

**ADDITIONAL INVESTIGATION
REPORT**

**LEICA, INC. SITE
CHEEKTOWAGA, NEW YORK**

Prepared for:

Leica

LEICA, INC.

OPTICAL PRODUCTS DIVISION
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915

JULY 1998
REVISED SEPTEMBER 1998

ADDITIONAL INVESTIGATION REPORT

Leica, Inc. Site
Cheektowaga, New York

Prepared for:

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July 1998

Revised September 1998

<u>Project Application</u>	<u>Prepared By</u>	<u>Date</u>
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Approvals

<u>Title</u>	<u>Signature</u>	<u>Date</u>
Section Manager – Hydrogeology		9/15/98

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1. INTRODUCTION

Leica Microsystems, Inc. (Leica) contracted NES, Inc. (NES) to conduct an additional investigation at the former Leica, Inc. Site in Cheektowaga, New York (the "site"). NES proposed the additional investigation in the document Additional Investigation and Proposed Remedial Action Work Plan, dated March 3, 1998 (the "Work Plan"). The New York State Department of Environmental Conservation (NYSDEC) approved the additional investigation portion of the Work Plan by letter dated March 9, 1998. The purpose of this investigation was to: 1) determine if additional remedial efforts are required within the Supplemental Area C; 2) determine the lateral extent of contamination in Area C; and 3) obtain information regarding soil organic content which is used to adjust the Remedial Action Objectives (RAOs). This document reports the results of the additional investigation. This document was originally published in July 1998 and has been revised to include analytical results from additional soil samples collected on July 27, 1998.

2. SITE DESCRIPTION

The site is located in Cheektowaga, New York (Figure 2-1). Previous site investigations indicate that the subsurface has been contaminated with chlorinated and aromatic hydrocarbons as a result of past operations at the facility. Three separate areas of contamination were identified: the former drum storage area, the northeastern source area, and the southeastern area. These areas are designated Areas A, B, and C, respectively, as shown of Figure 2-2. Supplemental Area C is adjacent to Area C. The contaminants of concern consist of the chlorinated hydrocarbons: vinyl chloride, 1,1-dichloroethene, 1,2-dichloroethene (cis and trans), 1,1-dichloroethane, 1,2-dichloroethane, trichloroethene, and 1,1,1-trichloroethane and the aromatic hydrocarbons: benzene, toluene, ethyl benzene, and xylenes (BTEX).

3. FIELD SAMPLING ACTIVITY

NES collected soil samples from borings advanced north of Area B and within the Supplemental Area C during the week of March 23, 1998 (First Sampling Event) and subsequently on July 27, 1998 (Second Sampling Event). Select samples were analyzed for Volatile Organic Compounds (VOCs) using EPA Method 8260 and Total Organic Carbon (TOC) using NYSDEC Technical Assistance Guidance Manual (TAGM) Method 4060.

During the First Sampling Event, a total of 22 borings were advanced and 133 soil samples were collected. The soil samples were collected continuously as the borings were advanced. A total of 66 of these soil samples were selected for analysis of VOCs and 9 soil samples were selected for analysis of TOC.

During the Second Sampling Event, a total of 11 borings were advanced and 45 samples were collected. The soil samples were collected continuously as the borings were advanced. A total of 27 of these soil samples were selected for analysis of VOCs.

3.1 SOIL BORING ADVANCEMENT

A total of 31 soil borings were advanced within the Supplemental Area C and 2 soil borings were advanced north of Area B. All borings, except one (B-4), were advanced to bedrock, approximately 14

feet below grade level. Copies of the NES boring logs are included in Appendix A. Boring locations selected to characterize the areas north of Area B and the Supplemental Area C are depicted on Figures 3-1 and 3-2. Soil borings were advanced using either hollow stem rotary auger or direct push drilling techniques. Samples were collected, labeled, handled, and analyzed according to the Work Plan.

3.2 SUBSURFACE CLASSIFICATION

Previous site investigations have identified four distinct units in the overburden of the proposed remedial areas. Beneath an initial layer of asphalt lies a 2 to 5 foot thick fill layer comprised of disturbed native soils, sand, gravel, and assorted building debris. Beneath the fill is a 5 to 9 foot thick lake sediment layer consisting of a varved, red-brown clay and silt with minor amounts of sand and fine gravel, and a laboratory determined permeability of approximately 1×10^{-8} cm/sec. Beneath the lake sediments is a 2 to 8 foot thick saturated silt and sand layer and beneath the sand/silt layer is a thin, densely compacted glacial till layer which lies directly on the carbonate bedrock.

During soil boring activities, soil samples were collected for careful inspection by the NES on-site geologist to determine soil classification. The following observations were recorded. Within the area of Supplemental Area C, an interval of fill and debris ranging from 1 to 4 feet in thickness is underlain by a dry to barely moist, red/brown, stiff, hard clay and silt. In some areas, the fill material (fill layer) contains dark-stained soil with a petroleum odor. The varved clay layer (clay layer), identified as native soils in previous investigations, extends to a depth of approximately 11 to 14 feet below grade level. The clay is firm and stiff with little or no odor. Beneath the clay, a 1-foot layer of a wet, gray, loose, fine to medium sandy silt is present (sandy-silt layer (ss)). The sandy silt layer, in certain areas, also contained a petroleum odor. The top of carbonate bedrock was encountered from 12 to 15 feet below grade level. The thin glacial till layer identified during previous investigations was not observed during the supplemental investigation.

4. SAMPLING RESULTS AND RECOMMENDATIONS

The results of the field exploration and laboratory analyses are summarized in this section. The results are compared to the applicable RAOs required for the site.

Of the 178 soil samples collected, 93 soil samples were selected for analysis of VOCs using EPA Method 8260 and 9 soils samples were selected for analysis of TOC using TAGM Method 4060. As described in the Work Plan, samples were screened using a Photoionization Detector (PID) and samples with the highest PID readings (within the same soil type and/or contamination lens) were analyzed for VOCs. Therefore, the analytical results provide a conservative representation of the subsurface contamination.

4.1 FIELD SCREENING RESULTS

PID response results presented on the boring logs in Appendix A were generally less than 10-meter units except in the following samples:

Boring Number	Sample Interval (feet below grade)	PID Reading (Meter Units)	Material Type
B-2	0 - 4.6	924	Fill

B-2	4.6 - 9	32.4	Clay*
B-2	9 - 13.3	257	Silt
B-3	0.5 - 3.5	84.4	Fill
B-4	0 - 4**	19	Fill
B-5	0 - 4	32.3	Fill
B-9	0 - 5.5	59.4	Fill
B-9	10 - 12	49.7	Silt
B-9	14 - 15.3	49.7	Silt
B-14	9 - 10	21.5	Silt
B-17	6 - 8	22.2	Clay (Top)
B-19	4 - 6	24.1	Fill
B-21	0 - 4	23.7	Fill
B-21	4 - 5	59.8	Fill
B-24	8 - 12	59.7	Silt
B-27	4.5 - 5.8	15.7	Silt/Clay
B-27	8 - 12	17.8	Silt
B-27	12 - 13.5	39.8	Silt
B-29	0 - 4	15.9	Fill
B-29	4 - 8	11.7	Clay
B-29	8 - 12	85.7	Silt

* Elevated PID reading is from contamination above.

** Boring B-4 ended at 4 feet below grade; no PID results are available for Boring B-20.

4.2 TOC RESULTS

TOC concentrations of site soils were determined by analysis of 9 soil samples for TOC. During the investigation, 3 distinct soil types were encountered: fill material, clay material, and sandy/silt material. Three samples of each soil type were analyzed. In the past, two other samples were collected and analyzed for TOC in June 1997 by NES, and three samples from previous investigations were analyzed for TOC by previous consultants. Table 4-1 tabulates the analytical results of the TOCs for the various soil types. The average TOC concentration of the fill material is approximately 4.0%. The average TOC concentration of the clay material is approximately 1.5%. The average TOC concentration of the sandy/silt material is approximately 2.0%.

As discussed in Appendix A of the NYSDEC Technical Assistance Guidance Manual, dated November 16, 1992, the soil cleanup objective should be adjusted for the actual TOC if different than 1%. These results indicate that the RAO criteria (TAGM RAO) should be adjusted using the formula provided in the NYSDEC TAGM to account for the percentage of organic carbon present in the various soil types.

*Need to base
on TAGM number the
and not original RAO
which was already
raised.*

Included in Table 4-1 are the RAOs adjusted for the TOC for each material type (Site Adjusted RAOs). Analytical VOC data are compared to the RAOs and site adjusted RAOs below.

4.3 VOC ANALYTICAL RESULTS

The analytical results, presented on Table 4-2, indicate that the contaminated soil layers above and beneath the clay layer (the fill layer and sandy silt layer, respectively) extend to the west and northeast of the original Area C designation.

4.4 WEST - NORTHWEST OF AREA C

The analytical results of borings B-6 through B-12, B-17, B-20, B-25, and B-26 indicate that contamination at concentrations above the RAOs (including the Site Adjusted RAOs) extends beyond 40 feet west of Area C (Figure 4-1). The western extent of contamination was not fully delineated because analytical results indicated the presence of contamination at B-26, the western most sample. Table 4-3 tabulates the analytical results of the RAO constituents for the listed borings.

4.5 NORTH - NORTHEAST OF AREA C

The analytical results of borings B-1 through B-5, B-18, B-19, B-21 through B-24, and B-27 through B-31 indicate that the contamination to the northeast of Area C extends beyond its previously estimated boundary. However, due to an existing storage shed, NES could not advance additional borings northeast of this area during field activities. Thus, the extent of contamination was not fully delineated to the north of the shed or beneath and to the east of the shed. Table 4-4 tabulates the analytical results of the RAO constituents for the listed borings.

The concentrations of total xylene within the fill layer of borings B-1 and B-19 are greater than the TAGM RAO of 1.2 ppm. When the RAO for xylene is adjusted to account for the TOC (4.0 %), the concentrations within the borings are less than the Site Adjusted RAO for total xylene (4.8 ppm in the fill layer) as calculated in Table 4-1.

Similarly, the concentration of total trichloroethene (TCE) within the fill layer of boring B-22 is greater than the TAGM RAO of 1 ppm. When the RAO for TCE is adjusted to account for the TOC (4.0%), the concentration within the boring is less than the Site Adjusted RAO for TCE (2.52 ppm in the fill layer) as calculated in Table 4-1.

4.6 SOUTH OF AREA C

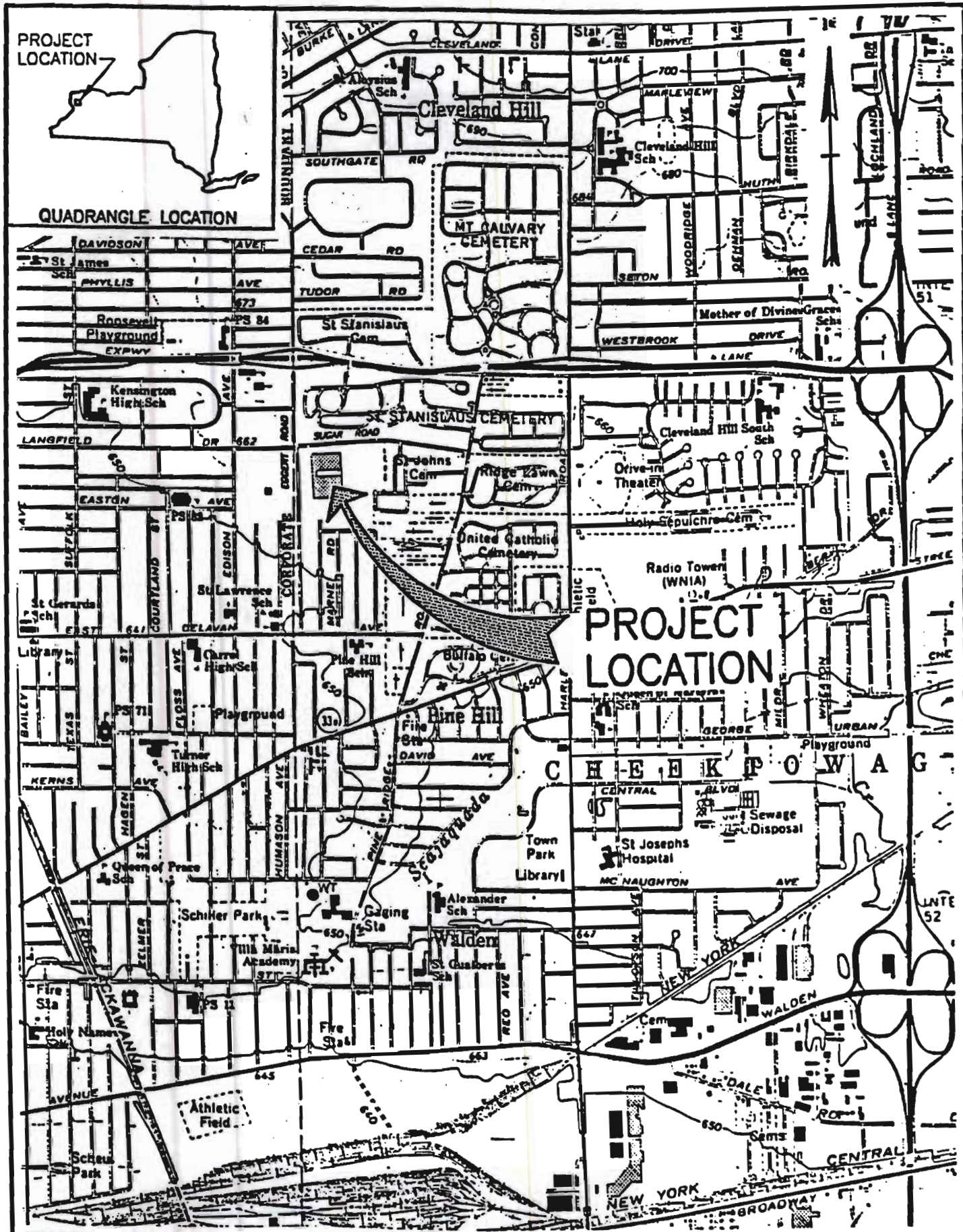
The analytical results of borings B-14, B-15, and B-16 indicate that no contamination exists over the TAGM RAO threshold south of Area C. No further investigation is required south of Area C. Table 4-5 tabulates the analytical results of the RAO constituents for borings B-14, B-15, and B-16.

4.7 NORTH OF AREA B

During the First Sampling Event, time was available to investigate the area north of Area B. Previous investigations did not indicate whether the area north of the Area B was contaminated. NES advanced two borings in this area as illustrated on Figure 3-2. The analytical results of these borings, AB-1 and AB-2, indicate that no contamination exists over the TAGM RAO threshold north of Area B. Table 4-6 tabulates the analytical results of the RAO constituents for borings AB-1 and AB-2.

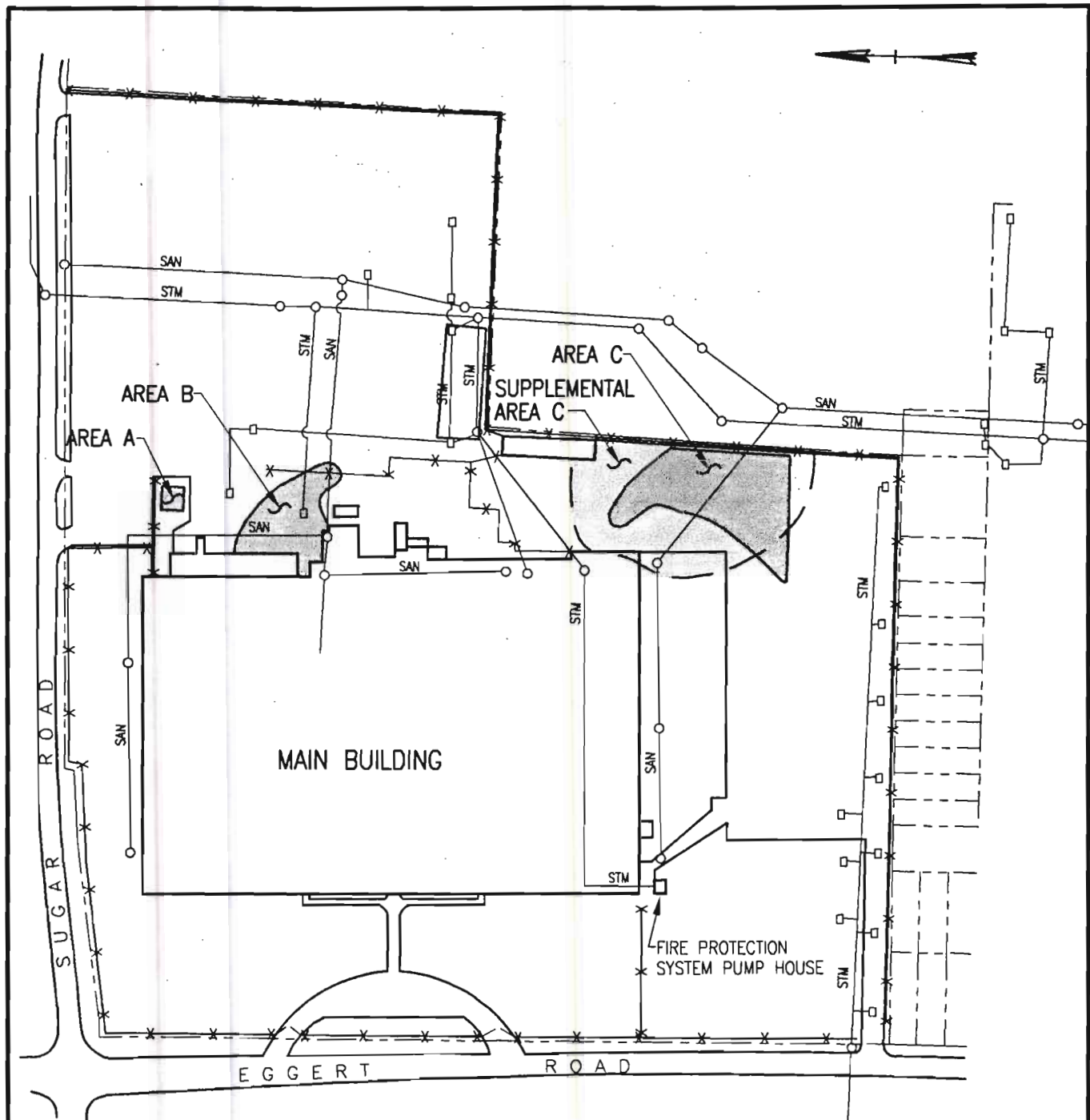
4.8 RECOMMENDATIONS

The limits of contamination have been satisfactorily delineated to the north and south of Area C and to the north of Area B. The limits of contamination, however, have not been conclusively determined to the northeast and west of Area C. NES believes that enough information has been collected to estimate the limits of contamination in those areas (northeast and west of Area C). NES proposes to investigate these areas during the installation phase of the remedial system.



DOCUMENT CONTROL NO.	PROJECT	LEICA, INC. EGGERT & SUGAR ROADS CHEEKTOWAGA, NEW YORK	PROJECT # 3948-100
REVISION NO.	DRAWING	SITE VICINITY MAP U.S.G.S. QUADRANGLE: BUFFALO, NY NE	FILENAME: 3948100A
			SCALE: NTS
			DATE: 2/25/98
			BY: AD
			FIGURE # 2-1

nes
NES, Inc.
44 Shafter Road
Danbury, CT 06810
(203) 796-5000



LEGEND:

- PROPERTY LINE
- *-* FENCE
- MANHOLE
- CATCH BASIN
- SAN SANITARY LINE
- STM STORM LINE

DOCUMENT CONTROL NO.	PROJECT	LEICA, INC. EGGERT & SUGAR ROADS CHEEKTOWAGA, NEW YORK	 NES, Inc. 44 Shelter Rock Road Danbury, CT 06810 (203) 798-5000	PROJECT # 3948-100
REVISION NO.	DRAWING	SITE PLAN		FILENAME: 3948100A SCALE: 1"=200' DATE: 4/9/98 BY: AD CK: MC
				FIGURE # 2-2

REVISION NO.	PROJECT		DRAWING
	LEICA, INC. EGGERT & SUGAR ROADS CHEEKTOWAGA, NEW YORK		
AREA B		BORING LOCATION MAP	

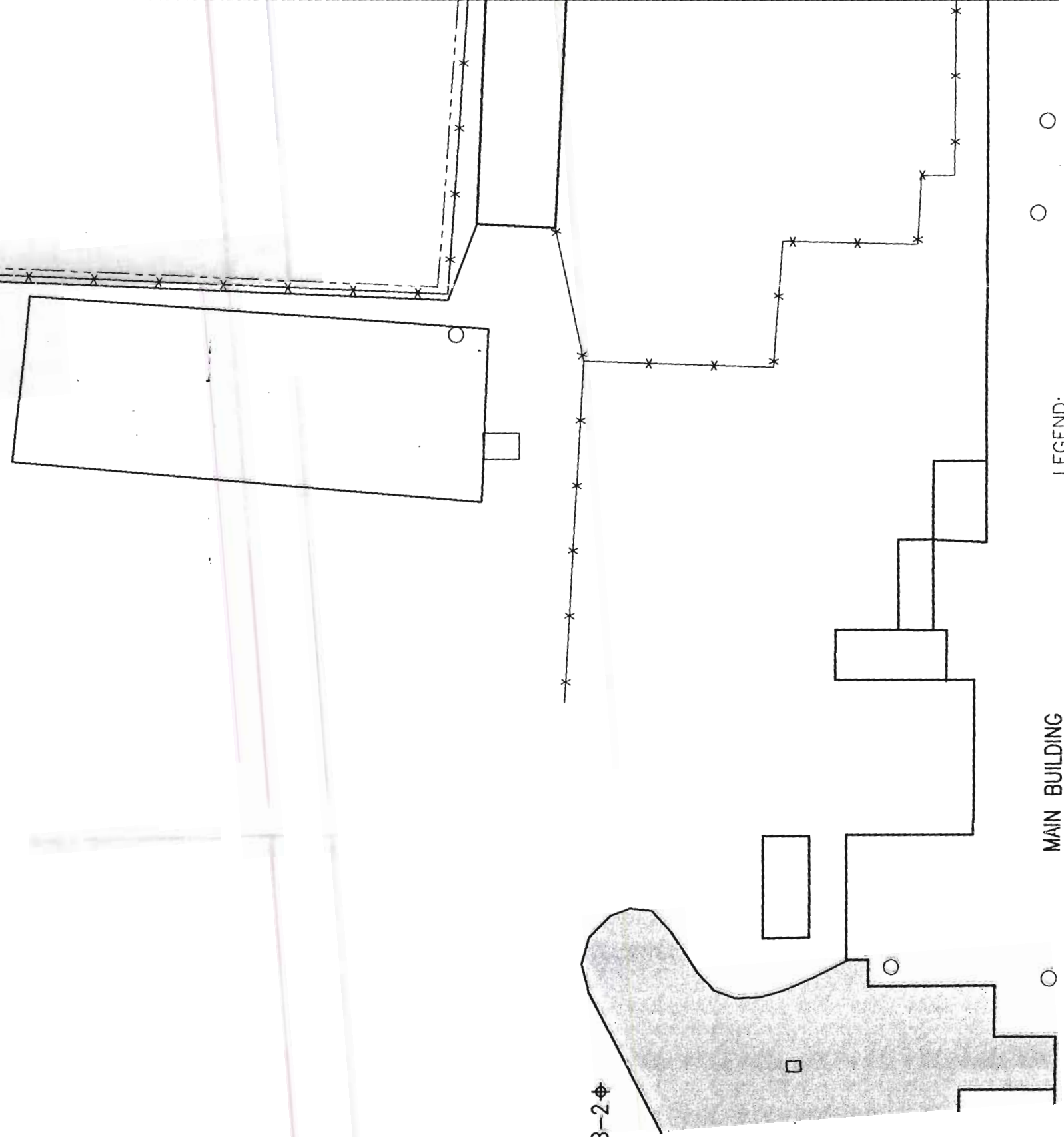
nes

NES, Inc.
 44 Shelter Rock Road
 Danbury, CT 06810
 (203) 796-5000

PROJECT NO.:

3948-100

FILE NAME:



LEGEND:

MAIN BUILDING

3-2Φ



Redd
3-2-1A
4-1A

NOTE:

4 SHALLOW WELLS
NO DEEP WELLS

NOTE:

50 SHALLOW WELLS
15 DEEP WELLS

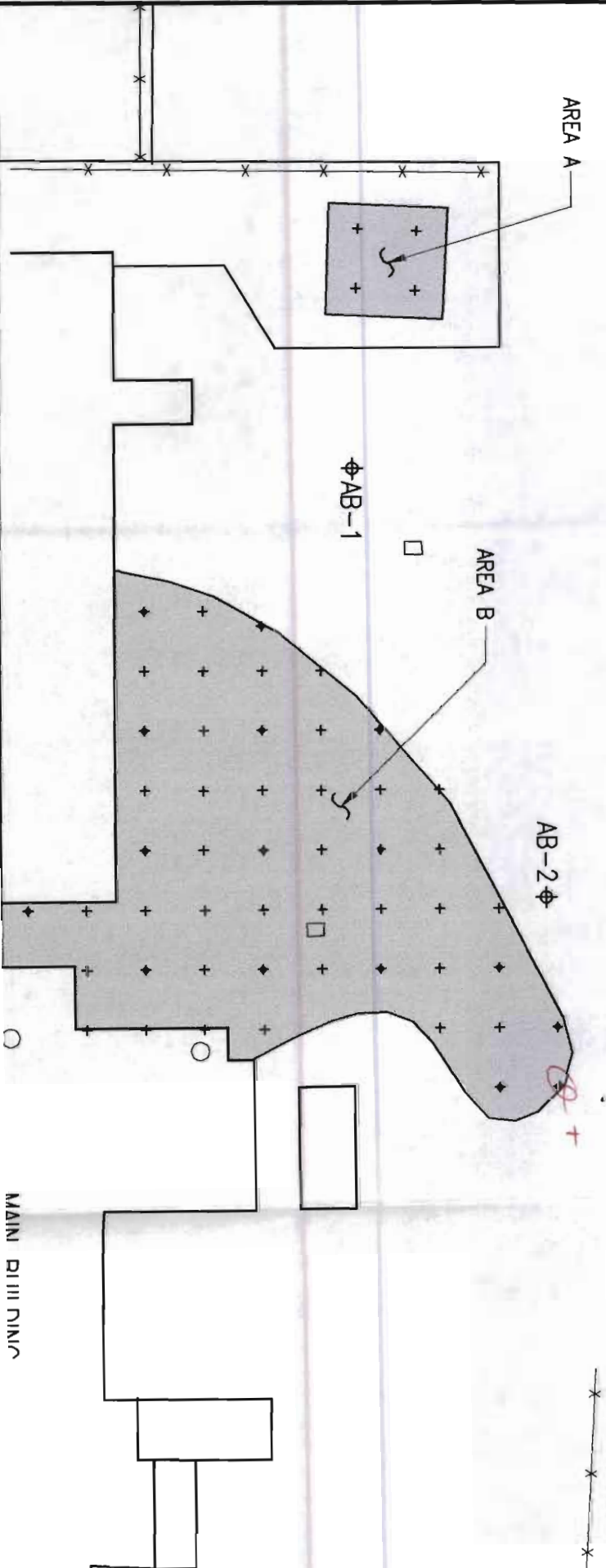
AREA A

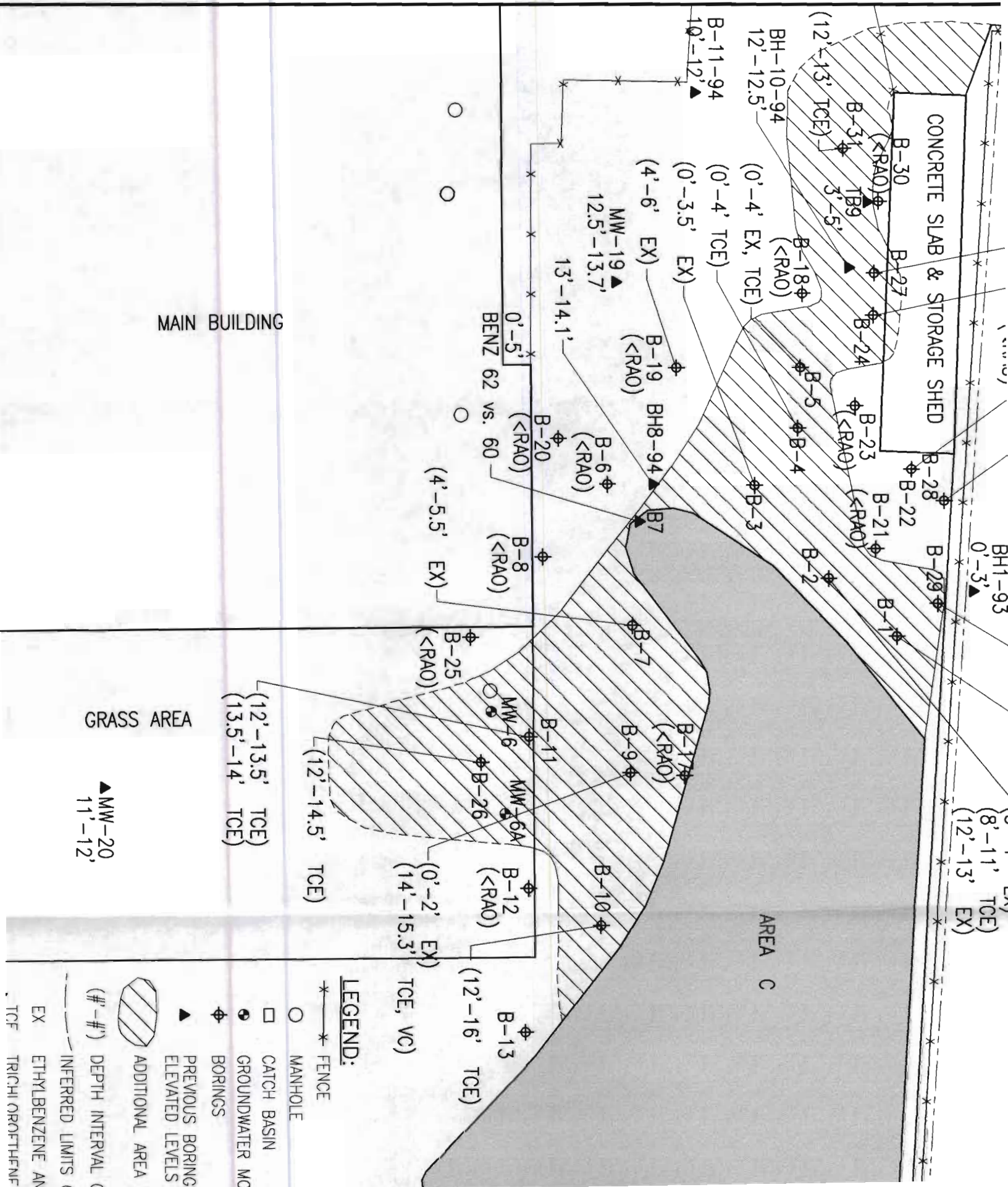


AREA B

AB-1

AB-2





Prepared by: MC
 Date: 9/14/99
 Checked by: [Signature]
 Date: 9/14/99

Table 4-1
 Total Organic Carbon Results And RAO Adjustment
 Leica, Inc. Site

Sample ID: Boring Number Depth Interval	Fill Material				Clay Material			
	B-3 0'-3.5'	B-9 0'-2'	B-19 4'-6'	HB061707-02	B-5 4.5'-8.0'	B-11 6'-8'	BH-3-93	BH-5-93
	B-3 0'-3.5'	B-9 0'-2'	B-19 4'-6'	HB061707-02	B-5 4.5'-8.0'	B-11 6'-8'	BH-3-93	BH-5-93
TOC (%)	2.10%	5.30%	4.81%	3.67%	1.97%	1.60%	1.41%	1.59%
AVG. TOC	4.0%				1.5%			

Sample ID: Boring Number Depth Interval	Sandy/Silt Material	
	B-10 12'-16'	B-19 12'-14'
	B-10 12'-16'	B-19 12'-14'
TOC (%)	2.39%	2.39%
AVG. TOC	2.0%	

VOCs (ug/Kg)	Original (PRAP)	KOC	CW	Site Adjusted RAO (TOC% X KOC X CW)		
				Fill	Clay	Sandy/Silt
Benzene	60	83	0.7	232	87	116
1,1-Dichloroethane	200	30	5	600	225	300
1,2-Dichloroethane	100	14	5	280	105	140
Ethylbenzene	5500	1100	5	22,000	8,250	11,000
Methylene Chloride	200	21	5	420	158	210
Toluene	1500	300	5	6,000	2,250	3,000
1,1,1-Trichloroethane	800	152	5	3,040	1,140	1,520
Trichloroethene	1000	126	5	2,520	945	1,260
Vinyl Chloride	200	57	2	456	171	228
Xylene (Total)	1200	240	5	4,800	1,800	2,400

$$TCE \quad C_s = 0.04 \times 5 \times 126 = 25.6$$

$$Soil Objective = 25.6 \times 100 = 2520.00 \text{ ug}$$

Prepared by: 
 Date: 9/14/18
 Checked by: 
 Date: 9/14/18

Table 4-2
 Analytical Results
 Supplemental Area C
 Leica, Inc. Site

(Except for TOC, Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-1 8'-11' clay	B-1 12' ss	B-2 3'-4' fill	B-2 8'-11' clay	B-2 12'-13' ss	B-3 0'-3.5' fill	B-3 8'-11.5' clay	B-3 12'-13.5' ss	B-4 0'-4' fill	B-5 0'-4' fill	B-5 4.5'-8.0' clay
Unit: e.g., fill, clay, sandy/silt (ss)												
VOCs (ug/Kg)												
Acetone		240	U23	U64000	U3100	U2900	U31000	130	37	220	U3100	44
Benzene	60	U35	U56	U16000	U770	U730	U7800	9.5	U5.7	U32	U760	U5.8
Bromodichloromethane		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Bromoform		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Bromomethane		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
2-Butanone (MEK)		U71	U11	U32000	U1500	U1500	U16000	U13	U11	U64	U1500	U12
Carbon Disulfide		U71	U11	U32000	U1500	U1500	U16000	U13	U11	U64	U1500	U12
Carbon Tetrachloride		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Chlorobenzene		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Chloroethane		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Chloroform		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Chloromethane		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Dibromochloromethane		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
1,1-Dichloroethane	200	U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
1,2-Dichloroethane	100	U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
1,1-Dichloroethene		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
cis-1,2-Dichloroethene		U35	23	U16000	860	U730	U7800	U6.3	U5.7	U32	U760	U5.8
trans-1,2-Dichloroethene		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
1,2-Dichloropropane		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
cis-1,3-Dichloropropene		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
trans-1,3-Dichloropropene		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Ethylbenzene	5500	210	38	130000	1200	5900	U7800	90	U5.7	U32	U760	U5.8
2-Hexanone		U71	U11	84000	U1500	U1500	U16000	U13	U11	U64	U1500	U12
Methylene Chloride	200	U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
4-Methyl-2-Pentanone (MIBK)		U71	U11	54000	U1500	U1500	U16000	U13	U11	U64	U1500	U12
Styrene		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
1,1,2,2-Tetrachloroethane		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Tetrachloroethene		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Toluene	1500	U35	U56	U16000	U770	U730	U7800	10	U5.7	U32	U760	U5.8
1,1,1-Trichloroethane	800	U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
1,1,2-Trichloroethane		U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
Trichloroethene	1000	U35	110	U16000	1100	U730	U7800	U6.3	U5.7	U32	3300	U5.8
Vinyl Chloride	200	U35	U56	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760	U5.8
O-Xylene		400	23	28000	U770	U730	14000	140	U5.7	U32	U760	U5.8
m+p-Xylene		1000	39	620000	6000	32000	100000	380	25	U32	1800	U5.8
Xylene (Total)	1200	1400	62	648000	6000	32000	114000	520	25	U32	1800	U5.8
TOC (%)			2.39%				2.10%					1.97%

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits.

