3700 B	500	91 B	10
Naphthalene			Not detected	500	Not detected	10
n-Butylbenzene			Not detected	500	Not detected	10
n-Propylbenzene			Not detected	500	Not detected	10
o-Xylene			Not detected	500	Not detected	10

**YORK**

Client Sample ID			SB-18A		SB-25A	
York Sample ID			01060160-09		01060160-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			Not detected	500	Not detected	10
p-Isopropyltoluene			Not detected	500	Not detected	10
sec-Butylbenzene			Not detected	500	Not detected	10
Styrene			Not detected	500	Not detected	10
tert-Butylbenzene			Not detected	500	Not detected	10
Tetrachloroethylene			32000	500	1000	10
Toluene			Not detected	500	Not detected	10
trans-1,3-Dichloropropylene			Not detected	500	Not detected	10
Trichloroethylene			Not detected	500	Not detected	10
Trichlorofluoromethane			Not detected	500	Not detected	10
Vinyl chloride			Not detected	5000	Not detected	100

Client Sample ID			SB-22A		SB-26A	
York Sample ID			01060160-11		01060160-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	200	Not detected	5.0
1,1,1-Trichloroethane			Not detected	200	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	200	Not detected	5.0
1,1,2-Trichloroethane			Not detected	200	Not detected	5.0
1,1-Dichloroethane			Not detected	200	Not detected	5.0
1,1-Dichloroethylene			Not detected	200	Not detected	5.0
1,1-Dichloropropylene			Not detected	200	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	200	Not detected	5.0
1,2,3-Trichloropropane			Not detected	200	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	200	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	200	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	200	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	200	Not detected	5.0
1,2-Dibromoethane			Not detected	200	Not detected	5.0
1,2-Dichlorobenzene			Not detected	200	Not detected	5.0
1,2-Dichloroethane			Not detected	200	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	200	Not detected	5.0
1,2-Dichloropropane			Not detected	200	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	200	Not detected	5.0
1,3-Dichlorobenzene			Not detected	200	Not detected	5.0
1,3-Dichloropropane			Not detected	200	Not detected	5.0
1,4-Dichlorobenzene			Not detected	200	Not detected	5.0
1-Chlorohexane			Not detected	200	Not detected	5.0
2,2-Dichloropropane			Not detected	200	Not detected	5.0
2-Chlorotoluene			Not detected	200	Not detected	5.0
4-Chlorotoluene			Not detected	200	Not detected	5.0
Benzene			Not detected	200	Not detected	5.0
Bromobenzene			Not detected	200	Not detected	5.0
Bromochloromethane			Not detected	2000	Not detected	50
Bromodichloromethane			Not detected	2000	Not detected	50
Bromoform			Not detected	200	Not detected	5.0
Bromomethane			Not detected	2000	Not detected	50

**YORK**

Client Sample ID			SB-22A		SB-26A	
York Sample ID			01060160-11		01060160-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	200	Not detected	5.0
Chlorobenzene			Not detected	200	Not detected	5.0
Chloroethane			Not detected	200	Not detected	5.0
Chloroform			Not detected	2000	Not detected	50
Chloromethane			Not detected	2000	Not detected	50
cis-1,3-Dichloropropylene			Not detected	200	Not detected	5.0
Dibromochloromethane			Not detected	200	Not detected	5.0
Dibromomethane			Not detected	200	Not detected	5.0
Dichlorodifluoromethane			Not detected	200	Not detected	5.0
Ethylbenzene			Not detected	200	Not detected	5.0
Hexachlorobutadiene			Not detected	200	Not detected	5.0
Isopropylbenzene			Not detected	200	Not detected	5.0
Methylene chloride			1900 B	200	41 B	5.0
Naphthalene			Not detected	200	Not detected	5.0
n-Butylbenzene			Not detected	200	Not detected	5.0
n-Propylbenzene			Not detected	200	Not detected	5.0
o-Xylene			Not detected	200	Not detected	5.0
p- & m-Xylenes			Not detected	200	Not detected	5.0
p-Isopropyltoluene			Not detected	200	Not detected	5.0
sec-Butylbenzene			Not detected	200	Not detected	5.0
Styrene			Not detected	200	Not detected	5.0
tert-Butylbenzene			Not detected	200	Not detected	5.0
Tetrachloroethylene			23000	200	95	5.0
Toluene			Not detected	200	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	200	Not detected	5.0
Trichloroethylene			Not detected	200	Not detected	5.0
Trichlorofluoromethane			Not detected	200	Not detected	5.0
Vinyl chloride			Not detected	2000	Not detected	50

Client Sample ID			SB-23A		SB-19A	
York Sample ID			01060160-13		01060160-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	10
1,1,1-Trichloroethane			Not detected	5.0	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	10
1,1,2-Trichloroethane			Not detected	5.0	Not detected	10
1,1-Dichloroethane			Not detected	5.0	Not detected	10
1,1-Dichloroethylene			Not detected	5.0	Not detected	10
1,1-Dichloropropylene			Not detected	5.0	Not detected	10
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	10
1,2,3-Trichloropropane			Not detected	5.0	Not detected	10
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	10
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	10
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	10
1,2-Dibromoethane			Not detected	5.0	Not detected	10
1,2-Dichlorobenzene			Not detected	5.0	Not detected	10

**YORK**

Client Sample ID			SB-23A		SB-19A	
York Sample ID			01060160-13		01060160-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethane			Not detected	5.0	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	10
1,2-Dichloropropane			Not detected	5.0	Not detected	10
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	10
1,3-Dichlorobenzene			Not detected	5.0	Not detected	10
1,3-Dichloropropane			Not detected	5.0	Not detected	10
1,4-Dichlorobenzene			Not detected	5.0	Not detected	10
1-Chlorohexane			Not detected	5.0	Not detected	10
2,2-Dichloropropane			Not detected	5.0	Not detected	10
2-Chlorotoluene			Not detected	5.0	Not detected	10
4-Chlorotoluene			Not detected	5.0	Not detected	10
Benzene			Not detected	5.0	Not detected	10
Bromobenzene			Not detected	5.0	Not detected	10
Bromochloromethane			Not detected	50	Not detected	100
Bromodichloromethane			Not detected	50	Not detected	100
Bromoform			Not detected	5.0	Not detected	10
Bromomethane			Not detected	50	Not detected	100
Carbon tetrachloride			Not detected	5.0	Not detected	10
Chlorobenzene			Not detected	5.0	Not detected	10
Chloroethane			Not detected	5.0	Not detected	10
Chloroform			Not detected	50	Not detected	100
Chloromethane			Not detected	50	Not detected	100
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	10
Dibromochloromethane			Not detected	5.0	Not detected	10
Dibromomethane			Not detected	5.0	Not detected	10
Dichlorodifluoromethane			Not detected	5.0	Not detected	10
Ethylbenzene			Not detected	5.0	Not detected	10
Hexachlorobutadiene			Not detected	5.0	Not detected	10
Isopropylbenzene			Not detected	5.0	Not detected	10
Methylene chloride			41 B	5.0	77 B	10
Naphthalene			Not detected	5.0	Not detected	10
n-Butylbenzene			Not detected	5.0	Not detected	10
n-Propylbenzene			Not detected	5.0	Not detected	10
o-Xylene			Not detected	5.0	Not detected	10
p- & m-Xylenes			Not detected	5.0	Not detected	10
p-Isopropyltoluene			Not detected	5.0	Not detected	10
sec-Butylbenzene			Not detected	5.0	Not detected	10
Styrene			Not detected	5.0	Not detected	10
tert-Butylbenzene			Not detected	5.0	Not detected	10
Tetrachloroethylene			190	5.0	700	10
Toluene			Not detected	5.0	Not detected	10
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	10
Trichloroethylene			Not detected	5.0	Not detected	10
Trichlorofluoromethane			Not detected	5.0	Not detected	10
Vinyl chloride			Not detected	50	Not detected	100

Client Sample ID			SB-19C		SB-14A	
York Sample ID			01060160-15		01060160-16	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	200
1,1,1-Trichloroethane			Not detected	10	Not detected	200
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	200
1,1,2-Trichloroethane			Not detected	10	Not detected	200
1,1-Dichloroethane			Not detected	10	Not detected	200
1,1-Dichloroethylene			Not detected	10	Not detected	200
1,1-Dichloropropylene			Not detected	10	Not detected	200
1,2,3-Trichlorobenzene			Not detected	10	Not detected	200
1,2,3-Trichloropropane			Not detected	10	Not detected	200
1,2,3-Trimethylbenzene			Not detected	10	Not detected	200
1,2,4-Trichlorobenzene			Not detected	10	Not detected	200
1,2,4-Trimethylbenzene			Not detected	10	Not detected	200
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	200
1,2-Dibromoethane			Not detected	10	Not detected	200
1,2-Dichlorobenzene			Not detected	10	Not detected	200
1,2-Dichloroethane			Not detected	10	Not detected	200
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	200
1,2-Dichloropropane			Not detected	10	Not detected	200
1,3,5-Trimethylbenzene			Not detected	10	Not detected	200
1,3-Dichlorobenzene			Not detected	10	Not detected	200
1,3-Dichloropropane			Not detected	10	Not detected	200
1,4-Dichlorobenzene			Not detected	10	Not detected	200
1-Chlorohexane			Not detected	10	Not detected	200
2,2-Dichloropropane			Not detected	10	Not detected	200
2-Chlorotoluene			Not detected	10	Not detected	200
4-Chlorotoluene			Not detected	10	Not detected	200
Benzene			Not detected	10	Not detected	200
Bromobenzene			Not detected	10	Not detected	200
Bromochloromethane			Not detected	100	Not detected	2000
Bromodichloromethane			Not detected	100	Not detected	2000
Bromoform			Not detected	10	Not detected	200
Bromomethane			Not detected	100	Not detected	2000
Carbon tetrachloride			Not detected	10	Not detected	200
Chlorobenzene			Not detected	10	Not detected	200
Chloroethane			Not detected	10	Not detected	200
Chloroform			Not detected	100	Not detected	2000
Chloromethane			Not detected	100	Not detected	2000
cis-1,3-Dichloropropylene			Not detected	10	Not detected	200
Dibromochloromethane			Not detected	10	Not detected	200
Dibromomethane			Not detected	10	Not detected	200
Dichlorodifluoromethane			Not detected	10	Not detected	200
Ethylbenzene			Not detected	10	Not detected	200
Hexachlorobutadiene			Not detected	10	Not detected	200
Isopropylbenzene			Not detected	10	Not detected	200
Methylene chloride			77	10	Not detected	200
Naphthalene			Not detected	10	Not detected	200
n-Butylbenzene			Not detected	10	Not detected	200
n-Propylbenzene			Not detected	10	Not detected	200
o-Xylene			Not detected	10	Not detected	200

**YORK**



Client Sample ID			SB-19C		SB-14A	
York Sample ID			01060160-15		01060160-16	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			Not detected	10	Not detected	200
p-Isopropyltoluene			Not detected	10	Not detected	200
sec-Butylbenzene			Not detected	10	Not detected	200
Styrene			Not detected	10	Not detected	200
tert-Butylbenzene			Not detected	10	Not detected	200
Tetrachloroethylene			300	10	19000	200
Toluene			Not detected	10	140 J	200
trans-1,3-Dichloropropylene			Not detected	10	Not detected	200
Trichloroethylene			Not detected	10	Not detected	200
Trichlorofluoromethane			Not detected	10	Not detected	200
Vinyl chloride			Not detected	100	Not detected	2000

Client Sample ID			SB-15A		SB-20A	
York Sample ID			01060160-17		01060160-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	100	Not detected	2000
1,1,1-Trichloroethane			Not detected	100	Not detected	2000
1,1,2,2-Tetrachloroethane			Not detected	100	Not detected	2000
1,1,2-Trichloroethane			Not detected	100	Not detected	2000
1,1-Dichloroethane			Not detected	100	Not detected	2000
1,1-Dichloroethylene			Not detected	100	Not detected	2000
1,1-Dichloropropylene			Not detected	100	Not detected	2000
1,2,3-Trichlorobenzene			Not detected	100	Not detected	2000
1,2,3-Trichloropropane			Not detected	100	Not detected	2000
1,2,3-Trimethylbenzene			Not detected	100	Not detected	2000
1,2,4-Trichlorobenzene			Not detected	100	Not detected	2000
1,2,4-Trimethylbenzene			Not detected	100	Not detected	2000
1,2-Dibromo-3-chloropropane			Not detected	100	Not detected	2000
1,2-Dibromoethane			Not detected	100	Not detected	2000
1,2-Dichlorobenzene			Not detected	100	Not detected	2000
1,2-Dichloroethane			Not detected	100	Not detected	2000
1,2-Dichloroethylene (Total)			Not detected	100	Not detected	2000
1,2-Dichloropropane			Not detected	100	Not detected	2000
1,3,5-Trimethylbenzene			Not detected	100	Not detected	2000
1,3-Dichlorobenzene			Not detected	100	Not detected	2000
1,3-Dichloropropane			Not detected	100	Not detected	2000
1,4-Dichlorobenzene			Not detected	100	Not detected	2000
1-Chlorohexane			Not detected	100	Not detected	2000
2,2-Dichloropropane			Not detected	100	Not detected	2000
2-Chlorotoluene			Not detected	100	Not detected	2000
4-Chlorotoluene			Not detected	100	Not detected	2000
Benzene			Not detected	100	Not detected	2000
Bromobenzene			Not detected	100	Not detected	2000
Bromochloromethane			Not detected	1000	Not detected	20000
Bromodichloromethane			Not detected	1000	Not detected	20000
Bromoform			Not detected	100	Not detected	2000
Bromomethane			Not detected	1000	Not detected	20000

**YORK**

Client Sample ID			SB-15A		SB-20A	
York Sample ID			01060160-17		01060160-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	100	Not detected	2000
Chlorobenzene			Not detected	100	Not detected	2000
Chloroethane			Not detected	100	Not detected	2000
Chloroform			Not detected	1000	Not detected	20000
Chloromethane			Not detected	1000	Not detected	20000
cis-1,3-Dichloropropylene			Not detected	100	Not detected	2000
Dibromochloromethane			Not detected	100	Not detected	2000
Dibromomethane			Not detected	100	Not detected	2000
Dichlorodifluoromethane			Not detected	100	Not detected	2000
Ethylbenzene			Not detected	100	Not detected	2000
Hexachlorobutadiene			Not detected	100	Not detected	2000
Isopropylbenzene			Not detected	100	Not detected	2000
Methylene chloride			760 B	100	14000 B	2000
Naphthalene			Not detected	100	Not detected	2000
n-Butylbenzene			Not detected	100	Not detected	2000
n-Propylbenzene			Not detected	100	Not detected	2000
o-Xylene			Not detected	100	Not detected	2000
p- & m-Xylenes			Not detected	100	Not detected	2000
p-Isopropyltoluene			Not detected	100	Not detected	2000
sec-Butylbenzene			Not detected	100	Not detected	2000
Styrene			Not detected	100	Not detected	2000
tert-Butylbenzene			Not detected	100	Not detected	2000
Tetrachloroethylene			12000	100	7500	2000
Toluene			100	100	2200	2000
trans-1,3-Dichloropropylene			Not detected	100	Not detected	2000
Trichloroethylene			Not detected	100	Not detected	2000
Trichlorofluoromethane			Not detected	100	Not detected	2000
Vinyl chloride			Not detected	1000	Not detected	20000

Client Sample ID			TB-4		EB-1E	
York Sample ID			01060160-19		01060160-20	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1

**YORK**

Client Sample ID			TB-4		EB-1E	
York Sample ID			01060160-19		01060160-20	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

**Units Key:**

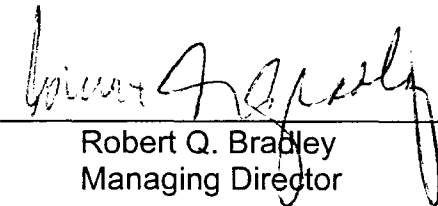
For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Report Date: 6/25/2001  
Client Project ID: Former Kliegman Bros.  
York Project No.: 01060160

**Notes for York Project No. 01060160**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:   
Robert Q. Bradley  
Managing Director

Date: 6/25/2001

**YORK**

# YORK

ANALYTICAL LABORATORIES, INC.