E: Beyond calibration limits and the sample was reanalyzed.

RAOs are obtained from NYSDEC PRAP

Prepared by: 
 Date: 5/14/18
 Checked by: 
 Date: 5/14/18

Table 4-2
 Analytical Results
 Supplemental Area C
 Leica, Inc. Site
 (Except for TOC, Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-5 12'-13.5' B-5 12'-13.5'	B-6 0'-4' B-6 0'-4'	B-6 4'-8' B-6 4'-8'	B-6 12'-14' B-6 12'-14'	B-7 4'-5.5' B-7 4'-5.5'	B-7 5.5'-8.0' B-7 5.5'-8.0'	B-7 12'-15.5' B-7 12'-15.5'	B-8 0'-4' B-8 0'-4'	B-8 4'-8' B-8 4'-8'	B-8 8'-11.2' B-8 8'-11.2'	B-9 0'-2' B-9 0'-2'
Unit: e.g., fill, clay, sandy/silt (ss)		ss	fill	clay	ss	fill	clay	ss	clay	clay	ss	fill
VOCs (ug/Kg)												
Acetone		U23	U27	130	U25	U16000	240	33	U24	U24	88	U12000
Benzene	60	U5.8	U6.6	U5.8	14	U4000	20	U5.7	U6.0	U6.0	U5.8	U3000
Bromodichloromethane		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Bromoform		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Bromomethane		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
2-Butanone (MEK)		U12	U13	U12	U13	U8100	22	U11	U12	U12	U12	U6100
Carbon Disulfide		U12	U13	U12	U13	U8100	U12	U11	U12	U12	U12	U6100
Carbon Tetrachloride		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Chlorobenzene		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Chloroethane		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Chloroform		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Chloromethane		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Dibromochloromethane		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
1,1-Dichloroethane	200	U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
1,2-Dichloroethane	100	U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
1,1-Dichloroethene		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
cis-1,2-Dichloroethene		U5.8	U6.6	U5.8	51	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
trans-1,2-Dichloroethene		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
1,2-Dichloropropane		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
cis-1,3-Dichloropropene		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
trans-1,3-Dichloropropene		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Ethylbenzene	5500	U5.8	U6.6	U5.8	U6.3	14000	210	U5.7	U6.0	U6.0	U5.8	3500
2-Hexanone		U12	U13	U12	U13	U8100	U12	U11	U12	U12	U12	U6100
Methylene Chloride	200	U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
4-Methyl-2-Pentanone (MIBK)		U12	U13	U12	U13	U8100	U12	U11	U12	U12	U12	U6100
Styrene		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
1,1,2,2-Tetrachloroethane		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Tetrachloroethene	1500	U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Toluene		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
1,1,1-Trichloroethane	800	U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
1,1,2-Trichloroethane		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Trichloroethene	1000	U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
Vinyl Chloride	200	U5.8	U6.6	U5.8	11	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
O-Xylene		U5.8	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000
M+P-Xylene		U5.8	U6.6	U5.8	U6.3	4800	6.6	U5.7	U6.0	U6.0	U5.8	41000
Xylene (Total)	1200	U5.8	U6.6	U5.8	U6.3	130000	850	11	12	U6.0	U5.8	74000
						134800	856.6	11	12	U6.0	U5.8	115000
TOC (%)												5.30%

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits.

E: Beyond calibration limits and the sample was reanalyzed.

RAOs are obtained from NYSDEC PRAP

Prepared by: 
 Date: 5/14/14
 Checked by: 
 Date: 5/14/14

Table 4-2
 Analytical Results
 Supplemental Area C
 Leica, Inc. Site

(Except for TOC, Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-9 4'-6' B-9 4'-6'	B-9 10'-12' B-9 10'-12'	B-9 14'-15.3' B-9 14'-15.3'	B-10 2'-4' B-10 2'-4'	B-10 10'-12' B-10 10'-12'	B-10 12'-16' B-10 12'-16'	B-11 0'-2' B-11 0'-2'	B-11 6'-8' B-11 6'-8'	B-11 12'-13.5' B-11 12'-13.5'	B-11 13.5'-14' B-11 13.5'-14'	B-12 2'-4' B-12 2'-4'
Unit: e.g., fill, clay, sandy/silt (ss)		ss	clay	ss	clay	clay	ss	ss	clay	ss	ss	fill
VOCs (ug/Kg)												
Acetone		110	U3200	U120	99	U120	U3100	U24	U23	U3200	U3100	U26
Benzene	60	U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Bromodichloromethane		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Bromoform		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Bromomethane		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
2-Butanone (MEK)		U13	U1600	U61	U12	U61	U1600	U12	U12	U1600	U1500	U13
Carbon Disulfide		U13	U1600	U61	U12	U61	U1600	U12	U12	U1600	U1500	U13
Carbon Tetrachloride		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Chlorobenzene		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Chloroethane		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Chloroform		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Chloromethane		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Dibromochloromethane		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
1,1-Dichloroethane	200	U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
1,2-Dichloroethane	100	U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
1,1-Dichloroethene		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
cis-1,2-Dichloroethene		U6.5	U790	3500	U6.0	U150	U790	U6.0	U5.8	U790	U770	U6.4
trans-1,2-Dichloroethene		U6.5	U790	73	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
1,2-Dichloropropane		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
cis-1,3-Dichloropropene		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
trans-1,3-Dichloropropene		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Ethylbenzene	5500	U6.5	2800	420	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
2-Hexanone		U13	U1600	U61	U12	U61	U1600	U12	U12	U1600	U1500	U13
Methylene Chloride	200	U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
4-Methyl-2-Pentanone (MIBK)		U13	U1600	U61	U12	U61	U1600	U12	U12	U1600	U1500	U13
Styrene		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
1,1,2,2-Tetrachloroethane		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Tetrachloroethene		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Toluene	1500	U6.5	U790	120	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
1,1,1-Trichloroethane	800	U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
1,1,2-Trichloroethane		U6.5	U790	U31	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Trichloroethene	1000	U6.5	U790	2300	U6.0	350	6000	U6.0	U5.8	8100	8500	U6.4
Vinyl Chloride	200	U6.5	U790	1100	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
O-Xylene		16	U790	110	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
M+P-Xylene		27	U790	660	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
Xylene (Total)	1200	43	U790	770	U6.0	U30	U790	U6.0	U5.8	U790	U770	U6.4
TOC (%)							1.53%		1.60%			

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits.

E: Beyond calibration limits and the sample was reanalyzed.

RAOs are obtained from NYSDEC PRAP

Prepared by: 
 Date: 2/14/15
 Checked by: 
 Date: 2/11/15

Table 4-2
 Analytical Results
 Supplemental Area C
 Leica, Inc. Site

(Except for TOC, Concentrations are in ppb)

Sample ID: Boring Number Depth Interval Unit: e.g., fill, clay, sandy/silt (ss)	PRAP RAO	B-12 6'-8' B-12 6'-8'	B-12 12'-13.5' B-12 12'-13.5'	B-14 2'-4' B-14 2'-4'	B-14 8'-9' B-14 8'-9'	B-14 9'-10' B-14 9'-10'	B-15 2'-4' B-15 2'-4'	B-15 8'-9' B-15 8'-9'	B-15 9'-10' B-15 9'-10'	B-16 0.5'-0.2' B-16 0.5'-2'	B-16 8'-9' B-16 8'-9'	B-16 9'-10' B-16 9'-10'
VOCs (ugr/kg)												
Acetone		U23	U23	U26	44	U23	U24	58	24	93	U23	U23
Benzene	60	U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Bromodichloromethane		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Bromoform		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Bromomethane		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
2-Butanone (MEK)		U11	U11	U13	U12	U12	U12	U26	U11	U13	U12	U11
Carbon Disulfide		U11	U11	U13	U12	U12	U12	U26	U11	U13	U12	U11
Carbon Tetrachloride		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Chlorobenzene		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Chloroethane		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Chloroform		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Chloromethane		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Dibromochloromethane		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
1,1-Dichloroethane	200	U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
1,2-Dichloroethane	100	U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
1,1-Dichloroethene		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
cis-1,2-Dichloroethene		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
trans-1,2-Dichloroethene		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
1,2-Dichloropropane		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
cis-1,3-Dichloropropene		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
trans-1,3-Dichloropropene		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Ethylbenzene	5500	U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
2-Hexanone		U11	U11	U13	U12	U12	U12	U26	U11	U13	U12	U11
Methylene Chloride	200	U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
4-Methyl-2-Pentanone (MIBK)		U11	U11	U13	U12	U12	U12	U26	U11	U13	U12	U11
Styrene		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
1,1,2,2-Tetrachloroethane		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Tetrachloroethene		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Toluene	1500	U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
1,1,1-Trichloroethane	800	U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
1,1,2-Trichloroethane		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Trichloroethene	1000	U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Vinyl Chloride	200	U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
O-Xylene		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
M+P-Xylene		U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Xylene (Total)	1200	U5.7	U5.7	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
TOC (%)												

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits

E: Beyond calibration limits and the sample was reanalyzed

RAOs are obtained from NYSDEC PRAP

Prepared by: 
 Date: 8/12/19
 Checked by: 
 Date: 8/14/19

Table 4-2
 Analytical Results
 Supplemental Area C
 Leica, Inc. Site
 (Except for TOC, Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-17 2'-4' B-17 2'-4'	B-17 10'-12' B-17* 10'-12'	B-17 4'-6' B-17 4'-6'	B-18 4'-6' B-18 4'-6'	B-18 10'-12' B-18 10'-12'	B-18 12'-14' B-18 12'-14'	B-19 2'-4' B-19 2'-4'	B-19 4'-6' B-19 4'-6'	B-19 6'-8' B-19 6'-8'	B-19 12'-14' B-19 12'-14'
Unit: e.g., fill, clay, sandy/silt (ss)		ss	clay	clay	clay	ss	ss	clay	fill	clay	ss
VOCs (ug/Kg)											
Acetone		U26		63	190	U23	U23	46	U150	U24	U22
Benzene	60	U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Bromodichloromethane		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Bromoform		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Bromomethane		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
2-Butanone (MEK)		U13	U25	U12	U12	U12	U11	U13	U76	U12	U11
Carbon Disulfide		U13	U25	U12	U12	U12	U11	U13	U76	U12	U11
Carbon Tetrachloride		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Chlorobenzene		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Chloroethane		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Chloroform		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Chloromethane		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Dibromochloromethane		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
1,1-Dichloroethane	200	U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
1,2-Dichloroethane	100	U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
1,1-Dichloroethene		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
cis-1,2-Dichloroethene		U6.6	E1000	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
trans-1,2-Dichloroethene		U6.6	56	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
1,2-Dichloropropane		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
cis-1,3-Dichloropropene		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
trans-1,3-Dichloropropene		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Ethylbenzene	5500	U6.6	E630	U6.1	30	U5.8	U5.7	55	440	18	U5.6
2-Hexanone		U13	U25	U12	U12	U12	U11	U13	U76	U12	U11
Methylene Chloride	200	U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
4-Methyl-2-Pentanone (MIBK)		U13	U25	U12	U12	U12	U11	U13	U76	U12	U11
Styrene		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
1,1,2,2-Tetrachloroethane		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Tetrachloroethene		U6.6	23	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Toluene	1500	U6.6	29	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
1,1,1-Trichloroethane	800	U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
1,1,2-Trichloroethane		U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Trichloroethene	1000	U6.6	E520	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Vinyl Chloride	200	U6.6	U13	U6.1	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
O-Xylene		U6.6	22	U6.1	U6.0	U5.8	U5.7	13	U38	U6.0	U5.6
m-P-Xylene		U6.6	43	U6.1	74	U5.8	U5.7	310	2400	120	U5.6
Xylene (Total)	1200	U6.6	65	U6.1	74	U5.8	U5.7	323	2400	120	U5.6
TOC (%)									4.81%		2.39%

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.
 U Undetected at indicated detection limits
 E Beyond calibration limits and the sample was reanalyzed.
 RAOs are obtained from NYSDEC PRAP

Prepared by *[Signature]*
 Date: *9/11/15*
 Checked by *[Signature]*
 Date: *9/11/15*

Table 4-2
 Analytical Results
 Supplemental Area C
 Leica, Inc. Site

(Except for TOC, Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-20 4'-6' B-20 4'-6'	B-20 12'-14' B-20 12'-14'	B-21 4'-8' B-21 4'-8'	B-21 12'-14.5' B-21 12'-14.5'	B-22 0-4' B-22 0-4'	B-22 4'-8' B-22 4'-8'	B-22 11'-15' B-22 11'-15'	B-23 0-4' B-23 0-4'	B-23 8'-12' B-23 8'-12'	B-24 12'-13.5' B-24 12'-13.5'	B-24 0-4' B-24 0-4'
Unit: e.g., fill, clay, sandy/silt (ss)		clay	ss	clay	ss	fill	clay	ss	fill	ss	ss	fill
VOCs (ug/Kg)												
Acetone		57	U23	U24	U23	U3200	U23	U24	150	U22	U24	U6700
Benzene	60	U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Bromodichloromethane		U6.4	U5.7	U6.2	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Bromoform		U6.4	U5.7	U6.2	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Bromomethane		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
2-Butanone (MEK)		U13	U11	U12	U11	U1600	U11	U12	31	U11	U12	U3300
Carbon Disulfide		U13	U11	U12	U11	U1600	U11	U12	16	U11	U12	U3300
Carbon Tetrachloride		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Chlorobenzene		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Chloroethane		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Chloroform		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Chloromethane		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Dibromochloromethane		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
1,1-Dichloroethane	200	U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
1,2-Dichloroethane	100	U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
1,1-Dichloroethene		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
cis-1,2-Dichloroethene		U6.4	U5.7	68	U5.7	U810	U5.7	9.7	U6.3	20	U6.1	U1700
trans-1,2-Dichloroethene		U6.4	U5.7	7.1	U5.7	U810	U5.7	U6.0	U6.3	13	U6.1	U1700
1,2-Dichloropropane		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
cis-1,3-Dichloropropene		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
trans-1,3-Dichloropropene		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Ethylbenzene	5500	U6.4	U5.7	U6.1	U5.7	U810	93	U6.0	23	U5.6	U6.1	5300
2-Hexanone		U13	U11	U12	U11	U1600	U11	U12	U13	U11	U12	U3300
Methylene Chloride	200	U6.4	U5.7	24	15	U810	U5.7	7.1	16	8	U6.1	U1700
4-Methyl-2-Pentanone (MIBK)		U13	U11	U12	U11	U1600	U11	U12	U13	U11	U12	U3300
Styrene		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
1,1,2,2-Tetrachloroethane		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Tetrachloroethene		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Toluene	1500	U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
1,1,1-Trichloroethane	800	U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
1,1,2-Trichloroethane		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Trichloroethene	1000	U6.4	U5.7	35	9.3	1300	U5.7	U6.0	U6.3	190	U6.1	U1700
Vinyl Chloride	200	U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
O-Xylene		U6.4	U5.7	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	4300
m-P-Xylene		U6.4	U5.7	U6.1	U5.7	U810	100	U6.0	26	U5.6	U6.1	27000
Xylene (Total)	1200	U6.4	U5.7	U6.1	U5.7	U810	100	U6.0	52	U5.6	U6.1	31300
TOC (%)		1.41%										

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits.

E: Beyond calibration limits and the sample was reanalyzed.

RAOs are obtained from NYSDEC PRAP

Prepared by: 
 Date: 7/1/08
 Checked by: 
 Date: 8/14/08

Table 4-2
 Analytical Results
 Supplemental Area C
 Leica, Inc. Site

(Except for TOC, Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-24 8'-12' B-24 8'-12'	B-25 12'-15' B-25 12'-15'	B-25 15'-16' B-25 15'-16'	B-26 12'-14.5' B-26 12'-14.5'	B-27 4'-8' B-27 4'-8'	B-27 12'-13.5' B-27 12'-13.5'	B-28 0-4' B-28 0-4'	B-28 4'-8' B-28 4'-8'	B-28 8'-12' B-28 8'-12'	B-29 4'-8' B-29 4'-8'	B-29 8'-12' B-29 8'-12'
Unit: e.g., fill, clay, sandy/silt (ss)		ss	clay	ss	ss	ss/clay	ss	fill	clay	ss	clay	ss
VOCs (ug/Kg)												
Acetone		U110	U24	U25	U3200	U120	U22	U28	33	U22	U3000	U11000
Benzene	60	U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Bromodichloromethane		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Bromoform		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Bromomethane		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
2-Butanone (MEK)		U57	U12	U12	U1600	U58	U11	U14	U12	U11	U1500	U5700
Carbon Disulfide		U57	U12	U12	U1600	U58	U11	U14	U12	13	U1500	U5700
Carbon Tetrachloride		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Chlorobenzene	200	U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Chloroethane	100	U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Chloroform		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Chloromethane		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Dibromochloromethane		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
1,1-Dichloroethane		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
1,2-Dichloroethane		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
cis-1,2-Dichloroethene		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
trans-1,2-Dichloroethene		36	U6.1	U6.2	U790	770	8.1	7.7	32	11	13000	6300
1,2-Dichloropropane		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
cis-1,3-Dichloropropene		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
trans-1,3-Dichloropropene		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Ethylbenzene	5500	150	U6.1	U12	U790	330	6.4	U6.9	U6.0	U5.6	1900	U2800
2-Hexanone		U57	U12	U12	U1600	U58	U11	U14	U12	U11	U1500	U5700
Methylene Chloride	200	31	U6.1	6.9	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
4-Methyl-2-Pentanone (MIBK)		U57	U12	U12	U1600	U58	U11	U14	U12	U11	U1500	U5700
Styrene		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
1,1,2,2-Tetrachloroethane		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Tetrachloroethene		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Toluene	1500	U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
1,1,1-Trichloroethane	800	U28	U6.1	U6.2	U790	69	U29	U6.9	U6.0	U5.6	U760	U2800
1,1,2-Trichloroethane		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Trichloroethene	1000	U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Vinyl Chloride	200	U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
O-Xylene		U28	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
m+p-Xylene		110	U6.1	U6.2	U790	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800
Xylene (Total)	1200	110	U6.1	U6.2	U790	2540	33.8	U6.9	U6.0	U5.6	18700	4100
TOC (%)												

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits.

E: Beyond calibration limits and the sample was reanalyzed

RAOs are obtained from NYSDEC PRAP

Prepared by *AD*
 Date: *12/14/98*
 Checked by *AD*
 Date: *12/14/98*

Table 4-2
 Analytical Results
 Supplemental Area C
 Leica, Inc. Site

(Except for TOC, Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-30 0-4' fill	B-30 8'-12' B-30 8'-12'	B-30 12'-12.5' B-30 12'-12.6'	B-31 0-4' B-31 0-4'	B-31 4'-8' B-31 4'-8'	B-31 8'-12' B-31 8'-12'	B-31 12'-13' B-31 12'-13'	AB-1 6'-7.5' AB-1 6'-7.5'	AB-1 7.5'-8' AB-1 7.5'-8'	AB-2 6'-8' AB-2 6'-8'	AB-2 10'-12' AB-2 10'-12'
Unit: e.g., fill, clay, sandy/silt (ss)		fill	ss	ss	fill	clay	ss	ss	ss	ss	ss	ss
VOCs (ug/Kg)												
Acetone		60	U25	U23	120	31	U24	U2900	U23	U24	U23	29
Benzene	60	U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Bromodichloromethane		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Bromoform		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Bromomethane		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
2-Butanone (MEK)		15	U12	U11	28	U12	U12	U1500	U11	U12	U12	U12
Carbon Disulfide		U14	U12	U11	U12	U12	U12	U1500	U11	U12	U12	U12
Carbon Tetrachloride		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Chlorobenzene		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Chloroethane		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Chloroform		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Chloromethane		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Dibromochloromethane		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
1,1-Dichloroethane	200	U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
1,2-Dichloroethane	100	U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
1,1-Dichloroethene		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
cis-1,2-Dichloroethene		15	20	120	9.4	U5.9	460	8200	U5.7	U5.9	U5.8	U5.8
trans-1,2-Dichloroethene		10	U6.2	30	U6.0	U5.9	26	U730	U5.7	U5.9	U5.8	U5.8
1,2-Dichloropropane		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
cis-1,3-Dichloropropene		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
trans-1,3-Dichloropropene		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Ethylbenzene	5500	230	U6.2	19	U6.0	U5.9	U6.0	1100	U5.7	U5.9	U5.8	U5.8
2-Hexanone		U14	U12	U11	U12	U12	U12	U1500	U11	U12	U12	U12
Methylene Chloride	200	U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
4-Methyl-2-Pentanone (MIBK)		U14	U12	U11	U12	U12	U12	U1500	U11	U12	U12	U12
Styrene		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
1,1,2,2-Tetrachloroethane		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Tetrachloroethene		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Toluene	1500	U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
1,1,1-Trichloroethane	800	U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	14	14	8	U5.8
1,1,2-Trichloroethane		U6.9	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
Trichloroethene	1000	8.8	12	U5.6	U6.0	U5.9	85	1600	28	33	U5.8	6.4
Vinyl Chloride	200	21	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
O-Xylene		74	U6.2	U5.6	U6.0	U5.9	U6.0	U730	U5.7	U5.9	U5.8	U5.8
m+p-Xylene		190	U6.2	U5.6	U6.0	U5.9	U6.0	1400	U5.7	U5.9	U5.8	U5.8
Xylene (Total)	1200	264	U6.2	U5.6	7.2	U5.9	U6.0	1400	U5.7	U5.9	U5.8	U5.8
TOC (%)												

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits.

E: Beyond calibration limits and the sample was reanalyzed.

RAOs are obtained from NYSDEC PRAP

Prepared by: 
 Date: 9/1/10
 Checked by: 
 Date: 9/1/10

Table 4-3
 Remedial Action Objective Results
 West - Northwest of Area C
 Leica, Inc. Site
 (Concentrations are in ppb)

Sample ID: Boring Number Depth Interval Unit: e.g., fill, clay, sandy/silt (ss)	PRAP RAO	B-6 0'-4' B-6 0'-4'	B-6 4'-8' B-6 4'-8'	B-6 12'-14' B-6 12'-14'	B-7 4'-5.5' B-7 4'-5.5'	B-7 5.5'-8.0' B-7 5.5'-8.0'	B-7 12'-15.5' B-7 12'-15.5'	B-8 0'-4' B-8 0'-4'	B-8 4'-8' B-8 4'-8'	B-8 8'-11.2' B-8 8'-11.2'	B-9 0'-2' B-9 0'-2'	B-9 4'-6' B-9 4'-6'	B-9 10'-12' B-9 10'-12'	B-9 14'-15.3' B-9 14'-15.3'
VOCs (ug/Kg)		fill	clay	ss	fill	clay	ss	clay	clay	ss	fill	ss	clay	ss
Benzene	60	U6.6	U5.8	14	U4000	20	U5.7	U6.0	U6.0	U5.8	U3000	U6.5	U790	U31
1,1-Dichloroethane	200	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000	U6.5	U790	U31
1,2-Dichloroethane	100	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000	U6.5	U790	U31
Ethylbenzene	5500	U6.6	U5.8	U6.3	14000	210	U5.7	U6.0	U6.0	U5.8	3500	U6.5	2800	420
Methylene Chloride	200	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000	U6.5	U790	U31
Toluene	1500	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000	U6.5	U790	120
1,1,1-Trichloroethane	800	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000	U6.5	U790	U31
Trichloroethene	1000	U6.6	U5.8	U6.3	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000	U6.5	U790	2300
Vinyl Chloride	200	U6.6	U5.8	11	U4000	U5.9	U5.7	U6.0	U6.0	U5.8	U3000	U6.5	U790	1100
Xylene (Total)	1200	U6.6	U5.8	U6.3	134800	856.6	11	12	U6.0	U5.8	115000	43	U790	770

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits.

E: Beyond calibration limits and the sample was reanalyzed.

RAOs are obtained from NYSDEC PRAP

Prepared by: *SLH*
 Date: *9/11/00*
 Checked by: *SLH*
 Date: *9/11/00*

Table 4-3
 Remedial Action Objective Results
 West - Northwest of Area C
 Leica, Inc. Site
 (Concentrations are in ppb)

Sample ID: Boring Number Depth Interval Unit: e.g., fill, clay, sandy/silt (ss)	PRAP RAO	B-10 2'-4' B-10 2'-4'	clay	B-10 10'-12' B-10 10'-12'	clay	B-10 12'-16' B-10 12'-16'	ss	B-11 0'-2' B-11 0'-2'	ss	B-11 6'-8' B-11 6'-8'	clay	B-11 12'-13.5' B-11 12'-13.5'	ss	B-11 13.5'-14' B-11 13.5'-14'	ss	B-12 2'-4' B-12 2'-4'	fill	B-12 6'-8' B-12 6'-8'	clay	12 12'-13 12'-13.5'	ss	B-17 2'-4' B-17 2'-4'	ss	B-17 4'-6' B-17 4'-6'	clay
VOCs (ug/Kg)																									
Benzene	60	U6.0	U30	U790	U6.0	U5.8	U790	U6.0	U790	U5.8	U790	U770	U770	U770	U770	U6.4	U6.4	U5.7	U5.7	U5.7	U5.7	U6.6	U6.6	U6.1	U6.1
1,1-Dichloroethane	200	U6.0	U30	U790	U6.0	U5.8	U790	U6.0	U790	U5.8	U790	U770	U770	U770	U770	U6.4	U6.4	U5.7	U5.7	U5.7	U5.7	U6.6	U6.6	U6.1	U6.1
1,2-Dichloroethane	100	U6.0	U30	U790	U6.0	U5.8	U790	U6.0	U790	U5.8	U790	U770	U770	U770	U770	U6.4	U6.4	U5.7	U5.7	U5.7	U5.7	U6.6	U6.6	U6.1	U6.1
Ethylbenzene	5500	U6.0	U30	U790	U6.0	U5.8	U790	U6.0	U790	U5.8	U790	U770	U770	U770	U770	U6.4	U6.4	U5.7	U5.7	U5.7	U5.7	U6.6	U6.6	U6.1	U6.1
Methylene Chloride	200	U6.0	U30	U790	U6.0	U5.8	U790	U6.0	U790	U5.8	U790	U770	U770	U770	U770	U6.4	U6.4	U5.7	U5.7	U5.7	U5.7	U6.6	U6.6	U6.1	U6.1
Toluene	1500	U6.0	U30	U790	U6.0	U5.8	U790	U6.0	U790	U5.8	U790	U770	U770	U770	U770	U6.4	U6.4	U5.7	U5.7	U5.7	U5.7	U6.6	U6.6	U6.1	U6.1
1,1,1-Trichloroethane	800	U6.0	U30	U790	U6.0	U5.8	U790	U6.0	U790	U5.8	U790	U770	U770	U770	U770	U6.4	U6.4	U5.7	U5.7	U5.7	U5.7	U6.6	U6.6	U6.1	U6.1
Trichloroethene	1000	U6.0	350	6000	U6.0	U5.8	6000	U6.0	U790	U5.8	U790	8100	U790	8500	U790	U6.4	U6.4	U5.7	U5.7	U5.7	U5.7	U6.6	U6.6	U6.1	U6.1
Vinyl Chloride	200	U6.0	U30	U790	U6.0	U5.8	U790	U6.0	U790	U5.8	U790	U790	U790	U770	U770	U6.4	U6.4	U5.7	U5.7	U5.7	U5.7	U6.6	U6.6	U6.1	U6.1
Xylene (Total)	1200	U6.0	U30	U790	U6.0	U5.8	U790	U6.0	U790	U5.8	U790	U790	U790	U770	U770	U6.4	U6.4	U5.7	U5.7	U5.7	U5.7	U6.6	U6.6	U6.1	U6.1

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits

E: Beyond calibration limits and the sample was reanalyzed.

RAOs are obtained from NYSDEC PRAP

Prepared by: *AS*
 Date: *5/14/14*
 Checked by: *[Signature]*
 Date: *9/14/14*

Table 4-3
 Remedial Action Objective Results
 West - Northwest of Area C
 Leica, Inc. Site
 (Concentrations are in ppb)

Sample ID: Boring Number Depth Interval Unit: e.g., fill, clay, sandy/silt (ss)	PRAP RAO	B-17 10'-12' B-17* 10'-12' *	B-17 10'-12' B-17 10'-12'	B-20 4'-6' B-20 4'-6'	B-20 12'-14' B-20 12'-14'	B-25 12'-15' B-25 12'-15'	B-25 15'-16' B-25 15'-16'	B-26 12'-14.5' B-26 12'-14.5'
VOCs (ug/Kg)								
Benzene	60	U13	U32	U6.4	U5.7	U6.1	U6.2	U790
1,1-Dichloroethane	200	U13	U32	U6.4	U5.7	U6.1	U6.2	U790
1,2-Dichloroethane	100	U13	U32	U6.4	U5.7	U6.1	U6.2	U790
Ethylbenzene	5500	E630	130	U6.4	U5.7	U6.1	U12	U790
Methylene Chloride	200	U13	U32	U6.4	U5.7	U6.1	6.9	U790
Toluene	1500	29	U32	U6.4	U5.7	U6.1	U6.2	U790
1,1,1-Trichloroethane	800	U13	U32	U6.4	U5.7	U6.1	U6.2	U790
Trichloroethene	1000	E520	160	U6.4	U5.7	U6.1	U6.2	5200
Vinyl Chloride	200	U13	U32	U6.4	U5.7	U6.1	U6.2	U790
Xylene (Total)	1200	65	U32	U6.4	U5.7	U6.1	U6.2	U790

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs
 U: Undetected at indicated detection limits.
 E: Beyond calibration limits and the sample was reanalyzed
 RAOs are obtained from NYSDEC PRAP

Prepared by: 
 Date: 9/14/16
 Checked by: 
 Date: 9/14/16

Table 4-4
 Remedial Action Objective Results
 North - Northeast of Area C
 Leica, Inc. Site
 (Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-1 8'-11'	B-1 12'	B-2 3'-4'	B-2 8'-11'	B-2 12'-13'	B-3 0'-3.5'	B-3 8'-11.5'	B-3 12'-13.5'	B-4 0'-4'	B-5 0'-4'
Unit: e.g., fill, clay, sandy/silt (ss)		clay	ss	fill	clay	ss	fill	clay	ss	fill	fill
VOCs (ug/Kg)											
Benzene	60	U35	U5.6	U16000	U770	U730	U7800	9.5	U5.7	U32	U760
1,1-Dichloroethane	200	U35	U5.6	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760
1,2-Dichloroethane	100	U35	U5.6	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760
Ethylbenzene	5500	210	38	130000	1200	5900	U7800	90	U5.7	U32	U760
Methylene Chloride	200	U35	U5.6	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760
Toluene	1500	U35	U5.6	U16000	U770	U730	U7800	10	U5.7	U32	U760
1,1,1-Trichloroethane	800	U35	U5.6	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760
Trichloroethene	1000	U35	110	U16000	1100	U730	U7800	U6.3	U5.7	U32	3300
Vinyl Chloride	200	U35	U5.6	U16000	U770	U730	U7800	U6.3	U5.7	U32	U760
Xylene (Total)	1200	1400	62	648000	6000	32000	114000	520	25	U32	1800

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits

E: Beyond calibration limits and the sample was reanalyzed.

RAOs are obtained from NYSDEC PRAP

Prepared by: 
 Date: 9/14/03
 Checked by: 
 Date: 9/14/03

Table 4-4
 Remedial Action Objective Results
 North - Northeast of Area C
 Leica, Inc. Site
 (Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-5 4.5'-8.0'	B-5 12'-13.5'	B-18 4'-6'	B-18 10'-12'	B-18 12'-14'	B-19 2'-4'	B-19 4'-6'	B-19 6'-8'	B-19 12'-14'
Unit: e.g., fill, clay, sandy/silt (ss)		clay	ss	clay	ss	ss	clay	fill	clay	ss
VOCs (ug/Kg)										
Benzene	60	U5.8	U5.8	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
1,1-Dichloroethane	200	U5.8	U5.8	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
1,2-Dichloroethane	100	U5.8	U5.8	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Ethylbenzene	5500	U5.8	U5.8	30	U5.8	U5.7	55	440	18	U5.6
Methylene Chloride	200	U5.8	U5.8	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Toluene	1500	U5.8	U5.8	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
1,1,1-Trichloroethane	800	U5.8	U5.8	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Trichloroethene	1000	U5.8	U5.8	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Vinyl Chloride	200	U5.8	U5.8	U6.0	U5.8	U5.7	U6.3	U38	U6.0	U5.6
Xylene (Total)	1200	U5.8	U5.8	74	U5.8	U5.7	323	2400	120	U5.6

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits.

E: Beyond calibration limits and the sample was reanalyzed

RAOs are obtained from NYSDEC PRAP

Prepared by: 
 Date: 9/14/98
 Checked by: 
 Date: 9/14/98

Table 4-4
 Remedial Action Objective Results
 North - Northeast of Area C
 Leica, Inc. Site
 (Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-21 4'-8' B-21 4'-8'	B-21 12'-14.5' B-21 12'-14.5'	B-22 0-4' B-22 0-4'	B-22 4'-8' B-22 4'-8'	B-22 11'-15' B-22 11'-15'	B-23 0-4' B-23 0-4'	B-23 8'-12' B-23 8'-12'	B-24 12'-13.5' B-24 12'-13.5'	B-24 0-4' B-24 0-4'
Unit: e.g., fill, clay, sandy/silt (ss)		clay	ss	fill	clay	ss	fill	ss	ss	fill
VOCs (ug/Kg)										
Benzene	60	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
1,1-Dichloroethane	200	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
1,2-Dichloroethane	100	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Ethylbenzene	5500	U6.1	U5.7	U810	93	U6.0	23	U5.6	U6.1	5300
Methylene Chloride	200	24	15	U810	U5.7	7.1	16	8	U6.1	U1700
Toluene	1500	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
1,1,1-Trichloroethane	800	U6.1	U5.7	U810	U5.7	U6.0	U6.3	U5.6	U6.1	U1700
Trichloroethene	1000	35	9.3	1300	U5.7	U6.0	U6.3	190	U6.1	U1700
Vinyl Chloride	200	U6.1	U5.7	U810	U5.7	U6.0	26	U5.6	U6.1	U1700
Xylene (Total)	1200	U6.1	U5.7	U810	100	U6.0	52	U5.6	U6.1	31300

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs
 U: Undetected at indicated detection limits.
 E: Beyond calibration limits and the sample was reanalyzed
 RAOs are obtained from NYSDEC PRAP

Prepared by: 
 Date: 5/14/98
 Checked by: 
 Date: 5/14/98

Table 4-4
 Remedial Action Objective Results
 North - Northeast of Area C
 Leica, Inc. Site
 (Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-24 8'-12' B-24 8'-12'	B-27 4'-8' B-27 4'-8'	B-27 12'-13.5' B-27 12'-13.5'	B-28 0-4' B-28 0-4'	B-28 4'-8' B-28 4'-8'	B-28 8'-12' B-28 8'-12'	B-29 4'-8' B-29 4'-8'	B-29 8'-12' B-29 8'-12'	B-30 0-4' B-30 0-4'	B-30 8'-12' B-30 8'-12'
Unit: e.g., fill, clay, sandy/silt (ss)		ss	ss/clay	ss	fill	clay	ss	clay	ss	fill	ss
VOCs (ug/Kg)											
Benzene	60	U28	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800	U6.9	U6.2
1,1-Dichloroethane	200	U28	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800	U6.9	U6.2
1,2-Dichloroethane	100	U28	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800	U6.9	U6.2
Ethylbenzene	5500	150	330	6.4	U6.9	U6.0	U5.6	1900	U2800	230	U6.2
Methylene Chloride	200	31	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800	U6.9	U6.2
Toluene	1500	U28	69	U5.5	U6.9	U6.0	U5.6	U760	U2800	U6.9	U6.2
1,1,1-Trichloroethane	800	U28	U29	U5.5	U6.9	U6.0	U5.6	U760	U2800	U6.9	U6.2
Trichloroethene	1000	U28	U29	18	33	51	U5.6	15000	35000	8.8	12
Vinyl Chloride	200	U28	52	U5.5	U6.9	U6.0	U5.6	U760	U2800	21	U6.2
Xylene (Total)	1200	110	2540	33.8	U6.9	U6.0	U5.6	18700	4100	264	U6.2

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.
 U: Undetected at indicated detection limits.
 E: Beyond calibration limits and the sample was reanalyzed.
 RAOs are obtained from NYSDEC PRAP

Prepared by: *ghe*
 Date: *2/14/98*
 Checked by: *[Signature]*
 Date: *2/14/98*

Table 4-4
 Remedial Action Objective Results
 North - Northeast of Area C
 Leica, Inc. Site
 (Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-30 12'-12.5' B-30 12'-12.6'	B-31 0-4' B-31 0-4'	B-31 4'-8' B-31 4'-8'	B-31 8'-12' B-31 8'-12'	B-31 12'-13' B-31 12'-13'
Unit: e.g., fill, clay, sandy/silt (ss)		ss	fill	clay	ss	ss
VOCs (ug/Kg)						
Benzene	60	U5.6	U6.0	U5.9	U6.0	U730
1,1-Dichloroethane	200	U5.6	U6.0	U5.9	U6.0	U730
1,2-Dichloroethane	100	U5.6	U6.0	U5.9	U6.0	U730
Ethylbenzene	5500	19	U6.0	U5.9	U6.0	1100
Methylene Chloride	200	U5.6	U6.0	U5.9	U6.0	U730
Toluene	1500	U5.6	U6.0	U5.9	U6.0	U730
1,1,1-Trichloroethane	800	U5.6	U6.0	U5.9	U6.0	U730
Trichloroethene	1000	U5.6	U6.0	U5.9	85	1600
Vinyl Chloride	200	U5.6	U6.0	U5.9	U6.0	U730
Xylene (Total)	1200	U5.6	7.2	U5.9	U6.0	1400

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U: Undetected at indicated detection limits.

E: Beyond calibration limits and the sample was reanalyzed.

RAOs are obtained from NYSDEC PRAP

Prepared by: 

Date: 9/14/98

Checked by: 

Date: 9/14/98

Table 4-5
Remedial Action Objective Results
South of Area C
Leica, Inc. Site
(Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	B-14 2'-4'	B-14 8'-9'	B-14 9'-10'	B-15 2'-4'	B-15 8'-9'	B-15 9'-10'	B-16 0.5'-2'	B-16 8'-9'	B-16 9'-10'
Unit: e.g., fill, clay, sandy/silt (ss)		fill	clay	ss	fill	clay	ss	fill	clay	ss
VOCs (ug/Kg)										
Benzene	60	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
1,1-Dichloroethane	200	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
1,2-Dichloroethane	100	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Ethylbenzene	5500	U6.6	42	14	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Methylene Chloride	200	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Toluene	1500	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
1,1,1-Trichloroethane	800	U6.6	U6.0	U5.9	U6.0	U13	U5.7	U6.3	U5.8	U5.7
Trichloroethene	1000	U6.6	U6.0	U5.9	U6.0	89	U5.7	14	U5.8	U5.7
Vinyl Chloride	200	U6.6	57	42	U6.0	U13	36	U6.3	U5.8	U5.7
Xylene (Total)	1200	23.5	163	37.8	U6.0	U13	U5.7	U6.3	U5.8	U5.7

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.

U Undetected at indicated detection limits.

E: Beyond calibration limits and the sample was reanalyzed.

RAOs are obtained from NYSDEC PRAP

Prepared by: *SO*
 Date: *9/14/98*
 Checked by: *gdp*
 Date: *9/14/98*

Table 4-6
 Remedial Action Objective Results
 North of Area B
 Leica, Inc. Site
 (Concentrations are in ppb)

Sample ID: Boring Number Depth Interval	PRAP RAO	AB-1 6'-7.5' AB-1 6'-7.5'	AB-1 7.5'-8' AB-1 7.5'-8'	AB-2 6'-8' AB-2 6'-8'	AB-2 10'-12' AB-2 10'-12'
Unit: e.g., fill, clay, sandy/silt (ss)		ss	ss	ss	ss
VOCs (ug/Kg)					
Benzene	60	U5.7	U5.9	U5.8	U5.8
1,1-Dichloroethane	200	U5.7	U5.9	U5.8	U5.8
1,2-Dichloroethane	100	U5.7	U5.9	U5.8	U5.8
Ethylbenzene	5500	U5.7	U5.9	U5.8	U5.8
Methylene Chloride	200	U5.7	U5.9	U5.8	U5.8
Toluene	1500	U5.7	U5.9	U5.8	U5.8
1,1,1-Trichloroethane	800	14	14	8	U5.8
Trichloroethene	1000	28	33	U5.8	6.4
Vinyl Chloride	200	U5.7	U5.9	U5.8	U5.8
Xylene (Total)	1200	U5.7	U5.9	U5.8	U5.8

Concentrations in Bold exceed the RAOs and in Bold and Italics exceed the Site Adjusted RAOs.
 U Undetected at indicated detection limits
 E Beyond calibration limits and the sample was reanalyzed.
 RAOs are obtained from NYSDEC PRAP

APPENDIX A

BORING LOGS

Boring/Well ID: B-1

NES Project No: 3947 - 3948

Date Installed: 3/24/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
0.8'	DG/BI CINDERS and TRAP					
	ROCK, little Clay					
0.5'	DG/BL CLAY	0'-2'	1.4'	-5-4-7	1.4	Slight Odor
2	No Sample					
3		2'-4'	0	NA	NA	NO SAMPLE
4	RB/RG CLAY with G Silt mottling					
	and varves,					
5	trace DG Gravel (limestone)					
6		4'-8'	3'	NA	1.0	Stiff
7						
8	RB/RG CLAY with G Silt mottling					
	and varves,					
9						
10		8'-12'	3'	NA	1.1	Wet, Slightly Plastic
11	DG/DRG SILT, little DG Gravel					
	(limestone)					
12	DG/DRG SILT, trace Gravel					
		12'-13'	1'	NA	5.5	Damp, Tight
13	End of Exploration					Refusal
14						
15						
16						

Boring/Well ID: B-2

NES, Inc.
44 Shelter Rock Road
Danbury, CT 06810
(203) 796-5000

NES Project No: 3947 - 3948

Date Installed: 3/24/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	0.9' FILL (cinders, brick,ballast)					
2	1.4' G/RG CLAY, some Fill					
3	0.7' FILL (oil soaked), some G/RG Clay	0'-2.8'	3'	NA	394	Discolored
4		2.8'-4'		NA	924	Oil Soaked, Strong odor
5	0.6' FILL and RG/RB CLAY	4'-4.6'	4'	NA	922	Oil Soaked
6	3.4' RB/RG CLAY with G Silt					
7	varves, trace Gravel (limestone)	4.6'-8'		NA	32.4	Stiff
8						
9	2' RB/RGB CLAY with G Silt					
10	mottling and varves					
11	1' RG/DG SILT, little Gravel (limestone)	8'-10'	3'	NA	120	
12						
13	G SILT, some Gravel (limestone)	10'-12'		NA	23.7	Wet
14		12'-13.3'		NA	257	Refusal
15	End of Borehole					
16						

Boring/Well ID: B-3

NES Project No: 3947 - 3948

Date Installed: 3/24/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	3.0' RB/G/B CLAY and FILL 0.5' CLAY and FILL (oil soaked)					
2		0.5'-3.5'	3'	NA	84.4	Dry, Odor
3	1.5' G/B CLAY and BI FILL 2.5' RB/RG CLAY with G Silt mottling and varves					
4		3.5'-4.0'		NA	3.6	Wet, Slight Odor
5		4'-5.5'	4'	NA	2.8	Wet, Slight odor
6	3.8' DG/BI FILL and CLAY 0.2' G SILT					
7		5.5'-8'		NA	2.1	Dry, Stiff
8						Wet
9	G SILT (layered), little Gravel (limestone)					
10		8'-11.8'	4'	NA	4.8	
11						
12		11.8'-12'		NA	2.7	
13		12'-13.5'	1.5	NA	2.1	
14	End of Exploration					Refusal
15						
16						

Boring/Well ID: B-4

NES Project No: 3947 - 3948

Date Installed: 3/24/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Depth	Formation Description	Sample Number	Recovery	N Value	PID Reading	Details
0	Ground Surface					
1	1.1' B/DB SILT and FILL 0.2' G/DG CLAY with G Silt mottling	0'-4'	1.3'	NA	19	Petroleum Staining Damp, Odor
2						
3						
4	End of Exploration					
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

NES, Inc.
 44 Shelter Rock
 Road
 Danbury, CT 06810
 (203) 796-5000

Boring/Well ID: B-5

NES Project No: 3947 - 3948

Date Installed: 3/24/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	DG/BI FILL					Petroleum Soaked
2		0.5'-3.5'	1.3'	NA	17	
3						Stiff
4	0.5' BI FILL and CLAY	3.5'-4'	4.0'	NA	32.3	
5	3.5' RB/RG CLAY with G Silt mottling and varves					
6		4.5'-8'		NA	8.1	
7						
8	2.5' RB/RG CLAY with G Silt mottling and varves					
9	1.0' G/GB SILT, some Clay					
10		8'-12'	3.5'	NA	2.4	
11						
12	G/GB SILT, little Clay					Wet
13		12'-13.5'	1.5	NA	2.5	
14	End of Exploration					Refusal
15						
16						

NES, Inc.
 44 Shelter Rock
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 (203) 796-5000

Boring/Well ID: B-6

NES Project No: 3947 - 3948

Date Installed: 3/24/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Depth	Formation Description	Sample Number	Recovery	N Value	PID Reading	Details
	Ground Surface					
2	1.2' FILL, some Clay 0.3' RB/RG CLAY, with G Silt mottling and varves, trace Gravel (limestone)	0'-4'	1.5'	NA	NA	Wet, Odor
3						Stiff
4	RB/RG CLAY, with G Silt mottling and varves	4'-8'	3.0'	NA	2.2	Dryer at Depth Very Stiff
5						
6	3' RB/RG CLAY, with G Silt mottling and varves 1' G/DG CLAY, some Organics and Fill (glass), little Silt	8'-12'	3.0'	NA	2.2	Dry, Stiff
7						
8	0.2' RGB CLAY, with G Silt mottling and varves 1.6' RGB CLAY and SILT 0.4' RGB SILT, little Clay and Gravel (limestone)	12'-14.2'	2.2'	NA	NA	Wet Staining
9						
10	End of Exploration					Refusal
11						
12						
13						
14						
15						
16						

Boring/Well ID: B-7

NES Project No: 3947 - 3948

Date Installed: 3/24/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	0.2' FILL and ORGANICS RGB CLAY, with G Silt mottling and varves, trace Organics	0'-4'	4.0'	NA	2.0	Staining
2						Dry, Slightly Stiff
5	1' B/GB CLAY, 0.5' FILL 2.5' RGB CLAY, with G Silt mottling and varves	4'-8'	4.0'	NA	4.8	Petroleum Staining Wet
6						Dry, Stiff
8	NO SAMPLE	8'-12'	NA	NA	NA	NO SAMPLE
9						
12	G/GB SILT. some Gravel (limestone)	12'-15.5'	2.0'	NA	3.8	Wet
13						
16	End of Exploration					Refusal

Boring/Well ID: B-8

NES Project No: 3947 - 3948

Date Installed: 3/24/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	ORGANIC MATTER B SILT and CLAY, with B SILT mottling and varves trace Organics and fine to coarse Sand	0'-4'	3.8'	NA	1.0	Wet
2						
3						
4	1' B SILT, some Clay 1' RGB CLAY with G Silt mottling and varves	4'-8'	2.0'	NA	1.0	Dry, Stiff
5						
6						
7	RGB CLAY, with G Silt mottling and varves	8'-11.2'	NA	NA	1.8	Damp, Plastic
8						
9						
10	End of Exploration					Refusal
11						
12						
13						
14						
15						
16						

NES, Inc.
44 Shelter Rock
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Boring/Well ID: B-9

NES Project No: 3947 - 3948

Date Installed: 3/25/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	0.8' B SILT and CLAY, some fine to medium Sand and Organics	0'-2'	1.5'	4-3-3-1	59.4	Dry, Odor
2	0.7' B/G/DG/LT SILT and FILL NO SAMPLE					
3	<i>FILL</i>	2'-4'	0	NA		NO SAMPLE
4	1' DG SILT, some Clay and Organics, little Gravel (limestone)					
5	0.3 RB/RG CLAY with RG/RB Silt mottling and varves	4'-6'	1.3'	2-2-5-9	21.4	Petroleum Stained
6	NO SAMPLE					
7		6'-8'	0	NA		NO SAMPLE
8	BG/RBG CLAY with RG Silt mottling and varves <i>CLAY</i>					
9		8'-10'	2'	13-15-20-26	2.4	Stiff
10	1' BG/RBG CLAY					
11	0.3' G/DG SILT and CLAY	10'-12'	1.3'	9-11-15-15	49.7	Odor
12	1' G SILT and CLAY, some RB CLAY					Wet
13	1' G/DG SILT, little Clay <i>SILT</i>	12'-14'	2'	10-10-9-8	5.7	
14	1' G/RG SILT, little Gravel (limestone) and Organics	14'-15.3'	1'	8-16-50(3)	14.6	
15						
16	End of Exploration					

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Boring/Well ID: B-10

NES Project No: 3947 - 3948

Date Installed: 3/25/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Dep. ft.						
0	Ground Surface					
1	0.2' BALLAST					
2	0.5' RG/RB/B CLAY and SILT, some Ballast	0'-2'	0.7'	5-4-3-4	2.1	Damp, Plastic
3	G/B/GB/RGB CLAY, SILT, and BALLAST					
4		2'-4'	1.0'	3-4-6-6	2.4	Stiff, No Odor
5	RB/RG CLAY, with G Silt mottling and varves, some B Silt					
6		4'-6'	1.0'	10-11-15-16	2.1	Stiff
7	RB/RG/B CLAY, with G Silt mottling and varves, some Gravel (limestone)	6'-8'	1.6'	13-15-25-36	2.2	Dry, Stiff
8						
9	RB/RG/B CLAY, with G Silt mottling and varves, some Gravel (limestone)	8'-10'	1.5'	13-16-20-22	3.2	Dry, Stiff
10						
11	RB/RG/B CLAY, with G Silt mottling and varves, some Gravel (limestone)	10'-12'	1.4'	11-12-12-14	6.5	Dry, Stiff
12						
13	1.0' RB/RG/B CLAY, with G Silt mottling and varves, some Gravel (limestone)					Damp, Plastic
14	0.4' G/GB SILT, some Clay, little Gravel (limestone)	12'-14'	1.4'	8-9-12-20	9.2	Wet
15	G SILT, few Cobbles (limestone)	14'-14.6'	0.1'	4-50(6)	4.2	Wet
16	End of Exploration					

NES, Inc.
44 Shelter Rock
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Boring/Well ID: B-11

NES Project No: 3947 - 3948

Date Installed: 3/25/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	0.9' B SILT, F SAND, and ORGANICS, 0.3' RB/RG CLAY	0'-2'	1.2'	2-2-4-6	0.9	Dry, Stiff
2	RG/RB CLAY, with B Silt mottling and varves, some B Silt, trace Gravel (limestone)	2'-4'	1.0'	2-6-5-4	0.7	Damp, Plastic
4	0.5' RB/RG CLAY, with B Silt mottling and varves, 0.6' B FILL, SILT, and ORGANICS, 0.5' RB/RG CLAY	4'-6'	1.6'	2-2-5-9	1.1	Damp, Stiff
6	RB/RG/GB CLAY, little G Silt mottling and varves, trace Gravel (limestone)	6'-8'	0.9'	5-15-17-26	1.7	Damp, Very Stiff
8	RB/RG/GB CLAY, with G Silt mottling and varves, some Gravel (limestone)	8'-10'	2.0'	9-11-19-24	1.6	Damp, Stiff
10	RB/RG/GB CLAY, with G Silt mottling and varves, some Gravel (limestone)	10'-12'	1.2'	12-11-20-24	1.6	Damp, Stiff
12	1.1' RB/RG/GB SILT and CLAY, some G/GB CLAY lenses, 0.5' G/B SILT, some Clay	12'-14'	1.6'	16-18-16-11	4.5	Wet
14	B/BG SILT, trace Gravel (limestone) and Cobbles	14'-15.5'	1.5'	58-11-9-50(2)	1.4	Wet
15						Refusal
16	End of Exploration					

Boring/Well ID: B-12

NES Project No: 3947 - 3948

Date Installed: 3/25/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	0.2' TOPSOIL, 1' B/RB CLAY and SILT with mottling and varves, trace Gravel (limestone), and Organics	0'-2'	1.1'	2-3-3-2	0.8	Damp, Plastic
2	RB/B/GB CLAY and SILT, little Organics, trace fine Sand.	2'-4'	1.1'	4-6-8-8	0.5	Damp
3						
4	B/RB/RG CLAY with B/G Silt mottling and vaves	4'-6'	1.2'	12-8-14-19	0.6	Dry, Stiff
5						
6	B/RB/RG CLAY, with G Silt mottling and varves	6'-8'	1.6'	15-18-26-33	1.3	Dry, Stiff
7						
8	RB/RG CLAY, with G Silt mottling and varves	8'-10'	2.0'	15-18-29-33	1.4	Dry, Stiff
9						
10	1.9' RB/RG CLAY, with G Silt mottling and varves	10'-12'	2.0'	6-9-10-8	1.1	Damp, Plastic
11	0.1' RG SILT					
12	1' G/RG SILT, some Clay	12'-13.5'	2.0'	8-7-4-50(4)	1.8	Wet
13	1' G/RG SILT					Refusal
14	End of Exploration					
15						
16						

NES, Inc.
44 Shelter Rock
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Boring/Well ID: B-13

NES Project No: 3947 - 3948

Date Installed: 3/25/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	0.2' BALLAST 0.2' RB/RG CLAY, some Gravel (limestone)	0'-2'	0.4'	5-9-11-13	1.9	Wet
2	0.1' BALAST 0.4' B/RB GB SILT and CLAY, some Gravel and Organics	2'-4'	0.5'	4-4-4-5	1.7	Wet
4	B/BG CLAY, with B Silt mottling and varves	4'-6'	1.2'	9-10-18-22	1.2	Dry, Stiff
6	RB/GB CLAY, with G Silt mottling and varves	6'-8'	1.3'	20-19-21-30	3.5	Dry, Stiff
8	RGB CLAY, with G Silt mottling and varves	8'-10'	0.1'	16-19-20-19	2.7	Slightly Damp
10	RGB CLAY, with G Silt mottling and varves	10'-12.5'	1.7'	12-20-19-50(4)	7.5	Damp, Plastic
11	0.2' G/GB SILT and CLAY					
12						Refusal
13	End of Exploration					
14						
15						
16						

NES, Inc.
44 Shelter Rock
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Boring/Well ID: B-14

NES Project No: 3947 - 3948

Date Installed: 3/26/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description

Depth	Formation Description	Sample Number	Recovery	N Value	PID Reading	Details
0	Ground Surface					
1	NO SAMPLE					NO SAMPLE
2	B/DG FILL, BALLAST, SILT, and fine to medium Sand	0'-2'	0	0-4-4-3		
3		2'-4'	0.4'	5-6-6-10	2.4	Wet
4	DRB/DRG CLAY, with G Silt mottling and varves, some Gravel (limestone)	4'-6'	1.5'	4-11-15-16	1.8	Stiff, Wet (from above)
6	DRB/DRG CLAY, with G Silt mottling and varves, some Gravel (limestone)	6'-8'	0.8'	16-20-32-20	2.1	Damp, Slightly Plastic
8	0.8' RG CLAY, with G Silt mottling and varves, some Gravel (limestone); 1' DG/DB SILT, some Gravel (limestone) and Clay	8'-9'	1.8'	3-8-12-12	5.7	Wet, Plastic
9		9'-10'			21.5	Wet, Slight Odor
10	DG/G SILT, some Gravel (limestone), little Clay					
11		10'-12'	1.9'	4-8-12-12	4.2	Wet
12	DG/G SILT, some Clay and Gravel (limestone)	12'-12.5'	0.3'	12-50(1)	4.6	Wet Refusal
13	End of Exploration					
14						
15						
16						

NES, Inc.
44 Shelter Rock
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(203) 796-5000

Boring/Well ID: B-15

NES Project No: 3947 - 3948

Date Installed: 3/26/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Depth	Formation Description	Sample Number	Recovery	N Value	PID Reading	Details
0	Ground Surface					
1	DG/DB/BI FILL, some Clay	0'-2'	0.3'	3-7-6-4	2.2	Wet
2	0.5' DG SILT and FILL					
3	0.3' DB/DBR SILT, some Clay	2'-4'	1.0'	3-5-7-6	2.1	Wet, Stiff
4	0.2' B/RB CLAY, with G Silt mottling and varves					
5	0.1' WOOD	4'-6'	1.5'	10-15-18-30	2.2	Dry, Very Stiff
6	1.4' B/RB SILT, with G Silt mottling, few varves					
7	0.9' RB CLAY, with G Silt mottling and two lenses Wood, Gravel (limestone), and Organics	6'-8'	1.4'	15-22-26-30	3.4	Dry, Very Stiff
8	1' RB CLAY, some Silt					
9	B/RGB SILT, some Clay, trace Gravel (limestone)	8'-10'	2.0'	5-6-5-10		Wet, Plastic
10	G/GB SILT and CLAY, trace Cobbles	10'-12'	0.2'	9-17-14-26		Wet
11						
12	RGB SILT, little Gravel (limestone), trace Clay and Cobbles	12'-13.6'	0.2'	14-20-50(1)	3.9	Very Wet Refusal
13						
14	End of Exploration					
15						
16						

NES, Inc.
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Boring/Well ID: B-16

NES Project No: 3947 - 3948

Date Installed: 3/26/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Gliata

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description

Depth ft	Formation Description	Sample Number	Recovery	N Value	PID Reading	Details
0	Ground Surface					
1	DG FILL (Ballast, Cinders) and DG/RB CLAY	0'-2'	0.5'	3-3-4-4	7.2	Discoloration Wet, Slight Odor
2	0.5' DG/BI SILT and 0.4' RB/RG CLAY with G Silt mottling	2'-4'	0.9'	4-5-7-9	2.7	Wet, Stiff
3	RB/RG CLAY with G Silt mottling and varves	4'-6'	1.5'	12-18-24-26	2.7	Dry, Very Stiff
4	RB/RG/BG CLAY with G Silt mottling and varves	6'-8'	1.1'	18-20-20-18	1.8	Dry, Stiff
5	0.1' RG/RB CLAY with G Silt mottling and varves	8'-8.9'	1.7'	5-6-7-5	2.8	Wet
6	0.8' RB/RG CLAY and B/BG SILT 0.8' B/BG SILT	8.9'-10'			3.2	Wet
7	1' RB/G/RG SILT and CLAY 1' G/GB SILT, little Clay and Gravel (limestone)	10-12'	2.0'	3-5-20-50(6)		Wet
8	End of Exploration					Refusal
9						
10						
11						
12						
13						
14						
15						
16						

NES, Inc.
44 Shelter Rock
Road
Danbury, CT 06810
(203) 796-5000

Boring/Well ID: B-17

NES Project No: 3947 - 3948

Date Installed: 3/26/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Depth	Formation Description	Sample Number	Recovery	N Value	PID Reading	Details
0	Ground Surface					
1	BI FILL (Ballast Cinders) and B SILT DB/DG/BI SILT	0.5'-2'	0.4'	5-7-9-12	2.5	Dry
2		2'-4'	1.4'	3-4-6-6	8.9	Petroleum Staining Wet Petroleum Staining
4	0.1' DB/DG/BI FILL 1.3' RGB CLAY, with G Silt mottling, some Gravel (limestone)	4'-6'	1.4'	3-5-10-17	5.1	Damp, Stiff
5		6'-8'	0.8'	5-11-10-18	22.2	Dry, Stiff
6	RGB CLAY, with G Silt mottling and varves, little Gravel (limestone)	8'-10'	1.3'	7-15-20-27	3.1	Dry, Stiff
7		10'-12'	1.7'	5-8-10-10	3.1	Wet, Plastic
8	RGB/Gr CLAY, with G Silt mottling and varves	12'-14'	1.3'	13-15-20-20	3.9	Wet
9		14'-16'	0.05	50(1")	NA	NO SAMPLE Refusal
10	RGB/Gr CLAY, grading to RGB SILT and CLAY					
11	DG/GB SILT and CLAY, little Gravel (limestone)					
12	0.4' GB SILT, little CLAY					
13	NO SAMPLE					
14	End of Exploration					
15						
16						

NES, Inc.
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Boring/Well ID: B-18

NES Project No: 3947 - 3948

Date Installed: 3/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	BI ASPHALT and CINDERS	0'-2'	0.1'	7-5-5-5	0	Wet, NO SAMPLE
2	NO SAMPLE					
3		2'-4'	0	4-4-3-3	0	Wet, NO SAMPLE
4	DRGB CLAY, with G Silt mottling					
5		4'-6'	1.5'	4-7-9-9	3.1	Staining, Damp, Slight Stiff
6	RB/RG CLAY, with G Silt mottling, little Gravel (limestone)					
7		6'-8'	1.4'	3-18-19-261-14-1	7.4	Dry, Very Stiff
8	RB/RG CLAY, with G Silt mottling and varves, little Gravel (limestone)					
9		8'-10'	1.6'	7-11-14-16	8.2	Dry, Stiff
10	0.2' RB/RG CLAY, with G Silt mottling and varves					
11	1.5' RGB SILT, little Clay	10'-12'	1.7	11-10-11-10	7.2	Wet
12	RGB SILT					
13		12'-13.1'	0.6	7-10-50(1")	6.2	Wet, Slight Odor Refusal
14	End of Exploration					
15						
16						

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Boring/Well ID: B-19

NES Project No: 3947 - 3948

Date Installed: 3/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	FILL (Slag, Cinders, Ballast)	0'-2'	1.0'	7-18-12-10	3.9	Petroleum Staining
2	BRG CLAY, with B Silt mottling, some B Silt					
3		2'-4'	0.7'	6-5-2-2	8.7	Damp, Plastic
4	0.1' FILL					Petroleum Stained
5	0.5' RG/RG CLAY, with G Silt mottling, 0.5' CLAY and B/BI SILT, little Gravel, trace Organics	4'-6'	1.4'	2-3-4-5	24.1	Damp, Plastic Staining
6	0.8' RG/RB/BI CLAY					
7	0.8' RG/RB CLAY, with GB Silt mottling	6'-8'	1.6'	12-16-18-22	3.7	Damp, Plastic
8	RB/RG CLAY, with B/GB Silt mottling and varves, and B/BG CLAY					
9		8'-10'	1.7'	8-12-15-14	3.4	Damp, Stiff
10	1.9' RGB CLAY, with B/GB Silt mottling and varves,					
11	0.1' B/GB SILT and CLAY	10'-12'	2.0'	5-8-8-10	3.5	
12	RGB SILT, some Clay little Gravel (limestone)					
13		12'-14'	1.6'	7-13-13-14	2.3	Wet, Slight Odor
14	RGB SILT, some Clay and Gravel (limestone)	14'-14.5'	0.2'	15-50(2")		Refusal
15	End of Exploration					
16						

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Boring/Well ID: B-20

NES Project No: 3947 - 3948

Date Installed: 3/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	0.1' B TOPSOIL					
2	0.6' FILL, 0.4' RB/RG CLAY with G Silt mottling	0'-2'	1.1'	5-13-17-17	NA	Damp
3	0.1' BALLAST and CLAY					
4	0.9' RB/RG CLAY, with RG Silt mottling and varves	2'-4'	1.0'	5-6-5-5	NA	Damp, Stiff
5	RB/RG CLAY, with G Silt mottling, and DG/DB SILT	4'-6'	1.2'	3-3-6-6	NA	Petroleum Staining, Damp Partly Stiff Petroleum Staining
6	RGB CLAY, with G Silt mottling, one B SILT and BI CINDERS lens	6'-8'	1.7'	4-16-18-23	NA	Dry, Stiff
7	RGB CLAY, with G Silt mottling, one B SILT and BI CINDERS lens	8'-10'	1.7'	11-16-22-24	NA	Dry, Stiff
8	1.3' RG/RB CLAY, with G Silt mottling and varves					
9	0.5' YBG SILT and RB/RG CLAY	10'-12'	1.8'	4-11-14-14	NA	Damp, Partly Stiff
10	0.5' RB/RG SILT and CLAY					
11	0.5' BRG SILT, some Clay	12'-14'	1.7'	12-14-20-20	NA	Wet
12	0.7' BRG SILT, little Clay and Gravel (limestone)					
13	RG SILT, some Gravel (limestone) little Clay	14'-16'	1.8'	9-12-11-11	NA	
14	End of Exploration	16'-16.2'	0.0	50(2)	NA	NO SAMPLE, Refusal

NES, Inc.
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Boring/Well ID: AB-1

NES Project No: 3947 - 3948

Date Installed: 3/26/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	0.1' BI GRAVEL BALLAST 0.7' RB/RG CLAY, with G Silt varves and mottling RB/RG CLAY, few BI Ballast lenses.	0'-2'	0.8'	4-6-9-13	2.2	Dry, Stiff
2		2'-4'	1.2'	9-10-18-18	2.2	Dry, Stiff
3	0.5' RB/RG CLAY; 0.1' GRAVEL 0.5' YB/B SILT, little F Sand and Gravel (limestone)	4'-6'	1.1'	8-10-15-20	1.8	Damp
4		6'-7.5'	1.5'	8-10-16-20	1.7	Wet
5	1.5' YB/B SILT, some Gravel (limestone), little Clay 0.5' RGB SILT, some Gravel (limestone)	7.5'-8'	0.5		1.4	Wet
6		8'-9.2'	1.0'	8-18-50(3)	0.8	Wet Refusal
7	0.9' G/GB SILT, some Gravel (limestone); 0.1' G/GB SILT and CLAY, Cobble (limestone) in tip.					
8	End of Exploration					
9						
10						
11						
12						
13						
14						
15						
16						

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Boring/Well ID: AB-2

NES Project No: 3947 - 3948

Date Installed: 3/26/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 2'

Address: P.O. Box 123

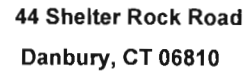
Drive Hammer Weight: 140 lb.