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## Definitions for FLAGS used as a Results Suffix

Flags are sometimes used on results to indicate certain occurrences during the analysis process. The most common flags used by York are defined below.

### FLAG

### DEFINITION

- J** J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.
- B** B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.
- E** This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

# YORK

ANALYTICAL LABORATORIES, INC.

## Field Chain-of-Custody Record

ONE RESEARCH DRIVE  
STAMFORD, CT 06906  
(203) 325-1371 FAX (203) 357-0166

<u>Company Name</u> Environcience Consultants, Inc.	<u>Report To:</u> Greg Menegolo	<u>Invoice To:</u> same	<u>Project ID/No.</u> Former Kliegman Bros.	<u>Samples Collected By (Signature)</u> 
				<u>Name (Printed)</u> Greg Menegolo

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
1	TB-4	6/5/01 1030	X				VOCs by 8260	2-40ml Hel
2	EB-1A ✓	1045		X				1-40ml
3	EB-1B ✓	1100		X				1-40ml
4	EB-1E	1115	X					2-40ml Hel
5	EB-1C ✓	1100		X				1-40ml
6	EB-2A ✓	1230		X				
7	EB-2B ✓	1300		X				
8	SVE-4A ✓	1400		X				
9	SB-24A ✓	1430		X				
10	SB-21A ✓	6/5/01 1440		X			VOCs by 8260	1-40ml

**Chain-of-Custody Record**

<u>Bottles Relinquished from Lab by</u> 	<u>Date/Time</u> 6/5/01 0700	<u>Sample Relinquished by</u> 	<u>Date/Time</u> 6/6/01 1045	<u>Sample Received by</u> 	<u>Date/Time</u> 6/6/01 1045
<u>Bottles Received in Field by</u> 	<u>Date/Time</u> 6/5/01 0700	<u>Sample Relinquished by</u> 	<u>Date/Time</u> 6-6-01/1730	<u>Sample Received in LAB by</u> 	<u>Date/Time</u> 6-6-01/1730

**Comments/Special Instructions**

Cooler/sample Temp = 4.2°C  
NYSDEC CAT B ASP ID# 11494615

**Turn-Around Time**

Standard  RUSH(define) \_\_\_\_\_

# YORK

ANALYTICAL LABORATORIES, INC.  
ONE RESEARCH DRIVE  
STAMFORD, CT 06906  
(203) 325-1371 FAX (203) 357-0166

## Field Chain-of-Custody Record

<b>Company Name</b> Environmental Consultants Greg Menegio	<b>Report To:</b> Same	<b>Invoice To:</b> Former Hysman Bros.	<b>Project ID/No.</b>
<b>Samples Collected By (Signature)</b> <i>Greg Menegio</i>			<b>Container Description(s)</b> 1-4oz
<b>Name (Printed)</b> Greg Menegio			

Sample No.	Location/ID	Date Sampled	Sample Matrix			ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air		
11	SB-18A	6/5/01 1450 <i>6/5/01 1450</i>		X			1-4oz
12	SB-25A	1500 <i>6/5/01 1450</i>		X			
13	SB-22A	1505 <i>6/5/01 1450</i>		X			
14	SB-26A	1510 <i>6/5/01 1450</i>		X			
15	SB-23A	1520 <i>6/5/01 1450</i>		X			
16	SB-19A	1530		X			
17	SB-19C	1530		X			
18	SB-14A	1540		X			
19	SB-15A	1550		X			
20	SB-20A	6/5/01 1600		X		VOEs by 8260	1-4oz

<b>Chain-of-Custody Record</b>	<b>Sample Relinquished by</b> <i>Greg Menegio</i>	<b>Date/Time</b> 6/6/01 1045
<b>Bottles Relinquished from Lab by</b> <i>Greg Menegio</i>	<b>Sample Relinquished by</b> <i>Wayne</i>	<b>Date/Time</b> 6/6/01 1045
<b>Bottles Received in Field by</b> <i>Greg Menegio</i>	<b>Sample Received in LAB by</b> <i>J. H. H.</i>	<b>Date/Time</b> 6-6-01/1730
<b>Comments/Special Instructions</b> NYSDC CAT B ASP Deliverables 1.15.01. Trans = 41 JSC	<b>Turn-Around Time</b> Standard	<b>RUSH(define)</b>

# Technical Report

prepared for

**Enviroscience Consultants, Inc.**  
2150 Smithtown Avenue  
Ronkonkoma, NY 11779  
Attention: Greg Menegio

Report Date: 6/25/2001  
***Re: Client Project ID: Former Kliegman Bros.***  
York Project No.: 01060118

CT License No. PH-0723    New York License No. 10854    Mass. License No. M-CT106    Rhode Island License No. 93    EPA I.D. No. CT00106





**Enviroscience Consultants, Inc.**  
 2150 Smithtown Avenue  
 Ronkonkoma, NY 11779  
 Attention: Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/05/01. The project was identified as your project "Former Kliegman Bros. ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

## Analysis Results

Client Sample ID			SVE-2A		SVE-2B	
York Sample ID			01060118-01		01060118-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	500	Not detected	500
1,1,1-Trichloroethane			Not detected	500	Not detected	500
1,1,2,2-Tetrachloroethane			Not detected	500	Not detected	500
1,1,2-Trichloroethane			Not detected	500	Not detected	500
1,1-Dichloroethane			Not detected	500	Not detected	500
1,1-Dichloroethylene			Not detected	500	Not detected	500
1,1-Dichloropropylene			Not detected	500	Not detected	500
1,2,3-Trichlorobenzene			Not detected	500	Not detected	500
1,2,3-Trichloropropane			Not detected	500	Not detected	500
1,2,3-Trimethylbenzene			Not detected	500	Not detected	500
1,2,4-Trichlorobenzene			Not detected	500	Not detected	500
1,2,4-Trimethylbenzene			Not detected	500	Not detected	500
1,2-Dibromo-3-chloropropane			Not detected	500	Not detected	500
1,2-Dibromoethane			Not detected	500	Not detected	500
1,2-Dichlorobenzene			Not detected	500	Not detected	500
1,2-Dichloroethane			Not detected	500	Not detected	500

**YORK**

Client Sample ID			SVE-2A		SVE-2B	
York Sample ID			01060118-01		01060118-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	500	Not detected	500
1,2-Dichloropropane			Not detected	500	Not detected	500
1,3,5-Trimethylbenzene			Not detected	500	Not detected	500
1,3-Dichlorobenzene			Not detected	500	Not detected	500
1,3-Dichloropropane			Not detected	500	Not detected	500
1,4-Dichlorobenzene			Not detected	500	Not detected	500
1-Chlorohexane			Not detected	500	Not detected	500
2,2-Dichloropropane			Not detected	500	Not detected	500
2-Chlorotoluene			Not detected	500	Not detected	500
4-Chlorotoluene			Not detected	500	Not detected	500
Benzene			Not detected	500	Not detected	500
Bromobenzene			Not detected	500	Not detected	500
Bromochloromethane			Not detected	5000	Not detected	5000
Bromodichloromethane			Not detected	5000	Not detected	5000
Bromoform			Not detected	500	Not detected	500
Bromomethane			Not detected	5000	Not detected	5000
Carbon tetrachloride			Not detected	500	Not detected	500
Chlorobenzene			Not detected	500	Not detected	500
Chloroethane			Not detected	500	Not detected	500
Chloroform			Not detected	5000	Not detected	5000
Chloromethane			590 J	5000	680 J	5000
cis-1,3-Dichloropropylene			Not detected	500	Not detected	500
Dibromochloromethane			Not detected	500	Not detected	500
Dibromomethane			Not detected	500	Not detected	500
Dichlorodifluoromethane			Not detected	500	Not detected	500
Ethylbenzene			Not detected	500	Not detected	500
Hexachlorobutadiene			Not detected	500	Not detected	500
Isopropylbenzene			Not detected	500	Not detected	500
Methylene chloride			2800 B	500	Not detected	500
Naphthalene			Not detected	500	Not detected	500
n-Butylbenzene			Not detected	500	Not detected	500
n-Propylbenzene			Not detected	500	Not detected	500
o-Xylene			Not detected	500	Not detected	500
p- & m-Xylenes			Not detected	500	Not detected	500
p-Isopropyltoluene			Not detected	500	Not detected	500
sec-Butylbenzene			Not detected	500	Not detected	500
Styrene			Not detected	500	Not detected	500
tert-Butylbenzene			Not detected	500	Not detected	500
Tetrachloroethylene			10000	500	130000	500
Toluene			420 J	500	430 J	500
trans-1,3-Dichloropropylene			Not detected	500	Not detected	500
Trichloroethylene			Not detected	500	Not detected	500
Trichlorofluoromethane			Not detected	500	Not detected	500
Vinyl chloride			Not detected	5000	Not detected	5000

**YORK**

Client Sample ID			SVE-2C	
York Sample ID			01060118-03	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	10000
1,1,1-Trichloroethane			Not detected	10000
1,1,2,2-Tetrachloroethane			Not detected	10000
1,1,2-Trichloroethane			Not detected	10000
1,1-Dichloroethane			Not detected	10000
1,1-Dichloroethylene			Not detected	10000
1,1-Dichloropropylene			Not detected	10000
1,2,3-Trichlorobenzene			Not detected	10000
1,2,3-Trichloropropane			Not detected	10000
1,2,3-Trimethylbenzene			Not detected	10000
1,2,4-Trichlorobenzene			Not detected	10000
1,2,4-Trimethylbenzene			Not detected	10000
1,2-Dibromo-3-chloropropane			Not detected	10000
1,2-Dibromoethane			Not detected	10000
1,2-Dichlorobenzene			Not detected	10000
1,2-Dichloroethane			Not detected	10000
1,2-Dichloroethylene (Total)			Not detected	10000
1,2-Dichloropropane			Not detected	10000
1,3,5-Trimethylbenzene			Not detected	10000
1,3-Dichlorobenzene			Not detected	10000
1,3-Dichloropropane			Not detected	10000
1,4-Dichlorobenzene			Not detected	10000
1-Chlorohexane			Not detected	10000
2,2-Dichloropropane			Not detected	10000
2-Chlorotoluene			Not detected	10000
4-Chlorotoluene			Not detected	10000
Benzene			Not detected	10000
Bromobenzene			Not detected	10000
Bromochloromethane			Not detected	100000
Bromodichloromethane			Not detected	100000
Bromoform			Not detected	10000
Bromomethane			Not detected	100000
Carbon tetrachloride			Not detected	10000
Chlorobenzene			Not detected	10000
Chloroethane			Not detected	10000
Chloroform			Not detected	100000
Chloromethane			Not detected	100000
cis-1,3-Dichloropropylene			Not detected	10000
Dibromochloromethane			Not detected	10000
Dibromomethane			Not detected	10000
Dichlorodifluoromethane			Not detected	10000
Ethylbenzene			Not detected	10000
Hexachlorobutadiene			Not detected	10000
Isopropylbenzene			Not detected	10000
Methylene chloride			66000 B	10000
Naphthalene			Not detected	10000
n-Butylbenzene			Not detected	10000
n-Propylbenzene			Not detected	10000
o-Xylene			Not detected	10000

**YORK**

Client Sample ID			SVE-2C	
York Sample ID			01060118-03	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
p- & m-Xylenes			Not detected	10000
p-Isopropyltoluene			Not detected	10000
sec-Butylbenzene			Not detected	10000
Styrene			Not detected	10000
tert-Butylbenzene			Not detected	10000
Tetrachloroethylene			2400000	10000
Toluene			8200 J	10000
trans-1,3-Dichloropropylene			Not detected	10000
Trichloroethylene			Not detected	10000
Trichlorofluoromethane			Not detected	10000
Vinyl chloride			Not detected	100000

Client Sample ID			TB-3		SVE-2E	
York Sample ID			01060118-04		01060118-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1

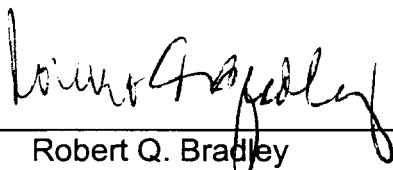
**YORK**

Client Sample ID			TB-3		SVE-2E	
York Sample ID			01060118-04		01060118-05	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	6	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

**Notes for York Project No. 01060118**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:   
 Robert Q. Bradley  
 Managing Director

Date: 6/25/2001



# **YORK**

**ANALYTICAL LABORATORIES, INC.**

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## **Definitions for FLAGS used as a Results Suffix**

Flags are sometimes used on results to indicate certain occurrences during the analysis process. The most common flags used by York are defined below.