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	N Value	PID Reading	Details
Depth						
0	Ground Surface					
1	0.1' FILL and BALLAST 1.3' RB/RG CLAY, with B Silt mottling, little Gravel (limestone)	0'-2'	1.4'	3-4-6-9	0.1	Dry, Stiff
2	RGB CLAY, with G Silt mottling					
3		2'-4'	1.0'	10-13-11-10	0.2	Dry, Stiff
4	1.7' RB/RG CLAY 0.1' YB SILT and CLAY					Dry, Stiff
5		4'-6'	1.8'	8-10-10-10	0.3	Damp
6	YB/B/GB SILT, some Gravel (limestone) and Clay					
7		6'-8'	2.0'	4-8-10-15	0.6	Wet
8	RGB SILT, little Gravel					
9		8'-10'	1.5	14-17-18-14	1.1	Wet
10	1' G SILT, some Clay 0.6' G/GB SILT, CLAY, and GRAVEL (limestone)					
11		10'-12'	1.0'	14-19-27-48	2.2	Damp
12						
13		12'-14'				NO SAMPLE
14	G/GB SILT, some Clay and Cobbles (limestone)					
15		14'-15.3'	1.3	15-26-50(3)	2.0	Wet Refusal
16	End of Exploration					

APPENDIX B

ANALYTICAL RESULTS



NES Project No: 3947 - 3948	Date Installed: 7/27/98
Case/Site ID No.: Leica Optical Site	Geol/Eng: J. Glista
Permit No.: NA	Driller: Maxim Technologies
Client: Leica, Inc.	Stainless Steel Split-Spoon: 4'
Address: P.O. Box 123	Drive Hammer Weight: NA
Address: Buffalo, NY	

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	0.8' DRB BALLAST, CINDERS and C SAND; 0.2' B SILT and FILL (Fire Brick); 1.0' BI CLAY and SILT, trace Organics and Gravel	0'-4'	2.0'	0'-4'	23.7	Petroleum Soaked, Damp	FILL SILT/CLAY
2							
3							
4							
5	1.0' BI CLAY and SILT, trace Organics and Gravel; 3.0' RGB CLAY with G Silt mottling, trace Gravel	4'-8'	4.0'	4'-5'	59.8	Petroleum Soaked, Damp Odor	CLAY
6							
7							
8							
9	1.75' RGB CLAY with G Silt mottling, trace Gravel; 1.75' B/GB/GRB SILT, little Clay, trace Gravel	8'-12'	3.0'	8'-10'	0.9	Wet	SILT
10							
11							
12							
13	RB/GRB SILT, little Clay and Gravel 1.5' G/GRB SILT and GRAVEL, little Clay	12'-14.5'	2.5'	12'-14.5'	0.5	Damp, Tight	SILT
14							
15	End of Exploration					Refusal	
16							
17							



44 Shelter Rock Road
Danbury, CT 06810

Boring/Well ID: B-22

NES Project No: 3947 - 3948

Date Installed: 7/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	1.0' DG/B/BI BALLAST, CINDERS and GRAVEL; 2.0' BI SILT, fine to coarse SAND, and FILL	0'-4'	3.0'	0'-4'	5.4	Petroleum Soaked, Wet, Odor	FILL
2							
3							
4							
5	0.8' BI SILT, fine to coarse SAND and FILL; 3.2' B/RB CLAY with G Silt mottling	4'-8'	4.0'	4'-8'	0.6	Petroleum Soaked, Wet Dry, Dense, Stiff	CLAY
6							
7							
8							
9	1.8' B/RB CLAY with G Silt mottling, 0.5' B/YB SILT with OB Silt varves, 0.7' GRB SILT, some	8'-11'	3.0'	8'-11'	NA	Wet	SILT
10							
11							
12							
13	Clay, little Gravel GRB SILT, little Clay, fine Sand, and Gravel	11'-15'	4.0'	11'-15'	0.4	Refusal	
14							
15							
16							
17	End of Exploration						



44 Shelter Rock Road
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Boring/Well ID: B-23

NES Project No: 3947 - 3948

Date Installed: 7/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	1.0' DG/BI SILT, CINDERS and GRAVEL, some Clay	0'-4'	2.0'	0'-4'	0.7	Petroleum Soaked, Wet, Odor	FILL
2							
3							
4	1.0' DB SILT and Organics 3.0' GRB CLAY, with G Silt mottling	4'-8'	4.0'	4'-8'	0.1	Petroleum Soaked (weathered) Dry, Stiff	SILT CLAY
5							
6							
7	1.5' GRB CLAY, with G Silt mottling 2.5' RG/GB SILT, little Clay and Gravel	8'-12'	4.0'	8'-12'	0.5	Wet, Plastic	SILT
8							
9							
10	RB/RGB SILT, little Clay and Gravel	12-13.5	1.5'	12-13.5	0.3	Wet	Refusal
11							
12							
13	End of Exploration						
14							
15							
16							
17							



44 Shelter Rock Road
Danbury, CT 06810

Boring/Well ID: B-24

NES Project No: 3947 - 3948

Date Installed: 7/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	2.5' G/B/OB/T BALLAST, SAND and FILL; 1.5' DG/BI SILT, CLAY, and FILL	0'-4'	2.0'	0'-2.5'	5.4	Petroleum Soaked, Wet, Odor	FILL
2							
3			0'-4'	1.0'	2.5'-4'	5.4	
4	0.6' DG/BI SILT, CLAY, and FILL 3.4' RB/RG CLAY with G Silt mottling					Petroleum Soaked Wet, Odor Dense, Dry, Stiff	CLAY
5							
6			4'-8'	4.0'	4'-8'	0.1	
7	2.0' RB/RG CLAY with G Silt mottling, 1.8' RG/RGB SILT, some Clay					Dense, Dry, Stiff	
8							
9			8'-12'	3.8'	8'-10'	59.7	
10							
11		8'-12'		10'-12'	59.7	Damp, Odor	
12	1.1' RG/RGB SILT, some Clay 0.9' RG SILT and GRAVEL					Damp, Compact Refusal	SILT/GRAVEL
13							
14	End of Exploration						
15							
16							
17							



44 Shelter Rock Road
Danbury, CT 06810

Boring/Well ID: B-25

NES Project No: 3947 - 3948

Date Installed: 7/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	RGB SILT, little fine Sand and Clay trace Gravel	0'-4'	4.0'	0'-4'	0.7	Dry, Friable	SILT
2							
3							
4	RGB/DGB SILT and CLAY with B Silt mottling and lenses trace Organics	4'-8'	4.0'	4'-8'	0.0	Damp, Stiff	SILT/CLAY
5							
6							
7	RB CLAY and SILT, with G Silt mottling, trace Gravel	8'-12'	4.0'	8'-12'	0.0	Very Dry, Stiff	CLAY/SILT
8							
9							
10	3.0' GB/RGB CLAY, some Silt, with G Silt mottling; 1.0' GB/B SILT, little Gravel	12'-15'	4.0'	12'-15'	0.0	Wet	CLAY
11							
12							
13	B/GB SILT, trace GRAVEL	15'-16'	4.0'	15'-16'	0.0	Wet	SILT
14							
15							
16	B/GB SILT, trace GRAVEL	16'-16.5'	0.5'	16'-16.5'	0.0	Refusal	
17	End of Exploration						



44 Shelter Rock Road
Danbury, CT 06810

Boring/Well ID: B-26

NES Project No: 3947 - 3948

Date Installed: 7/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	1.5' B SILT, some fine Sand and Organics; 1.5' B/RB SILT, some Clay and fine Sand, trace Gravel; 1.0' B SILT, some Clay, trace Cobbles						SILT
2		0'-4'	4.0'	0'-4'	0.0	Damp	
3							
4	B/RB CLAY with G Silt mottling						CLAY
5						Dry, Stiff	
6		4'-8'	4.0'	4'-8'	0.0		
7	B/RB CLAY with G Silt mottling						
8							
9		8'-11'	3.0'	8'-11'	0.0	Slightly Damp, Stiff	
10	GB SILT and CLAY						SILT/CLAY
11							
12		11'-12'	1.0'	11'-12'	0.0	Damp, Plastic	
13	B/GB/G SILT, trace fine Sand and Gravel						SILT
14		12'-14.5'	1.5'	12'-14.5'	0.0	Damp/Wet	
15						Refusal	
16	End of Exploration						
17							



44 Shelter Rock Road
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Boring/Well ID: B-27

NES Project No: 3947 - 3948

Date Installed: 7/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	G/B/OB FILL and BALLAST					Petroleum Soaked, Wet, Odor	FILL
2		0'-4'	1.2'	0'-4'	3.9		
3						Dry, Stiff, Odor	SILT/CLAY
4		4'-8'	4.0'	4'-4.5'	15.7		
5	0.5' GRAVEL; 1.3' B/RB SILT and CLAY with G Silt mottling; 2.2' RGB CLAY with G Silt mottling	4'-8'		4.5'-5.8'	15.7	Dry, Stiff, Odor	CLAY
6							
7		4'-8'		5.8'-8'	15.7	Wet, Odor	SILT
8	RGB CLAY with G Silt mottling; GB SILT						
9							
10		8'-12'	4.0'	8'-12'	17.8		
11	RG SILT some Gravel					Damp, Odor	
12							
13		12'-13.5'	1.5'	12'-13.5'	39.8	Refusal	
14	End of Exploration						
15							
16							
17							



44 Shelter Rock Road
Danbury, CT 06810

Boring/Well ID: B-28

NES Project No: 3947 - 3948

Date Installed: 7/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	GB/G/B/OB FILL, BALLAST, SILT, and fine to coarse SAND	0'-4'	1.8'	0'-4'	2.0	Slightly Damp	FILL
2							
3							
4	0.5' FILL; 3.3' RGB CLAY with G Silt mottling, little fine Sand and Silt	4'-8'	3.8'	4'-8'	1.7	Dry, Stiff	CLAY
5							
6							
7	0.3' B SILT and CLAY; 1.5' B SILT, some Clay	8'-12'	1.8'	8'-12'	1.9	Wet	SILT/CLAY
8							
9							
10	B SILT, some Gravel	12'-14'	1.0'	12'-14'	NA	Wet	SILT
11							
12							
13	End of Exploration					Refusal	
14							
15							
16							
17							



44 Shelter Rock Road
Danbury, CT 06810

Boring/Well ID: B-29

NES Project No: 3947 - 3948

Date Installed: 7/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	B/BI FILL, WOOD, fine to coarse SAND, and GRAVEL	0'-4'	1.5'	0'-4'	15.9	Petroleum Soaked, Wet, Odor	FILL
2							
3							
4	B/BI FILL, WOOD, fine to coarse SAND, and Gravel; 3.7' RG CLAY with G Silt mottling	4'-8'	4.0'	4'-8'	117	Damp, Stiff, Odor	CLAY
5							
6							
7	RGB CLAY, with G Silt mottling; 2.0' RGB SILT, little Clay and Gravel	8'-12'	4.0'	8'-12'	85.7	Wet, Odor	SILT
8							
9							
10	GRB SILT and GRAVEL	8'-12'		8'-12'	85.7		
11							
12		12'-12.5'	0.5'	12'-12.5'	NA	No Sample, Wet, Odor Refusal	SILT/GRAVEL
13	End of Exploration						
14							
15							
16							
17							



44 Shelter Rock Road
Danbury, CT 06810

Boring/Well ID: B-30

NES Project No: 3947 - 3948

Date Installed: 7/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	B FILL and BALLAST; 1.0' SILT, some Organics and Clay	0'-4'	2.0'	0'-4'	3.9	Petroleum Soaked, Wet, Odor	FILL
2							
3							
4	RGB CLAY with G Silt mottling	4'-8'	4.0'	4'-8'	NA	Damp, Stiff	CLAY
5							
6							
7	RGB CLAY with G Silt mottling	8'-12'	4.0'	8'-12'	2.1	Damp, Plastic	SILT
8							
9							
10	RGB CLAY with G Silt mottling; 1.5' RG SILT, some Gravel	12'-12.6'	0.5'	12'-12.6'	2.1	Wet, Odor Refusal	
11							
12	End of Exploration						
13							
14							
15							
16							
17							



44 Shelter Rock Road
Danbury, CT 06810

Boring/Well ID: B-31

NES Project No: 3947 - 3948

Date Installed: 7/27/98

Case/Site ID No.: Leica Optical Site

Geol/Eng: J. Glista

Permit No.: NA

Driller: Maxim Technologies

Client: Leica, Inc.

Stainless Steel Split-Spoon: 4'

Address: P.O. Box 123

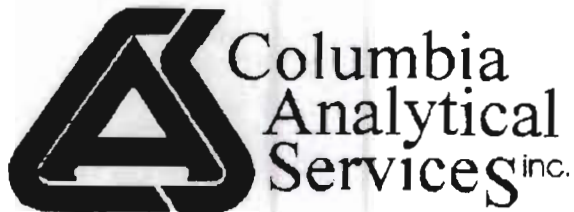
Drive Hammer Weight: NA

Address: Buffalo, NY

Formation Description		Sample Number	Recovery	Depth Interval	PID Reading	Details	Soil Type
Depth							
0	Ground Surface						
1	DB FILL, BALLAST, SILT and CLAY, trace Gravel and Organics						FILL
2		0'-4'	2.0'	0'-4'	2.0	Slightly Damp	
3							
4	0.5' DB FILL, BALLAST, SILT and CLAY, trace Gravel and Organics; 3.5' RGB CLAY with G Silt mottling						CLAY
5						Slightly Damp, Stiff	
6		4'-8'	4.0'	4'-8'	2.6		
7	3.0' RGB CLAY with G Silt mottling; 1.0' RG SILT, trace Gravel						
8							
9		8'-11'	3.0'	8'-11'	4.3	Wet	
10	RG SILT, some Gravel						SILT
11		11'-12'	1.0'	11'-12'	4.3		
12		12'-13'	1.0'	12'-13'	5.4	Wet	
13	End of Exploration					Refusal	
14							
15							
16							
17							

APPENDIX B

ANALYTICAL RESULTS



A FULL SERVICE ENVIRONMENTAL LABORATORY

April 27, 1998

Mr. Mark Cambra
NES/INTEGRATED ENVIRO SERVICES
44 Shelter Rock Road
Danbury, CT 06810

PROJECT:LEICA, CHEEKTOWAGA NY
Submission #:9803000355

Dear Mr. Cambra

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (716) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

A handwritten signature in cursive script, appearing to read 'Mark Wilson', is written over the printed name.

Mark Wilson
Client Service Manager

Enc.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director prior to report submittal.

A handwritten signature in cursive script, appearing to read 'Michael R. Perry', is written over the printed name.



Effective 04/01/96

CAS LIST OF QUALIFIERS

(The basis of this proposal are the EPA-CLP Qualifiers)

- U - Indicates compound was analyzed for but was not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. For further explanation see case narrative / cover letter.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- N - Spiked sample recovery not within control limits.
(Flag the entire batch - Inorganic analysis only)
- * - Duplicate analysis not within control limits.
(Flag the entire batch - Inorganic analysis only)
 - Also used to qualify Organics QC data outside limits.
- D - Spike diluted out.
- S - Reported value determined by Method of Standard Additions. (MSA)
- X - As specified in the case narrative.

CAS Lab ID # for State Certifications

NY ID # in Rochester: 10145
CT ID # in Rochester: PH0556
MA ID # in Rochester: M-NY032

NJ ID # in Rochester: 73004
RI ID # in Rochester: 158

CASE NARRATIVE

COMPANY: NES/Integrated Enviro Services

Leica

SUBMISSION #: 9803000355

NES soil samples were collected on 03/23-27/98 and received at CAS on 03/25-27/98 in good condition.

VOLATILE ORGANICS

Soil samples were analyzed for the Target Compound List (TCL) of volatile organics by EPA Method 8260 from SW-846.

Samples B-5 12-13.5', B-11 13.5-14' and B-15 2-4' were analyzed for site specific QC. All matrix spike recoveries and RPD were within QC limits.

All surrogate recoveries were within QC Limits except for DBFM in sample B-12 2'-4'. This sample was repeated to confirm this QC problem.

Several samples were analyzed at dilutions to obtain target compounds within the linear range of the methods or due to high levels of interfering organics.

All tuning criteria for BFB were met.

The initial and continuing calibration criteria were met for all analytes.

All samples were analyzed within the holding time as specified in the method.

No other analytical or QC problems were encountered.

TOC

Nine soil samples were analyzed for Total Organic Carbon by EPA 9060.

This analysis was performed by a subcontract lab.

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-1 8'-11'

Date Sampled : 03/24/98 Order #: 201150 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 70.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED	: 04/02/98		
ANALYTICAL DILUTION:	5.0		Dry Weight
ACETONE	20	240	UG/KG
BENZENE	5.0	35 U	UG/KG
BROMODICHLOROMETHANE	5.0	35 U	UG/KG
BROMOFORM	5.0	35 U	UG/KG
BROMOMETHANE	5.0	35 U	UG/KG
2-BUTANONE (MEK)	10	71 U	UG/KG
CARBON DISULFIDE	10	71 U	UG/KG
CARBON TETRACHLORIDE	5.0	35 U	UG/KG
CHLOROBENZENE	5.0	35 U	UG/KG
CHLOROETHANE	5.0	35 U	UG/KG
CHLOROFORM	5.0	35 U	UG/KG
CHLOROMETHANE	5.0	35 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	35 U	UG/KG
1,1-DICHLOROETHANE	5.0	35 U	UG/KG
1,2-DICHLOROETHANE	5.0	35 U	UG/KG
1,1-DICHLOROETHENE	5.0	35 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	35 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	35 U	UG/KG
1,2-DICHLOROPROPANE	5.0	35 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	35 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	35 U	UG/KG
ETHYLBENZENE	5.0	210	UG/KG
2-HEXANONE	10	71 U	UG/KG
METHYLENE CHLORIDE	5.0	35 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	71 U	UG/KG
STYRENE	5.0	35 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	35 U	UG/KG
TETRACHLOROETHENE	5.0	35 U	UG/KG
TOLUENE	5.0	35 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	35 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	35 U	UG/KG
TRICHLOROETHENE	5.0	35 U	UG/KG
VINYL CHLORIDE	5.0	35 U	UG/KG
O-XYLENE	5.0	400	UG/KG
M+P-XYLENE	5.0	1000	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	114	%
TOLUENE-D8	(81 - 117 %)	106	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	102	%

COLUMBIA ANALYTICAL SERVICES

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference:LEICA, CHEEKTOWAGA NY

Client Sample ID :B-1 12'

Date Sampled : 03/24/98

Order #: 201151

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/25/98

Submission #:9803000355

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
SUB CONTRACTED ANALYSIS TOC *	1.00	23900	MG/KG	04/22/98	1.0
WET CHEMISTRY PERCENT SOLIDS	1.0	88.8	%	04/06/98	1.0

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-1 12'

Date Sampled : 03/24/98 Order #: 201151 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 88.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/01/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.6 U	UG/KG
BROMOFORM	5.0	5.6 U	UG/KG
BROMOMETHANE	5.0	5.6 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.6 U	UG/KG
CHLOROBENZENE	5.0	5.6 U	UG/KG
CHLOROETHANE	5.0	5.6 U	UG/KG
CHLOROFORM	5.0	5.6 U	UG/KG
CHLOROMETHANE	5.0	5.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	23	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
ETHYLBENZENE	5.0	38	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.6 U	UG/KG
TETRACHLOROETHENE	5.0	5.6 U	UG/KG
TOLUENE	5.0	5.6 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.6 U	UG/KG
TRICHLOROETHENE	5.0	110	UG/KG
VINYL CHLORIDE	5.0	5.6 U	UG/KG
O-XYLENE	5.0	23	UG/KG
M+P-XYLENE	5.0	39	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	104	%
TOLUENE-D8	(81 - 117 %)	115	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	117	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-2 3'-4'

Date Sampled : 03/24/98 Order #: 201152 Sample Matrix: SOIL/SEDIMENT
 Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 78.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/06/98			
ANALYTICAL DILUTION: 2500.0			Dry Weight
ACETONE	20	64000 U	UG/KG
BENZENE	5.0	16000 U	UG/KG
BROMODICHLOROMETHANE	5.0	16000 U	UG/KG
BROMOFORM	5.0	16000 U	UG/KG
BROMOMETHANE	5.0	16000 U	UG/KG
2-BUTANONE (MEK)	10	32000 U	UG/KG
CARBON DISULFIDE	10	32000 U	UG/KG
CARBON TETRACHLORIDE	5.0	16000 U	UG/KG
CHLOROBENZENE	5.0	16000 U	UG/KG
CHLOROETHANE	5.0	16000 U	UG/KG
CHLOROFORM	5.0	16000 U	UG/KG
CHLOROMETHANE	5.0	16000 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	16000 U	UG/KG
1,1-DICHLOROETHANE	5.0	16000 U	UG/KG
1,2-DICHLOROETHANE	5.0	16000 U	UG/KG
1,1-DICHLOROETHENE	5.0	16000 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	16000 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	16000 U	UG/KG
1,2-DICHLOROPROPANE	5.0	16000 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	16000 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	16000 U	UG/KG
ETHYLBENZENE	5.0	130000	UG/KG
2-HEXANONE	10	84000	UG/KG
METHYLENE CHLORIDE	5.0	16000 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	54000	UG/KG
STYRENE	5.0	16000 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	16000 U	UG/KG
TETRACHLOROETHENE	5.0	16000 U	UG/KG
TOLUENE	5.0	16000 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	16000 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	16000 U	UG/KG
TRICHLOROETHENE	5.0	16000 U	UG/KG
VINYL CHLORIDE	5.0	16000 U	UG/KG
O-XYLENE	5.0	28000	UG/KG
M+P-XYLENE	5.0	620000	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	97	%
TOLUENE-D8	(81 - 117 %)	89	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	100	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-2 8'-11'

Date Sampled : 03/24/98 Order #: 201153 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 81.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/06/98			
ANALYTICAL DILUTION: 125.0			Dry Weight
ACETONE	20	3100 U	UG/KG
BENZENE	5.0	770 U	UG/KG
BROMODICHLOROMETHANE	5.0	770 U	UG/KG
BROMOFORM	5.0	770 U	UG/KG
BROMOMETHANE	5.0	770 U	UG/KG
2-BUTANONE (MEK)	10	1500 U	UG/KG
CARBON DISULFIDE	10	1500 U	UG/KG
CARBON TETRACHLORIDE	5.0	770 U	UG/KG
CHLOROBENZENE	5.0	770 U	UG/KG
CHLOROETHANE	5.0	770 U	UG/KG
CHLOROFORM	5.0	770 U	UG/KG
CHLOROMETHANE	5.0	770 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	770 U	UG/KG
1,1-DICHLOROETHANE	5.0	770 U	UG/KG
1,2-DICHLOROETHANE	5.0	770 U	UG/KG
1,1-DICHLOROETHENE	5.0	770 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	860	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	770 U	UG/KG
1,2-DICHLOROPROPANE	5.0	770 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	770 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	770 U	UG/KG
ETHYLBENZENE	5.0	1200	UG/KG
2-HEXANONE	10	1500 U	UG/KG
METHYLENE CHLORIDE	5.0	770 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1500 U	UG/KG
STYRENE	5.0	770 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	770 U	UG/KG
TETRACHLOROETHENE	5.0	770 U	UG/KG
TOLUENE	5.0	770 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	770 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	770 U	UG/KG
TRICHLOROETHENE	5.0	1100	UG/KG
VINYL CHLORIDE	5.0	770 U	UG/KG
O-XYLENE	5.0	770 U	UG/KG
M+P-XYLENE	5.0	6000	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	92	%
TOLUENE-D8	(81 - 117 %)	92	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-2 12'-13'

Date Sampled : 03/24/98 Order #: 201154 Sample Matrix: SOIL/SEDIMEN
 Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 86.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/06/98			
ANALYTICAL DILUTION: 125.0			Dry Weight
ACETONE	20	2900 U	UG/KG
BENZENE	5.0	730 U	UG/KG
BROMODICHLOROMETHANE	5.0	730 U	UG/KG
BROMOFORM	5.0	730 U	UG/KG
BROMOMETHANE	5.0	730 U	UG/KG
2-BUTANONE (MEK)	10	1500 U	UG/KG
CARBON DISULFIDE	10	1500 U	UG/KG
CARBON TETRACHLORIDE	5.0	730 U	UG/KG
CHLOROBENZENE	5.0	730 U	UG/KG
CHLOROETHANE	5.0	730 U	UG/KG
CHLOROFORM	5.0	730 U	UG/KG
CHLOROMETHANE	5.0	730 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	730 U	UG/KG
1,1-DICHLOROETHANE	5.0	730 U	UG/KG
1,2-DICHLOROETHANE	5.0	730 U	UG/KG
1,1-DICHLOROETHENE	5.0	730 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	730 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	730 U	UG/KG
1,2-DICHLOROPROPANE	5.0	730 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	730 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	730 U	UG/KG
ETHYLBENZENE	5.0	5900	UG/KG
2-HEXANONE	10	1500 U	UG/KG
METHYLENE CHLORIDE	5.0	730 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1500 U	UG/KG
STYRENE	5.0	730 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	730 U	UG/KG
TETRACHLOROETHENE	5.0	730 U	UG/KG
TOLUENE	5.0	730 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	730 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	730 U	UG/KG
TRICHLOROETHENE	5.0	730 U	UG/KG
VINYL CHLORIDE	5.0	730 U	UG/KG
O-XYLENE	5.0	730 U	UG/KG
M+P-XYLENE	5.0	32000	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	94	%
TOLUENE-D8	(81 - 117 %)	89	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	102	%

COLUMBIA ANALYTICAL SERVICES

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference:LEICA, CHEEKTOWAGA NY

Client Sample ID :B-3 0'-3.5'

Date Sampled : 03/24/98

Order #: 201155

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/25/98

Submission #:9803000355

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
SUB CONTRACTED ANALYSIS					
TOC *	1.00	21000	MG/KG	04/22/98	1.0
WET CHEMISTRY					
PERCENT SOLIDS	1.0	80.0	%	04/06/98	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-3 0'-3.5'

Date Sampled : 03/24/98 Order #: 201155 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 80.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/06/98			
ANALYTICAL DILUTION: 1250.0			Dry Weight
ACETONE	20	31000 U	UG/KG
BENZENE	5.0	7800 U	UG/KG
BROMODICHLOROMETHANE	5.0	7800 U	UG/KG
BROMOFORM	5.0	7800 U	UG/KG
BROMOMETHANE	5.0	7800 U	UG/KG
2-BUTANONE (MEK)	10	16000 U	UG/KG
CARBON DISULFIDE	10	16000 U	UG/KG
CARBON TETRACHLORIDE	5.0	7800 U	UG/KG
CHLOROBENZENE	5.0	7800 U	UG/KG
CHLOROETHANE	5.0	7800 U	UG/KG
CHLOROFORM	5.0	7800 U	UG/KG
CHLOROMETHANE	5.0	7800 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	7800 U	UG/KG
1,1-DICHLOROETHANE	5.0	7800 U	UG/KG
1,2-DICHLOROETHANE	5.0	7800 U	UG/KG
1,1-DICHLOROETHENE	5.0	7800 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	7800 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	7800 U	UG/KG
1,2-DICHLOROPROPANE	5.0	7800 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	7800 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	7800 U	UG/KG
ETHYLBENZENE	5.0	7800 U	UG/KG
2-HEXANONE	10	16000 U	UG/KG
METHYLENE CHLORIDE	5.0	7800 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	16000 U	UG/KG
STYRENE	5.0	7800 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	7800 U	UG/KG
TETRACHLOROETHENE	5.0	7800 U	UG/KG
TOLUENE	5.0	7800 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	7800 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	7800 U	UG/KG
TRICHLOROETHENE	5.0	7800 U	UG/KG
VINYL CHLORIDE	5.0	7800 U	UG/KG
O-XYLENE	5.0	14000	UG/KG
M+P-XYLENE	5.0	100000	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	102	%
TOLUENE-D8	(81 - 117 %)	90	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-3 8'-11.5'

Date Sampled : 03/24/98 Order #: 201156 Sample Matrix: SOIL/SEDIMEN
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 79.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/01/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	130	UG/KG
BENZENE	5.0	9.5	UG/KG
BROMODICHLOROMETHANE	5.0	6.3 U	UG/KG
BROMOFORM	5.0	6.3 U	UG/KG
BROMOMETHANE	5.0	6.3 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.3 U	UG/KG
CHLOROBENZENE	5.0	6.3 U	UG/KG
CHLOROETHANE	5.0	6.3 U	UG/KG
CHLOROFORM	5.0	6.3 U	UG/KG
CHLOROMETHANE	5.0	6.3 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.3 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.3 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.3 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.3 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.3 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.3 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.3 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.3 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.3 U	UG/KG
ETHYLBENZENE	5.0	90	UG/KG
2-HEXANONE	10	13 U	UG/KG
METHYLENE CHLORIDE	5.0	6.3 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.3 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.3 U	UG/KG
TETRACHLOROETHENE	5.0	6.3 U	UG/KG
TOLUENE	5.0	10	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.3 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.3 U	UG/KG
TRICHLOROETHENE	5.0	6.3 U	UG/KG
VINYL CHLORIDE	5.0	6.3 U	UG/KG
O-XYLENE	5.0	140	UG/KG
M+P-XYLENE	5.0	380	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	101	%
TOLUENE-D8	(81 - 117 %)	97	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	107	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-3 12'-13.5'

Date Sampled : 03/24/98 Order #: 201157 Sample Matrix: SOIL/SEDIMEN
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 87.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/01/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	37	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	25	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	102	%
TOLUENE-D8	(81 - 117 %)	110	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	114	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-4 0'-4'

Date Sampled : 03/24/98 **Order #:** 201158 **Sample Matrix:** SOIL/SEDIMENT
Date Received: 03/25/98 **Submission #:** 9803000355 **Percent Solid:** 77.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/02/98			
ANALYTICAL DILUTION: 5.0			Dry Weight
ACETONE	20	220	UG/KG
BENZENE	5.0	32 U	UG/KG
BROMODICHLOROMETHANE	5.0	32 U	UG/KG
BROMOFORM	5.0	32 U	UG/KG
BROMOMETHANE	5.0	32 U	UG/KG
2-BUTANONE (MEK)	10	64 U	UG/KG
CARBON DISULFIDE	10	64 U	UG/KG
CARBON TETRACHLORIDE	5.0	32 U	UG/KG
CHLOROBENZENE	5.0	32 U	UG/KG
CHLOROETHANE	5.0	32 U	UG/KG
CHLOROFORM	5.0	32 U	UG/KG
CHLOROMETHANE	5.0	32 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	32 U	UG/KG
1,1-DICHLOROETHANE	5.0	32 U	UG/KG
1,2-DICHLOROETHANE	5.0	32 U	UG/KG
1,1-DICHLOROETHENE	5.0	32 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	32 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	32 U	UG/KG
1,2-DICHLOROPROPANE	5.0	32 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	32 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	32 U	UG/KG
ETHYLBENZENE	5.0	32 U	UG/KG
2-HEXANONE	10	64 U	UG/KG
METHYLENE CHLORIDE	5.0	32 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	64 U	UG/KG
STYRENE	5.0	32 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	32 U	UG/KG
TETRACHLOROETHENE	5.0	32 U	UG/KG
TOLUENE	5.0	32 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	32 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	32 U	UG/KG
TRICHLOROETHENE	5.0	32 U	UG/KG
VINYL CHLORIDE	5.0	32 U	UG/KG
O-XYLENE	5.0	32 U	UG/KG
M+P-XYLENE	5.0	32 U	UG/KG

SURROGATE RECOVERIES**QC LIMITS**

4-BROMOFLUOROBENZENE	(74 - 121 %)	117	%
TOLUENE-D8	(81 - 117 %)	100	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-5 0'-4'

Date Sampled : 03/24/98 Order #: 201159 Sample Matrix: SOIL/SEDIMEN
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 81.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/06/98			
ANALYTICAL DILUTION: 125.0			Dry Weight
ACETONE	20	3100 U	UG/KG
BENZENE	5.0	760 U	UG/KG
BROMODICHLOROMETHANE	5.0	760 U	UG/KG
BROMOFORM	5.0	760 U	UG/KG
BROMOMETHANE	5.0	760 U	UG/KG
2-BUTANONE (MEK)	10	1500 U	UG/KG
CARBON DISULFIDE	10	1500 U	UG/KG
CARBON TETRACHLORIDE	5.0	760 U	UG/KG
CHLOROBENZENE	5.0	760 U	UG/KG
CHLOROETHANE	5.0	760 U	UG/KG
CHLOROFORM	5.0	760 U	UG/KG
CHLOROMETHANE	5.0	760 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	760 U	UG/KG
1,1-DICHLOROETHANE	5.0	760 U	UG/KG
1,2-DICHLOROETHANE	5.0	760 U	UG/KG
1,1-DICHLOROETHENE	5.0	760 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	760 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	760 U	UG/KG
1,2-DICHLOROPROPANE	5.0	760 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	760 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	760 U	UG/KG
ETHYLBENZENE	5.0	760 U	UG/KG
2-HEXANONE	10	1500 U	UG/KG
METHYLENE CHLORIDE	5.0	760 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1500 U	UG/KG
STYRENE	5.0	760 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	760 U	UG/KG
TETRACHLOROETHENE	5.0	760 U	UG/KG
TOLUENE	5.0	760 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	760 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	760 U	UG/KG
TRICHLOROETHENE	5.0	3300	UG/KG
VINYL CHLORIDE	5.0	760 U	UG/KG
O-XYLENE	5.0	760 U	UG/KG
M+P-XYLENE	5.0	1800	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	106	%
TOLUENE-D8	(81 - 117 %)	95	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	100	%

COLUMBIA ANALYTICAL SERVICES

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference:LEICA, CHEEKTOWAGA NY

Client Sample ID :B-5 4.5'-8.0'

Date Sampled : 03/24/98

Order #: 201160

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/25/98

Submission #:9803000355

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
SUB CONTRACTED ANALYSIS					
TOC *	1.00	19700	MG/KG	04/22/98	1.0
WET CHEMISTRY					
PERCENT SOLIDS	1.0	86.3	%	04/06/98	1.0

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-5 4.5'-8.0'

Date Sampled : 03/24/98 Order #: 201160 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 86.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/02/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	44	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	95	%
TOLUENE-D8	(81 - 117 %)	102	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-5 12'-13.5'

Date Sampled : 03/24/98 Order #: 201161 Sample Matrix: SOIL/SEDIMEN
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 86.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/02/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	108	%
TOLUENE-D8	(81 - 117 %)	104	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-6 0'-4'

Date Sampled : 03/24/98 Order #: 201162 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 75.4

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/03/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	27 U	UG/KG
BENZENE	5.0	6.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.6 U	UG/KG
BROMOFORM	5.0	6.6 U	UG/KG
BROMOMETHANE	5.0	6.6 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.6 U	UG/KG
CHLOROBENZENE	5.0	6.6 U	UG/KG
CHLOROETHANE	5.0	6.6 U	UG/KG
CHLOROFORM	5.0	6.6 U	UG/KG
CHLOROMETHANE	5.0	6.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.6 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.6 U	UG/KG
ETHYLBENZENE	5.0	6.6 U	UG/KG
2-HEXANONE	10	13 U	UG/KG
METHYLENE CHLORIDE	5.0	6.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.6 U	UG/KG
TETRACHLOROETHENE	5.0	6.6 U	UG/KG
TOLUENE	5.0	6.6 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.6 U	UG/KG
TRICHLOROETHENE	5.0	6.6 U	UG/KG
VINYL CHLORIDE	5.0	6.6 U	UG/KG
O-XYLENE	5.0	6.6 U	UG/KG
M+P-XYLENE	5.0	6.6 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	106	%
TOLUENE-D8	(81 - 117 %)	109	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	111	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-6 4'-8'

Date Sampled : 03/24/98 Order #: 201163 Sample Matrix: SOIL/SEDI
 Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 86.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/01/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	130	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	84	%
TOLUENE-D8	(81 - 117 %)	100	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	120	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-6 12'-14'Date Sampled : 03/24/98 Order #: 201164 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 80.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/02/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	25 U	UG/KG
BENZENE	5.0	14	UG/KG
BROMODICHLOROMETHANE	5.0	6.3 U	UG/KG
BROMOFORM	5.0	6.3 U	UG/KG
BROMOMETHANE	5.0	6.3 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.3 U	UG/KG
CHLOROBENZENE	5.0	6.3 U	UG/KG
CHLOROETHANE	5.0	6.3 U	UG/KG
CHLOROFORM	5.0	6.3 U	UG/KG
CHLOROMETHANE	5.0	6.3 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.3 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.3 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.3 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.3 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	51	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.3 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.3 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.3 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.3 U	UG/KG
ETHYLBENZENE	5.0	6.3 U	UG/KG
2-HEXANONE	10	13 U	UG/KG
METHYLENE CHLORIDE	5.0	6.3 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.3 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.3 U	UG/KG
TETRACHLOROETHENE	5.0	6.3 U	UG/KG
TOLUENE	5.0	6.3 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.3 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.3 U	UG/KG
TRICHLOROETHENE	5.0	6.3 U	UG/KG
VINYL CHLORIDE	5.0	11	UG/KG
O-XYLENE	5.0	6.3 U	UG/KG
M+P-XYLENE	5.0	6.3 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	93	%
TOLUENE-D8	(81 - 117 %)	101	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	120	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-7 4'-5.5'Date Sampled : 03/24/98 Order #: 201165 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/25/98 Submission #: 9803000355 Percent Solid: 77.4

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/06/98			
ANALYTICAL DILUTION: 625.0			Dry Weight
ACETONE	20	16000 U	UG/KG
BENZENE	5.0	4000 U	UG/KG
BROMODICHLOROMETHANE	5.0	4000 U	UG/KG
BROMOFORM	5.0	4000 U	UG/KG
BROMOMETHANE	5.0	4000 U	UG/KG
2-BUTANONE (MEK)	10	8100 U	UG/KG
CARBON DISULFIDE	10	8100 U	UG/KG
CARBON TETRACHLORIDE	5.0	4000 U	UG/KG
CHLOROBENZENE	5.0	4000 U	UG/KG
CHLOROETHANE	5.0	4000 U	UG/KG
CHLOROFORM	5.0	4000 U	UG/KG
CHLOROMETHANE	5.0	4000 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	4000 U	UG/KG
1,1-DICHLOROETHANE	5.0	4000 U	UG/KG
1,2-DICHLOROETHANE	5.0	4000 U	UG/KG
1,1-DICHLOROETHENE	5.0	4000 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	4000 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	4000 U	UG/KG
1,2-DICHLOROPROPANE	5.0	4000 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	4000 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	4000 U	UG/KG
ETHYLBENZENE	5.0	14000	UG/KG
2-HEXANONE	10	8100 U	UG/KG
METHYLENE CHLORIDE	5.0	4000 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	8100 U	UG/KG
STYRENE	5.0	4000 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	4000 U	UG/KG
TETRACHLOROETHENE	5.0	4000 U	UG/KG
TOLUENE	5.0	4000 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	4000 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	4000 U	UG/KG
TRICHLOROETHENE	5.0	4000 U	UG/KG
VINYL CHLORIDE	5.0	4000 U	UG/KG
O-XYLENE	5.0	4800	UG/KG
M+P-XYLENE	5.0	130000	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	98	%
TOLUENE-D8	(81 - 117 %)	90	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-7 5.5'-8.0'

Date Sampled : 03/24/98

Order #: 201166

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/25/98

Submission #: 9803000355

Percent Solid: 84.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/02/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	240	UG/KG
BENZENE	5.0	20	UG/KG
BROMODICHLOROMETHANE	5.0	5.9 U	UG/KG
BROMOFORM	5.0	5.9 U	UG/KG
BROMOMETHANE	5.0	5.9 U	UG/KG
2-BUTANONE (MEK)	10	22	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.9 U	UG/KG
CHLOROBENZENE	5.0	5.9 U	UG/KG
CHLOROETHANE	5.0	5.9 U	UG/KG
CHLOROFORM	5.0	5.9 U	UG/KG
CHLOROMETHANE	5.0	5.9 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.9 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.9 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
ETHYLBENZENE	5.0	210	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.9 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.9 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.9 U	UG/KG
TETRACHLOROETHENE	5.0	5.9 U	UG/KG
TOLUENE	5.0	5.9 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.9 U	UG/KG
TRICHLOROETHENE	5.0	5.9 U	UG/KG
VINYL CHLORIDE	5.0	5.9 U	UG/KG
O-XYLENE	5.0	6.6	UG/KG
M+P-XYLENE	5.0	850	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	76	%
TOLUENE-D8	(81 - 117 %)	89	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	106	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-7 12'-15.5'

Date Sampled : 03/24/98

Order #: 201167

Sample Matrix: SOIL/SEDI

Date Received: 03/25/98

Submission #: 9803000355

Percent Solid: 88.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/02/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	33	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	11	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	105	%
TOLUENE-D8	(81 - 117 %)	107	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	111	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-8 0'-4'

Date Sampled : 03/24/98

Order #: 201168

Sample Matrix: SOIL/SED

Date Received: 03/25/98

Submission #: 9803000355

Percent Solid: 83.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/02/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	6.0 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M+P-XYLENE	5.0	12	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE
TOLUENE-D8
DIBROMOFLUOROMETHANE

(74 - 121 %)
(81 - 117 %)
(80 - 120 %)

85
103
115

%
%
%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-8 4'-8'

Date Sampled : 03/24/98

Order #: 201169

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/25/98

Submission #: 9803000355

Percent Solid: 83.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/02/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	6.0 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M+P-XYLENE	5.0	6.0 U	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	100	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	116	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-8 8'-11.2'

Date Sampled : 03/24/98

Order #: 201170

Sample Matrix: SOIL/SEDI

Date Received: 03/25/98

Submission #: 9803000355

Percent Solid: 85.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/02/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	88	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	107	%
TOLUENE-D8	(81 - 117 %)	113	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	120	%

COLUMBIA ANALYTICAL SERVICES

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference:LEICA, CHEEKTOWAGA NY
Client Sample ID :B-9 0'-2'

Date Sampled : 03/25/98
Date Received: 03/26/98

Order #: 201490
Submission #:9803000355

Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
SUB CONTRACTED ANALYSIS					
TOC *	1.00	53000	MG/KG	04/22/98	1.0
WET CHEMISTRY					
PERCENT SOLIDS	1.0	82.6	%	04/08/98	1.0

* Subcontracted To:H2M Labs, Inc.

INORGANIC-4

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-9 0'-2'

Date Sampled : 03/25/98

Order #: 201490

Sample Matrix: SOIL/SEDI

Date Received: 03/26/98

Submission #: 9803000355

Percent Solid: 82.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 500.0			Dry Weig
ACETONE	20	12000 U	UG/KG
BENZENE	5.0	3000 U	UG/KG
BROMODICHLOROMETHANE	5.0	3000 U	UG/KG
BROMOFORM	5.0	3000 U	UG/KG
BROMOMETHANE	5.0	3000 U	UG/KG
2-BUTANONE (MEK)	10	6100 U	UG/KG
CARBON DISULFIDE	10	6100 U	UG/KG
CARBON TETRACHLORIDE	5.0	3000 U	UG/KG
CHLOROBENZENE	5.0	3000 U	UG/KG
CHLOROETHANE	5.0	3000 U	UG/KG
CHLOROFORM	5.0	3000 U	UG/KG
CHLOROMETHANE	5.0	3000 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	3000 U	UG/KG
1,1-DICHLOROETHANE	5.0	3000 U	UG/KG
1,2-DICHLOROETHANE	5.0	3000 U	UG/KG
1,1-DICHLOROETHENE	5.0	3000 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	3000 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	3000 U	UG/KG
1,2-DICHLOROPROPANE	5.0	3000 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	3000 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	3000 U	UG/KG
ETHYLBENZENE	5.0	3500	UG/KG
2-HEXANONE	10	6100 U	UG/KG
METHYLENE CHLORIDE	5.0	3000 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	6100 U	UG/KG
STYRENE	5.0	3000 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	3000 U	UG/KG
TETRACHLOROETHENE	5.0	3000 U	UG/KG
TOLUENE	5.0	3000 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	3000 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	3000 U	UG/KG
TRICHLOROETHENE	5.0	3000 U	UG/KG
VINYL CHLORIDE	5.0	3000 U	UG/KG
O-XYLENE	5.0	41000	UG/KG
M+P-XYLENE	5.0	74000	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	104	%
TOLUENE-D8	(81 - 117 %)	88	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-9 4'-6'

Date Sampled : 03/25/98 Order #: 201491 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/26/98 Submission #: 9803000355 Percent Solid: 77.4

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/03/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	110	UG/KG
BENZENE	5.0	6.5 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.5 U	UG/KG
BROMOFORM	5.0	6.5 U	UG/KG
BROMOMETHANE	5.0	6.5 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.5 U	UG/KG
CHLOROBENZENE	5.0	6.5 U	UG/KG
CHLOROETHANE	5.0	6.5 U	UG/KG
CHLOROFORM	5.0	6.5 U	UG/KG
CHLOROMETHANE	5.0	6.5 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.5 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.5 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.5 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.5 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.5 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.5 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.5 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.5 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.5 U	UG/KG
ETHYLBENZENE	5.0	6.5 U	UG/KG
2-HEXANONE	10	13 U	UG/KG
METHYLENE CHLORIDE	5.0	6.5 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.5 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.5 U	UG/KG
TETRACHLOROETHENE	5.0	6.5 U	UG/KG
TOLUENE	5.0	6.5 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.5 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.5 U	UG/KG
TRICHLOROETHENE	5.0	6.5 U	UG/KG
VINYL CHLORIDE	5.0	6.5 U	UG/KG
O-XYLENE	5.0	16	UG/KG
M+P-XYLENE	5.0	27	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	93	%
TOLUENE-D8	(81 - 117 %)	102	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	117	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-9 10'-12'

Date Sampled : 03/25/98

Order #: 201492

Sample Matrix: SOIL/SEDI

Date Received: 03/26/98

Submission #: 9803000355

Percent Solid: 79.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 125.0			Dry Weig
ACETONE	20	3200 U	UG/KG
BENZENE	5.0	790 U	UG/KG
BROMODICHLOROMETHANE	5.0	790 U	UG/KG
BROMOFORM	5.0	790 U	UG/KG
BROMOMETHANE	5.0	790 U	UG/KG
2-BUTANONE (MEK)	10	1600 U	UG/KG
CARBON DISULFIDE	10	1600 U	UG/KG
CARBON TETRACHLORIDE	5.0	790 U	UG/KG
CHLOROBENZENE	5.0	790 U	UG/KG
CHLOROETHANE	5.0	790 U	UG/KG
CHLOROFORM	5.0	790 U	UG/KG
CHLOROMETHANE	5.0	790 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	790 U	UG/KG
1,1-DICHLOROETHANE	5.0	790 U	UG/KG
1,2-DICHLOROETHANE	5.0	790 U	UG/KG
1,1-DICHLOROETHENE	5.0	790 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	790 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	790 U	UG/KG
1,2-DICHLOROPROPANE	5.0	790 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	790 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	790 U	UG/KG
ETHYLBENZENE	5.0	2800	UG/KG
2-HEXANONE	10	1600 U	UG/KG
METHYLENE CHLORIDE	5.0	790 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1600 U	UG/KG
STYRENE	5.0	790 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	790 U	UG/KG
TETRACHLOROETHENE	5.0	790 U	UG/KG
TOLUENE	5.0	790 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	790 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	790 U	UG/KG
TRICHLOROETHENE	5.0	790 U	UG/KG
VINYL CHLORIDE	5.0	790 U	UG/KG
O-XYLENE	5.0	790 U	UG/KG
M+P-XYLENE	5.0	790 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	99	%
TOLUENE-D8	(81 - 117 %)	90	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	95	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-9 14'-15.3'

Date Sampled : 03/25/98 Order #: 201493 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/26/98 Submission #: 9803000355 Percent Solid: 81.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/03/98			
ANALYTICAL DILUTION: 5.0			Dry Weight
ACETONE	20	120 U	UG/KG
BENZENE	5.0	31 U	UG/KG
BROMODICHLOROMETHANE	5.0	31 U	UG/KG
BROMOFORM	5.0	31 U	UG/KG
BROMOMETHANE	5.0	31 U	UG/KG
2-BUTANONE (MEK)	10	61 U	UG/KG
CARBON DISULFIDE	10	61 U	UG/KG
CARBON TETRACHLORIDE	5.0	31 U	UG/KG
CHLOROBENZENE	5.0	31 U	UG/KG
CHLOROETHANE	5.0	31 U	UG/KG
CHLOROFORM	5.0	31 U	UG/KG
CHLOROMETHANE	5.0	31 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	31 U	UG/KG
1,1-DICHLOROETHANE	5.0	31 U	UG/KG
1,2-DICHLOROETHANE	5.0	31 U	UG/KG
1,1-DICHLOROETHENE	5.0	31 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	3500	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	73	UG/KG
1,2-DICHLOROPROPANE	5.0	31 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	31 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	31 U	UG/KG
ETHYLBENZENE	5.0	420	UG/KG
2-HEXANONE	10	61 U	UG/KG
METHYLENE CHLORIDE	5.0	31 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	61 U	UG/KG
STYRENE	5.0	31 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	31 U	UG/KG
TETRACHLOROETHENE	5.0	31 U	UG/KG
TOLUENE	5.0	120	UG/KG
1,1,1-TRICHLOROETHANE	5.0	31 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	31 U	UG/KG
TRICHLOROETHENE	5.0	2300	UG/KG
VINYL CHLORIDE	5.0	1100	UG/KG
O-XYLENE	5.0	110	UG/KG
M+P-XYLENE	5.0	660	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	96	%
TOLUENE-D8	(81 - 117 %)	101	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	111	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-10 2'-4'

Date Sampled : 03/25/98 Order #: 201494 Sample Matrix: SOIL/SEDI
Date Received: 03/26/98 Submission #: 9803000355 Percent Solid: 83.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/03/98			
ANALYTICAL DILUTION: 1.0			Dry Weig.
ACETONE	20	99	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	6.0 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M+P-XYLENE	5.0	6.0 U	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	87	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	118	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-10 10'-12'

Date Sampled : 03/25/98

Order #: 201495

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/26/98

Submission #: 9803000355

Percent Solid: 82.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 5.0			Dry Weight
ACETONE	20	120 U	UG/KG
BENZENE	5.0	30 U	UG/KG
BROMODICHLOROMETHANE	5.0	30 U	UG/KG
BROMOFORM	5.0	30 U	UG/KG
BROMOMETHANE	5.0	30 U	UG/KG
2-BUTANONE (MEK)	10	61 U	UG/KG
CARBON DISULFIDE	10	61 U	UG/KG
CARBON TETRACHLORIDE	5.0	30 U	UG/KG
CHLOROBENZENE	5.0	30 U	UG/KG
CHLOROETHANE	5.0	30 U	UG/KG
CHLOROFORM	5.0	30 U	UG/KG
CHLOROMETHANE	5.0	30 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	30 U	UG/KG
1,1-DICHLOROETHANE	5.0	30 U	UG/KG
1,2-DICHLOROETHANE	5.0	30 U	UG/KG
1,1-DICHLOROETHENE	5.0	30 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	150	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	30 U	UG/KG
1,2-DICHLOROPROPANE	5.0	30 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	30 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	30 U	UG/KG
ETHYLBENZENE	5.0	30 U	UG/KG
2-HEXANONE	10	61 U	UG/KG
METHYLENE CHLORIDE	5.0	30 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	61 U	UG/KG
STYRENE	5.0	30 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	30 U	UG/KG
TETRACHLOROETHENE	5.0	30 U	UG/KG
TOLUENE	5.0	30 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	30 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	30 U	UG/KG
TRICHLOROETHENE	5.0	350	UG/KG
VINYL CHLORIDE	5.0	30 U	UG/KG
O-XYLENE	5.0	30 U	UG/KG
M+P-XYLENE	5.0	30 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	109	%
TOLUENE-D8	(81 - 117 %)	107	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	111	%

COLUMBIA ANALYTICAL SERVICES

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference:LEICA, CHEEKTOWAGA NY
Client Sample ID :B-10 12'-16'

Date Sampled : 03/25/98
Date Received: 03/26/98

Order #: 201496
Submission #:9803000355

Sample Matrix: SOIL/SEDIM

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
SUB CONTRACTED ANALYSIS					
TOC *	1.00	15300	MG/KG	04/22/98	1.0
WET CHEMISTRY					
PERCENT SOLIDS	1.0	79.6	%	04/08/98	1.0

* Subcontracted To:H2M Labs, Inc.

INORGANIC-1

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-10 12'-16'

Date Sampled : 03/25/98

Order #: 201496

Sample Matrix: SOIL/SEDI

Date Received: 03/26/98

Submission #: 9803000355

Percent Solid: 79.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 125.0			Dry Weig
ACETONE	20	3100 U	UG/KG
BENZENE	5.0	790 U	UG/KG
BROMODICHLOROMETHANE	5.0	790 U	UG/KG
BROMOFORM	5.0	790 U	UG/KG
BROMOMETHANE	5.0	790 U	UG/KG
2-BUTANONE (MEK)	10	1600 U	UG/KG
CARBON DISULFIDE	10	1600 U	UG/KG
CARBON TETRACHLORIDE	5.0	790 U	UG/KG
CHLOROBENZENE	5.0	790 U	UG/KG
CHLOROETHANE	5.0	790 U	UG/KG
CHLOROFORM	5.0	790 U	UG/KG
CHLOROMETHANE	5.0	790 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	790 U	UG/KG
1,1-DICHLOROETHANE	5.0	790 U	UG/KG
1,2-DICHLOROETHANE	5.0	790 U	UG/KG
1,1-DICHLOROETHENE	5.0	790 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	790 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	790 U	UG/KG
1,2-DICHLOROPROPANE	5.0	790 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	790 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	790 U	UG/KG
ETHYLBENZENE	5.0	790 U	UG/KG
2-HEXANONE	10	1600 U	UG/KG
METHYLENE CHLORIDE	5.0	790 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1600 U	UG/KG
STYRENE	5.0	790 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	790 U	UG/KG
TETRACHLOROETHENE	5.0	790 U	UG/KG
TOLUENE	5.0	790 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	790 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	790 U	UG/KG
TRICHLOROETHENE	5.0	6000	UG/KG
VINYL CHLORIDE	5.0	790 U	UG/KG
O-XYLENE	5.0	790 U	UG/KG
M+P-XYLENE	5.0	790 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	99	%
TOLUENE-D8	(81 - 117 %)	92	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	93	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-11 0'-2'

Date Sampled : 03/25/98 Order #: 201498 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/26/98 Submission #: 9803000355 Percent Solid: 83.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	6.0 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M+P-XYLENE	5.0	6.0 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	98	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	120	%

COLUMBIA ANALYTICAL SERVICES

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-11 6'-8'

Date Sampled : 03/25/98

Order #: 201503

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/26/98

Submission #: 9803000355

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
SUB CONTRACTED ANALYSIS					
TOC *	1.00	16000	MG/KG	04/22/98	1.0
WET CHEMISTRY					
PERCENT SOLIDS	1.0	86.0	%	04/08/98	1.0

* Subcontracted To: H2M Labs, Inc.

INORGANIC-5

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-11 6'-8'Date Sampled : 03/25/98 Order #: 201503 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/26/98 Submission #: 9803000355 Percent Solid: 86.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	96	%
TOLUENE-D8	(81 - 117 %)	114	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	120	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-11 12'-13.5'

Date Sampled : 03/25/98 Order #: 201506 Sample Matrix: SOIL/SED
Date Received: 03/26/98 Submission #: 9803000355 Percent Solid: 79.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 125.0			Dry Weight
ACETONE	20	3200 U	UG/KG
BENZENE	5.0	790 U	UG/KG
BROMODICHLOROMETHANE	5.0	790 U	UG/KG
BROMOFORM	5.0	790 U	UG/KG
BROMOMETHANE	5.0	790 U	UG/KG
2-BUTANONE (MEK)	10	1600 U	UG/KG
CARBON DISULFIDE	10	1600 U	UG/KG
CARBON TETRACHLORIDE	5.0	790 U	UG/KG
CHLOROBENZENE	5.0	790 U	UG/KG
CHLOROETHANE	5.0	790 U	UG/KG
CHLOROFORM	5.0	790 U	UG/KG
CHLOROMETHANE	5.0	790 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	790 U	UG/KG
1,1-DICHLOROETHANE	5.0	790 U	UG/KG
1,2-DICHLOROETHANE	5.0	790 U	UG/KG
1,1-DICHLOROETHENE	5.0	790 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	790 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	790 U	UG/KG
1,2-DICHLOROPROPANE	5.0	790 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	790 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	790 U	UG/KG
ETHYLBENZENE	5.0	790 U	UG/KG
2-HEXANONE	10	1600 U	UG/KG
METHYLENE CHLORIDE	5.0	790 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1600 U	UG/KG
STYRENE	5.0	790 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	790 U	UG/KG
TETRACHLOROETHENE	5.0	790 U	UG/KG
TOLUENE	5.0	790 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	790 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	790 U	UG/KG
TRICHLOROETHENE	5.0	8100	UG/KG
VINYL CHLORIDE	5.0	790 U	UG/KG
O-XYLENE	5.0	790 U	UG/KG
M+P-XYLENE	5.0	790 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	101	%
TOLUENE-D8	(81 - 117 %)	93	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	94	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-11 13.5'-14'

Date Sampled : 03/25/98 Order #: 201507 Sample Matrix: SOIL/SEDI
Date Received: 03/26/98 Submission #: 9803000355 Percent Solid: 81.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 125.0			Dry Weig.
ACETONE	20	3100 U	UG/KG
BENZENE	5.0	770 U	UG/KG
BROMODICHLOROMETHANE	5.0	770 U	UG/KG
BROMOFORM	5.0	770 U	UG/KG
BROMOMETHANE	5.0	770 U	UG/KG
2-BUTANONE (MEK)	10	1500 U	UG/KG
CARBON DISULFIDE	10	1500 U	UG/KG
CARBON TETRACHLORIDE	5.0	770 U	UG/KG
CHLOROBENZENE	5.0	770 U	UG/KG
CHLOROETHANE	5.0	770 U	UG/KG
CHLOROFORM	5.0	770 U	UG/KG
CHLOROMETHANE	5.0	770 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	770 U	UG/KG
1,1-DICHLOROETHANE	5.0	770 U	UG/KG
1,2-DICHLOROETHANE	5.0	770 U	UG/KG
1,1-DICHLOROETHENE	5.0	770 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	770 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	770 U	UG/KG
1,2-DICHLOROPROPANE	5.0	770 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	770 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	770 U	UG/KG
ETHYLBENZENE	5.0	770 U	UG/KG
2-HEXANONE	10	1500 U	UG/KG
METHYLENE CHLORIDE	5.0	770 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1500 U	UG/KG
STYRENE	5.0	770 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	770 U	UG/KG
TETRACHLOROETHENE	5.0	770 U	UG/KG
TOLUENE	5.0	770 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	770 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	770 U	UG/KG
TRICHLOROETHENE	5.0	8500	UG/KG
VINYL CHLORIDE	5.0	770 U	UG/KG
O-XYLENE	5.0	770 U	UG/KG
M+P-XYLENE	5.0	770 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	96	%
TOLUENE-D8	(81 - 117 %)	92	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-12 2'-4'

Date Sampled : 03/25/98 Order #: 201508 Sample Matrix: SOIL/SEDI
Date Received: 03/26/98 Submission #: 9803000355 Percent Solid: 77.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	26 U	UG/KG
BENZENE	5.0	6.4 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.4 U	UG/KG
BROMOFORM	5.0	6.4 U	UG/KG
BROMOMETHANE	5.0	6.4 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.4 U	UG/KG
CHLOROBENZENE	5.0	6.4 U	UG/KG
CHLOROETHANE	5.0	6.4 U	UG/KG
CHLOROFORM	5.0	6.4 U	UG/KG
CHLOROMETHANE	5.0	6.4 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.4 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.4 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.4 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.4 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.4 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.4 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.4 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.4 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.4 U	UG/KG
ETHYLBENZENE	5.0	6.4 U	UG/KG
2-HEXANONE	10	13 U	UG/KG
METHYLENE CHLORIDE	5.0	6.4 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.4 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.4 U	UG/KG
TETRACHLOROETHENE	5.0	6.4 U	UG/KG
TOLUENE	5.0	6.4 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.4 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.4 U	UG/KG
TRICHLOROETHENE	5.0	6.4 U	UG/KG
VINYL CHLORIDE	5.0	6.4 U	UG/KG
O-XYLENE	5.0	6.4 U	UG/KG
M+P-XYLENE	5.0	6.4 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	77	%
TOLUENE-D8	(81 - 117 %)	100	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	131 *	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-12 6'-8'

Date Sampled : 03/25/98 Order #: 201509 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/26/98 Submission #: 9803000355 Percent Solid: 87.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/04/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	5.7 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	78	%
TOLUENE-D8	(81 - 117 %)	98	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	119	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-12 12'-13.5'

Date Sampled : 03/25/98 Order #: 201510 Sample Matrix: SOIL/SEDI
Date Received: 03/26/98 Submission #: 9803000355 Percent Solid: 87.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/04/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	34	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	5.7 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	99	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	117	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-14 2'-4'

Date Sampled : 03/26/98 Order #: 201826 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 75.5

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	26 U	UG/KG
BENZENE	5.0	6.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.6 U	UG/KG
BROMOFORM	5.0	6.6 U	UG/KG
BROMOMETHANE	5.0	6.6 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.6 U	UG/KG
CHLOROBENZENE	5.0	6.6 U	UG/KG
CHLOROETHANE	5.0	6.6 U	UG/KG
CHLOROFORM	5.0	6.6 U	UG/KG
CHLOROMETHANE	5.0	6.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.6 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.6 U	UG/KG
ETHYLBENZENE	5.0	6.6 U	UG/KG
2-HEXANONE	10	13 U	UG/KG
METHYLENE CHLORIDE	5.0	6.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.6 U	UG/KG
TETRACHLOROETHENE	5.0	6.6 U	UG/KG
TOLUENE	5.0	6.6 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.6 U	UG/KG
TRICHLOROETHENE	5.0	6.6 U	UG/KG
VINYL CHLORIDE	5.0	6.6 U	UG/KG
O-XYLENE	5.0	8.5	UG/KG
M+P-XYLENE	5.0	15	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	82	%
TOLUENE-D8	(81 - 117 %)	101	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	117	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-14 8'-9'

Date Sampled : 03/26/98 Order #: 201827 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 82.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	44	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	160	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	7.4	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	42	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	57	UG/KG
O-XYLENE	5.0	69	UG/KG
M+P-XYLENE	5.0	94	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	98	%
TOLUENE-D8	(81 - 117 %)	101	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	120	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-14 9'-10'

Date Sampled : 03/26/98 Order #: 201828 Sample Matrix: SOIL/SEDI
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 85.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/08/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.9 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.9 U	UG/KG
BROMOFORM	5.0	5.9 U	UG/KG
BROMOMETHANE	5.0	5.9 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.9 U	UG/KG
CHLOROBENZENE	5.0	5.9 U	UG/KG
CHLOROETHANE	5.0	5.9 U	UG/KG
CHLOROFORM	5.0	5.9 U	UG/KG
CHLOROMETHANE	5.0	5.9 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.9 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.9 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
ETHYLBENZENE	5.0	14	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.9 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.9 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.9 U	UG/KG
TETRACHLOROETHENE	5.0	5.9 U	UG/KG
TOLUENE	5.0	5.9 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.9 U	UG/KG
TRICHLOROETHENE	5.0	5.9 U	UG/KG
VINYL CHLORIDE	5.0	42	UG/KG
O-XYLENE	5.0	28	UG/KG
M+P-XYLENE	5.0	9.8	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	91	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	110	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-15 2'-4'

Date Sampled : 03/26/98 Order #: 201829 Sample Matrix: SOIL/SEDI
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 83.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/08/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	6.0 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M+P-XYLENE	5.0	6.0 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	112	%
TOLUENE-D8	(81 - 117 %)	108	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	115	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-15 8'-9'

Date Sampled : 03/26/98 Order #: 201830 Sample Matrix: SOIL/SEDI
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 76.2

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 2.0			Dry Weight
ACETONE	20	58	UG/KG
BENZENE	5.0	13 U	UG/KG
BROMODICHLOROMETHANE	5.0	13 U	UG/KG
BROMOFORM	5.0	13 U	UG/KG
BROMOMETHANE	5.0	13 U	UG/KG
2-BUTANONE (MEK)	10	26 U	UG/KG
CARBON DISULFIDE	10	26 U	UG/KG
CARBON TETRACHLORIDE	5.0	13 U	UG/KG
CHLOROBENZENE	5.0	13 U	UG/KG
CHLOROETHANE	5.0	13 U	UG/KG
CHLOROFORM	5.0	13 U	UG/KG
CHLOROMETHANE	5.0	13 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	13 U	UG/KG
1,1-DICHLOROETHANE	5.0	13 U	UG/KG
1,2-DICHLOROETHANE	5.0	13 U	UG/KG
1,1-DICHLOROETHENE	5.0	13 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	250	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	13 U	UG/KG
1,2-DICHLOROPROPANE	5.0	13 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	13 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	13 U	UG/KG
ETHYLBENZENE	5.0	13 U	UG/KG
2-HEXANONE	10	26 U	UG/KG
METHYLENE CHLORIDE	5.0	13 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	26 U	UG/KG
STYRENE	5.0	13 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	13 U	UG/KG
TETRACHLOROETHENE	5.0	13 U	UG/KG
TOLUENE	5.0	13 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	13 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	13 U	UG/KG
TRICHLOROETHENE	5.0	89	UG/KG
VINYL CHLORIDE	5.0	13 U	UG/KG
O-XYLENE	5.0	13 U	UG/KG
M+P-XYLENE	5.0	13 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	97	%
TOLUENE-D8	(81 - 117 %)	101	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-15 9'-10'

Date Sampled : 03/26/98 Order #: 201831 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 87.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/08/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	24	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	24	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	36	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	5.7 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	87	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	114	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-16 0.5-2.0

Date Sampled : 03/26/98 Order #: 201832 Sample Matrix: SOIL/SEDI
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 79.8

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/08/98			
ANALYTICAL DILUTION: 1.0			Dry Weigl
ACETONE	20	93	UG/KG
BENZENE	5.0	6.3 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.3 U	UG/KG
BROMOFORM	5.0	6.3 U	UG/KG
BROMOMETHANE	5.0	6.3 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.3 U	UG/KG
CHLOROBENZENE	5.0	6.3 U	UG/KG
CHLOROETHANE	5.0	6.3 U	UG/KG
CHLOROFORM	5.0	6.3 U	UG/KG
CHLOROMETHANE	5.0	6.3 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.3 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.3 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.3 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.3 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	11	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.3 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.3 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.3 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.3 U	UG/KG
ETHYLBENZENE	5.0	6.3 U	UG/KG
2-HEXANONE	10	13 U	UG/KG
METHYLENE CHLORIDE	5.0	6.3 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.3 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.3 U	UG/KG
TETRACHLOROETHENE	5.0	6.3 U	UG/KG
TOLUENE	5.0	6.3 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.3 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.3 U	UG/KG
TRICHLOROETHENE	5.0	14	UG/KG
VINYL CHLORIDE	5.0	6.3 U	UG/KG
O-XYLENE	5.0	6.3 U	UG/KG
M+P-XYLENE	5.0	6.3 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	93	%
TOLUENE-D8	(81 - 117 %)	104	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	119	%