### **FLAG**

### **DEFINITION**

- J** J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.
- B** B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.
- E** This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

# YORK

ANALYTICAL LABORATORIES, INC.

## Field Chain-of-Custody Record

ONE RESEARCH DRIVE  
STAMFORD, CT 06906  
(203) 325-1371 FAX (203) 357-0166

<u>Company Name</u>	<u>Report To:</u>	<u>Invoice To:</u>	<u>Project ID/No.</u>	<u>Samples Collected By (Signature)</u>
Enviroscience Consultants	Greg Meneyro	same	Former Kligman Bros.	<i>[Signature]</i>
				<u>Name (Printed)</u>
				Greg Meneyro

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
1	TB-3	6/4/01 1000	X				VOCs by 8260	2-40ml HCl
2	SVE-2A ✓	1100		X				1-40oz
3	SVE-2B ✓	1550		X				1-40oz
4	SVE-2E	1600 X						2-40ml HCl
5	SVE-2C	6/4/01 1615		X			VOCs by 8260	1-40oz

<b>Chain-of-Custody Record</b>		<i>[Signature]</i> 6/5/01 1230		<i>[Signature]</i> 6/5/01 1230	
Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
<i>[Signature]</i>	6/4/01 0700	<i>[Signature]</i>	6/5/01 1230	<i>[Signature]</i>	6-5-01/1600
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time

Comments/Special Instructions: Cooler / Sample Temp = 4.6 °C  
 All 150ml CAT R Delivered

Turn-Around Time:  Standard  RUSH(define)



# Technical Report

prepared for

**Enviroscience Consultants, Inc.**  
2150 Smithtown Avenue  
Ronkonkoma, NY 11779  
Attention: Greg Menegio

Report Date: 6/25/2001  
***Re: Client Project ID: Former Kliegman Bros.***  
York Project No.: 01060130

CT License No. PH-0723    New York License No. 10854    Mass. License No. M-CT106    Rhode Island License No. 93    EPA I.D. No. CT00106



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ONE RESEARCH DRIVE    STAMFORD, CT 06906    (203) 325-1371    FAX (203) 357-0166



**Enviroscience Consultants, Inc.**  
 2150 Smithtown Avenue  
 Ronkonkoma, NY 11779  
 Attention: Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/06/01. The project was identified as your project "Former Kliegman Bros."

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

### Analysis Results

Client Sample ID			SB-1A		SB-2A	
York Sample ID			01060130-01		01060130-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	2000	Not detected	200
1,1,1-Trichloroethane			Not detected	2000	Not detected	200
1,1,2,2-Tetrachloroethane			Not detected	2000	Not detected	200
1,1,2-Trichloroethane			Not detected	2000	Not detected	200
1,1-Dichloroethane			Not detected	2000	Not detected	200
1,1-Dichloroethylene			Not detected	2000	Not detected	200
1,1-Dichloropropylene			Not detected	2000	Not detected	200
1,2,3-Trichlorobenzene			Not detected	2000	Not detected	200
1,2,3-Trichloropropane			Not detected	2000	Not detected	200
1,2,3-Trimethylbenzene			Not detected	2000	Not detected	200
1,2,4-Trichlorobenzene			Not detected	2000	Not detected	200
1,2,4-Trimethylbenzene			Not detected	2000	Not detected	200
1,2-Dibromo-3-chloropropane			Not detected	2000	Not detected	200
1,2-Dibromoethane			Not detected	2000	Not detected	200
1,2-Dichlorobenzene			Not detected	2000	Not detected	200
1,2-Dichloroethane			Not detected	2000	Not detected	200

**YORK**

Client Sample ID			SB-1A		SB-2A	
York Sample ID			01060130-01		01060130-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	2000	120(cis-) J	200
1,2-Dichloropropane			Not detected	2000	Not detected	200
1,3,5-Trimethylbenzene			Not detected	2000	Not detected	200
1,3-Dichlorobenzene			Not detected	2000	Not detected	200
1,3-Dichloropropane			Not detected	2000	Not detected	200
1,4-Dichlorobenzene			Not detected	2000	Not detected	200
1-Chlorohexane			Not detected	2000	Not detected	200
2,2-Dichloropropane			Not detected	2000	Not detected	200
2-Chlorotoluene			Not detected	2000	Not detected	200
4-Chlorotoluene			Not detected	2000	Not detected	200
Benzene			Not detected	2000	Not detected	200
Bromobenzene			Not detected	2000	Not detected	200
Bromochloromethane			Not detected	20000	Not detected	2000
Bromodichloromethane			Not detected	20000	Not detected	2000
Bromoform			Not detected	2000	Not detected	200
Bromomethane			Not detected	20000	Not detected	2000
Carbon tetrachloride			Not detected	2000	Not detected	200
Chlorobenzene			Not detected	2000	Not detected	200
Chloroethane			Not detected	2000	Not detected	200
Chloroform			Not detected	20000	Not detected	2000
Chloromethane			Not detected	20000	Not detected	2000
cis-1,3-Dichloropropylene			Not detected	2000	Not detected	200
Dibromochloromethane			Not detected	2000	Not detected	200
Dibromomethane			Not detected	2000	Not detected	200
Dichlorodifluoromethane			Not detected	2000	Not detected	200
Ethylbenzene			Not detected	2000	Not detected	200
Hexachlorobutadiene			Not detected	2000	Not detected	200
Isopropylbenzene			Not detected	2000	Not detected	200
Methylene chloride			Not detected	2000	2200 B	200
Naphthalene			Not detected	2000	Not detected	200
n-Butylbenzene			Not detected	2000	Not detected	200
n-Propylbenzene			Not detected	2000	Not detected	200
o-Xylene			Not detected	2000	Not detected	200
p- & m-Xylenes			Not detected	2000	Not detected	200
p-Isopropyltoluene			Not detected	2000	Not detected	200
sec-Butylbenzene			Not detected	2000	Not detected	200
Styrene			Not detected	2000	Not detected	200
tert-Butylbenzene			Not detected	2000	Not detected	200
Tetrachloroethylene			320000	2000	19000	200
Toluene			Not detected	2000	140 J	200
trans-1,3-Dichloropropylene			Not detected	2000	Not detected	200
Trichloroethylene			Not detected	2000	250	200
Trichlorofluoromethane			Not detected	2000	Not detected	200
Vinyl chloride			Not detected	20000	Not detected	2000

Client Sample ID			SB-3A		SB-4A	
York Sample ID			01060130-03		01060130-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	500	Not detected	1000
1,1,1-Trichloroethane			Not detected	500	Not detected	1000
1,1,2,2-Tetrachloroethane			Not detected	500	Not detected	1000
1,1,2-Trichloroethane			Not detected	500	Not detected	1000
1,1-Dichloroethane			Not detected	500	Not detected	1000
1,1-Dichloroethylene			Not detected	500	Not detected	1000
1,1-Dichloropropylene			Not detected	500	Not detected	1000
1,2,3-Trichlorobenzene			Not detected	500	Not detected	1000
1,2,3-Trichloropropane			Not detected	500	Not detected	1000
1,2,3-Trimethylbenzene			Not detected	500	Not detected	1000
1,2,4-Trichlorobenzene			Not detected	500	Not detected	1000
1,2,4-Trimethylbenzene			Not detected	500	Not detected	1000
1,2-Dibromo-3-chloropropane			Not detected	500	Not detected	1000
1,2-Dibromoethane			Not detected	500	Not detected	1000
1,2-Dichlorobenzene			Not detected	500	Not detected	1000
1,2-Dichloroethane			Not detected	500	Not detected	1000
1,2-Dichloroethylene (Total)			Not detected	500	Not detected	1000
1,2-Dichloropropane			Not detected	500	Not detected	1000
1,3,5-Trimethylbenzene			Not detected	500	Not detected	1000
1,3-Dichlorobenzene			Not detected	500	Not detected	1000
1,3-Dichloropropane			Not detected	500	Not detected	1000
1,4-Dichlorobenzene			Not detected	500	Not detected	1000
1-Chlorohexane			Not detected	500	Not detected	1000
2,2-Dichloropropane			Not detected	500	Not detected	1000
2-Chlorotoluene			Not detected	500	Not detected	1000
4-Chlorotoluene			Not detected	500	Not detected	1000
Benzene			Not detected	500	Not detected	1000
Bromobenzene			Not detected	500	Not detected	1000
Bromochloromethane			Not detected	5000	Not detected	10000
Bromodichloromethane			Not detected	5000	Not detected	10000
Bromoform			Not detected	500	Not detected	1000
Bromomethane			Not detected	5000	Not detected	10000
Carbon tetrachloride			Not detected	500	Not detected	1000
Chlorobenzene			Not detected	500	Not detected	1000
Chloroethane			Not detected	500	Not detected	1000
Chloroform			Not detected	5000	Not detected	10000
Chloromethane			Not detected	5000	Not detected	10000
cis-1,3-Dichloropropylene			Not detected	500	Not detected	1000
Dibromochloromethane			Not detected	500	Not detected	1000
Dibromomethane			Not detected	500	Not detected	1000
Dichlorodifluoromethane			Not detected	500	Not detected	1000
Ethylbenzene			Not detected	500	Not detected	1000
Hexachlorobutadiene			Not detected	500	Not detected	1000
Isopropylbenzene			Not detected	500	Not detected	1000
Methylene chloride			Not detected	500	Not detected	1000
Naphthalene			Not detected	500	Not detected	1000
n-Butylbenzene			Not detected	500	Not detected	1000
n-Propylbenzene			Not detected	500	Not detected	1000
o-Xylene			Not detected	500	Not detected	1000

**YORK**

Client Sample ID			SB-3A		SB-4A	
York Sample ID			01060130-03		01060130-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			Not detected	500	Not detected	1000
p-Isopropyltoluene			Not detected	500	Not detected	1000
sec-Butylbenzene			Not detected	500	Not detected	1000
Styrene			Not detected	500	Not detected	1000
tert-Butylbenzene			Not detected	500	Not detected	1000
Tetrachloroethylene			58000	500	80000	1000
Toluene			Not detected	500	Not detected	1000
trans-1,3-Dichloropropylene			Not detected	500	Not detected	1000
Trichloroethylene			Not detected	500	Not detected	1000
Trichlorofluoromethane			Not detected	500	Not detected	1000
Vinyl chloride			Not detected	5000	Not detected	10000

Client Sample ID			SB-6A		SB-10A	
York Sample ID			01060130-05		01060130-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	200	Not detected	500
1,1,1-Trichloroethane			Not detected	200	Not detected	500
1,1,2,2-Tetrachloroethane			Not detected	200	Not detected	500
1,1,2-Trichloroethane			Not detected	200	Not detected	500
1,1-Dichloroethane			Not detected	200	Not detected	500
1,1-Dichloroethylene			Not detected	200	Not detected	500
1,1-Dichloropropylene			Not detected	200	Not detected	500
1,2,3-Trichlorobenzene			Not detected	200	Not detected	500
1,2,3-Trichloropropane			Not detected	200	Not detected	500
1,2,3-Trimethylbenzene			Not detected	200	Not detected	500
1,2,4-Trichlorobenzene			Not detected	200	Not detected	500
1,2,4-Trimethylbenzene			Not detected	200	Not detected	500
1,2-Dibromo-3-chloropropane			Not detected	200	Not detected	500
1,2-Dibromoethane			Not detected	200	Not detected	500
1,2-Dichlorobenzene			Not detected	200	Not detected	500
1,2-Dichloroethane			Not detected	200	Not detected	500
1,2-Dichloroethylene (Total)			Not detected	200	Not detected	500
1,2-Dichloropropane			Not detected	200	Not detected	500
1,3,5-Trimethylbenzene			Not detected	200	Not detected	500
1,3-Dichlorobenzene			Not detected	200	Not detected	500
1,3-Dichloropropane			Not detected	200	Not detected	500
1,4-Dichlorobenzene			Not detected	200	Not detected	500
1-Chlorohexane			Not detected	200	Not detected	500
2,2-Dichloropropane			Not detected	200	Not detected	500
2-Chlorotoluene			Not detected	200	Not detected	500
4-Chlorotoluene			Not detected	200	Not detected	500
Benzene			Not detected	200	Not detected	500
Bromobenzene			Not detected	200	Not detected	500
Bromochloromethane			Not detected	2000	Not detected	5000
Bromodichloromethane			Not detected	2000	Not detected	5000
Bromoform			Not detected	200	Not detected	500
Bromomethane			Not detected	2000	580 J	5000

**YORK**

Client Sample ID			SB-6A		SB-10A	
York Sample ID			01060130-05		01060130-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	200	Not detected	500
Chlorobenzene			Not detected	200	Not detected	500
Chloroethane			Not detected	200	Not detected	500
Chloroform			Not detected	2000	Not detected	5000
Chloromethane			94 J	2000	320 J	5000
cis-1,3-Dichloropropylene			Not detected	200	Not detected	500
Dibromochloromethane			Not detected	200	Not detected	500
Dibromomethane			Not detected	200	Not detected	500
Dichlorodifluoromethane			Not detected	200	Not detected	500
Ethylbenzene			Not detected	200	Not detected	500
Hexachlorobutadiene			Not detected	200	Not detected	500
Isopropylbenzene			Not detected	200	Not detected	500
Methylene chloride			2400 B	200	4400 B	500
Naphthalene			Not detected	200	Not detected	500
n-Butylbenzene			Not detected	200	Not detected	500
n-Propylbenzene			Not detected	200	Not detected	500
o-Xylene			Not detected	200	Not detected	500
p- & m-Xylenes			300	200	400 J	500
p-Isopropyltoluene			Not detected	200	Not detected	500
sec-Butylbenzene			Not detected	200	Not detected	500
Styrene			Not detected	200	Not detected	500
tert-Butylbenzene			Not detected	200	Not detected	500
Tetrachloroethylene			44000	200	10000	500
Toluene			160 J	200	470 J	500
trans-1,3-Dichloropropylene			Not detected	200	Not detected	500
Trichloroethylene			Not detected	200	Not detected	500
Trichlorofluoromethane			Not detected	200	Not detected	500
Vinyl chloride			Not detected	2000	Not detected	5000

Client Sample ID			SB-11A		SB-12A	
York Sample ID			01060130-07		01060130-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	500
1,1,1-Trichloroethane			Not detected	10	Not detected	500
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	500
1,1,2-Trichloroethane			Not detected	10	Not detected	500
1,1-Dichloroethane			Not detected	10	Not detected	500
1,1-Dichloroethylene			Not detected	10	Not detected	500
1,1-Dichloropropylene			Not detected	10	Not detected	500
1,2,3-Trichlorobenzene			Not detected	10	Not detected	500
1,2,3-Trichloropropane			Not detected	10	Not detected	500
1,2,3-Trimethylbenzene			Not detected	10	Not detected	500
1,2,4-Trichlorobenzene			Not detected	10	Not detected	500
1,2,4-Trimethylbenzene			Not detected	10	Not detected	500
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	500
1,2-Dibromoethane			Not detected	10	Not detected	500
1,2-Dichlorobenzene			Not detected	10	Not detected	500

**YORK**

Client Sample ID			SB-11A		SB-12A	
York Sample ID			01060130-07		01060130-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethane			Not detected	10	Not detected	500
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	500
1,2-Dichloropropane			Not detected	10	Not detected	500
1,3,5-Trimethylbenzene			Not detected	10	Not detected	500
1,3-Dichlorobenzene			Not detected	10	Not detected	500
1,3-Dichloropropane			Not detected	10	Not detected	500
1,4-Dichlorobenzene			Not detected	10	Not detected	500
1-Chlorohexane			Not detected	10	Not detected	500
2,2-Dichloropropane			Not detected	10	Not detected	500
2-Chlorotoluene			Not detected	10	Not detected	500
4-Chlorotoluene			Not detected	10	Not detected	500
Benzene			Not detected	10	Not detected	500
Bromobenzene			Not detected	10	Not detected	500
Bromochloromethane			Not detected	100	Not detected	5000
Bromodichloromethane			Not detected	100	Not detected	5000
Bromoform			Not detected	10	Not detected	500
Bromomethane			Not detected	100	Not detected	5000
Carbon tetrachloride			Not detected	10	Not detected	500
Chlorobenzene			Not detected	10	Not detected	500
Chloroethane			Not detected	10	Not detected	500
Chloroform			Not detected	100	Not detected	5000
Chloromethane			Not detected	100	Not detected	5000
cis-1,3-Dichloropropylene			Not detected	10	Not detected	500
Dibromochloromethane			Not detected	10	Not detected	500
Dibromomethane			Not detected	10	Not detected	500
Dichlorodifluoromethane			Not detected	10	Not detected	500
Ethylbenzene			Not detected	10	Not detected	500
Hexachlorobutadiene			Not detected	10	Not detected	500
Isopropylbenzene			Not detected	10	Not detected	500
Methylene chloride			Not detected	10	Not detected	500
Naphthalene			Not detected	10	Not detected	500
n-Butylbenzene			Not detected	10	Not detected	500
n-Propylbenzene			Not detected	10	Not detected	500
o-Xylene			Not detected	10	Not detected	500
p- & m-Xylenes			10	10	Not detected	500
p-Isopropyltoluene			Not detected	10	Not detected	500
sec-Butylbenzene			Not detected	10	Not detected	500
Styrene			Not detected	10	Not detected	500
tert-Butylbenzene			Not detected	10	Not detected	500
Tetrachloroethylene			1400	10	48000	500
Toluene			Not detected	10	Not detected	500
trans-1,3-Dichloropropylene			Not detected	10	Not detected	500
Trichloroethylene			Not detected	10	Not detected	500
Trichlorofluoromethane			Not detected	10	Not detected	500
Vinyl chloride			Not detected	100	Not detected	5000

**YORK**

Client Sample ID			SB-13A		SB-16A	
York Sample ID			01060130-09		01060130-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	200
1,1,1-Trichloroethane			Not detected	5.0	Not detected	200
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	200
1,1,2-Trichloroethane			Not detected	5.0	Not detected	200
1,1-Dichloroethane			Not detected	5.0	Not detected	200
1,1-Dichloroethylene			Not detected	5.0	Not detected	200
1,1-Dichloropropylene			Not detected	5.0	Not detected	200
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	200
1,2,3-Trichloropropane			Not detected	5.0	Not detected	200
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	200
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	200
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	200
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	200
1,2-Dibromoethane			Not detected	5.0	Not detected	200
1,2-Dichlorobenzene			Not detected	5.0	Not detected	200
1,2-Dichloroethane			Not detected	5.0	Not detected	200
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	200
1,2-Dichloropropane			Not detected	5.0	Not detected	200
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	200
1,3-Dichlorobenzene			Not detected	5.0	Not detected	200
1,3-Dichloropropane			Not detected	5.0	Not detected	200
1,4-Dichlorobenzene			Not detected	5.0	Not detected	200
1-Chlorohexane			Not detected	5.0	Not detected	200
2,2-Dichloropropane			Not detected	5.0	Not detected	200
2-Chlorotoluene			Not detected	5.0	Not detected	200
4-Chlorotoluene			Not detected	5.0	Not detected	200
Benzene			Not detected	5.0	Not detected	200
Bromobenzene			Not detected	5.0	Not detected	200
Bromochloromethane			Not detected	50	Not detected	2000
Bromodichloromethane			Not detected	50	Not detected	2000
Bromoform			Not detected	5.0	Not detected	200
Bromomethane			Not detected	50	Not detected	2000
Carbon tetrachloride			Not detected	5.0	Not detected	200
Chlorobenzene			Not detected	5.0	Not detected	200
Chloroethane			Not detected	5.0	Not detected	200
Chloroform			Not detected	50	Not detected	2000
Chloromethane			Not detected	50	310	2000
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	200
Dibromochloromethane			Not detected	5.0	Not detected	200
Dibromomethane			Not detected	5.0	Not detected	200
Dichlorodifluoromethane			Not detected	5.0	Not detected	200
Ethylbenzene			Not detected	5.0	Not detected	200
Hexachlorobutadiene			Not detected	5.0	Not detected	200
Isopropylbenzene			Not detected	5.0	Not detected	200
Methylene chloride			80 B	5.0	2000 B	200
Naphthalene			Not detected	5.0	Not detected	200
n-Butylbenzene			Not detected	5.0	Not detected	200
n-Propylbenzene			Not detected	5.0	Not detected	200
o-Xylene			Not detected	5.0	Not detected	200

**YORK**

Client Sample ID			SB-13A		SB-16A	
York Sample ID			01060130-09		01060130-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			Not detected	5.0	Not detected	200
p-Isopropyltoluene			Not detected	5.0	Not detected	200
sec-Butylbenzene			Not detected	5.0	Not detected	200
Styrene			Not detected	5.0	Not detected	200
tert-Butylbenzene			Not detected	5.0	Not detected	200
Tetrachloroethylene			180	5.0	71000	200
Toluene			Not detected	5.0	160 J	200
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	200
Trichloroethylene			Not detected	5.0	190 J	200
Trichlorofluoromethane			Not detected	5.0	Not detected	200
Vinyl chloride			Not detected	50	Not detected	2000

Client Sample ID			SB-17A		SB-7A	
York Sample ID			01060130-11		01060130-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	100	Not detected	5.0
1,1,1-Trichloroethane			Not detected	100	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	100	Not detected	5.0
1,1,2-Trichloroethane			Not detected	100	Not detected	5.0
1,1-Dichloroethane			Not detected	100	Not detected	5.0
1,1-Dichloroethylene			Not detected	100	Not detected	5.0
1,1-Dichloropropylene			Not detected	100	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	100	Not detected	5.0
1,2,3-Trichloropropane			Not detected	100	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	100	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	100	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	100	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	100	Not detected	5.0
1,2-Dibromoethane			Not detected	100	Not detected	5.0
1,2-Dichlorobenzene			Not detected	100	Not detected	5.0
1,2-Dichloroethane			Not detected	100	Not detected	5.0
1,2-Dichloroethylene (Total)			350(cis-)	100	Not detected	5.0
1,2-Dichloropropane			Not detected	100	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	100	Not detected	5.0
1,3-Dichlorobenzene			Not detected	100	Not detected	5.0
1,3-Dichloropropane			Not detected	100	Not detected	5.0
1,4-Dichlorobenzene			Not detected	100	Not detected	5.0
1-Chlorohexane			Not detected	100	Not detected	5.0
2,2-Dichloropropane			Not detected	100	Not detected	5.0
2-Chlorotoluene			Not detected	100	Not detected	5.0
4-Chlorotoluene			Not detected	100	Not detected	5.0
Benzene			Not detected	100	Not detected	5.0
Bromobenzene			Not detected	100	Not detected	5.0
Bromochloromethane			Not detected	1000	Not detected	50
Bromodichloromethane			Not detected	1000	Not detected	50
Bromoform			Not detected	100	Not detected	5.0
Bromomethane			Not detected	1000	Not detected	50

**YORK**



Client Sample ID			SB-17A		SB-7A	
York Sample ID			01060130-11		01060130-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	100	Not detected	5.0
Chlorobenzene			Not detected	100	Not detected	5.0
Chloroethane			Not detected	100	Not detected	5.0
Chloroform			Not detected	1000	Not detected	50
Chloromethane			110 J	1000	Not detected	50
cis-1,3-Dichloropropylene			Not detected	100	Not detected	5.0
Dibromochloromethane			Not detected	100	Not detected	5.0
Dibromomethane			Not detected	100	Not detected	5.0
Dichlorodifluoromethane			Not detected	100	Not detected	5.0
Ethylbenzene			Not detected	100	Not detected	5.0
Hexachlorobutadiene			Not detected	100	Not detected	5.0
Isopropylbenzene			Not detected	100	Not detected	5.0
Methylene chloride			1000 B	100	73 B	5.0
Naphthalene			Not detected	100	Not detected	5.0
n-Butylbenzene			Not detected	100	Not detected	5.0
n-Propylbenzene			Not detected	100	Not detected	5.0
o-Xylene			Not detected	100	Not detected	5.0
p- & m-Xylenes			Not detected	100	Not detected	5.0
p-Isopropyltoluene			Not detected	100	Not detected	5.0
sec-Butylbenzene			Not detected	100	Not detected	5.0
Styrene			Not detected	100	Not detected	5.0
tert-Butylbenzene			Not detected	100	Not detected	5.0
Tetrachloroethylene			12000	100	140	5.0
Toluene			Not detected	100	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	100	Not detected	5.0
Trichloroethylene			140	100	Not detected	5.0
Trichlorofluoromethane			Not detected	100	Not detected	5.0
Vinyl chloride			Not detected	1000	Not detected	50

Client Sample ID			TB-5		SB-10E	
York Sample ID			01060130-13		01060130-14	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1

**YORK**

Client Sample ID			TB-5		SB-10E	
York Sample ID			01060130-13		01060130-14	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

**Units Key:**

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

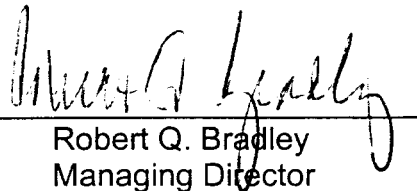
For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Report Date: 6/25/2001  
Client Project ID: Former Kliegman Bros.  
York Project No.: 01060130

**Notes for York Project No. 01060130**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:

  
Robert Q. Bradley  
Managing Director

Date: 6/25/2001

**YORK**

# **YORK**

**ANALYTICAL LABORATORIES, INC.**

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## **Definitions for FLAGS used as a Results Suffix**

Flags are sometimes used on results to indicate certain occurrences during the analysis process. The most common flags used by York are defined below.

### **FLAG**

### **DEFINITION**

- J** J indicates an estimated value. This flag applies to Tentatively Identified Compounds or, when requested, for a target compound whose result is less than the reporting limit but whose mass spectral data meet identification criteria. For example if the reporting limit is listed as 10 ppb and the analysis shows 3 ppb, the result can be reported as 3 J. The client must request the use of J flags for the laboratory to report such flags.
- B** B indicates that the analyte was also found in the associated batch method blank. This flag indicates possible/probable blank contamination and warns the data user to be aware. This mostly applies to the volatiles acetone and methylene chloride and the semi-volatiles bis-(2-ethylhexyl) phthalate and other phthalates.
- E** This flag is used to indicate that the reported concentration of an analyte exceeded the calibration range of the analytical system. In this case the result reported is treated as a minimum value. This often applies where clients request an additional analyte after sample analysis, such as acetone, where the initial analysis did not require dilution since acetone was not a target compound. This flag will also apply if after numerous dilutions a specific target compound would significantly dilute out all other targets.

# YORK

ANALYTICAL LABORATORIES, INC.