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-16 8-9

Date Sampled : 03/26/98 Order #: 201833 Sample Matrix: SOIL/SEDI
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 86.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weigh
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	100	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	89	%
TOLUENE-D8	(81 - 117 %)	99	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	110	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-16 9-10'

Date Sampled : 03/26/98 Order #: 201834 Sample Matrix: SOIL/SEDI
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 87.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/08/98			
ANALYTICAL DILUTION: 1.0			Dry Weigl
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	57	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	5.7 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	99	%
TOLUENE-D8	(81 - 117 %)	104	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	118	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : AB-1 6-7.5

Date Sampled : 03/26/98

Order #: 201835

Sample Matrix: SOIL/SED

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 87.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	14	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	28	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	5.7 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	100	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	115	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : AB-1 7.5-8

Date Sampled : 03/26/98 Order #: 201836 Sample Matrix: SOIL/SEDI
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 84.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	24 U	UG/KG
BENZENE	5.0	5.9 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.9 U	UG/KG
BROMOFORM	5.0	5.9 U	UG/KG
BROMOMETHANE	5.0	5.9 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.9 U	UG/KG
CHLOROBENZENE	5.0	5.9 U	UG/KG
CHLOROETHANE	5.0	5.9 U	UG/KG
CHLOROFORM	5.0	5.9 U	UG/KG
CHLOROMETHANE	5.0	5.9 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.9 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.9 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
ETHYLBENZENE	5.0	5.9 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.9 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.9 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.9 U	UG/KG
TETRACHLOROETHENE	5.0	5.9 U	UG/KG
TOLUENE	5.0	5.9 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	14	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.9 U	UG/KG
TRICHLOROETHENE	5.0	33	UG/KG
VINYL CHLORIDE	5.0	5.9 U	UG/KG
O-XYLENE	5.0	5.9 U	UG/KG
M+P-XYLENE	5.0	5.9 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	98	%
TOLUENE-D8	(81 - 117 %)	105	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	108	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : AB-2 6-8

Date Sampled : 03/26/98

Order #: 201837

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 86.1

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	8.0	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	92	%
TOLUENE-D8	(81 - 117 %)	107	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	116	%

NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : AB-2 10-12

Date Sampled : 03/26/98 Order #: 201838 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 86.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	29	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	6.4	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	87	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	120	%

NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-17 2-4Date Sampled : 03/26/98 Order #: 201839 Sample Matrix: SOIL/SED
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 75.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	26 U	UG/KG
BENZENE	5.0	6.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.6 U	UG/KG
BROMOFORM	5.0	6.6 U	UG/KG
BROMOMETHANE	5.0	6.6 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.6 U	UG/KG
CHLOROBENZENE	5.0	6.6 U	UG/KG
CHLOROETHANE	5.0	6.6 U	UG/KG
CHLOROFORM	5.0	6.6 U	UG/KG
CHLOROMETHANE	5.0	6.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.6 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.6 U	UG/KG
ETHYLBENZENE	5.0	6.6 U	UG/KG
2-HEXANONE	10	13 U	UG/KG
METHYLENE CHLORIDE	5.0	6.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.6 U	UG/KG
TETRACHLOROETHENE	5.0	6.6 U	UG/KG
TOLUENE	5.0	6.6 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.6 U	UG/KG
TRICHLOROETHENE	5.0	6.6 U	UG/KG
VINYL CHLORIDE	5.0	6.6 U	UG/KG
O-XYLENE	5.0	6.6 U	UG/KG
M+P-XYLENE	5.0	6.6 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	91	%
TOLUENE-D8	(81 - 117 %)	102	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	108	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-17 4-6

Date Sampled : 03/26/98

Order #: 201840

Sample Matrix: SOIL/SED

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 82.4

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	63	UG/KG
BENZENE	5.0	6.1 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.1 U	UG/KG
BROMOFORM	5.0	6.1 U	UG/KG
BROMOMETHANE	5.0	6.1 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.1 U	UG/KG
CHLOROBENZENE	5.0	6.1 U	UG/KG
CHLOROETHANE	5.0	6.1 U	UG/KG
CHLOROFORM	5.0	6.1 U	UG/KG
CHLOROMETHANE	5.0	6.1 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.1 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.1 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.1 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.1 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.1 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.1 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.1 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.1 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.1 U	UG/KG
ETHYLBENZENE	5.0	6.1 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.1 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.1 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.1 U	UG/KG
TETRACHLOROETHENE	5.0	6.1 U	UG/KG
TOLUENE	5.0	6.1 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.1 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.1 U	UG/KG
TRICHLOROETHENE	5.0	6.1 U	UG/KG
VINYL CHLORIDE	5.0	6.1 U	UG/KG
O-XYLENE	5.0	6.1 U	UG/KG
M+P-XYLENE	5.0	6.1 U	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	109	%
TOLUENE-D8	(81 - 117 %)	100	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	117	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-17 10-12

Date Sampled : 03/26/98

Order #: 201841

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 79.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 2.0			Dry Weight
ACETONE	20	100	UG/KG
BENZENE	5.0	13 U	UG/KG
BROMODICHLOROMETHANE	5.0	13 U	UG/KG
BROMOFORM	5.0	13 U	UG/KG
BROMOMETHANE	5.0	13 U	UG/KG
2-BUTANONE (MEK)	10	25 U	UG/KG
CARBON DISULFIDE	10	25 U	UG/KG
CARBON TETRACHLORIDE	5.0	13 U	UG/KG
CHLOROBENZENE	5.0	13 U	UG/KG
CHLOROETHANE	5.0	13 U	UG/KG
CHLOROFORM	5.0	13 U	UG/KG
CHLOROMETHANE	5.0	13 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	13 U	UG/KG
1,1-DICHLOROETHANE	5.0	13 U	UG/KG
1,2-DICHLOROETHANE	5.0	13 U	UG/KG
1,1-DICHLOROETHENE	5.0	13 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	1000	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	56	UG/KG
1,2-DICHLOROPROPANE	5.0	13 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	13 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	13 U	UG/KG
ETHYLBENZENE	5.0	630	UG/KG
2-HEXANONE	10	25 U	UG/KG
METHYLENE CHLORIDE	5.0	13 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	25 U	UG/KG
STYRENE	5.0	13 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	13 U	UG/KG
TETRACHLOROETHENE	5.0	23	UG/KG
TOLUENE	5.0	29	UG/KG
1,1,1-TRICHLOROETHANE	5.0	13 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	13 U	UG/KG
TRICHLOROETHENE	5.0	520	UG/KG
VINYL CHLORIDE	5.0	13 U	UG/KG
O-XYLENE	5.0	22	UG/KG
M+P-XYLENE	5.0	43	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	84	%
TOLUENE-D8	(81 - 117 %)	102	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	90	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-17 10-12

Date Sampled : 03/26/98

Order #: 201841

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 79.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/10/98			
ANALYTICAL DILUTION: 5.0			Dry Weight
ACETONE	20	130 U	UG/KG
BENZENE	5.0	32 U	UG/KG
BROMODICHLOROMETHANE	5.0	32 U	UG/KG
BROMOFORM	5.0	32 U	UG/KG
BROMOMETHANE	5.0	32 U	UG/KG
2-BUTANONE (MEK)	10	63 U	UG/KG
CARBON DISULFIDE	10	63 U	UG/KG
CARBON TETRACHLORIDE	5.0	32 U	UG/KG
CHLOROBENZENE	5.0	32 U	UG/KG
CHLOROETHANE	5.0	32 U	UG/KG
CHLOROFORM	5.0	32 U	UG/KG
CHLOROMETHANE	5.0	32 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	32 U	UG/KG
1,1-DICHLOROETHANE	5.0	32 U	UG/KG
1,2-DICHLOROETHANE	5.0	32 U	UG/KG
1,1-DICHLOROETHENE	5.0	32 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	320	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	32 U	UG/KG
1,2-DICHLOROPROPANE	5.0	32 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	32 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	32 U	UG/KG
ETHYLBENZENE	5.0	130	UG/KG
2-HEXANONE	10	63 U	UG/KG
METHYLENE CHLORIDE	5.0	32 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	63 U	UG/KG
STYRENE	5.0	32 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	32 U	UG/KG
TETRACHLOROETHENE	5.0	32 U	UG/KG
TOLUENE	5.0	32 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	32 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	32 U	UG/KG
TRICHLOROETHENE	5.0	160	UG/KG
VINYL CHLORIDE	5.0	32 U	UG/KG
O-XYLENE	5.0	32 U	UG/KG
M+P-XYLENE	5.0	32 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	104	%
TOLUENE-D8	(81 - 117 %)	107	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	105	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-18 4-6Date Sampled : 03/27/98 Order #: 201842 Sample Matrix: SOIL/SEDIMENT
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 82.9

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	190	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	30	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M+P-XYLENE	5.0	74	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	88	%
TOLUENE-D8	(81 - 117 %)	108	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	101	%

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-18 10-12

Date Sampled : 03/27/98

Order #: 201843

Sample Matrix: SOIL/SED

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 85.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.8 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.8 U	UG/KG
BROMOFORM	5.0	5.8 U	UG/KG
BROMOMETHANE	5.0	5.8 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.8 U	UG/KG
CHLOROBENZENE	5.0	5.8 U	UG/KG
CHLOROETHANE	5.0	5.8 U	UG/KG
CHLOROFORM	5.0	5.8 U	UG/KG
CHLOROMETHANE	5.0	5.8 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.8 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.8 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.8 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.8 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.8 U	UG/KG
ETHYLBENZENE	5.0	5.8 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.8 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.8 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.8 U	UG/KG
TETRACHLOROETHENE	5.0	5.8 U	UG/KG
TOLUENE	5.0	5.8 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.8 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.8 U	UG/KG
TRICHLOROETHENE	5.0	5.8 U	UG/KG
VINYL CHLORIDE	5.0	5.8 U	UG/KG
O-XYLENE	5.0	5.8 U	UG/KG
M+P-XYLENE	5.0	5.8 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	94	%
TOLUENE-D8	(81 - 117 %)	106	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	105	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-18 12-14

Date Sampled : 03/27/98

Order #: 201844

Sample Matrix: SOIL/SED

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 87.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	5.7 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE
TOLUENE-D8
DIBROMOFLUOROMETHANE

(74 - 121 %)
(81 - 117 %)
(80 - 120 %)

90 %
106 %
110 %

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-19 2-4

Date Sampled : 03/27/98

Order #: 201845

Sample Matrix: SOIL/SEDI

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 79.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	46	UG/KG
BENZENE	5.0	6.3 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.3 U	UG/KG
BROMOFORM	5.0	6.3 U	UG/KG
BROMOMETHANE	5.0	6.3 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.3 U	UG/KG
CHLOROBENZENE	5.0	6.3 U	UG/KG
CHLOROETHANE	5.0	6.3 U	UG/KG
CHLOROFORM	5.0	6.3 U	UG/KG
CHLOROMETHANE	5.0	6.3 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.3 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.3 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.3 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.3 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.3 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.3 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.3 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.3 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.3 U	UG/KG
ETHYLBENZENE	5.0	55	UG/KG
2-HEXANONE	10	13 U	UG/KG
METHYLENE CHLORIDE	5.0	6.3 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.3 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.3 U	UG/KG
TETRACHLOROETHENE	5.0	6.3 U	UG/KG
TOLUENE	5.0	6.3 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.3 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.3 U	UG/KG
TRICHLOROETHENE	5.0	6.3 U	UG/KG
VINYL CHLORIDE	5.0	6.3 U	UG/KG
O-XYLENE	5.0	13	UG/KG
M+P-XYLENE	5.0	310	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	83	%
TOLUENE-D8	(81 - 117 %)	94	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	116	%

COLUMBIA ANALYTICAL SERVICES

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-19 4-6

Date Sampled : 03/27/98
Date Received: 03/28/98

Order #: 201846
Submission #: 9803000355

Sample Matrix: SOIL/SEDIM

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
SUB CONTRACTED ANALYSIS					
TOC *	1.00	48100	MG/KG	04/22/98	1.0
WET CHEMISTRY					
PERCENT SOLIDS	1.0	65.7	%	03/31/98	1.0

* Subcontracted To: H2M Labs, Inc.

INORGANIC-6

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-19 4-6

Date Sampled : 03/27/98 Order #: 201846 Sample Matrix: SOIL/SEDI
Date Received: 03/28/98 Submission #: 9803000355 Percent Solid: 65.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 5.0			Dry Weight
ACETONE	20	150 U	UG/KG
BENZENE	5.0	38 U	UG/KG
BROMODICHLOROMETHANE	5.0	38 U	UG/KG
BROMOFORM	5.0	38 U	UG/KG
BROMOMETHANE	5.0	38 U	UG/KG
2-BUTANONE (MEK)	10	76 U	UG/KG
CARBON DISULFIDE	10	76 U	UG/KG
CARBON TETRACHLORIDE	5.0	38 U	UG/KG
CHLOROBENZENE	5.0	38 U	UG/KG
CHLOROETHANE	5.0	38 U	UG/KG
CHLOROFORM	5.0	38 U	UG/KG
CHLOROMETHANE	5.0	38 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	38 U	UG/KG
1,1-DICHLOROETHANE	5.0	38 U	UG/KG
1,2-DICHLOROETHANE	5.0	38 U	UG/KG
1,1-DICHLOROETHENE	5.0	38 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	38 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	38 U	UG/KG
1,2-DICHLOROPROPANE	5.0	38 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	38 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	38 U	UG/KG
ETHYLBENZENE	5.0	440	UG/KG
2-HEXANONE	10	76 U	UG/KG
METHYLENE CHLORIDE	5.0	38 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	76 U	UG/KG
STYRENE	5.0	38 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	38 U	UG/KG
TETRACHLOROETHENE	5.0	38 U	UG/KG
TOLUENE	5.0	38 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	38 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	38 U	UG/KG
TRICHLOROETHENE	5.0	38 U	UG/KG
VINYL CHLORIDE	5.0	38 U	UG/KG
O-XYLENE	5.0	38 U	UG/KG
M+P-XYLENE	5.0	2400	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	96	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	107	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-19 6-8

Date Sampled : 03/27/98

Order #: 201847

Sample Matrix: SOIL/SEDI

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 83.6

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/10/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	24 U	UG/KG
BENZENE	5.0	6.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.0 U	UG/KG
BROMOFORM	5.0	6.0 U	UG/KG
BROMOMETHANE	5.0	6.0 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.0 U	UG/KG
CHLOROBENZENE	5.0	6.0 U	UG/KG
CHLOROETHANE	5.0	6.0 U	UG/KG
CHLOROFORM	5.0	6.0 U	UG/KG
CHLOROMETHANE	5.0	6.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	UG/KG
ETHYLBENZENE	5.0	18	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	UG/KG
TETRACHLOROETHENE	5.0	6.0 U	UG/KG
TOLUENE	5.0	6.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.0 U	UG/KG
TRICHLOROETHENE	5.0	6.0 U	UG/KG
VINYL CHLORIDE	5.0	6.0 U	UG/KG
O-XYLENE	5.0	6.0 U	UG/KG
M+P-XYLENE	5.0	120	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE
TOLUENE-D8
DIBROMOFLUOROMETHANE(74 - 121 %)
(81 - 117 %)
(80 - 120 %)97
103
115%
%
%

COLUMBIA ANALYTICAL SERVICES

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference:LEICA, CHEEKTOWAGA NY
Client Sample ID :B-19 12-14

Date Sampled : 03/27/98

Order #: 201848

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98

Submission #:9803000355

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
SUB CONTRACTED ANALYSIS					
TOC *	1.00	23900	MG/KG	04/22/98	1.0
WET CHEMISTRY					
PERCENT SOLIDS	1.0	89.6	%	03/31/98	1.0

* Subcontracted To:H2M Labs, Inc.

INORGANIC-7

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-19 12-14

Date Sampled : 03/27/98

Order #: 201848

Sample Matrix: SOIL/SED

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 89.7

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/10/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	22 U	UG/KG
BENZENE	5.0	5.6 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.6 U	UG/KG
BROMOFORM	5.0	5.6 U	UG/KG
BROMOMETHANE	5.0	5.6 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.6 U	UG/KG
CHLOROBENZENE	5.0	5.6 U	UG/KG
CHLOROETHANE	5.0	5.6 U	UG/KG
CHLOROFORM	5.0	5.6 U	UG/KG
CHLOROMETHANE	5.0	5.6 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.6 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.6 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.6 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.6 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.6 U	UG/KG
ETHYLBENZENE	5.0	5.6 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.6 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.6 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.6 U	UG/KG
TETRACHLOROETHENE	5.0	5.6 U	UG/KG
TOLUENE	5.0	5.6 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.6 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.6 U	UG/KG
TRICHLOROETHENE	5.0	5.6 U	UG/KG
VINYL CHLORIDE	5.0	5.6 U	UG/KG
O-XYLENE	5.0	5.6 U	UG/KG
M+P-XYLENE	5.0	5.6 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	84	%
TOLUENE-D8	(81 - 117 %)	97	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	107	%

COLUMBIA ANALYTICAL SERVICES

Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES
Project Reference: LEICA, CHEEKTOWAGA NY
Client Sample ID : B-20 4-6

Date Sampled : 03/27/98
Date Received: 03/28/98

Order #: 201849
Submission #: 9803000355

Sample Matrix: SOIL/SEDIMENT

ANALYTE	PQL	RESULT	UNITS	DATE ANALYZED	ANALYTICAL DILUTION
SUB CONTRACTED ANALYSIS					
TOC *	1.00	14100	MG/KG	04/22/98	1.0
WET CHEMISTRY					
PERCENT SOLIDS	1.0	78.4	%	03/31/98	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-20 4-6

Date Sampled : 03/27/98

Order #: 201849

Sample Matrix: SOIL/SED

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 78.4

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/10/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	57	UG/KG
BENZENE	5.0	6.4 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.4 U	UG/KG
BROMOFORM	5.0	6.4 U	UG/KG
BROMOMETHANE	5.0	6.4 U	UG/KG
2-BUTANONE (MEK)	10	13 U	UG/KG
CARBON DISULFIDE	10	13 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.4 U	UG/KG
CHLOROBENZENE	5.0	6.4 U	UG/KG
CHLOROETHANE	5.0	6.4 U	UG/KG
CHLOROFORM	5.0	6.4 U	UG/KG
CHLOROMETHANE	5.0	6.4 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.4 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.4 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.4 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.4 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.4 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.4 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.4 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.4 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.4 U	UG/KG
ETHYLBENZENE	5.0	6.4 U	UG/KG
2-HEXANONE	10	13 U	UG/KG
METHYLENE CHLORIDE	5.0	6.4 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	13 U	UG/KG
STYRENE	5.0	6.4 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.4 U	UG/KG
TETRACHLOROETHENE	5.0	6.4 U	UG/KG
TOLUENE	5.0	6.4 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.4 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.4 U	UG/KG
TRICHLOROETHENE	5.0	6.4 U	UG/KG
VINYL CHLORIDE	5.0	6.4 U	UG/KG
O-XYLENE	5.0	6.4 U	UG/KG
M+P-XYLENE	5.0	6.4 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	93	%
TOLUENE-D8	(81 - 117 %)	107	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	116	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-20 2-4

Date Sampled : 03/27/98

Order #: 201850

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 82.3

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/10/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	24	UG/KG
BENZENE	5.0	6.1 U	UG/KG
BROMODICHLOROMETHANE	5.0	6.1 U	UG/KG
BROMOFORM	5.0	6.1 U	UG/KG
BROMOMETHANE	5.0	6.1 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	6.1 U	UG/KG
CHLOROBENZENE	5.0	6.1 U	UG/KG
CHLOROETHANE	5.0	6.1 U	UG/KG
CHLOROFORM	5.0	6.1 U	UG/KG
CHLOROMETHANE	5.0	6.1 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	6.1 U	UG/KG
1,1-DICHLOROETHANE	5.0	6.1 U	UG/KG
1,2-DICHLOROETHANE	5.0	6.1 U	UG/KG
1,1-DICHLOROETHENE	5.0	6.1 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	6.1 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	6.1 U	UG/KG
1,2-DICHLOROPROPANE	5.0	6.1 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	6.1 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	6.1 U	UG/KG
ETHYLBENZENE	5.0	6.1 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	6.1 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	6.1 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	6.1 U	UG/KG
TETRACHLOROETHENE	5.0	6.1 U	UG/KG
TOLUENE	5.0	6.1 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	6.1 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	6.1 U	UG/KG
TRICHLOROETHENE	5.0	6.1 U	UG/KG
VINYL CHLORIDE	5.0	6.1 U	UG/KG
O-XYLENE	5.0	6.1 U	UG/KG
M+P-XYLENE	5.0	6.1 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	92	%
TOLUENE-D8	(81 - 117 %)	111	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	91	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-20 12-14

Date Sampled : 03/27/98

Order #: 201851

Sample Matrix: SOIL/SEDI

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 87.4

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/10/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	23 U	UG/KG
BENZENE	5.0	5.7 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.7 U	UG/KG
BROMOFORM	5.0	5.7 U	UG/KG
BROMOMETHANE	5.0	5.7 U	UG/KG
2-BUTANONE (MEK)	10	11 U	UG/KG
CARBON DISULFIDE	10	11 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.7 U	UG/KG
CHLOROBENZENE	5.0	5.7 U	UG/KG
CHLOROETHANE	5.0	5.7 U	UG/KG
CHLOROFORM	5.0	5.7 U	UG/KG
CHLOROMETHANE	5.0	5.7 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.7 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.7 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.7 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	UG/KG
ETHYLBENZENE	5.0	5.7 U	UG/KG
2-HEXANONE	10	11 U	UG/KG
METHYLENE CHLORIDE	5.0	5.7 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	11 U	UG/KG
STYRENE	5.0	5.7 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	UG/KG
TETRACHLOROETHENE	5.0	5.7 U	UG/KG
TOLUENE	5.0	5.7 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.7 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.7 U	UG/KG
TRICHLOROETHENE	5.0	5.7 U	UG/KG
VINYL CHLORIDE	5.0	5.7 U	UG/KG
O-XYLENE	5.0	5.7 U	UG/KG
M+P-XYLENE	5.0	5.7 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	112	%
TOLUENE-D8	(81 - 117 %)	114	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	116	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

NES/INTEGRATED ENVIRO SERVICES

Project Reference: LEICA, CHEEKTOWAGA NY

Client Sample ID : B-20 14-16

Date Sampled : 03/27/98

Order #: 201852

Sample Matrix: SOIL/SEDIMENT

Date Received: 03/28/98

Submission #: 9803000355

Percent Solid: 85.0

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/10/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	24 U	UG/KG
BENZENE	5.0	5.9 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.9 U	UG/KG
BROMOFORM	5.0	5.9 U	UG/KG
BROMOMETHANE	5.0	5.9 U	UG/KG
2-BUTANONE (MEK)	10	12 U	UG/KG
CARBON DISULFIDE	10	12 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.9 U	UG/KG
CHLOROBENZENE	5.0	5.9 U	UG/KG
CHLOROETHANE	5.0	5.9 U	UG/KG
CHLOROFORM	5.0	5.9 U	UG/KG
CHLOROMETHANE	5.0	5.9 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.9 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.9 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.9 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.9 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.9 U	UG/KG
ETHYLBENZENE	5.0	5.9 U	UG/KG
2-HEXANONE	10	12 U	UG/KG
METHYLENE CHLORIDE	5.0	5.9 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	12 U	UG/KG
STYRENE	5.0	5.9 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.9 U	UG/KG
TETRACHLOROETHENE	5.0	5.9 U	UG/KG
TOLUENE	5.0	5.9 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.9 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.9 U	UG/KG
TRICHLOROETHENE	5.0	5.9 U	UG/KG
VINYL CHLORIDE	5.0	5.9 U	UG/KG
O-XYLENE	5.0	5.9 U	UG/KG
M+P-XYLENE	5.0	5.9 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	103	%
TOLUENE-D8	(81 - 117 %)	108	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	89	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 205523	Sample Matrix: SOIL/SED:
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/01/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	106	%
TOLUENE-D8	(81 - 117 %)	106	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	105	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 205524	Sample Matrix: SOIL/SED.
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/02/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	115	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled : Order #: 205528 Sample Matrix: SOIL/SEDIM
Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/03/98			
ANALYTICAL DILUTION: 1.0			Dry Weigh
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	108	%
TOLUENE-D8	(81 - 117 %)	106	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	110	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 205529	Sample Matrix: SOIL/SED.
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/03/98			
ANALYTICAL DILUTION: 1.0			Dry Weig
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	110	%
TOLUENE-D8	(81 - 117 %)	106	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	106	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled : Order #: 205531 Sample Matrix: SOIL/SEDI
Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/06/98			
ANALYTICAL DILUTION: 125.0			Dry Weig.
ACETONE	20	2500 U	UG/KG
BENZENE	5.0	630 U	UG/KG
BROMODICHLOROMETHANE	5.0	630 U	UG/KG
BROMOFORM	5.0	630 U	UG/KG
BROMOMETHANE	5.0	630 U	UG/KG
2-BUTANONE (MEK)	10	1300 U	UG/KG
CARBON DISULFIDE	10	1300 U	UG/KG
CARBON TETRACHLORIDE	5.0	630 U	UG/KG
CHLOROBENZENE	5.0	630 U	UG/KG
CHLOROETHANE	5.0	630 U	UG/KG
CHLOROFORM	5.0	630 U	UG/KG
CHLOROMETHANE	5.0	630 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHANE	5.0	630 U	UG/KG
1,2-DICHLOROETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHENE	5.0	630 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
1,2-DICHLOROPROPANE	5.0	630 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
ETHYLBENZENE	5.0	630 U	UG/KG
2-HEXANONE	10	1300 U	UG/KG
METHYLENE CHLORIDE	5.0	630 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1300 U	UG/KG
STYRENE	5.0	630 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	630 U	UG/KG
TETRACHLOROETHENE	5.0	630 U	UG/KG
TOLUENE	5.0	630 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	630 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	630 U	UG/KG
TRICHLOROETHENE	5.0	630 U	UG/KG
VINYL CHLORIDE	5.0	630 U	UG/KG
O-XYLENE	5.0	630 U	UG/KG
M+P-XYLENE	5.0	630 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	97	%
TOLUENE-D8	(81 - 117 %)	92	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	93	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 205532	Sample Matrix: SOIL/SEDI
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 125.0			Dry Weigl
ACETONE	20	2500 U	UG/KG
BENZENE	5.0	630 U	UG/KG
BROMODICHLOROMETHANE	5.0	630 U	UG/KG
BROMOFORM	5.0	630 U	UG/KG
BROMOMETHANE	5.0	630 U	UG/KG
2-BUTANONE (MEK)	10	1300 U	UG/KG
CARBON DISULFIDE	10	1300 U	UG/KG
CARBON TETRACHLORIDE	5.0	630 U	UG/KG
CHLOROBENZENE	5.0	630 U	UG/KG
CHLOROETHANE	5.0	630 U	UG/KG
CHLOROFORM	5.0	630 U	UG/KG
CHLOROMETHANE	5.0	630 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHANE	5.0	630 U	UG/KG
1,2-DICHLOROETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHENE	5.0	630 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
1,2-DICHLOROPROPANE	5.0	630 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
ETHYLBENZENE	5.0	630 U	UG/KG
2-HEXANONE	10	1300 U	UG/KG
METHYLENE CHLORIDE	5.0	630 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1300 U	UG/KG
STYRENE	5.0	630 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	630 U	UG/KG
TETRACHLOROETHENE	5.0	630 U	UG/KG
TOLUENE	5.0	630 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	630 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	630 U	UG/KG
TRICHLOROETHENE	5.0	630 U	UG/KG
VINYL CHLORIDE	5.0	630 U	UG/KG
O-XYLENE	5.0	630 U	UG/KG
M+P-XYLENE	5.0	630 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	110	%
TOLUENE-D8	(81 - 117 %)	97	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled : Order #: 205536 Sample Matrix: SOIL/SEDI
Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/07/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	111	%
TOLUENE-D8	(81 - 117 %)	113	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	109	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 205539	Sample Matrix: SOIL/SEDI
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/08/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	109	%
TOLUENE-D8	(81 - 117 %)	108	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 04/27/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	205541	Sample Matrix:	SOIL/SEDI
Date Received:	Submission #:		Percent Solid:	100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weigh
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	103	%
TOLUENE-D8	(81 - 117 %)	108	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	110	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #:	205542	Sample Matrix:	SOIL/SEDI
Date Received:	Submission #:		Percent Solid:	100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/09/98			
ANALYTICAL DILUTION: 1.0			Dry Weigh
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	111	%
TOLUENE-D8	(81 - 117 %)	110	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	86	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 04/27/98

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : Order #: 205543 Sample Matrix: SOIL/SEDI
Date Received: Submission #: Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 04/10/98			
ANALYTICAL DILUTION: 1.0			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	97	%
TOLUENE-D8	(81 - 117 %)	103	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	106	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
SOIL/SEDIMENT

Spiked Order No. : 201161 NES/INTEGRATED ENVIRO SERVICES

Client ID: 8-5 12'-13.5'

Test: 8260B TCL

Analytical Units: UG/KG

Run Number : 25512

Percent Solid : 86.6

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	MATRIX SPIKE		MATRIX SPIKE DUP.				QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.	
BENZENE	57.7	0	63.5	110	62.4	108	2	21	66 - 142	
CHLOROBENZENE	57.7	0	58.9	102	58.9	102	0	21	60 - 133	
1,1-DICHLOROETHENE	57.7	0	57.7	100	56.6	98	2	22	59 - 172	
TOLUENE	57.7	0	62.4	108	60.0	104	4	21	59 - 139	
TRICHLOROETHENE	57.7	0	61.2	106	57.7	100	6	24	62 - 137	

QUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
SOIL/SEDIMENT

Spiked Order No. : 201507 NES/INTEGRATED ENVIRO SERVICES

Client ID: B-11 13.5'-14'

Test: 8260B TCL

Analytical Units: UG/KG

Run Number : 25513

Percent Solid : 81.0

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	MATRIX SPIKE		MATRIX SPIKE DUP.				QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.	
BENZENE	7720	0	7530	98	7900	102	5	21	66 - 142	
CHLOROBENZENE	7720	0	7280	94	7530	98	3	21	60 - 133	
1,1-DICHLOROETHENE	7720	0	6300	82	6300	82	0	22	59 - 172	
TOLUENE	7720	0	6910	90	7530	98	9	21	59 - 139	
TRICHLOROETHENE	7720	8519	14800	81	17300	114	16	24	62 - 137	

QUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
SOIL/SEDIMENT

Spiked Order No. : 201829 NES/INTEGRATED ENVIRO SERVICES

Client ID: B-15 2'-4'

Test: 8260B TCL

Analytical Units: UG/KG

Run Number : 25514

Percent Solid : 83.9

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	MATRIX SPIKE		MATRIX SPIKE DUP.				QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.	
BENZENE	59.6	0	63.2	106	67.9	114	7	21	66 - 142	
CHLOROBENZENE	59.6	0	62.0	104	66.7	112	7	21	60 - 133	
1,1-DICHLOROETHENE	59.6	0	54.8	92	54.8	92	0	22	59 - 172	
TOLUENE	59.6	0	60.8	102	64.4	108	6	21	59 - 139	
TRICHLOROETHENE	59.6	0	59.6	100	62.0	104	4	24	62 - 137	

QUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
SOIL/SEDIMENT

Spiked Order No. : 201851 NES/INTEGRATED ENVIRO SERVICES

Client ID: B-20 12-14

Test: 8260B TCL

Analytical Units: UG/KG

Run Number : 25515

Percent Solid : 87.4

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	MATRIX SPIKE		MATRIX SPIKE DUP.				QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.	
BENZENE	57.2	0	61.8	108	67.5	118	9	21	66 - 142	
CHLOROBENZENE	57.2	0	62.9	110	62.9	110	0	21	60 - 133	
1,1-DICHLOROETHENE	57.2	0	51.5	90	53.8	94	4	22	59 - 172	
TOLUENE	57.2	0	58.4	102	58.4	102	0	21	59 - 139	
TRICHLOROETHENE	57.2	0	56.1	98	52.6	92	6	24	62 - 137	

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 205530

ANALYTICAL RUN #: 25512

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED :	4/ 3/98		
ANALYTICAL DILUTION:	1.0		
ACETONE	20	133	21 - 165
BENZENE	20	115	37 - 151
BROMODICHLOROMETHANE	20	111	35 - 155
BROMOFORM	20	112	45 - 169
BROMOMETHANE	20	74	10 - 242
2-BUTANONE (MEK)	20	116	25 - 162
CARBON DISULFIDE	20	70	45 - 148
CARBON TETRACHLORIDE	20	114	70 - 140
CHLOROBENZENE	20	114	37 - 160
CHLOROETHANE	20	100	53 - 149
CHLOROFORM	20	108	51 - 138
CHLOROMETHANE	20	77	10 - 273
DIBROMOCHLOROMETHANE	20	111	53 - 149
1,1-DICHLOROETHANE	20	100	59 - 155
1,2-DICHLOROETHANE	20	124	49 - 155
1,1-DICHLOROETHENE	20	89	10 - 234
CIS-1,2-DICHLOROETHENE	20	111	54 - 156
TRANS-1,2-DICHLOROETHENE	20	99	54 - 156
1,2-DICHLOROPROPANE	20	121	10 - 210
CIS-1,3-DICHLOROPROPENE	20	106	10 - 227
TRANS-1,3-DICHLOROPROPENE	20	115	17 - 183
ETHYLBENZENE	20	121	37 - 162
2-HEXANONE	20	103	22 - 155
METHYLENE CHLORIDE	20	103	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20	106	46 - 157
STYRENE	40	109	66 - 144
1,1,2,2-TETRACHLOROETHANE	20	136	46 - 157
TETRACHLOROETHENE	20	104	64 - 148
TOLUENE	20	112	47 - 150
1,1,1-TRICHLOROETHANE	20	104	52 - 162
1,1,2-TRICHLOROETHANE	20	121	52 - 150
TRICHLOROETHENE	20	122	71 - 157
VINYL CHLORIDE	20	94	10 - 251
O-XYLENE	40	104	71 - 135
M+P-XYLENE	40	123	71 - 135