## Field Chain-of-Custody Record

ONE RESEARCH DRIVE  
STAMFORD, CT 06906  
(203) 325-1371 FAX (203) 357-0166

<u>Company Name</u> Enviroscience Consultants, Inc.	<u>Report To:</u> Greg Menegio	<u>Invoice To:</u> Same	<u>Project ID/No.</u> Former K/Regan Bros.	<u>Samples Collected By (Signature)</u> <i>[Signature]</i>
				<u>Name (Printed)</u> Greg Menegio

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
1	TB-5	6/6/01 0930	X				VOCs by 8260	2-40-mL HCl
2	SB-1A	0950		X			↓	1-4oz
3	SB-2A	0955		X				
4	SB-3A	1000		X				
5	SB-4A	1010		X				
<del>6</del>	<del>SB-5A</del>	<del>6/6/01</del>		X				
7	SB-6A	1020		X				
<del>8</del>	<del>SB-7A</del>	<del>6/6/01</del>		X				
<del>9</del>	<del>SB-8A</del>	<del>6/6/01</del>		X				
<del>10</del>	<del>SB-9A</del>	<del>6/6/01</del>		X				
		6/6/01						VOCs by 8260

<u>Chain-of-Custody Record</u>					
Bottles Relinquished from Lab by <i>[Signature]</i>	Date/Time 6/6/01 0900	Sample Relinquished by <i>[Signature]</i>	Date/Time 6/6/01 1545	Sample Received by <i>[Signature]</i>	Date/Time 6-6-01/1545
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time

Comments/Special Instructions: NYS DEL CAT B Del.  
Coolant Sample Temp = 3.8°C

Turn-Around Time:  Standard  RUSH(define) \_\_\_\_\_

# YORK

## Field Chain-of-Custody Record

**ANALYTICAL LABORATORIES, INC.**  
 ONE RESEARCH DRIVE  
 STAMFORD, CT 06906  
 (203) 325-1371 FAX (203) 357-0166

<b>Company Name</b> Enviroscience Consultants, Inc.	<b>Report To:</b> Grey Meneses	<b>Invoice To:</b> Same	<b>Project ID/No.</b> Farmer Kliegman Bros.
<b>Company Name</b> Enviroscience Consultants, Inc.		<b>Samples Collected By (Signature)</b> <i>[Signature]</i>	
<b>Report To:</b> Grey Meneses		<b>Name (Printed)</b> Grey Meneses	

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
11	SB-10A ✓	6/6/01 1110		X			VOCs by 8260 1-402	
12	SB-10E	1115	X				2-YomL HCL 1-402	
13	SB-11A ✓	1120		X			1-402	
14	SB-12A ✓	1105		X				
15	SB-13A ✓	1100		X				
16	SB-16A ✓	1310		X				
17	SB-17A ✓	6/6/01 1330		X			VOCs by 8260 1-402	
18	SB-7A ✓	6/6/01 1030		X			VOCs by 8260 1-402	

<b>Chain-of-Custody Record</b>	
<b>Bottles Relinquished from Lab by</b> <i>[Signature]</i> Date/Time 6/6/01 0700	<b>Sample Received by</b> <i>[Signature]</i> Date/Time 6-6-01/1545
<b>Bottles Received in Field by</b> <i>[Signature]</i> Date/Time 6/6/01 0700	<b>Sample Received in LAB by</b> <i>[Signature]</i> Date/Time 6-6-01/1545
<b>Comments/Special Instructions</b> Myster Ore B ASP DL. 1... / Sample. Temp = 3.8°C	
<b>Turn-Around Time</b> X Standard RUSH(define)	

# Technical Report

prepared for

**Enviroscience Consultants, Inc.**  
2150 Smithtown Avenue  
Ronkonkoma, NY 11779  
Attention: Mr. Greg Menegio

Report Date: 6/29/2001  
*Re: Client Project ID: Former Kliegman Bros.*  
York Project No.: 01060420

CT License No. PH-0723    New York License No. 10854    Mass. License No. M-CT106    Rhode Island License No. 93    EPA I.D. No. CT00106



**Enviroscience Consultants, Inc.**  
 2150 Smithtown Avenue  
 Ronkonkoma, NY 11779  
 Attention: Mr. Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/15/01. The project was identified as your project "Former Kliegman Bros."

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

## Analysis Results

Client Sample ID			TB-6		SVE-2Q1	
York Sample ID			01060420-01		01060420-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1000
1,1,1-Trichloroethane			Not detected	1	Not detected	1000
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1000
1,1,2-Trichloroethane			Not detected	1	Not detected	1000
1,1-Dichloroethane			Not detected	1	Not detected	1000
1,1-Dichloroethylene			Not detected	1	Not detected	1000
1,1-Dichloropropylene			Not detected	1	Not detected	1000
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1000
1,2,3-Trichloropropane			Not detected	1	Not detected	1000
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1000
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1000
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1000
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1000
1,2-Dibromoethane			Not detected	1	Not detected	1000
1,2-Dichlorobenzene			Not detected	1	Not detected	1000

**YORK**



Client Sample ID			TB-6		SVE-2Q1	
York Sample ID			01060420-01		01060420-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethane			Not detected	1	Not detected	1000
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1000
1,2-Dichloropropane			Not detected	1	Not detected	1000
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1000
1,3-Dichlorobenzene			Not detected	1	Not detected	1000
1,3-Dichloropropane			Not detected	1	Not detected	1000
1,4-Dichlorobenzene			Not detected	1	Not detected	1000
1-Chlorohexane			Not detected	1	Not detected	1000
2,2-Dichloropropane			Not detected	1	Not detected	1000
2-Chlorotoluene			Not detected	1	Not detected	1000
4-Chlorotoluene			Not detected	1	Not detected	1000
Benzene			Not detected	1	Not detected	1000
Bromobenzene			Not detected	1	Not detected	1000
Bromochloromethane			Not detected	1	Not detected	1000
Bromodichloromethane			Not detected	1	Not detected	1000
Bromoform			Not detected	1	Not detected	1000
Bromomethane			Not detected	1	Not detected	1000
Carbon tetrachloride			Not detected	1	Not detected	1000
Chlorobenzene			Not detected	1	Not detected	1000
Chloroethane			Not detected	1	Not detected	1000
Chloroform			Not detected	1	Not detected	1000
Chloromethane			Not detected	1	Not detected	1000
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1000
Dibromochloromethane			Not detected	1	Not detected	1000
Dibromomethane			Not detected	1	Not detected	1000
Dichlorodifluoromethane			Not detected	1	Not detected	1000
Ethylbenzene			Not detected	1	Not detected	1000
Hexachlorobutadiene			Not detected	1	Not detected	1000
Isopropylbenzene			Not detected	1	Not detected	1000
Methylene chloride			45	1	1600	1000
Naphthalene			Not detected	1	Not detected	1000
n-Butylbenzene			Not detected	1	Not detected	1000
n-Propylbenzene			Not detected	1	Not detected	1000
o-Xylene			Not detected	1	Not detected	1000
p- & m-Xylenes			Not detected	1	Not detected	1000
p-Isopropyltoluene			Not detected	1	Not detected	1000
sec-Butylbenzene			Not detected	1	Not detected	1000
Styrene			Not detected	1	Not detected	1000
tert-Butylbenzene			Not detected	1	Not detected	1000
Tetrachloroethylene			Not detected	1	45000	1000
Toluene			Not detected	1	Not detected	1000
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1000
Trichloroethylene			Not detected	1	Not detected	1000
Trichlorofluoromethane			Not detected	1	Not detected	1000
Vinyl chloride			Not detected	1	Not detected	1000

**YORK**

Client Sample ID			SVE-2Q2		SVE-2F	
York Sample ID			01060420-03		01060420-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	1
1,1,1-Trichloroethane			Not detected	10	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	1
1,1,2-Trichloroethane			Not detected	10	Not detected	1
1,1-Dichloroethane			Not detected	10	Not detected	1
1,1-Dichloroethylene			Not detected	10	Not detected	1
1,1-Dichloropropylene			Not detected	10	Not detected	1
1,2,3-Trichlorobenzene			Not detected	10	Not detected	1
1,2,3-Trichloropropane			Not detected	10	Not detected	1
1,2,3-Trimethylbenzene			Not detected	10	Not detected	1
1,2,4-Trichlorobenzene			Not detected	10	Not detected	1
1,2,4-Trimethylbenzene			Not detected	10	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	1
1,2-Dibromoethane			Not detected	10	Not detected	1
1,2-Dichlorobenzene			Not detected	10	Not detected	1
1,2-Dichloroethane			Not detected	10	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	1
1,2-Dichloropropane			Not detected	10	Not detected	1
1,3,5-Trimethylbenzene			Not detected	10	Not detected	1
1,3-Dichlorobenzene			Not detected	10	Not detected	1
1,3-Dichloropropane			Not detected	10	Not detected	1
1,4-Dichlorobenzene			Not detected	10	Not detected	1
1-Chlorohexane			Not detected	10	Not detected	1
2,2-Dichloropropane			Not detected	10	Not detected	1
2-Chlorotoluene			Not detected	10	Not detected	1
4-Chlorotoluene			Not detected	10	Not detected	1
Benzene			Not detected	10	Not detected	1
Bromobenzene			Not detected	10	Not detected	1
Bromochloromethane			Not detected	10	Not detected	1
Bromodichloromethane			Not detected	10	Not detected	1
Bromoform			Not detected	10	Not detected	1
Bromomethane			Not detected	10	Not detected	1
Carbon tetrachloride			Not detected	10	Not detected	1
Chlorobenzene			Not detected	10	Not detected	1
Chloroethane			Not detected	10	Not detected	1
Chloroform			Not detected	10	Not detected	1
Chloromethane			Not detected	10	Not detected	1
cis-1,3-Dichloropropylene			Not detected	10	Not detected	1
Dibromochloromethane			Not detected	10	Not detected	1
Dibromomethane			Not detected	10	Not detected	1
Dichlorodifluoromethane			Not detected	10	Not detected	1
Ethylbenzene			Not detected	10	Not detected	1
Hexachlorobutadiene			Not detected	10	Not detected	1
Isopropylbenzene			Not detected	10	Not detected	1
Methylene chloride			13	10	52	1
Naphthalene			Not detected	10	Not detected	1
n-Butylbenzene			Not detected	10	Not detected	1
n-Propylbenzene			Not detected	10	Not detected	1

**YORK**

Client Sample ID			SVE-2Q2		SVE-2F	
York Sample ID			01060420-03		01060420-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	10	Not detected	1
p- & m-Xylenes			Not detected	10	Not detected	1
p-Isopropyltoluene			Not detected	10	Not detected	1
sec-Butylbenzene			Not detected	10	Not detected	1
Styrene			Not detected	10	Not detected	1
tert-Butylbenzene			Not detected	10	Not detected	1
Tetrachloroethylene			2200	10	Not detected	1
Toluene			Not detected	10	Not detected	1
trans-1,3-Dichloropropylene			Not detected	10	Not detected	1
Trichloroethylene			Not detected	10	Not detected	1
Trichlorofluoromethane			Not detected	10	Not detected	1
Vinyl chloride			Not detected	10	Not detected	1

Client Sample ID			SVE-2Q3	
York Sample ID			01060420-05	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---
1,1,1,2-Tetrachloroethane			Not detected	1
1,1,1-Trichloroethane			Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1
1,1,2-Trichloroethane			Not detected	1
1,1-Dichloroethane			Not detected	1
1,1-Dichloroethylene			Not detected	1
1,1-Dichloropropylene			Not detected	1
1,2,3-Trichlorobenzene			Not detected	1
1,2,3-Trichloropropane			Not detected	1
1,2,3-Trimethylbenzene			Not detected	1
1,2,4-Trichlorobenzene			Not detected	1
1,2,4-Trimethylbenzene			Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1
1,2-Dibromoethane			Not detected	1
1,2-Dichlorobenzene			Not detected	1
1,2-Dichloroethane			Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1
1,2-Dichloropropane			Not detected	1
1,3,5-Trimethylbenzene			Not detected	1
1,3-Dichlorobenzene			Not detected	1
1,3-Dichloropropane			Not detected	1
1,4-Dichlorobenzene			Not detected	1
1-Chlorohexane			Not detected	1
2,2-Dichloropropane			Not detected	1
2-Chlorotoluene			Not detected	1
4-Chlorotoluene			Not detected	1
Benzene			Not detected	1
Bromobenzene			Not detected	1
Bromochloromethane			Not detected	1
Bromodichloromethane			Not detected	1
Bromoform			Not detected	1

**YORK**

Client Sample ID			SVE-2Q3	
York Sample ID			01060420-05	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Bromomethane			Not detected	1
Carbon tetrachloride			Not detected	1
Chlorobenzene			Not detected	1
Chloroethane			Not detected	1
Chloroform			Not detected	1
Chloromethane			Not detected	1
cis-1,3-Dichloropropylene			Not detected	1
Dibromochloromethane			Not detected	1
Dibromomethane			Not detected	1
Dichlorodifluoromethane			Not detected	1
Ethylbenzene			Not detected	1
Hexachlorobutadiene			Not detected	1
Isopropylbenzene			Not detected	1
Methylene chloride			40	1
Naphthalene			Not detected	1
n-Butylbenzene			Not detected	1
n-Propylbenzene			Not detected	1
o-Xylene			Not detected	1
p- & m-Xylenes			Not detected	1
p-Isopropyltoluene			Not detected	1
sec-Butylbenzene			Not detected	1
Styrene			Not detected	1
tert-Butylbenzene			Not detected	1
Tetrachloroethylene			Not detected	1
Toluene			Not detected	1
trans-1,3-Dichloropropylene			Not detected	1
Trichloroethylene			Not detected	1
Trichlorofluoromethane			Not detected	1
Vinyl chloride			Not detected	1

Client Sample ID			SVE-2D	
York Sample ID			01060420-06	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane			Not detected	5.0

**YORK**

Client Sample ID			SVE-2D	
York Sample ID			01060420-06	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
1-Chlorohexane			Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	50
Bromodichloromethane			Not detected	50
Bromoform			Not detected	5.0
Bromomethane			Not detected	50
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	50
Chloromethane			Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methylene chloride			50 B	5.0
Naphthalene			Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes			Not detected	5.0
p-Isopropyltoluene			Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			21	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	50

**Units Key:**

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

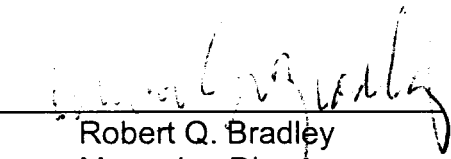
For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Report Date: 6/29/2001  
Client Project ID: Former Kliegman Bros.  
York Project No.: 01060420

**Notes for York Project No. 01060420**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: \_\_\_\_\_

  
Robert Q. Bradley  
Managing Director

Date: 6/29/2001

**YORK**

# YORK

ANALYTICAL LABORATORIES, INC.

## Field Chain-of-Custody Record

ONE RESEARCH DRIVE  
STAMFORD, CT 06906  
(203) 325-1371 FAX (203) 357-0166

<u>Company Name</u> Environcience Consultants, Inc.	<u>Report To:</u> Greg Menegio	<u>Invoice To:</u> Same	<u>Project ID/No.</u> Former Kliegerman Bos.	<u>Samples Collected By (Signature)</u> <i>[Signature]</i>
				<u>Name (Printed)</u> Greg Menegio

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
1	TB-6	6/14/01 1000	X				VOCs by 8260	2-40ml HCl
2	SVE-2D	1030		X			MS/MSD	1-4oz
3	SVE-2Q1	1115	X					2-40ml HCl
4	SVE-2Q2	1200	X					
5	SVE-2F	1130	X					
6	SVE-2Q3	6/14/01 1125	X				VOCs by 8260	2-40ml HCl
7	Q3 6/14/01		X					

<b>Chain-of-Custody Record</b>		<i>[Signature]</i> 6/15/01 1030		<i>[Signature]</i> 6/15/01 1030	
Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
<i>[Signature]</i>	6/15/01 0700	<i>[Signature]</i>	6/15/01 1030	<i>[Signature]</i>	6-15-01/1700
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>	
Comments/Special Instructions Cooler / Sample Temp = 4.8°C Invent. Put B delimiters				Turn-Around Time X Standard RUSH(define)	

**YORK**  
ANALYTICAL LABORATORIES, INC.

# Technical Report

prepared for

**Enviroscience Consultants, Inc.**  
2150 Smithtown Avenue  
Ronkonkoma, NY 11779  
Attention: Mr. Greg Menegio

Report Date: 7/9/2001  
**Re: Client Project ID: Former Kliegman Bros.**  
York Project No.: 01060470

CT License No. PH-0723    New York License No. 10854    Mass. License No. M-CT106    Rhode Island License No. 93    EPA I.D. No. CT00106





**Enviroscience Consultants, Inc.**  
 2150 Smithtown Avenue  
 Ronkonkoma, NY 11779  
 Attention: Mr. Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/19/01. The project was identified as your project "Former Kliegman Bros. ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

## Analysis Results

Client Sample ID			SB-5A		SB-5C	
York Sample ID			01060470-01		01060470-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,3-Trimethylbenzene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			5 J	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10

Client Sample ID			SB-5A		SB-5C	
York Sample ID			01060470-01		01060470-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
1-Chlorohexane			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	100	Not detected	100
Bromodichloromethane			Not detected	100	Not detected	100
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	100	Not detected	100
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	100	Not detected	100
Chloromethane			Not detected	100	Not detected	100
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			98	10	49	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			110 B	10	130 B	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			190	10	130	10
p- & m-Xylenes			470	10	150	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			8 J	10	6 J	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			55	10	54	10
Toluene			6 J	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	100	Not detected	100

**YORK**

Client Sample ID			SB-8A		SB-9A	
York Sample ID			01060470-03		01060470-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	100
1,1,1-Trichloroethane			Not detected	10	44 J	100
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	100
1,1,2-Trichloroethane			Not detected	10	Not detected	100
1,1-Dichloroethane			Not detected	10	Not detected	100
1,1-Dichloroethylene			Not detected	10	Not detected	100
1,1-Dichloropropylene			Not detected	10	Not detected	100
1,2,3-Trichlorobenzene			Not detected	10	Not detected	100
1,2,3-Trichloropropane			Not detected	10	Not detected	100
1,2,3-Trimethylbenzene			Not detected	10	Not detected	100
1,2,4-Trichlorobenzene			Not detected	10	Not detected	100
1,2,4-Trimethylbenzene			68	10	57 J	100
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	100
1,2-Dibromoethane			Not detected	10	Not detected	100
1,2-Dichlorobenzene			Not detected	10	Not detected	100
1,2-Dichloroethane			Not detected	10	Not detected	100
1,2-Dichloroethylene (Total)			360(cis-)	10	Not detected	100
1,2-Dichloropropane			Not detected	10	Not detected	100
1,3,5-Trimethylbenzene			21	10	26 J	100
1,3-Dichlorobenzene			Not detected	10	Not detected	100
1,3-Dichloropropane			Not detected	10	Not detected	100
1,4-Dichlorobenzene			Not detected	10	Not detected	100
1-Chlorohexane			Not detected	10	Not detected	100
2,2-Dichloropropane			Not detected	10	Not detected	100
2-Chlorotoluene			Not detected	10	Not detected	100
4-Chlorotoluene			Not detected	10	Not detected	100
Benzene			14	10	Not detected	100
Bromobenzene			Not detected	10	Not detected	100
Bromochloromethane			Not detected	100	Not detected	1000
Bromodichloromethane			Not detected	100	Not detected	1000
Bromoform			Not detected	10	Not detected	100
Bromomethane			Not detected	100	Not detected	1000
Carbon tetrachloride			Not detected	10	Not detected	100
Chlorobenzene			Not detected	10	Not detected	100
Chloroethane			Not detected	10	Not detected	100
Chloroform			Not detected	100	23 J	1000
Chloromethane			Not detected	100	Not detected	1000
cis-1,3-Dichloropropylene			Not detected	10	Not detected	100
Dibromochloromethane			Not detected	10	Not detected	100
Dibromomethane			Not detected	10	Not detected	100
Dichlorodifluoromethane			Not detected	10	Not detected	100
Ethylbenzene			1800	10	140	100
Hexachlorobutadiene			Not detected	10	Not detected	100
Isopropylbenzene			36	10	Not detected	100
Methylene chloride			130 B	10	1100 BJ	100
Naphthalene			23	10	56 J	100
n-Butylbenzene			Not detected	10	Not detected	100
n-Propylbenzene			10	10	8 J	100
o-Xylene			2200	10	300	100

**YORK**

Client Sample ID			SB-8A		SB-9A	
York Sample ID			01060470-03		01060470-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			6500	10	640	100
p-Isopropyltoluene			Not detected	10	9 J	100
sec-Butylbenzene			Not detected	10	Not detected	100
Styrene			67	10	23 J	100
tert-Butylbenzene			7 J	10	Not detected	100
Tetrachloroethylene			280	10	25000	100
Toluene			25	10	81 J	100
trans-1,3-Dichloropropylene			Not detected	10	Not detected	100
Trichloroethylene			85	10	Not detected	100
Trichlorofluoromethane			Not detected	10	Not detected	100
Vinyl chloride			Not detected	100	Not detected	1000

Client Sample ID			TB-8		SB-9E	
York Sample ID			01060470-05		01060470-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			2	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1

**YORK**

Client Sample ID			TB-8		SB-9E	
York Sample ID			01060470-05		01060470-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			48	1	51	1
Naphthalene			41 B	1	6 B	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			2	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

**Notes for York Project No. 01060470**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley  
 Robert Q. Bradley  
 Managing Director

Date: 7/9/2001




# YORK

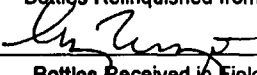
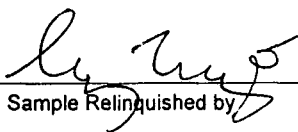
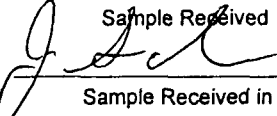
ANALYTICAL LABORATORIES, INC.

## Field Chain-of-Custody Record

ONE RESEARCH DRIVE  
STAMFORD, CT 06906  
(203) 325-1371 FAX (203) 357-0166

<u>Company Name</u> Enviroscience Consultants, Inc	<u>Report To:</u> Greg Menegio	<u>Invoice To:</u> Same	<u>Project ID/No.</u> Former Kliegman Bros.	<u>Samples Collected By (Signature)</u> 
				<u>Name (Printed)</u> Greg Menegio

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)	
			Water	Soil	Air	OTHER			
1	TB-8	6/19/01 0700	X				VOCs by Method 8260	2-40ml HCl	
2	SB-5A	1045		X			↓	1-4oz	
3	SB-5C	1045		X					
4	SB-8A	1300		X					
5	SB-9A	1245		X				MS/MSD	1-4oz
6	SB-9E	6/19/01 1345	X					VOCs by Method 8260	2-40ml HCl
7									

<b>Chain-of-Custody Record</b>					
Bottles Relinquished from Lab by 	Date/Time 6/19/01 0530	Sample Relinquished by 	Date/Time 6/19/01	Sample Received by 	Date/Time 6-19-01/1448
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time

Comments/Special Instructions Cooler / Sample Temp = 4.2°C NYDEC CAT B Deliverables	<b>Turn-Around Time</b> <input checked="" type="checkbox"/> Standard <input type="checkbox"/> RUSH(define)
---	---

# Technical Report

prepared for

**Enviroscience Consultants, Inc.**  
2150 Smithtown Avenue  
Ronkonkoma, NY 11779  
Attention: Mr. Greg Menegio

Report Date: 7/11/2001  
**Re: Client Project ID: Former Kliegman Bros.**  
York Project No.: 01060471

CT License No. PH-0723    New York License No. 10854    Mass. License No. M-CT106    Rhode Island License No. 93    EPA I.D. No. CT00106



**Enviroscience Consultants, Inc.**  
 2150 Smithtown Avenue  
 Ronkonkoma, NY 11779  
 Attention: Mr. Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/19/01. The project was identified as your project "Former Kliegman Bros."

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

## Analysis Results

Client Sample ID			SVE-3A		SVE-3B	
York Sample ID			01060471-01		01060471-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0

**YORK**



Client Sample ID			SVE-3A		SVE-3B	
York Sample ID			01060471-01		01060471-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			97 B	5.0	80 B	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			22	5.0	18	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

**YORK**

Client Sample ID			SVE-3C		SVE-3D	
York Sample ID			01060471-03		01060471-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,3-Trimethylbenzene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	5 J	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
1-Chlorohexane			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	6 J	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	100	Not detected	100
Bromodichloromethane			Not detected	100	Not detected	100
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	100	Not detected	100
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	100	Not detected	100
Chloromethane			Not detected	100	Not detected	100
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			140 B	10	164 B	10
Naphthalene			Not detected	10	Not detected	10
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10

**YORK**

Client Sample ID			SVE-3C		SVE-3D	
York Sample ID			01060471-03		01060471-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	10	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			68	10	70	10
Toluene			5 J	10	15	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	100	Not detected	100

Client Sample ID			TB-7		SVE-3Q1	
York Sample ID			01060471-05		01060471-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	100
1,1,1-Trichloroethane			Not detected	1	75 J	100
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	100
1,1,2-Trichloroethane			Not detected	1	Not detected	100
1,1-Dichloroethane			Not detected	1	Not detected	100
1,1-Dichloroethylene			Not detected	1	13 J	100
1,1-Dichloropropylene			Not detected	1	Not detected	100
1,2,3-Trichlorobenzene			Not detected	1	Not detected	100
1,2,3-Trichloropropane			Not detected	1	Not detected	100
1,2,3-Trimethylbenzene			Not detected	1	Not detected	100
1,2,4-Trichlorobenzene			Not detected	1	Not detected	100
1,2,4-Trimethylbenzene			Not detected	1	37 J	100
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	100
1,2-Dibromoethane			Not detected	1	Not detected	100
1,2-Dichlorobenzene			Not detected	1	Not detected	100
1,2-Dichloroethane			Not detected	1	Not detected	100
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	100
1,2-Dichloropropane			Not detected	1	Not detected	100
1,3,5-Trimethylbenzene			Not detected	1	15 J	100
1,3-Dichlorobenzene			Not detected	1	Not detected	100
1,3-Dichloropropane			Not detected	1	Not detected	100
1,4-Dichlorobenzene			Not detected	1	Not detected	100
1-Chlorohexane			Not detected	1	Not detected	100
2,2-Dichloropropane			Not detected	1	Not detected	100
2-Chlorotoluene			Not detected	1	29 J	100
4-Chlorotoluene			Not detected	1	Not detected	100
Benzene			Not detected	1	28 J	100
Bromobenzene			Not detected	1	Not detected	100
Bromochloromethane			Not detected	1	Not detected	100
Bromodichloromethane			Not detected	1	Not detected	100
Bromoform			Not detected	1	Not detected	100

**YORK**

Client Sample ID			TB-7		SVE-3Q1	
York Sample ID			01060471-05		01060471-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromomethane			Not detected	1	Not detected	100
Carbon tetrachloride			Not detected	1	Not detected	100
Chlorobenzene			Not detected	1	35 J	100
Chloroethane			Not detected	1	Not detected	100
Chloroform			Not detected	1	Not detected	100
Chloromethane			Not detected	1	Not detected	100
cis-1,3-Dichloropropylene			Not detected	1	Not detected	100
Dibromochloromethane			Not detected	1	Not detected	100
Dibromomethane			Not detected	1	Not detected	100
Dichlorodifluoromethane			Not detected	1	Not detected	100
Ethylbenzene			Not detected	1	Not detected	100
Hexachlorobutadiene			Not detected	1	Not detected	100
Isopropylbenzene			Not detected	1	Not detected	100
Methylene chloride			58 B	1	470 B	100
Naphthalene			Not detected	1	Not detected	100
n-Butylbenzene			Not detected	1	Not detected	100
n-Propylbenzene			Not detected	1	26 J	100
o-Xylene			Not detected	1	Not detected	100
p- & m-Xylenes			Not detected	1	Not detected	100
p-Isopropyltoluene			Not detected	1	Not detected	100
sec-Butylbenzene			Not detected	1	Not detected	100
Styrene			Not detected	1	Not detected	100
tert-Butylbenzene			Not detected	1	Not detected	100
Tetrachloroethylene			Not detected	1	30000	100
Toluene			Not detected	1	50 J	100
trans-1,3-Dichloropropylene			Not detected	1	Not detected	100
Trichloroethylene			Not detected	1	Not detected	100
Trichlorofluoromethane			Not detected	1	Not detected	100
Vinyl chloride			Not detected	1	Not detected	100

Client Sample ID			SVE-3Q2		SVE-5Q1	
York Sample ID			01060471-07		01060471-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	25	Not detected	200
1,1,1-Trichloroethane			Not detected	25	Not detected	200
1,1,2,2-Tetrachloroethane			Not detected	25	Not detected	200
1,1,2-Trichloroethane			Not detected	25	Not detected	200
1,1-Dichloroethane			Not detected	25	Not detected	200
1,1-Dichloroethylene			Not detected	25	Not detected	200
1,1-Dichloropropylene			Not detected	25	Not detected	200
1,2,3-Trichlorobenzene			Not detected	25	Not detected	200
1,2,3-Trichloropropane			Not detected	25	Not detected	200
1,2,3-Trimethylbenzene			Not detected	25	Not detected	200
1,2,4-Trichlorobenzene			Not detected	25	Not detected	200
1,2,4-Trimethylbenzene			42 J	25	130 J	200
1,2-Dibromo-3-chloropropane			Not detected	25	Not detected	200
1,2-Dibromoethane			Not detected	25	Not detected	200