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 205533

ANALYTICAL RUN #: 25513

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED :	4/ 7/98		
ANALYTICAL DILUTION:	1.0		
ACETONE	20	128	21 - 165
BENZENE	20	97	37 - 151
BROMODICHLOROMETHANE	20	93	35 - 155
BROMOFORM	20	95	45 - 169
BROMOMETHANE	20	52	10 - 242
2-BUTANONE (MEK)	20	114	25 - 162
CARBON DISULFIDE	20	73	45 - 148
CARBON TETRACHLORIDE	20	90	70 - 140
CHLOROBENZENE	20	104	37 - 160
CHLOROETHANE	20	81	53 - 149
CHLOROFORM	20	90	51 - 138
CHLOROMETHANE	20	69	10 - 273
DIBROMOCHLOROMETHANE	20	98	53 - 149
1,1-DICHLOROETHANE	20	82	59 - 155
1,2-DICHLOROETHANE	20	94	49 - 155
1,1-DICHLOROETHENE	20	76	10 - 234
CIS-1,2-DICHLOROETHENE	20	92	54 - 156
TRANS-1,2-DICHLOROETHENE	20	84	54 - 156
1,2-DICHLOROPROPANE	20	98	10 - 210
CIS-1,3-DICHLOROPROPENE	20	94	10 - 227
TRANS-1,3-DICHLOROPROPENE	20	88	17 - 183
ETHYLBENZENE	20	101	37 - 162
2-HEXANONE	20	115	22 - 155
METHYLENE CHLORIDE	20	84	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20	99	46 - 157
STYRENE	40	101	66 - 144
1,1,2,2-TETRACHLOROETHANE	20	92	46 - 157
TETRACHLOROETHENE	20	93	64 - 148
TOLUENE	20	93	47 - 150
1,1,1-TRICHLOROETHANE	20	91	52 - 162
1,1,2-TRICHLOROETHANE	20	98	52 - 150
TRICHLOROETHENE	20	95	71 - 157
VINYL CHLORIDE	20	82	10 - 251
O-XYLENE	40	97	71 - 135
M+P-XYLENE	40	105	71 - 135

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD: 8260B TCLLABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 205540 ANALYTICAL RUN #: 25514

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED :	4/ 9/98		
ANALYTICAL DILUTION:	1.0		
ACETONE	20	119	21 - 165
BENZENE	20	111	37 - 151
BROMODICHLOROMETHANE	20	121	35 - 155
BROMOFORM	20	119	45 - 169
BROMOMETHANE	20	65	10 - 242
2-BUTANONE (MEK)	20	149	25 - 162
CARBON DISULFIDE	20	88	45 - 148
CARBON TETRACHLORIDE	20	109	70 - 140
CHLOROBENZENE	20	109	37 - 160
CHLOROETHANE	20	102	53 - 149
CHLOROFORM	20	111	51 - 138
CHLOROMETHANE	20	74	10 - 273
DIBROMOCHLOROMETHANE	20	111	53 - 149
1,1-DICHLOROETHANE	20	109	59 - 155
1,2-DICHLOROETHANE	20	125	49 - 155
1,1-DICHLOROETHENE	20	102	10 - 234
CIS-1,2-DICHLOROETHENE	20	111	54 - 156
TRANS-1,2-DICHLOROETHENE	20	105	54 - 156
1,2-DICHLOROPROPANE	20	118	10 - 210
CIS-1,3-DICHLOROPROPENE	20	112	10 - 227
TRANS-1,3-DICHLOROPROPENE	20	116	17 - 183
ETHYLBENZENE	20	114	37 - 162
2-HEXANONE	20	142	22 - 155
METHYLENE CHLORIDE	20	116	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20	130	46 - 157
STYRENE	40	113	66 - 144
1,1,2,2-TETRACHLOROETHANE	20	68	46 - 157
TETRACHLOROETHENE	20	99	64 - 148
TOLUENE	20	112	47 - 150
1,1,1-TRICHLOROETHANE	20	105	52 - 162
1,1,2-TRICHLOROETHANE	20	126	52 - 150
TRICHLOROETHENE	20	142	71 - 157
VINYL CHLORIDE	20	99	10 - 251
O-XYLENE	40	109	71 - 135
M+P-XYLENE	40	113	71 - 135

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 205544 ANALYTICAL RUN #: 25515

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED :	4/10/98		
ANALYTICAL DILUTION:	1.0		
ACETONE	20	122	21 - 165
BENZENE	20	121	37 - 151
BROMODICHLOROMETHANE	20	126	35 - 155
BROMOFORM	20	115	45 - 169
BROMOMETHANE	20	72	10 - 242
2-BUTANONE (MEK)	20	132	25 - 162
CARBON DISULFIDE	20	93	45 - 148
CARBON TETRACHLORIDE	20	114	70 - 140
CHLOROBENZENE	20	116	37 - 160
CHLOROETHANE	20	84	53 - 149
CHLOROFORM	20	115	51 - 138
CHLOROMETHANE	20	86	10 - 273
DIBROMOCHLOROMETHANE	20	114	53 - 149
1,1-DICHLOROETHANE	20	113	59 - 155
1,2-DICHLOROETHANE	20	133	49 - 155
1,1-DICHLOROETHENE	20	106	10 - 234
CIS-1,2-DICHLOROETHENE	20	115	54 - 156
TRANS-1,2-DICHLOROETHENE	20	116	54 - 156
1,2-DICHLOROPROPANE	20	117	10 - 210
CIS-1,3-DICHLOROPROPENE	20	117	10 - 227
TRANS-1,3-DICHLOROPROPENE	20	124	17 - 183
ETHYLBENZENE	20	94	37 - 162
2-HEXANONE	20	138	22 - 155
METHYLENE CHLORIDE	20	122	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20	155	46 - 157
STYRENE	40	121	66 - 144
1,1,2,2-TETRACHLOROETHANE	20	128	46 - 157
TETRACHLOROETHENE	20	95	64 - 148
TOLUENE	20	111	47 - 150
1,1,1-TRICHLOROETHANE	20	112	52 - 162
1,1,2-TRICHLOROETHANE	20	125	52 - 150
TRICHLOROETHENE	20	116	71 - 157
VINYL CHLORIDE	20	73	10 - 251
O-XYLENE	40	111	71 - 135
M+P-XYLENE	40	116	71 - 135

COLUMBIA ANALYTICAL SERVICES, INC.

1 Mustard St., Suite 250, P.O. Box 90859, Rochester, NY 14609-0859
(716) 288-5380 • FAX (716) 288-8475

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

(800) 695-7222

DATE 3/25/98 PAGE 1 OF 1

PROJECT NAME <u>LEICA, Chertkowsky, NY</u> PROJECT MANAGER/CONTACT <u>MARK CAMPBELL (NES)</u> COMPANY/ADDRESS <u>44 Shultz Rock Rd.</u> <u>DANBURY, CT. 06810</u> TEL (703) 796-5220 FAX (203) 796-5272 SAMPLER'S SIGNATURE <u>[Signature]</u>				ANALYSIS REQUESTED											
# OF CONTAINERS GC/MS VOA's ☒ 624 GC/MS SVOA's ☒ 8270A ☐ 625 GC VOA's ☐ 8010/8020 ☐ 601/602 PESTICIDES/PCBs ☐ 8080 ☐ 608 STARS LIST 8021 VOA's ☐ TOTAL ☐ TCLP STARS LIST 8270 SVOA's ☐ TOTAL ☐ TCLP WASTE CHARACTERIZATION ☐ React ☐ Corros ☐ Ignit. METALS, TOTAL (LIST BELOW) METALS, DISSOLVED (LIST BELOW) TOC <u>Tagm 4000</u>				METALS TCLP ☐ METALS VOA's ☐ SVOA's ☐ H/P				INVOICE INFORMATION:				SAMPLE RECEIPT:			
TURNAROUND REQUIREMENTS 24 hr. ☐ 48 hr. ☐ 5 day Standard (10-15 working days) Provide Verbal Preliminary Results Provide FAX Preliminary Results Requested Report Date _____				REPORT REQUIREMENTS 1. Routine Report 2. Routine Rep. w/CASE Narrative 3. EPA Level III 4. N.J. Reduced Deliverables Level IV 5. NY ASP/CLP Deliverables p. Site specific OC.				P.O. # _____ Bill To: _____ Shipping Via: _____ Shipping #: _____ Temperature: _____ Submission No: <u>98-3-38</u>				SPECIAL INSTRUCTIONS/COMMENTS: METALS ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List <u>Archive these samples marked w/ "X" on "Archive" line</u> <u>Do not ANALYZE</u>			
RECEIVED BY: <u>[Signature]</u> Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: <u>[Signature]</u> Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: Signature _____ Printed Name _____ Firm _____ Date/Time _____			
RELINQUISHED BY: <u>[Signature]</u> Signature _____ Printed Name _____ Firm _____ Date/Time _____				RELINQUISHED BY: <u>[Signature]</u> Signature _____ Printed Name _____ Firm _____ Date/Time _____				RELINQUISHED BY: Signature _____ Printed Name _____ Firm _____ Date/Time _____				RELINQUISHED BY: Signature _____ Printed Name _____ Firm _____ Date/Time _____			

65 RAMAPO VALLEY ROAD
MAHWAH, NJ 07430
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309 WEST RIDLEY AVE.
RIDLEY PARK, PA 19078
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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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DATE 3/25/98 PAGE OF

PROJECT NAME <u>LEICA (INTERVAL) NY</u>				ANALYSIS REQUESTED												PRESERVATION					
PROJECT MANAGER/CONTACT <u>MARKE (Amesbury) (NY)</u>																					
COMPANY/ADDRESS <u>Amesbury (T) 06810</u>																					
TEL <u>(203) 796-5000</u> FAX <u>(203) 796-5272</u>																					
SAMPLER'S SIGNATURE																					
SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS VOAS 8260 □ 624	GC/MS SVOAS 8270A □ 625	GC VOAS 8010/8020 □ 601/602	PESTICIDES/PCBS 8080 □ 608	STAR'S LIST 8021 VOAS TOTAL □ TCLP	STAR'S LIST 8270 SVOAS TOTAL □ TCLP	TCLP □ METALS VOAS □ SVOAS □ H/P	WASTE CHARACTERIZATION React □ Corros □ Ignit.	METALS, TOTAL (LIST BELOW)	METALS, DISSOLVED (LIST BELOW)	TCLP (New York)	ARCHIVE	PH < 2.0	PH > 12	Other	
B-2 8'-11'	3/27	0950	201153	5016	1																
B-2 11'-12'	3/27	0950			1																
B-2 12'-13'	3/27	1000	201154		1																
B-3 0'-3.5'	3/27	1040	201155		1																
B-3 3.5'-4.0'	3/27	1040			1																
B-3 4.0'-5.5'	3/27	1050			1																
B-3 5.5'-8.0'	3/27	1050			1																
B-3 8'-11.5'	3/27	1100	201156		1																
B-3 11.5'-12'	3/27	1100			1																
B-3 12'-13.5'	3/27	1115	201157		1																
RECEIVED BY: <u>Michelle Hastings</u> Signature <u>Michelle Hastings</u> Printed Name <u>Michelle Hastings</u> Firm <u>Amesbury</u> Date/Time <u>3/25/98 1:45</u>				TURNAROUND REQUIREMENTS 24 hr. ☐ 48 hr. ☐ 5 day ☐ Standard (10-15 working days) ☐ Provide Verbal Preliminary Results ☐ Provide FAX Preliminary Results ☐ Requested Report Date ☐				REPORT REQUIREMENTS 1. Routine Report ☐ 2. Routine Rep. w/CASE ☐ Narrative ☐ 3. EPA Level III ☐ Validatable Package ☐ 4. N.J. Reduced Deliverables Level IV ☐ 5. NY ASP/CLP Deliverables ☐ 6. Site specific OC ☐				INVOICE INFORMATION: PO # ☐ Bill To ☐ Shipping Via ☐ Shipping # ☐ Temperature ☐ Submission No: <u>983355</u>				SAMPLE RECEIPT:					
RECEIVED BY: <u>Tom Hastings</u> Signature <u>Tom Hastings</u> Printed Name <u>Tom Hastings</u> Firm <u>Amesbury</u> Date/Time <u>3/25/98 15:25</u>				SPECIAL INSTRUCTIONS/COMMENTS: METALS ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List <u>Archive these samples marked with "X" in "Archive" line</u> <u>DO NOT ANALYZE</u>																	
RECEIVED BY: <u>Michelle Hastings</u> Signature <u>Michelle Hastings</u> Printed Name <u>Michelle Hastings</u> Firm <u>Amesbury</u> Date/Time <u>3/25/98 15:25</u>				RECEIVED BY: <u>Michelle Hastings</u> Signature <u>Michelle Hastings</u> Printed Name <u>Michelle Hastings</u> Firm <u>Amesbury</u> Date/Time <u>3/25/98 15:25</u>																	
RECEIVED BY: <u>Michelle Hastings</u> Signature <u>Michelle Hastings</u> Printed Name <u>Michelle Hastings</u> Firm <u>Amesbury</u> Date/Time <u>3/25/98 15:25</u>				RECEIVED BY: <u>Michelle Hastings</u> Signature <u>Michelle Hastings</u> Printed Name <u>Michelle Hastings</u> Firm <u>Amesbury</u> Date/Time <u>3/25/98 15:25</u>																	

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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(716) 288-5380 • FAX (716) 288-8475**

(800) 695-7222

DATE 3/25/18 PAGE 3 OF 3

PROJECT NAME		LLICA, Chalkmorton, NY		
PROJECT MANAGER/CONTACT		MARK CAMPBELL (WES)		
COMPANY/ADDRESS		44 Sheller Rock Rd.		
Dunbury, CT 06810				
TEL ()		FAX ()		
SAMPLER'S SIGNATURE				
SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX
B-4 0'-4'	3/24/98	11:25	201158	SOIL
B-5 0'-4'	3/24	11:35	201159	
B-5 4.0'-4.5'	3/24	13:40		
B-5 4.5'-2.0'	3/24	13:45	201160	
B-5 8.0'-12'	3/24	13:50		
B-5 12'-13.5'	3/24	13:55	201161	
B-6 0'-4'	3/24	14:15	201162	
B-6 4'-8'	3/24	14:25	201163	
B-6 8'-11'	3/24	14:40		
B-6 11'-12'	3/24	14:50		
RELINQUISHED BY:		RECEIVED BY:		
Signature: [Signature]		Signature: [Signature]		
Printed Name: [Name]		Printed Name: [Name]		
Firm: [Firm]		Firm: [Firm]		
Date/Time: [Date/Time]		Date/Time: [Date/Time]		
RELINQUISHED BY:		RECEIVED BY:		
Signature: [Signature]		Signature: [Signature]		
Printed Name: [Name]		Printed Name: [Name]		
Firm: [Firm]		Firm: [Firm]		
Date/Time: [Date/Time]		Date/Time: [Date/Time]		
RELINQUISHED BY:		RECEIVED BY:		
Signature: [Signature]		Signature: [Signature]		
Printed Name: [Name]		Printed Name: [Name]		
Firm: [Firm]		Firm: [Firm]		
Date/Time: [Date/Time]		Date/Time: [Date/Time]		
PROJECT NAME				
PROJECT MANAGER/CONTACT				
COMPANY/ADDRESS				
Dunbury, CT 06810				
TEL () FAX ()				
SAMPLER'S SIGNATURE				
SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX
B-4 0'-4'	3/24/98	11:25	201158	SOIL
B-5 0'-4'	3/24	11:35	201159	
B-5 4.0'-4.5'	3/24	13:40		
B-5 4.5'-2.0'	3/24	13:45	201160	
B-5 8.0'-12'	3/24	13:50		
B-5 12'-13.5'	3/24	13:55	201161	
B-6 0'-4'	3/24	14:15	201162	
B-6 4'-8'	3/24	14:25	201163	
B-6 8'-11'	3/24	14:40		
B-6 11'-12'	3/24	14:50		
RELINQUISHED BY:		RECEIVED BY:		
Signature: [Signature]		Signature: [Signature]		
Printed Name: [Name]		Printed Name: [Name]		
Firm: [Firm]		Firm: [Firm]		
Date/Time: [Date/Time]		Date/Time: [Date/Time]		
RELINQUISHED BY:		RECEIVED BY:		
Signature: [Signature]		Signature: [Signature]		
Printed Name: [Name]		Printed Name: [Name]		
Firm: [Firm]		Firm: [Firm]		
Date/Time: [Date/Time]		Date/Time: [Date/Time]		
PROJECT NAME				
PROJECT MANAGER/CONTACT				
COMPANY/ADDRESS				
Dunbury, CT 06810				
TEL () FAX ()				
SAMPLER'S SIGNATURE				
SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX
B-4 0'-4'	3/24/98	11:25	201158	SOIL
B-5 0'-4'	3/24	11:35	201159	
B-5 4.0'-4.5'	3/24	13:40		
B-5 4.5'-2.0'	3/24	13:45	201160	
B-5 8.0'-12'	3/24	13:50		
B-5 12'-13.5'	3/24	13:55	201161	
B-6 0'-4'	3/24	14:15	201162	
B-6 4'-8'	3/24	14:25	201163	
B-6 8'-11'	3/24	14:40		
B-6 11'-12'	3/24	14:50		
RELINQUISHED BY:		RECEIVED BY:		
Signature: [Signature]		Signature: [Signature]		
Printed Name: [Name]		Printed Name: [Name]		
Firm: [Firm]		Firm: [Firm]		
Date/Time: [Date/Time]		Date/Time: [Date/Time]		
RELINQUISHED BY:		RECEIVED BY:		
Signature: [Signature]		Signature: [Signature]		
Printed Name: [Name]		Printed Name: [Name]		
Firm: [Firm]		Firm: [Firm]		
Date/Time: [Date/Time]		Date/Time: [Date/Time]		
PROJECT NAME				
PROJECT MANAGER/CONTACT				
COMPANY/ADDRESS				
Dunbury, CT 06810				
TEL () FAX ()				
SAMPLER'S SIGNATURE				
SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX
B-4 0'-4'	3/24/98	11:25	201158	SOIL
B-5 0'-4'	3/24	11:35	201159	
B-5 4.0'-4.5'	3/24	13:40		
B-5 4.5'-2.0'	3/24	13:45	201160	
B-5 8.0'-12'	3/24	13:50		
B-5 12'-13.5'	3/24	13:55	201161	
B-6 0'-4'	3/24	14:15	201162	
B-6 4'-8'	3/24	14:25	201163	
B-6 8'-11'	3/24	14:40		
B-6 11'-12'	3/24	14:50		
RELINQUISHED BY:		RECEIVED BY:		
Signature: [Signature]		Signature: [Signature]		
Printed Name: [Name]		Printed Name: [Name]		
Firm: [Firm]		Firm: [Firm]		
Date/Time: [Date/Time]		Date/Time: [Date/Time]		
RELINQUISHED BY:		RECEIVED BY:		
Signature: [Signature]		Signature: [Signature]		
Printed Name: [Name]		Printed Name: [Name]		
Firm: [Firm]		Firm: [Firm]		
Date/Time: [Date/Time]		Date/Time: [Date/Time]		
PROJECT NAME				
PROJECT MANAGER/CONTACT				
COMPANY/ADDRESS				
Dunbury, CT 0681				

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

1 Mustard St., Suite 250, P.O. Box 90859, Rochester, NY 14609-0859

(716) 288-5380 • FAX (716) 288-8475

(800) 695-7222

DATE 3/25/92 PAGE OF

PAGE

OF

PROJECT NAME				PROJECT MANAGER/CONTACT				COMPANY/ADDRESS				TEL (203) 746-5200 FAX (203) 746-5272				SAMPLER'S SIGNATURE								
SAMPLE I.D.		DATE	TIME	LAB I.D.	SAMPLE MATRIX		# OF CONTAINERS		GC/MS VOAS	GC/MS SVOAS	GC/MS SVOAS	GC VOAS	PESTICIDES/PCBs	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:
B-1	12-14-2	3/24	1450	201164	SOIL	2	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-2	0-4-1	3/24	1520	201165	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-3	4-5-5	3/24	1525	201166	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-4	5-5-8.0	3/24	1535	201167	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-5	8.0-12	3/24	1600	201168	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-6	12-15.5	3/24	1605	201169	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-7	0-4	3/24	1615	201170	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-8	8-11.2	3/24	1615	201171	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
TRIP BLANK																								

PROJECT NAME				PROJECT MANAGER/CONTACT				COMPANY/ADDRESS				TEL (203) 746-5200 FAX (203) 746-5272				SAMPLER'S SIGNATURE								
SAMPLE I.D.		DATE	TIME	LAB I.D.	SAMPLE MATRIX		# OF CONTAINERS		GC/MS VOAS	GC/MS SVOAS	GC/MS SVOAS	GC VOAS	PESTICIDES/PCBs	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:
B-1	12-14-2	3/24	1450	201164	SOIL	2	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-2	0-4-1	3/24	1520	201165	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-3	4-5-5	3/24	1525	201166	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-4	5-5-8.0	3/24	1535	201167	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A 625	GC VOAS 8010/8020 601/602	PESTICIDES/PCBs 8080 608	STARS LIST 8021 VOAS	STARS LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	INVOICE INFORMATION:	REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	RECEIVED BY:	RELINQUISHED BY:		
B-5	8.0-12	3/24	1600	201168	SOIL	1	1	GC/MS VOAS 8260 624	GC/MS SVOAS 8270A															

1 Mustard St., Suite 250, P.O. Box 90859, Rochester, NY 14609-0859

(716) 288-5380 • FAX (716) 288-8475

(800) 695-7222

PAGE

FO

PROJECT NAME <u>LCCTC4 Checkbook Agency, NY</u>				ANALYSIS REQUESTED				PRESERVATION																	
PROJECT MANAGER/CONTACT <u>Mark Campbell</u>																									
COMPANY/ADDRESS <u>NES 44 Sheltor Rock Dr.</u>																									
<u>Dunking, CT 06810</u>																									
TEL (203) <u>796 5000</u> FAX (203) <u>796 5273</u>																									
SAMPLER'S SIGNATURE _____																									
SAMPLE I.D.		DATE	TIME	LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS		GC/MS VOAS 8260 ☒ 624	GC/MS SVOAS 8270A ☐ 625	GC VOAS 8010/8020 ☐ 601/602	PESTICIDES/PCBS 8080 ☐ 608	STARS LIST 8021 VOAS TOTAL ☐ TCLP	STARS LIST 8270 SVOAS TOTAL ☐ TCLP	TCLP ☐ METALS VOAS ☐ SVOAS ☐ H/P	WASTE CHARACTERIZATION React ☐ Corros. ☐ Ignit.	METALS, TOTAL (LIST BELOW)	METALS, DISSOLVED (LIST BELOW)	TOC <u>145466</u>	ARCHIVE			PH < 2.0	PH > 12	Other	
B-9 0'-2'		3/25	0900	201490	SOIL	1																			
B-9 4'-6'		3/25	0910	201491		1																			
B-9 8'-10'		3/25	0930			1																			
B-9 10'-12'		3/25	0940	201492		1																			
B-9 14'-15.3'		3/25	1000	201493		1																			
B-9 12'-14'		3/25	0950			1																			
B-10 0'-2'		3/25	1010			1																			
B-10 2'-4'		3/25	1015	201494		1																			
B-10 4'-6'		3/25	1020			1																			
B-10 6'-8'		3/25	1025			1																			
RELINQUISHED BY: <u>[Signature]</u> Signature <u>Torrey Ellis</u> Printed Name <u>NES</u> Firm <u>3/26/08</u> 1400 Date/Time				RECEIVED BY: <u>[Signature]</u> Signature <u>[Signature]</u> Printed Name <u>AS</u> Firm <u>3-26-98</u> 2100 Date/Time				TURNAROUND REQUIREMENTS 24 hr. ☐ 48 hr. ☐ 5 day ☐ Standard (10-15 working days) ☐ Provide Verbal Preliminary Results ☐ Provide FAX Preliminary Results ☐ Requested Report Date _____				REPORT REQUIREMENTS 1. Routine Report ☐ 2. Routine Rep. w/CASE Narrative ☐ 3. EPA Level III ☐ Validatable Package ☐ 4. N.J. Reduced Deliverables Level IV ☐ 5. NY ASP/CLP Deliverables ☐ 6. Site specific QC. ☐				INVOICE INFORMATION: PO #: _____ Bill To: _____ Shipping Via: <u>CAS</u> Shipping #: _____ Temperature: <u>2.8°C</u> Submission No: _____				SAMPLE RECEIPT:					
RELINQUISHED BY: <u>[Signature]</u> Signature <u>Mike Sciondra</u> Printed Name <u>CAS</u> Firm <u>3-26-98</u> 415 Date/Time				RECEIVED BY: <u>[Signature]</u> Signature <u>[Signature]</u> Printed Name <u>[Signature]</u> Firm <u>3-26-98</u> 1615 Date/Time				SPECIAL INSTRUCTIONS/COMMENTS: METALS ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List ARCHIVE SAMPLES DESIGNATED DO NOT ANALYSE																	
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					
RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____																					

PROJECT NAME LEICA, CHESTERWAGONA, NY
PROJECT MANAGER/CONTACT MARK CAMBERA
COMPANY/ADDRESS NES, 44 SHELTER ROCK RD.
DENBURY, CT. 06810
TEL (203) 776-5000 FAX (203) 776-5272
SAMPLER'S SIGNATURE _____

ANALYSIS REQUESTED																				
SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS VOAs 8260 □ 624	GC/MS SVOAs 8270A □ 625	GC VOAs 8010/8020 □ 601/602	PESTICIDES/PCBs 8080 □ 608	STAR'S LIST 8021 VOAs TOTAL □ TCLP	STAR'S LIST 8270 SVOAs TOTAL □ TCLP	TCLP □ METALS VOAs □ SVOAs □ H/P	WASTE CHARACTERIZATION React □ Corros. □ Ignit.	METALS, TOTAL (LIST BELOW)	METALS, DISSOLVED (LIST BELOW)	TCL TAG# 4060	ARCHIVE	PH < 2.0	PH > 12	OTHER
B-10 8'-10'	3/26	1040		SOIL	1															
B-10 10'-12'	3/25	1050	201495		1															
B-10 12'-14'	3/25	1100	201496		1															
B-10 14'-14.5'	3/25	1105			1															
B-11 0'-2'	3/25	1300	201498		1															
B-11 2'-4'	3/25	1305			1															
B-11 4'-6'	3/25	1310			1															
B-11 6'-8'	3/25	1320	201503		1															
B-11 8'-10'	3/25	1325			1															
B-11 10'-12'	3/25	1335			1															

REPORT REQUIREMENTS
1. Routine Report
2. Routine Rep. w/CASE Narrative
3. EPA Level III
4. N.J. Reduced Deliverables Level IV
5. NY ASP/CLP Deliverables
6. Site specific OC

TURNAROUND REQUIREMENTS
24 hr. — 48 hr. — 5 day
Standard (10-15 working days)
Provide Verbal Preliminary Results
Provide FAX Preliminary Results
Requested Report Date _____

INVOICE INFORMATION:
PO # _____
Bill To: _____
Shipping Via: _____
Shipping #: _____
Temperature: _____
Submission No: _____

SAMPLE RECEIPT:

SPECIAL INSTRUCTIONS/COMMENTS:
METALS
ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List
ARCHIVE SAMPLES DESIGNATED DO NOT ANALYSE

65 RAMAPO VALLEY ROAD
MAHWAH, NJ 07430
201-512-3292
FAX 201-512-3362
309 WEST RIDLEY AVE.
RIDLEY PARK, PA 19078
610-521-3083
FAX 610-521-4589

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

(800) 695-7222

DATE 3/26/98 PAGE _____ OF _____

PROJECT NAME <u>LEICA - CHEERTOWAY A, NY,</u>				ANALYSIS REQUESTED				PRESERVATION															
PROJECT MANAGER/CONTACT <u>MARK CAMBERA</u>																							
COMPANY/ADDRESS <u>44 Sheltor Rock Rd.</u>																							
<u>Danbury CT. 06810</u>																							
TEL (203) 776-5000 FAX (203) 796-5272																							
SAMPLER'S SIGNATURE																							
SAMPLE I.D.				DATE				TIME				LAB I.D.				SAMPLE MATRIX							
B-11 12'-13.5'				3/25				1340				201506				SOIL							
B-11 13.5-14'				3/25				1340				201507											
B-11 14-15.5'				3/25				1345															
B-12 0'-2'				3/25				1420															
B-12 2'-4'				3/25				1430															
B-12 4'-6'				3/25				1435															
B-12 6'-8'				3/25								201509											
B-12 8'-10'				3/25				1510															
B-12 10'-12'				3/25				1520															
B-12 12'-13.5'				3/25				1530				201510				↓							
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>Mike Beemh</u>				Signature <u>[Signature]</u>				Printed Name <u>M. Seisnulta</u>				Firm <u>CAS</u>				Date/Time <u>3-26-98 2:00</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>Tom Hasting</u>				Signature <u>[Signature]</u>				Printed Name <u>Tom Hasting</u>				Firm <u>CAS</u>				Date/Time <u>3-26-98 16:15</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature]</u>				Firm <u>[Signature]</u>				Date/Time <u>[Signature]</u>			
RELINQUISHED BY: <u>[Signature]</u>				RECEIVED BY: <u>[Signature]</u>				Signature <u>[Signature]</u>				Printed Name <u>[Signature</u>											

COLUMBIA ANALYTICAL SERVICES, INC.

1 Mustard St., Suite 250, P.O. Box 90859, Rochester, NY 14609-0859
(716) 288-5380 • FAX (716) 288-8475

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

(800) 695-7222

DATE

PAGE 1

OF 4

PROJECT NAME <u>LEICA, CHEXVONT, NY.</u> PROJECT MANAGER/CONTACT <u>MARK CAMPBELL</u> COMPANY/ADDRESS <u>NES, 446 Heller Road Rd.</u> <u>Danbury CT, 06810</u> TEL <u>203 796-5000</u> FAX <u>203 796-5272</u> SAMPLER'S SIGNATURE _____				ANALYSIS REQUESTED # OF CONTAINERS <u>1</u> GC/MS VOAs <u>8260</u> ☐ 624 GC/MS SVOAs <u>8270A</u> ☐ 625 GC VOAs <u>8010/8020</u> ☐ 601/602 PESTICIDES/PCBs <u>8080</u> ☐ 608 STARS LIST 8021 VOAs ☐ TOTAL ☐ TCLP STARS LIST 8270 SVOAs ☐ TOTAL ☐ TCLP TCLP ☐ METALS ☐ SVOAs ☐ H/P WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit. METALS, TOTAL (LIST BELOW) METALS, DISSOLVED (LIST BELOW) TOC <u>TKM 4060</u> ARCHIVE										PRESERVATION pH < 2.0 pH > 12 Other					
RECEIVED BY: <u>Mike Scivillano</u> Signature _____ Printed Name <u>Mike Scivillano</u> Firm <u>NES</u> Date/Time <u>3/27/98 1400</u>		RECEIVED BY: <u>Mike Scivillano</u> Signature _____ Printed Name <u>Mike Scivillano</u> Firm <u>NES</u> Date/Time <u>3/27/98 1400</u>		RECEIVED BY: <u>Tom Hestings</u> Signature _____ Printed Name <u>Tom Hestings</u> Firm <u>CA5</u> Date/Time <u>3/27/98 1215</u>		RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____		RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____		RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____		RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____		RECEIVED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____					
RELINQUISHED BY: <u>Mike Scivillano</u> Signature _____ Printed Name <u>Mike Scivillano</u> Firm <u>NES</u> Date/Time <u>3/27/98 1400</u>				RELINQUISHED BY: <u>Mike Scivillano</u> Signature _____ Printed Name <u>Mike Scivillano</u> Firm <u>NES</u> Date/Time <u>3/27/98 1400</u>				RELINQUISHED BY: <u>Tom Hestings</u> Signature _____ Printed Name <u>Tom Hestings</u> Firm <u>CA5</u> Date/Time <u>3/27/98 1215</u>				RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____				RELINQUISHED BY: _____ Signature _____ Printed Name _____ Firm _____ Date/Time _____			
TURNAROUND REQUIREMENTS 24 hr. ☐ 48 hr. ☐ 5 day Standard (10-15 working days) Provide Verbal Preliminary Results Provide FAX Preliminary Results Requested Report Date _____				REPORT REQUIREMENTS 1. Routine Report 2. Routine Rep. w/CASE Narrative 3. EPA Level III 4. N.J. Reduced 5. NY ASP/CLP Deliverables 6. Site specific QC.				INVOICE INFORMATION: P.O. # _____ Bill To: _____ Shipping Via: _____ Shipping #: _____ Temperature: _____ Submission No: <u>3-351</u>				SAMPLE RECEIPT: Shipping Via: _____ Shipping #: _____ Temperature: _____ Submission No: <u>3-351</u>							
SPECIAL INSTRUCTIONS/COMMENTS: METALS ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List																			

65 RAMAPO VALLEY ROAD
MAHWAH, NJ 07430
201-512-3292
FAX 201-512-3362
309 WEST RIDLEY AVE.
RIDLEY PARK, PA 19078
610-521-3083
FAX 610-521-4589

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

(800) 695-7222

(716) 288-5380 • FAX (716) 288-8475

DATE _____

PAGE

OF

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

(800) 695-7222

PAGE 3 OF 7

DATE

PROJECT NAME				ANALYSIS REQUESTED												PRESERVATION		
PROJECT MANAGER/CONTACT																		
COMPANY/ADDRESS																		
TELEPHONE/FAX																		
SAMPLER'S SIGNATURE																		
SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS VOAS	GC/MS SVOAS	GC VOAS	PESTICIDES/PCBs	STAR'S LIST 8021 VOAS	STAR'S LIST 8270 SVOAS	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL (LIST BELOW)	METALS, DISSOLVED (LIST BELOW)	TOC	Other	
B-16 9-10'	3/26	11:30	201834	SOIL	1	X												
B-16 10-12'	3/26	11:35			1													
AB-1 0.5-2'	3/26	13:40			1													
AB-1 2-4'	3/26	13:45			1													
AB-1 4-6'	3/26	13:55			1													
AB-1 6.7-5'	3/26	14:00	201835		1													
AB-1 7.5-8'	3/26	14:00	201836		1													
AB-1 8-10'	3/26	14:10			1													
AB-2 0.5-2'	3/26	14:45			1													
AB-2 2-4'	3/26	14:50			1													

RECEIVED BY:
Signature: Mike Scianella
Printed Name: Mike Scianella
Firm: CAS
Date/Time: 3-27-95 2:00

RECEIVED BY:
Signature: Tom Haskings
Printed Name: Tom Haskings
Firm: CAS
Date/Time: 3/27/98 17:11

RECEIVED BY:
Signature: _____
Printed Name: _____
Firm: _____
Date/Time: _____

RELINQUISHED BY:
Signature: Mike Scianella
Printed Name: Mike Scianella
Firm: CAS
Date/Time: 3-27-98 5:15

RELINQUISHED BY:
Signature: _____
Printed Name: _____
Firm: _____
Date/Time: _____

REPORT REQUIREMENTS
☐ 1. Routine Report
☐ 2. Routine Rep. w/CASE Narrative
☐ 3. EPA Level III Validatable Package
☐ 4. N.J. Reduced Deliverables Level IV
☐ 5. NY ASP/CLP Deliverables
☐ 6. Site specific QC.