**YORK**

Client Sample ID			SVE-3Q2		SVE-5Q1	
York Sample ID			01060471-07		01060471-08	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichlorobenzene			Not detected	25	Not detected	200
1,2-Dichloroethane			Not detected	25	Not detected	200
1,2-Dichloroethylene (Total)			Not detected	25	Not detected	200
1,2-Dichloropropane			Not detected	25	Not detected	200
1,3,5-Trimethylbenzene			14 J	25	140 J	200
1,3-Dichlorobenzene			Not detected	25	Not detected	200
1,3-Dichloropropane			Not detected	25	Not detected	200
1,4-Dichlorobenzene			Not detected	25	Not detected	200
1-Chlorohexane			Not detected	25	Not detected	200
2,2-Dichloropropane			Not detected	25	Not detected	200
2-Chlorotoluene			35	25	160 J	200
4-Chlorotoluene			Not detected	25	Not detected	200
Benzene			Not detected	25	Not detected	200
Bromobenzene			Not detected	25	Not detected	200
Bromochloromethane			Not detected	25	Not detected	200
Bromodichloromethane			Not detected	25	Not detected	200
Bromoform			Not detected	25	Not detected	200
Bromomethane			Not detected	25	Not detected	200
Carbon tetrachloride			Not detected	25	140 J	200
Chlorobenzene			Not detected	25	Not detected	200
Chloroethane			Not detected	25	Not detected	200
Chloroform			Not detected	25	Not detected	200
Chloromethane			Not detected	25	Not detected	200
cis-1,3-Dichloropropylene			Not detected	25	Not detected	200
Dibromochloromethane			Not detected	25	Not detected	200
Dibromomethane			Not detected	25	Not detected	200
Dichlorodifluoromethane			Not detected	25	Not detected	200
Ethylbenzene			Not detected	25	Not detected	200
Hexachlorobutadiene			Not detected	25	Not detected	200
Isopropylbenzene			Not detected	25	Not detected	200
Methylene chloride			95 B	25	920 J	200
Naphthalene			Not detected	25	Not detected	200
n-Butylbenzene			17 J	25	Not detected	200
n-Propylbenzene			21 J	25	110 J	200
o-Xylene			Not detected	25	Not detected	200
p- & m-Xylenes			2 J	25	11 J	200
p-Isopropyltoluene			Not detected	25	Not detected	200
sec-Butylbenzene			Not detected	25	Not detected	200
Styrene			Not detected	25	Not detected	200
tert-Butylbenzene			Not detected	25	Not detected	200
Tetrachloroethylene			2800	25	22000	200
Toluene			5 J	25	46 J	200
trans-1,3-Dichloropropylene			Not detected	25	Not detected	200
Trichloroethylene			Not detected	25	120 J	200
Trichlorofluoromethane			Not detected	25	Not detected	200
Vinyl chloride			Not detected	25	Not detected	200

**YORK**

Client Sample ID			SVE-3E		SVE-3QE	
York Sample ID			01060471-09		01060471-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			Not detected	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			Not detected	1	Not detected	1
Bromoform			Not detected	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			Not detected	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			Not detected	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			51 B	1	59 B	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			Not detected	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1

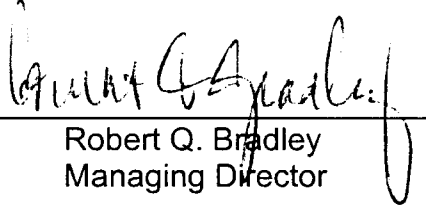
**YORK**

Client Sample ID			SVE-3E		SVE-3QE	
York Sample ID			01060471-09		01060471-10	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			6	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

**Units Key:** For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

**Notes for York Project No. 01060471**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:   
 Robert Q. Bradley  
 Managing Director

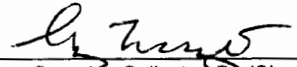
Date: 7/11/2001

# YORK

## Field Chain-of-Custody Record

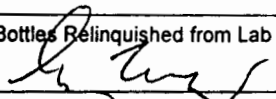
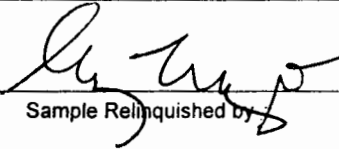
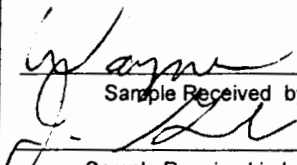


ANALYTICAL LABORATORIES, INC.

ONE RESEARCH DRIVE  
STAMFORD, CT 06906  
(203) 325-1371 FAX (203) 357-0166

<b>Company Name</b> EnviroScience Consultants, Inc.	<b>Report To:</b> Greg Menecio	<b>Invoice To:</b> same	<b>Project ID/No.</b> Former Kliegman Bros	 Samples Collected By (Signature)
				Greg Menecio Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)		
			Water	Soil	Air	OTHER				
1	TB-7	6/18/01 1000	X				VOCs by Method 8260	2-40mL HCl		
2	SVE-3A	↓		X			↓	1-4oz		
3	SVE-3B			X						
4	SVE-3C			X						
5	SVE-3D			X						
6	SVE-3Q1		1150 10 (circled)	X					2-40mL HCl	
7	SVE-3Q2		1240	X				ms/MSD	6-40mL HCl	
8	SVE-5Q1		1530 1530 (circled)	X					2-40mL HCl	
9	SVE-3E		1015	X					2-40mL HCl	
10	SVE-3QE		6/18/01 1200	X					VOCs by Method 8260	2-40mL HCl

**Chain-of-Custody Record**

Bottles Relinquished from Lab by 	Date/Time 6/18/01 0630	Sample Relinquished by 	Date/Time 6/19/01 1000	Sample Received by 	Date/Time 6/19/01 1000
Bottles Received in Field by 	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by 	Date/Time 6-19-01/1600

**Comments/Special Instructions**

NYSPEC CAT BAP Deliverables  
C. 100 Sample Temp = 4.1°C

**Turn-Around Time**

Standard  RUSH (define) \_\_\_\_\_



**YORK**  
ANALYTICAL LABORATORIES, INC.

# Technical Report

prepared for

**Enviroscience Consultants, Inc.**  
2150 Smithtown Avenue  
Ronkonkoma, NY 11779  
Attention: Mr. Greg Menegio

Report Date: 7/16/2001  
**Re: Client Project ID: Former Kliegman**  
York Project No.: 01070087

CT License No. PH-0723    New York License No. 10854    Mass. License No. M-CT106    Rhode Island License No. 93    EPA I.D. No. CT00106



**Enviroscience Consultants, Inc.**  
 2150 Smithtown Avenue  
 Ronkonkoma, NY 11779  
 Attention: Mr. Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 07/03/01. The project was identified as your project "Former Kliegman".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

### Analysis Results

Client Sample ID			Olive Oil	
York Sample ID			01070087-01	
Matrix			LIQUID	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---
1,1,1,2-Tetrachloroethane			Not detected	10
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethylene			Not detected	10
1,1-Dichloropropylene			Not detected	10
1,2,3-Trichlorobenzene			Not detected	10
1,2,3-Trichloropropane			Not detected	10
1,2,3-Trimethylbenzene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2,4-Trimethylbenzene			Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10
1,2-Dibromoethane			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10

**YORK**

Client Sample ID			Olive Oil	
York Sample ID			01070087-01	
Matrix			LIQUID	
Parameter	Method	Units	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3,5-Trimethylbenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,3-Dichloropropane			Not detected	10
1,4-Dichlorobenzene			Not detected	10
1-Chlorohexane			Not detected	10
2,2-Dichloropropane			Not detected	10
2-Chlorotoluene			Not detected	10
4-Chlorotoluene			Not detected	10
Benzene			Not detected	10
Bromobenzene			Not detected	10
Bromochloromethane			Not detected	10
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropylene			Not detected	10
Dibromochloromethane			Not detected	10
Dibromomethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Isopropylbenzene			Not detected	10
Methylene chloride			Not detected	10
Naphthalene			Not detected	10
n-Butylbenzene			Not detected	10
n-Propylbenzene			Not detected	10
o-Xylene			Not detected	10
p- & m-Xylenes			Not detected	10
p-Isopropyltoluene			Not detected	10
sec-Butylbenzene			Not detected	10
Styrene			Not detected	10
tert-Butylbenzene			Not detected	10
Tetrachloroethylene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropylene			Not detected	10
Trichloroethylene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10

**YORK**

Client Sample ID			Capers		Romano	
York Sample ID			01070087-02		01070087-03	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0

**YORK**

Client Sample ID			Capers		Romano	
York Sample ID			01070087-02		01070087-03	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Client Sample ID			Feta		Peperoncini	
York Sample ID			01070087-04		01070087-05	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50

**YORK**

Client Sample ID			Feta		Pepperoncini	
York Sample ID			01070087-04		01070087-05	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Client Sample ID			Garlic	
York Sample ID			01070087-06	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0

**YORK**

<b>Client Sample ID</b>			<b>Garlic</b>	
<b>York Sample ID</b>			<b>01070087-06</b>	
<b>Matrix</b>			<b>SOLID</b>	
<b>Parameter</b>	<b>Method</b>	<b>Units</b>	<b>Results</b>	<b>MDL</b>
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
1-Chlorohexane			Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	50
Bromodichloromethane			Not detected	50
Bromoform			Not detected	5.0
Bromomethane			Not detected	50
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	50
Chloromethane			Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methylene chloride			Not detected	5.0
Naphthalene			Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes			Not detected	5.0
p-Isopropyltoluene			Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	50

**Units Key:**

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

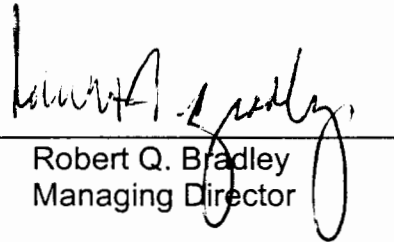
**YORK**

Report Date: 7/16/2001  
Client Project ID: Former Kliegman  
York Project No.: 01070087

**Notes for York Project No. 01070087**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: \_\_\_\_\_

  
Robert Q. Bradley  
Managing Director

Date: 7/16/2001

**YORK**

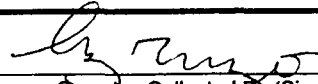


# YORK

ANALYTICAL LABORATORIES, INC.

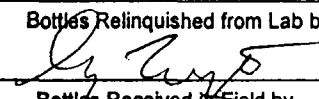
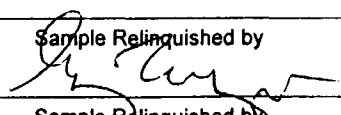
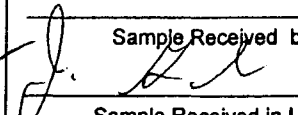
ONE RESEARCH DRIVE  
STAMFORD, CT 06906  
(203) 325-1371 FAX (203) 357-0166

## Field Chain-of-Custody Record

<u>Company Name</u> Envirosience Consultants	<u>Report To:</u> Greg Menegio	<u>Invoice To:</u> same	<u>Project ID/No.</u> Former Kliegman Bros.	<u>Samples Collected By (Signature)</u> 
				<u>Name (Printed)</u> Greg Menegio

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
1	Olive oil	7/3/01 1330				Aqueous	VOCs by 8260	2-4oz <sup>no HC1</sup>
2	Capers	↓ 1335				Solid	↓	1-8oz
3	Romano	↓ 1340				Solid		1-8oz
4	Feta	↓ 1345				Solid		1-8oz
5	Pepperonemi	7/3/01 1350				Solid		VOCs by 8260
6	Garlic	7/3/01 1400				Solid	VOCs by 8260	2-4oz <del>1-8oz</del> (initials) 7/3/01

**Chain-of-Custody Record**

<u>Bottles Relinquished from Lab by</u> 	<u>Date/Time</u> 7/3/01 0800	<u>Sample Relinquished by</u> 	<u>Date/Time</u> 7/3/01 1515	<u>Sample Received by</u> 	<u>Date/Time</u> 7-3-01/1515
<u>Bottles Received in Field by</u>	<u>Date/Time</u>	<u>Sample Relinquished by</u>	<u>Date/Time</u>	<u>Sample Received in LAB by</u>	<u>Date/Time</u>

<u>Comments/Special Instructions</u> Results only -	<u>Turn-Around Time</u> <input checked="" type="checkbox"/> Standard <input type="checkbox"/> RUSH(define) _____
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# YORK

ANALYTICAL LABORATORIES, INC.

## Technical Report

prepared for

**Enviroscience Consultants, Inc.**  
2150 Smithtown Avenue  
Ronkonkoma, NY 11779  
Attention: Mr. Greg Menegio

Report Date: 7/23/2001  
**Re: Client Project ID: Former Kliegman Bros.**  
York Project No.: 01070255

CT License No. PH-0723    New York License No. 10854    Mass. License No. M-CT106    Rhode Island License No. 93    EPA I.D. No. CT00106



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ONE RESEARCH DRIVE

STAMFORD, CT 06906

(203) 325-1371

FAX (203) 357-0166

**Enviroscience Consultants, Inc.**  
 2150 Smithtown Avenue  
 Ronkonkoma, NY 11779  
 Attention: Mr. Greg Menegio

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 07/11/01. The project was identified as your project "Former Kliegman Bros. ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

## Analysis Results

Client Sample ID			SB-6/3-4		SB-4/3-4	
York Sample ID			01070255-01		01070255-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0

**YORK**

Client Sample ID			SB-6/3-4		SB-4/3-4	
York Sample ID			01070255-01		01070255-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			30	5.0	43	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

**YORK**

Client Sample ID			SB-4/6-7		SB-22/11-12	
York Sample ID			01070255-03		01070255-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			2 J (cis-)	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0

**YORK**

Client Sample ID			SB-4/6-7		SB-22/11-12	
York Sample ID			01070255-03		01070255-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			690	5.0	120	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			4 J	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Client Sample ID			SB-16/10-11		SB-16/6-7	
York Sample ID			01070255-05		01070255-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0

**YORK**

Client Sample ID			SB-16/10-11		SB-16/6-7	
York Sample ID			01070255-05		01070255-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	Not detected	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			30	5.0	27	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Client Sample ID			SB-16/11-12		SB-12/5-6	
York Sample ID			01070255-07		01070255-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	1 J	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	1 J	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	2 J	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	50	6 J	50
Chloromethane			Not detected	50	Not detected	50

**YORK**



Client Sample ID			SB-16/11-12		SB-12/5-6	
York Sample ID			01070255-07		01070255-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	47 B	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	1 J	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			980	5.0	2000	5.0
Toluene			Not detected	5.0	3 J	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			7	5.0	5 J	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Client Sample ID			SB-22/3-4A		SB-22/3-4C	
York Sample ID			01070255-09		01070255-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0

**YORK**

Client Sample ID			SB-22/3-4A		SB-22/3-4C	
York Sample ID			01070255-09		01070255-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			1 J	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			6 J	50	6 J	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			71 B	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			190	5.0	220	5.0
Toluene			2 J	5.0	2 J	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			2 J	5.0	2 J	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

**YORK**

Client Sample ID			EB-3/3-4		EB-3/6-7	
York Sample ID			01070255-11		01070255-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	1 J	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			4 J	5.0	5	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	50	Not detected	50
Bromodichloromethane			Not detected	50	Not detected	50
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	50	Not detected	50
Carbon tetrachloride			1 J	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			7 J	50	5 J	50
Chloromethane			Not detected	50	Not detected	50
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			82 B	5.0	69 B	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0

**YORK**

Client Sample ID			EB-3/3-4		EB-3/6-7	
York Sample ID			01070255-11		01070255-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			1400	5.0	38	5.0
Toluene			2 J	5.0	3 J	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			2 J	5.0	1 J	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	50	Not detected	50

Client Sample ID			EB-4/5-6		EB-4/11-12	
York Sample ID			01070255-13		01070255-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1000	Not detected	5.0
1,1,1-Trichloroethane			Not detected	1000	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	1000	Not detected	5.0
1,1,2-Trichloroethane			Not detected	1000	Not detected	5.0
1,1-Dichloroethane			Not detected	1000	Not detected	5.0
1,1-Dichloroethylene			Not detected	1000	Not detected	5.0
1,1-Dichloropropylene			Not detected	1000	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	1000	Not detected	5.0
1,2,3-Trichloropropane			Not detected	1000	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	1000	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	1000	Not detected	5.0
1,2,4-Trimethylbenzene			1400	1000	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	1000	Not detected	5.0
1,2-Dibromoethane			Not detected	1000	Not detected	5.0
1,2-Dichlorobenzene			Not detected	1000	Not detected	5.0
1,2-Dichloroethane			Not detected	1000	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	1000	Not detected	5.0
1,2-Dichloropropane			Not detected	1000	Not detected	5.0
1,3,5-Trimethylbenzene			4200	1000	4 J	5.0
1,3-Dichlorobenzene			Not detected	1000	Not detected	5.0
1,3-Dichloropropane			Not detected	1000	Not detected	5.0
1,4-Dichlorobenzene			Not detected	1000	Not detected	5.0
1-Chlorohexane			Not detected	1000	Not detected	5.0
2,2-Dichloropropane			Not detected	1000	Not detected	5.0
2-Chlorotoluene			Not detected	1000	Not detected	5.0
4-Chlorotoluene			Not detected	1000	Not detected	5.0
Benzene			43 J	1000	Not detected	5.0
Bromobenzene			Not detected	1000	Not detected	5.0
Bromochloromethane			Not detected	10000	Not detected	50
Bromodichloromethane			Not detected	10000	Not detected	50
Bromoform			Not detected	1000	Not detected	5.0

**YORK**

Client Sample ID			EB-4/5-6		EB-4/11-12	
York Sample ID			01070255-13		01070255-14	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Bromomethane			Not detected	10000	Not detected	50
Carbon tetrachloride			Not detected	1000	Not detected	5.0
Chlorobenzene			Not detected	1000	Not detected	5.0
Chloroethane			Not detected	1000	Not detected	5.0
Chloroform			750 J	10000	6 J	50
Chloromethane			Not detected	10000	Not detected	50
cis-1,3-Dichloropropylene			Not detected	1000	Not detected	5.0
Dibromochloromethane			Not detected	1000	Not detected	5.0
Dibromomethane			Not detected	1000	Not detected	5.0
Dichlorodifluoromethane			Not detected	1000	Not detected	5.0
Ethylbenzene			20 J	1000	Not detected	5.0
Hexachlorobutadiene			Not detected	1000	Not detected	5.0
Isopropylbenzene			Not detected	1000	Not detected	5.0
Methylene chloride			10000 B	1000	70 B	5.0
Naphthalene			Not detected	1000	Not detected	5.0
n-Butylbenzene			150 J	1000	Not detected	5.0
n-Propylbenzene			140 J	1000	Not detected	5.0
o-Xylene			240 J	1000	Not detected	5.0
p- & m-Xylenes			360 J	1000	Not detected	5.0
p-Isopropyltoluene			29 J	1000	Not detected	5.0
sec-Butylbenzene			Not detected	1000	Not detected	5.0
Styrene			Not detected	1000	Not detected	5.0
tert-Butylbenzene			Not detected	1000	Not detected	5.0
Tetrachloroethylene			1400000	1000	2100	5.0
Toluene			490 J	1000	2 J	5.0
trans-1,3-Dichloropropylene			Not detected	1000	Not detected	5.0
Trichloroethylene			180 J	1000	2 J	5.0
Trichlorofluoromethane			Not detected	1000	Not detected	5.0
Vinyl chloride			35 J	10000	Not detected	50

Client Sample ID			TB-7/10		FB-7/10	
York Sample ID			01070255-15		01070255-16	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
<b>Volatiles-8260 list</b>	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,1-Trichloroethane			Not detected	1	Not detected	1
1,1,2,2-Tetrachloroethane			Not detected	1	Not detected	1
1,1,2-Trichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethane			Not detected	1	Not detected	1
1,1-Dichloroethylene			Not detected	1	Not detected	1
1,1-Dichloropropylene			Not detected	1	Not detected	1
1,2,3-Trichlorobenzene			Not detected	1	Not detected	1
1,2,3-Trichloropropane			Not detected	1	Not detected	1
1,2,3-Trimethylbenzene			Not detected	1	Not detected	1
1,2,4-Trichlorobenzene			Not detected	1	Not detected	1
1,2,4-Trimethylbenzene			Not detected	1	Not detected	1
1,2-Dibromo-3-chloropropane			Not detected	1	Not detected	1
1,2-Dibromoethane			Not detected	1	Not detected	1

**YORK**

Client Sample ID			TB-7/10		FB-7/10	
York Sample ID			01070255-15		01070255-16	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichlorobenzene			Not detected	1	Not detected	1
1,2-Dichloroethane			Not detected	1	Not detected	1
1,2-Dichloroethylene (Total)			Not detected	1	Not detected	1
1,2-Dichloropropane			Not detected	1	Not detected	1
1,3,5-Trimethylbenzene			Not detected	1	Not detected	1
1,3-Dichlorobenzene			Not detected	1	Not detected	1
1,3-Dichloropropane			Not detected	1	Not detected	1
1,4-Dichlorobenzene			Not detected	1	Not detected	1
1-Chlorohexane			Not detected	1	Not detected	1
2,2-Dichloropropane			Not detected	1	Not detected	1
2-Chlorotoluene			Not detected	1	Not detected	1
4-Chlorotoluene			Not detected	1	Not detected	1
Benzene			4	1	Not detected	1
Bromobenzene			Not detected	1	Not detected	1
Bromochloromethane			Not detected	1	Not detected	1
Bromodichloromethane			1	1	Not detected	1
Bromoform			1	1	Not detected	1
Bromomethane			Not detected	1	Not detected	1
Carbon tetrachloride			Not detected	1	Not detected	1
Chlorobenzene			Not detected	1	Not detected	1
Chloroethane			Not detected	1	Not detected	1
Chloroform			Not detected	1	Not detected	1
Chloromethane			Not detected	1	Not detected	1
cis-1,3-Dichloropropylene			Not detected	1	Not detected	1
Dibromochloromethane			2	1	Not detected	1
Dibromomethane			Not detected	1	Not detected	1
Dichlorodifluoromethane			Not detected	1	Not detected	1
Ethylbenzene			3	1	Not detected	1
Hexachlorobutadiene			Not detected	1	Not detected	1
Isopropylbenzene			Not detected	1	Not detected	1
Methylene chloride			Not detected	1	Not detected	1
Naphthalene			Not detected	1	Not detected	1
n-Butylbenzene			2	1	Not detected	1
n-Propylbenzene			Not detected	1	Not detected	1
o-Xylene			Not detected	1	Not detected	1
p- & m-Xylenes			Not detected	1	Not detected	1
p-Isopropyltoluene			Not detected	1	Not detected	1
sec-Butylbenzene			Not detected	1	Not detected	1
Styrene			Not detected	1	Not detected	1
tert-Butylbenzene			Not detected	1	Not detected	1
Tetrachloroethylene			Not detected	1	Not detected	1
Toluene			Not detected	1	Not detected	1
trans-1,3-Dichloropropylene			Not detected	1	Not detected	1
Trichloroethylene			Not detected	1	Not detected	1
Trichlorofluoromethane			Not detected	1	Not detected	1
Vinyl chloride			Not detected	1	Not detected	1

Units Key:

For Waters/Liquids: mg/L = ppm ; ug/L = ppb

For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

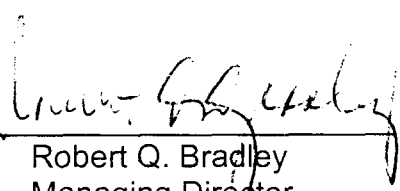
**YORK**

Report Date: 7/23/2001  
Client Project ID: Former Kliegman  
York Project No.: 01070255

**Notes for York Project No. 01070255**

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By:



Robert Q. Bradley  
Managing Director

Date: 7/23/2001

**YORK**

# YORK

ANALYTICAL LABORATORIES, INC.

## Field Chain-of-Custody Record

ONE RESEARCH DRIVE  
STAMFORD, CT 06906  
(203) 325-1371 FAX (203) 357-0166

<u>Company Name</u> Enviroscience Consultants, Inc.	<u>Report To:</u> Greg Meneygo	<u>Invoice To:</u> same	<u>Project ID/No.</u> Farmer Klugman Bros.	<u>Samples Collected By (Signature)</u> 
				<u>Name (Printed)</u> Greg Meneygo

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
1	TB-9/10	7/10/01	X				VOCs by method 8260	2-40ml HCl
2	SB-6/3-4	↓		X			↓	1-40z
3	SB-4/3-4		X					
4	SB-4/6-7		X					
5	SB-22/11-12		X					
6	SB-16/10-11		X					
7	SB-16/6-7		X					
8	SB-16/11-12		X			MS/MSD		
9	SB-12/5-6		X					
10	SB-22/3-4A		7/10/01	X				VOCs by method 8260

<u>Chain-of-Custody Record</u>	<u>Bottles Relinquished from Lab by</u> 	<u>Date/Time</u> 7/10/01 0600	<u>Sample Relinquished by</u> 	<u>Date/Time</u> 7/11/01	<u>Sample Received by</u> 	<u>Date/Time</u> 7/11/01 1130
	<u>Bottles Received in Field by</u> 	<u>Date/Time</u> 7/10/01 0600	<u>Sample Relinquished by</u> 	<u>Date/Time</u> 7-11-01/1800	<u>Sample Received in LAB by</u> 	<u>Date/Time</u> 7-11-01/1800

Comments/Special Instructions NYSDEL CAT B Deliverables Cooler Temp = 4.3°C

Turn-Around Time  
 Standard  RUSH(define) \_\_\_\_\_

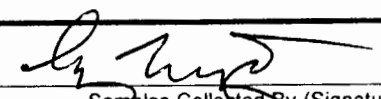


# YORK

ANALYTICAL LABORATORIES, INC.

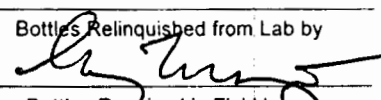
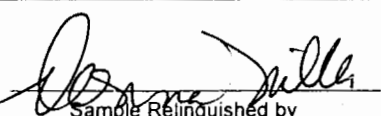
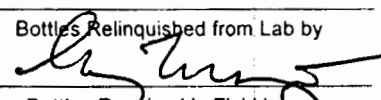
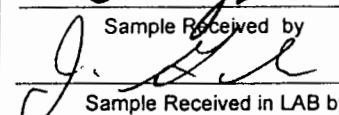
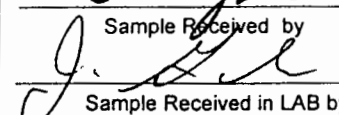
## Field Chain-of-Custody Record

ONE RESEARCH DRIVE  
STAMFORD, CT 06906  
(203) 325-1371 FAX (203) 357-0166

<u>Company Name</u> Environmental Consultants, Inc.	<u>Report To:</u> Greg Mena	<u>Invoice To:</u> same	<u>Project ID/No.</u> Former Krieger Bros.	<u>Samples Collected By (Signature)</u> 
				<u>Name (Printed)</u> Greg Mena

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
11	SB-22/3-4C	7/10/01		X			VOCs by Method 8260	1-462
12	EB-3/3-4	↓		X			↓	↓
13	EB-3/6-7			X				
14	EB-4/5-6			X				
15	EB-4/11-12			X				
16	FB-9/10	7/10/01	X				VOCs by Method 8260	2-4, incl. H <sub>2</sub>

### Chain-of-Custody Record

<u>Bottles Relinquished from Lab by</u> 	<u>Date/Time</u> 7/10/01	<u>Sample Relinquished by</u> 	<u>Date/Time</u> 7/11/01	<u>Sample Received by</u> Wayne	<u>Date/Time</u> 7/11/01 1130
<u>Bottles Received in Field by</u> 	<u>Date/Time</u> 7/10/01	<u>Sample Relinquished by</u> 	<u>Date/Time</u> 7-11-01/1800	<u>Sample Received in LAB by</u> 	<u>Date/Time</u> 7-11-01/1800

Comments/Special Instructions  
NYSDEC CAT B Deliverables Cooler Temp = 4.3°C

Turn-Around Time  
Standard RUSH(define)