INVOICE INFORMATION:
 PO #: _____
 Bill To: _____
 Shipping Via: _____
 Shipping #: _____
 Temperature: _____
 Submission No: _____

TURNAROUND REQUIREMENTS
☐ 24 hr. ☐ 48 hr. ☐ 5 day
☐ Standard (10-15 working days)
☐ Provide Verbal Preliminary Results
☐ Provide FAX Preliminary Results
 Requested Report Date: _____

SPECIAL INSTRUCTIONS/COMMENTS:
 METALS
 ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List

65 RAMAPO VALLEY ROAD
MAHWAH, NJ 07430

201-512-3292
FAX 201-512-3362

309 WEST RIDLEY AVE.
RIDLEY PARK, PA 19078

610-521-3083
FAX 610-521-4589

COLUMBIA ANALYTICAL SERVICES, INC.

1 Mustard St., Suite 250, P.O. Box 90859, Rochester, NY 14609-0859
(716) 288-5380 • FAX (716) 288-8475

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

(800) 695-7222

DATE

PAGE

1 OF 7

PROJECT NAME <u>LEICA, CHEEK TOWNSHIP, NY</u> PROJECT MANAGER/CONTACT <u>MARK CAMBRA</u> COMPANY/ADDRESS <u>WES 44 Shaffer Park Rd</u> <u>Danbury CT 06810</u> TEL (203) 796-5305 FAX (203) 796-5305 SAMPLER'S SIGNATURE <u>[Signature]</u>				ANALYSIS REQUESTED # OF CONTAINERS <u>1</u> GC/MS VOAs <u>8260</u> ☐ <u>624</u> GC/MS SVOAs <u>8270A</u> ☐ <u>625</u> GC VOAs <u>8010/8020</u> ☐ <u>601/602</u> PESTICIDES/PCBs <u>8080</u> ☐ <u>608</u> STARS LIST 8021 VOAs <u>TOTAL</u> ☐ <u>TCLP</u> STARS LIST 8270 SVOAs <u>TOTAL</u> ☐ <u>TCLP</u> TCLP ☐ METALS ☐ SVOAs ☐ H/P WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit. METALS, TOTAL (LIST BELOW) METALS, DISSOLVED (LIST BELOW) <u>TOL THWYDCC</u> <u>2 X 2 ARCHIVE</u>										PRESERVATION PH < 2.0 ☐ PH > 12 ☐ Other ☐			
SAMPLE I.D. DATE TIME LAB I.D. SAMPLE MATRIX <u>AB-2 4-6</u> <u>3/26</u> <u>1500</u> <u>SOIL</u> <u>AB-2 6-8</u> <u>3/26</u> <u>1505</u> <u>201837</u> <u>AB-2 8-10</u> <u>3/26</u> <u>1515</u> <u>AB-2 10-12</u> <u>3/26</u> <u>1525</u> <u>201838</u> <u>AB-2 14-15.3</u> <u>3/26</u> <u>1540</u> <u>B-17 05-20</u> <u>3/26</u> <u>1605</u> <u>B-17 2-4</u> <u>3/26</u> <u>1620</u> <u>201839</u> <u>B-17 4-6</u> <u>3/26</u> <u>1625</u> <u>201840</u> <u>B-17 6-8</u> <u>3/26</u> <u>1635</u> <u>B-17 8-10</u> <u>3/26</u> <u>1645</u>				TURNAROUND REQUIREMENTS 24 hr. ☐ 48 hr. ☐ 5 day ☐ Standard (10-15 working days) ☐ Provide Verbal Preliminary Results ☐ Provide FAX Preliminary Results ☐ Requested Report Date _____				REPORT REQUIREMENTS 1. Routine Report ☐ 2. Routine Rep. w/CASE Narrative ☐ 3. EPA Level III ☐ Validatable Package ☐ 4. N.J. Reduced Deliverables Level IV ☐ 5. NY ASP/CLP Deliverables ☐ 6. Site Specific QC ☐				INVOICE INFORMATION: P.O. # _____ Bill To: _____ Shipping Via: _____ Shipping #: _____ Temperature: _____ Submission No: _____				SAMPLE RECEIPT: _____ _____ _____	
RELINQUISHED BY: <u>[Signature]</u> Signature <u>Mike Scannell</u> Printed Name <u>AS</u> Firm <u>3-27-98</u> <u>1400</u> Date/Time				RECEIVED BY: <u>[Signature]</u> Signature <u>Mike Scannell</u> Printed Name <u>AS</u> Firm <u>3-27-98</u> <u>17:11</u> Date/Time				SPECIAL INSTRUCTIONS/COMMENTS: METALS ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List				65 RAMAPO VALLEY ROAD MAHWAH, NJ 07430 201-512-3292 FAX 201-512-3362 309 WEST RIDLEY AVE. RIDLEY PARK, PA 19078 610-521-3083 FAX 610-521-4589					
RELINQUISHED BY: <u>[Signature]</u> Signature <u>Mike Scannell</u> Printed Name <u>AS</u> Firm <u>3-27-98</u> <u>5:15</u> Date/Time				RECEIVED BY: <u>[Signature]</u> Signature <u>Mike Scannell</u> Printed Name <u>AS</u> Firm <u>3-27-98</u> <u>17:11</u> Date/Time				RELINQUISHED BY: <u>[Signature]</u> Signature <u>Mike Scannell</u> Printed Name <u>AS</u> Firm <u>3-27-98</u> <u>17:11</u> Date/Time				RECEIVED BY: <u>[Signature]</u> Signature <u>Mike Scannell</u> Printed Name <u>AS</u> Firm <u>3-27-98</u> <u>17:11</u> Date/Time					

COLUMBIA ANALYTICAL SERVICES, INC.
1 Mustard St., Suite 250, P.O. Box 90859, Rochester, NY 14609-0859
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DATE _____

PAGE

OF

PROJECT NAME		LEICA, CHESTER, N.Y.		
PROJECT MANAGER/CONTACT		MARK CAMERLA		
COMPANY/ADDRESS		NBS 44 Slicker Creek Rd. Danbury CT, 06810		
TEL (203) 796-8000		FAX (203) 796-5232		
SAMPLER'S SIGNATURE				
SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX
B-17 10-12	3/26	16:55	201841	SOIL
B-17 12-14	3/26	17:05		
B-18 4'-6'	3/27	10:55	201842	
B-18 6'-8'	3/27	11:00		
B-18 8'-10'	3/27	11:05		
B-18 10'-12'	3/27	11:10	201843	
B-18 12'-14'	3/27	11:15	201844	
B-19 0.5'-2.0'	3/27	09:30		
B-19 2'-4'	3/27	09:35	201845	
B-19 4'-6'	3/27	09:40	201846	
RELINQUISHED BY:		RECEIVED BY:		
Signature M. Camerla		Signature M. Camerla		
Printed Name M. Camerla		Printed Name M. Camerla		
Firm NBS		Firm NBS		
Date/Time 3/27/98 1400		Date/Time 3/27/98 1700		
RELINQUISHED BY:		RECEIVED BY:		
Signature M. Camerla		Signature M. Camerla		
Printed Name M. Camerla		Printed Name M. Camerla		
Firm NBS		Firm NBS		
Date/Time 3/27/98 5:15		Date/Time 3/27/98 17:15		
RELINQUISHED BY:		RECEIVED BY:		
Signature		Signature		
Printed Name		Printed Name		
Firm		Firm		
Date/Time		Date/Time		
ANALYSIS REQUESTED				
PRIORITY				
PRESERVATION				
PH > 12				
PH < 2.0				
Other				
INVOICE INFORMATION:				
REPORT REQUIREMENTS				
TURNAROUND REQUIREMENTS				
SPECIAL INSTRUCTIONS/COMMENTS:				
METALS				
ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List				
65 RAMAPO VALLEY ROAD MAHWAH, NJ 07430				
201-512-3292 FAX 201-512-3362				
309 WEST RIDLEY AVE. RIDLEY PARK, PA 19078				
610-521-3083 FAX 610-521-4589				

PROJECT NAME LEICA CHEEKTOWAGA, NY.			
PROJECT MANAGER / CONTACT MARK CAMERERA			
COMPANY / ADDRESS NBS 44 Shelter Rock Rd. Danbury CT. 06810			
TEL (203) 796-5000 FAX (203) 796-5272			
SAMPLER'S SIGNATURE [Signature]			

# OF CONTAINERS	G/CMS VOAS □ 8260 □ 624	G/CMS SVOAS □ 8270A □ 625	G/C VOAS □ 8010/8020 □ 601/602	PESTICIDES/PCBs □ 8080 □ 608	STAR'S LIST 8021 VOAS □ TOTAL □ TCLP	STAR'S LIST 8270 SVOAS □ TOTAL □ TCLP	TCLP □ METALS □ VOAS □ SVOAS □ H/P	WASTE CHARACTERIZATION □ React □ Corros. □ Ignit.	METALS, TOTAL (LIST BELOW)	METALS, DISSOLVED (LIST BELOW)	TOC TOGm Y060	ARCHIVE					PRESERVATION PH > 12 PH < 2.0 Other
B-19 C'-8'	3/27 0945	201847	SOIL		-												
B-19 8'-10'	3/27 1000				-												
B-19 10'-12'	3/27 1005				-												
B-19 12'-14'	3/27 1015	201848			-						X						
B-20 0'-2'	3/27 0825				-												
B-20 2'-4'	3/27 0830				-												
B-20 4'-6'	3/27 0835	201849			-						X						
B-20 6'-8'	3/27 0840				-												
B-20 8'-10'	3/27 0845				-												
B-20 10'-12'	3/27 0850				-												

RELINQUISHED BY: Signature Mike Scandale Printed Name Mike Scandale Firm NBS Date/Time 3/27/98 1700		RECEIVED BY: Signature Mike Scandale Printed Name Mike Scandale Firm NBS Date/Time 3-27-98 200	
RELINQUISHED BY: Signature Mike Scandale Printed Name Mike Scandale Firm NBS Date/Time 3-27-98 - 5:15		RECEIVED BY: Signature Tom Hastings Printed Name Tom Hastings Firm NBS Date/Time 3-27-98 17:15	
RELINQUISHED BY: Signature _____ Printed Name _____ Firm _____ Date/Time _____		RECEIVED BY: Signature _____ Printed Name _____ Firm _____ Date/Time _____	

SPECIAL INSTRUCTIONS/COMMENTS: METALS ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List <i>Archive Samples Designated - DO NOT ANALYSE.</i>										REPORT REQUIREMENTS ☒ 1. Routine Report ☐ 2. Routine Rep. w/CASE Narrative ☐ 3. EPA Level III Validatable Package ☐ 4. N.J. Reduced Deliverables Level IV ☐ 5. NY ASP/CLP Deliverables ☐ 6. Site specific QC.										TURNAROUND REQUIREMENTS ☐ 24 hr. ☐ 48 hr. ☐ 5 day ☐ Standard (10-15 working days) ☐ Provide Verbal Preliminary Results ☐ Provide FAX Preliminary Results Requested Report Date ____										ANALYSIS REQUESTED									
										INVOICE INFORMATION: Shipping Via: Shipping #: Temperature: Submission No.:										SAMPLE RECEIPT:																			

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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

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DATE 3/29/98 PAGE 7 OF 7

PROJECT NAME				ANALYSIS REQUESTED										PRESERVATION																							
PROJECT MANAGER/CONTACT																																					
COMPANY/ADDRESS																																					
SAMPLER'S SIGNATURE																																					
LEKA, CHEVONDA, NY MATEK CARMICHA NBS 44 Sutter Road Rd Danbury CT, 06810 TEL 203 796-0000 FAX 203 796-5272																																					
SAMPLE I.D.				DATE		TIME		LAB I.D.		SAMPLE MATRIX		# OF CONTAINERS		GC/MS VOAS		GC/MS SVOAS		GC VOAS		PESTICIDES/PCBS		STARS LIST 8021 VOAS		STARS LIST 8270 SVOAS		TCLP		WASTE CHARACTERIZATION		METALS, TOTAL (LIST BELOW)		METALS, DISSOLVED (LIST BELOW)		TCL		ARCHIVE	
B-19 12-14				3/27		1015				SOIL		1		1		1		1		1		1		1		1		1		1		1		1		1	
B-20 6-2'				3/27		0825						1		1		1		1		1		1		1		1		1		1		1		1		1	
B-20 2-4'				3/27		0830		201850				1		1		1		1		1		1		1		1		1		1		1		1		1	
B-20 6-8'				3/27		0840						1		1		1		1		1		1		1		1		1		1		1		1		1	
B-20 4-6'				3/27		0835						1		1		1		1		1		1		1		1		1		1		1		1		1	
B-20 10-12				3/27		0850						1		1		1		1		1		1		1		1		1		1		1		1		1	
B-20 12-14				3/27		0855		201851				1		1		1		1		1		1		1		1		1		1		1		1		1	
B-20 11-16				3/27		0900		201852				1		1		1		1		1		1		1		1		1		1		1		1		1	
RELINQUISHED BY:				DATE		TIME		LAB I.D.		SAMPLE MATRIX		# OF CONTAINERS		GC/MS VOAS		GC/MS SVOAS		GC VOAS		PESTICIDES/PCBS		STARS LIST 8021 VOAS		STARS LIST 8270 SVOAS		TCLP		WASTE CHARACTERIZATION		METALS, TOTAL (LIST BELOW)		METALS, DISSOLVED (LIST BELOW)		TCL		ARCHIVE	
Signature: <u>Mike Scignola</u>				3/27		1400						1		1		1		1		1		1		1		1		1		1		1		1		1	
Printed Name: <u>NBS</u>																																					
Firm: <u>3/27/98</u>																																					
Date/Time: <u>1400</u>																																					
RELINQUISHED BY:				DATE		TIME		LAB I.D.		SAMPLE MATRIX		# OF CONTAINERS		GC/MS VOAS		GC/MS SVOAS		GC VOAS		PESTICIDES/PCBS		STARS LIST 8021 VOAS		STARS LIST 8270 SVOAS		TCLP		WASTE CHARACTERIZATION		METALS, TOTAL (LIST BELOW)		METALS, DISSOLVED (LIST BELOW)		TCL		ARCHIVE	
Signature: <u>Mike Scignola</u>				3/27		1400						1		1		1		1		1		1		1		1		1		1		1		1		1	
Printed Name: <u>CA</u>																																					
Firm: <u>3-27-98</u>																																					
Date/Time: <u>5:15</u>																																					
RECEIVED BY:				DATE		TIME		LAB I.D.		SAMPLE MATRIX		# OF CONTAINERS		GC/MS VOAS		GC/MS SVOAS		GC VOAS		PESTICIDES/PCBS		STARS LIST 8021 VOAS		STARS LIST 8270 SVOAS		TCLP		WASTE CHARACTERIZATION		METALS, TOTAL (LIST BELOW)		METALS, DISSOLVED (LIST BELOW)		TCL		ARCHIVE	
Signature: <u>Tom Hastings</u>				3/27		17:15						1		1		1		1		1		1		1		1		1		1		1		1		1	
Printed Name: <u>Tom Hastings</u>																																					
Firm: <u>3-27-98</u>																																					
Date/Time: <u>17:15</u>																																					
RECEIVED BY:				DATE		TIME		LAB I.D.		SAMPLE MATRIX		# OF CONTAINERS		GC/MS VOAS		GC/MS SVOAS		GC VOAS		PESTICIDES/PCBS		STARS LIST 8021 VOAS		STARS LIST 8270 SVOAS		TCLP		WASTE CHARACTERIZATION		METALS, TOTAL (LIST BELOW)		METALS, DISSOLVED (LIST BELOW)		TCL		ARCHIVE	
Signature: <u>Mike Scignola</u>				3/27		1400						1		1		1		1		1		1		1		1		1		1		1		1		1	
Printed Name: <u>CA</u>																																					
Firm: <u>3-27-98</u>																																					
Date/Time: <u>5:15</u>																																					

55 RAMAPO VALLEY ROAD MAHWAH, NJ 07430 201-512-3292 FAX 201-512-3362 309 WEST RIDLEY AVE. RIDLEY PARK, PA 19078 610-521-3083 FAX 610-521-4589



SHELTER ROCK ROAD
DANBURY, CONNECTICUT 06810
(203) 796-5000

Inter-Office Correspondence

To: File
From: K. Hanlon *[Signature]*
Subject: Leica TOC Sampling

Date: 6/19/97
Business Unit: IES Dept. 020
No.: ESG-1768

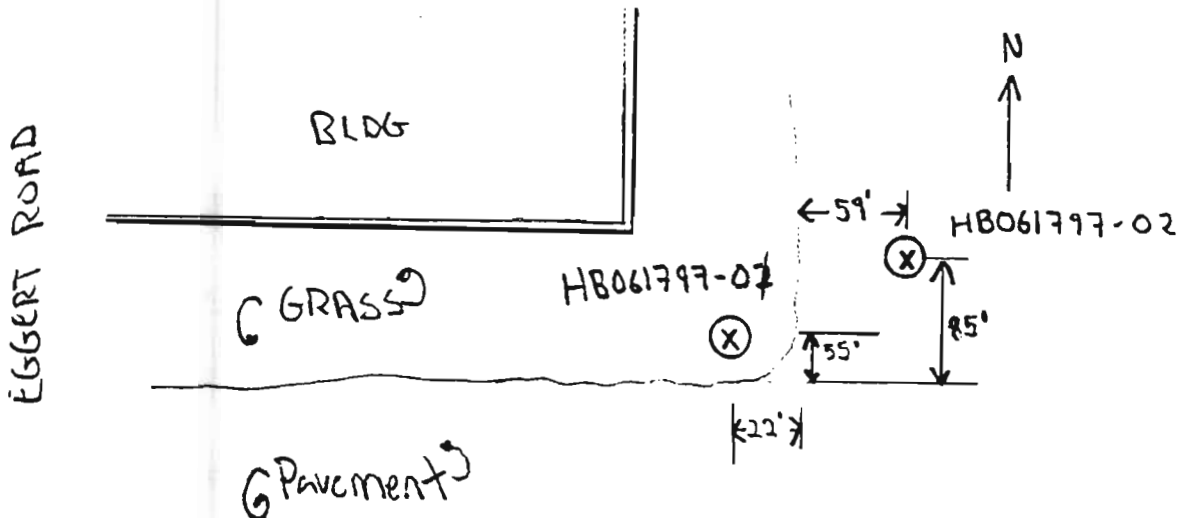
Two samples, designated HB061707-01 and HB061707-02 were collected by K. Hanlon on June 17, 1997. The samples were obtained via hand auguring in "Area C" at the locations indicated below. The samples were placed in un-preserved 4 oz clear glass jars and sent via Airborne Express to H2M Laboratories for analysis of TOC via TAGM 4060. Descriptive boring logs are provided below.

HB061707-01

0'-0.2' Turf
0.2'-2.0' Loam. Dry
2.0'-3.0' Brown to pink stiff clay with trace angular rock fragments (1/4") and trace organic material. Dry. Sample collected at 3.0'.

HB061707-02

0'-0.2' Asphalt
0.2'-0.5' Pavement base (3" stone). Dry
0.5'-1.5' Gray to black soft clay with trace angular rock fragments (1/4"). Damp and odiferous (gasoline?) at 1.5'.
1.5'-2.0' Gray to black soft clay. Saturated - boring filled with water to about 1.5'. Water not odiferous. Sample of cuttings from 1.5'-2.0' collected.
2.0' Refusal of the hand auger.



cc/

K. Cyr
R. McPeak
M. Cambra

NES
 KERRY HANLON
 44 SHELTER ROCK RD.
 DANBURY, CT 06810

DATE RECEIVED.. 06/18/97
 COLLECTED BY... CL98
 PROJECT NO.....
 TYPE SOTL

LAB NO.	DATE COLLECTED	LOCATION	TOC mg/kg	TOTAL SOLIDS %
9717043 ROUTINE	06/17/97 GRAB	HB061797-01	16233	81.4
9717044 ROUTINE	06/17/97 GRAB	HB061797-02	38720	81.1

REMARKS:

COPIES TO:

DATE ISSUED 06/23/97

LABORATORY DIRECTOR

ORIGINAL

TOC

silt fill	BH-3-93	1.5-3	15,900 mg/kg	1.5%
silt/sand	BH-5-93	8-13	9,600 mg/kg	0.96%
sand, to clay	MW 14	10-11	17,300 mg/kg	1.7%
			clay	1.6%
			clay	3.67%
				AVE 1.9%
				MEDIAN 1.6%



A FULL SERVICE ENVIRONMENTAL LABORATORY

August 14, 1998

Mr. Mark Cambra
NES/INTEGRATED ENVIRO SERVICES
44 Shelter Rock Road
Danbury, CT 06810

PROJECT:LEICA, CHEEKTOWAGA, NY
Submission #:9807000454

Dear Mr. Cambra

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (716) 288-5380.

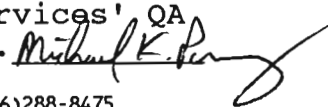
Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Mark Wilson
Client Service Manager

Enc.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director prior to report submittal. 



Effective 04/01/96

CAS LIST OF QUALIFIERS

(The basis of this proposal are the EPA-CLP Qualifiers)

- U - Indicates compound was analyzed for but was not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. For further explanation see case narrative / cover letter.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- N - Spiked sample recovery not within control limits.
(Flag the entire batch - Inorganic analysis only)
- * - Duplicate analysis not within control limits.
(Flag the entire batch - Inorganic analysis only)
 - Also used to qualify Organics QC data outside limits.
- D - Spike diluted out.
- S - Reported value determined by Method of Standard Additions. (MSA)
- X - As specified in the case narrative.

CAS Lab ID # for State Certifications

NY ID # in Rochester: 10145
CT ID # in Rochester: PH0556
MA ID # in Rochester: M-NY032

NJ ID # in Rochester: 73004
RI ID # in Rochester: 158

CASE NARRATIVE

COMPANY: NES/Integrated Enviro Services

Leica

SUBMISSION #: 9807000454

NES soil samples were collected on 07/27/98 and received at CAS on 07/30/98 in good condition at a temperature of 4.0C.

VOLATILE ORGANICS

Soil samples were analyzed for the Target Compound List (TCL) of volatile organics by EPA Method 8260 from SW-846.

Samples B-25 12-15', and B-23 12-13.5' were analyzed for site specific QC. All matrix spike recoveries and RPD were within QC limits.

All surrogate recoveries were within QC Limits except for 4-BFB in sample B-28 4'-8'. This sample was repeated to confirm this QC problem.

Several samples were analyzed at dilutions to obtain target compounds within the linear range of the methods or due to high levels of interfering organics.

All tuning criteria for BFB were met.

The initial and continuing calibration criteria were met for all analytes.

All samples were analyzed within the holding time as specified in the method.

No other analytical or QC problems were encountered.

ANALYTICAL REPORT SUMMARY

METHOD 8260B TCL

DRY WEIGHT REPORTED UNITS: UG/KG

NES/INTEGRATED ENVIRO SERVICES

LEICA, CHEEKTOWAGA, NY

SUBMISSION #: 9807000454

ORDER NUMBER		228003	228004	228005	228006
SAMPLE ID:		B-25 (12-15')	B-25 (15-16')	B-26 (12-14.5')	B-21 (4-8')
DATE SAMPLED:		07/27/1998	07/27/1998	07/27/1998	07/27/1998
DATE RECEIVED:	PQL	07/30/1998	07/30/1998	07/30/1998	07/30/1998
DATE ANALYZED:		8/ 5/98	8/ 5/98	8/ 6/98	8/ 6/98
DILUTION:		1.0	1.0	125.0	1.0
PERCENT SOLID (%):		82.2	81.2	79.2	82.0
ACETONE	20	24 U	25 U	3200 U	24 U
BENZENE	5.0	6.1 U	6.2 U	790 U	6.1 U
BROMODICHLOROMETHANE	5.0	6.1 U	6.2 U	790 U	6.1 U
BROMOFORM	5.0	6.1 U	6.2 U	790 U	6.1 U
BROMOMETHANE	5.0	6.1 U	6.2 U	790 U	6.1 U
2-BUTANONE (MEK)	10	12 U	12 U	1600 U	12 U
CARBON DISULFIDE	10	12 U	12 U	1600 U	12 U
CARBON TETRACHLORIDE	5.0	6.1 U	6.2 U	790 U	6.1 U
CHLOROBENZENE	5.0	6.1 U	6.2 U	790 U	6.1 U
CHLOROETHANE	5.0	6.1 U	6.2 U	790 U	6.1 U
CHLOROFORM	5.0	6.1 U	6.2 U	790 U	6.1 U
CHLOROMETHANE	5.0	6.1 U	6.2 U	790 U	6.1 U
DIBROMOCHLOROMETHANE	5.0	6.1 U	6.2 U	790 U	6.1 U
1,1-DICHLOROETHANE	5.0	6.1 U	6.2 U	790 U	6.1 U
1,2-DICHLOROETHANE	5.0	6.1 U	6.2 U	790 U	6.1 U
1,1-DICHLOROETHENE	5.0	6.1 U	6.2 U	790 U	6.1 U
CIS-1,2-DICHLOROETHENE	5.0	6.1 U	6.2 U	790 U	68
TRANS-1,2-DICHLOROETHENE	5.0	6.1 U	6.2 U	790 U	7.1
1,2-DICHLOROPROPANE	5.0	6.1 U	6.2 U	790 U	6.1 U
CIS-1,3-DICHLOROPROPENE	5.0	6.1 U	6.2 U	790 U	6.1 U
TRANS-1,3-DICHLOROPROPENE	5.0	6.1 U	6.2 U	790 U	6.1 U
ETHYLBENZENE	5.0	6.1 U	6.2 U	790 U	6.1 U
2-HEXANONE	10	12 U	12 U	1600 U	12 U
METHYLENE CHLORIDE	5.0	6.1 U	6.9	790 U	24
4-METHYL-2-PENTANONE (MIBK)	10	12 U	12 U	1600 U	12 U
STYRENE	5.0	6.1 U	6.2 U	790 U	6.1 U
1,1,2,2-TETRACHLOROETHANE	5.0	6.1 U	6.2 U	790 U	6.1 U
TETRACHLOROETHENE	5.0	6.1 U	6.2 U	790 U	6.1 U
TOLUENE	5.0	6.1 U	6.2 U	790 U	6.1 U
1,1,1-TRICHLOROETHANE	5.0	6.1 U	6.2 U	790 U	6.1 U
1,1,2-TRICHLOROETHANE	5.0	6.1 U	6.2 U	790 U	6.1 U
TRICHLOROETHENE	5.0	6.1 U	6.2 U	5200	35
VINYL CHLORIDE	5.0	6.1 U	6.2 U	790 U	6.1 U
M+P-XYLENE	5.0	6.1 U	6.2 U	790 U	6.1 U
O-XYLENE	5.0	6.1 U	6.2 U	790 U	6.1 U

SURROGATE RECOVERIES

LIMITS

4-BROMOFLUOROBENZENE	74 - 121	79	97	99	88
TOLUENE-D8	81 - 117	92	98	97	97
DIBROMOFLUOROMETHANE	80 - 120	101	101	97	106

ANALYTICAL REPORT SUMMARY

METHOD 8260B TCL

DRY WEIGHT REPORTED UNITS: UG/KG

NES/INTEGRATED ENVIRO SERVICES

LEICA, CHEEKTOWAGA, NY

SUBMISSION #: 9807000454

ORDER NUMBER		228007	228008	228009	228010
SAMPLE ID:		B-21 (12-14.5')	B-22 (0-4')	B-22 (4-8')	B-22 (11-15')
DATE SAMPLED:		07/27/1998	07/27/1998	07/27/1998	07/27/1998
DATE RECEIVED:	PQL	07/30/1998	07/30/1998	07/30/1998	07/30/1998
DATE ANALYZED:		8/ 6/98	8/ 6/98	8/ 7/98	8/ 6/98
DILUTION:		1.0	125.0	1.0	1.0
PERCENT SOLID (%):		88.0	77.6	87.1	83.5
ACETONE	20	23 U	3200 U	23 U	24 U
BENZENE	5.0	5.7 U	810 U	5.7 U	6.0 U
BROMODICHLOROMETHANE	5.0	5.7 U	810 U	5.7 U	6.0 U
BROMOFORM	5.0	5.7 U	810 U	5.7 U	6.0 U
BROMOMETHANE	5.0	5.7 U	810 U	5.7 U	6.0 U
2-BUTANONE (MEK)	10	11 U	1600 U	11 U	12 U
CARBON DISULFIDE	10	11 U	1600 U	11 U	12 U
CARBON TETRACHLORIDE	5.0	5.7 U	810 U	5.7 U	6.0 U
CHLOROBENZENE	5.0	5.7 U	810 U	5.7 U	6.0 U
CHLOROETHANE	5.0	5.7 U	810 U	5.7 U	6.0 U
CHLOROFORM	5.0	5.7 U	810 U	5.7 U	6.0 U
CHLOROMETHANE	5.0	5.7 U	810 U	5.7 U	6.0 U
DIBROMOCHLOROMETHANE	5.0	5.7 U	810 U	5.7 U	6.0 U
1,1-DICHLOROETHANE	5.0	5.7 U	810 U	5.7 U	6.0 U
1,2-DICHLOROETHANE	5.0	5.7 U	810 U	5.7 U	6.0 U
1,1-DICHLOROETHENE	5.0	5.7 U	810 U	5.7 U	6.0 U
CIS-1,2-DICHLOROETHENE	5.0	5.7 U	810 U	5.7 U	9.7
TRANS-1,2-DICHLOROETHENE	5.0	5.7 U	810 U	5.7 U	6.0 U
1,2-DICHLOROPROPANE	5.0	5.7 U	810 U	5.7 U	6.0 U
CIS-1,3-DICHLOROPROPENE	5.0	5.7 U	810 U	5.7 U	6.0 U
TRANS-1,3-DICHLOROPROPENE	5.0	5.7 U	810 U	5.7 U	6.0 U
ETHYLBENZENE	5.0	5.7 U	810 U	93	6.0 U
2-HEXANONE	10	11 U	1600 U	11 U	12 U
METHYLENE CHLORIDE	5.0	15	810 U	5.7 U	7.1
4-METHYL-2-PENTANONE (MIBK)	10	11 U	1600 U	11 U	12 U
STYRENE	5.0	5.7 U	810 U	5.7 U	6.0 U
1,1,2,2-TETRACHLOROETHANE	5.0	5.7 U	810 U	5.7 U	6.0 U
TETRACHLOROETHENE	5.0	5.7 U	810 U	5.7 U	6.0 U
TOLUENE	5.0	5.7 U	810 U	5.7 U	6.0 U
1,1,1-TRICHLOROETHANE	5.0	5.7 U	810 U	5.7 U	6.0 U
1,1,2-TRICHLOROETHANE	5.0	5.7 U	810 U	5.7 U	6.0 U
TRICHLOROETHENE	5.0	9.3	1300	5.7 U	6.0 U
VINYL CHLORIDE	5.0	5.7 U	810 U	5.7 U	6.0 U
M+P-XYLENE	5.0	5.7 U	810 U	100	6.0 U
O-XYLENE	5.0	5.7 U	810 U	5.7 U	6.0 U

SURROGATE RECOVERIES	LIMITS
4-BROMOFLUOROBENZENE	74 - 121
TOLUENE-D8	81 - 117
DIBROMOFLUOROMETHANE	80 - 120

102	106	98	104
98	101	98	100
102	96	101	103

ANALYTICAL REPORT SUMMARY

METHOD 8260B TCL

DRY WEIGHT REPORTED UNITS: UG/KG

NES/INTEGRATED ENVIRO SERVICES

LEICA, CHEEKTOWAGA, NY

SUBMISSION #: 9807000454

ORDER NUMBER		228011	228012	228013	228014
SAMPLE ID:		B-23 (0-4')	B-23 (8-12')	B-23 (12-13.5')	B-24 (0-4')
DATE SAMPLED:		07/27/1998	07/27/1998	07/27/1998	07/27/1998
DATE RECEIVED:	PQL	07/30/1998	07/30/1998	07/30/1998	07/30/1998
DATE ANALYZED:		8/ 6/98	8/ 6/98	8/ 6/98	8/ 6/98
DILUTION:		1.0	1.0	1.0	250.0
PERCENT SOLID (%):		79.7	89.1	82.5	74.8
ACETONE	20	150	22 U	24 U	6700 U
BENZENE	5.0	6.3 U	5.6 U	6.1 U	1700 U
BROMODICHLOROMETHANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
BROMOFORM	5.0	6.3 U	5.6 U	6.1 U	1700 U
BROMOMETHANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
2-BUTANONE (MEK)	10	31	11 U	12 U	3300 U
CARBON DISULFIDE	10	16	11 U	12 U	3300 U
CARBON TETRACHLORIDE	5.0	6.3 U	5.6 U	6.1 U	1700 U
CHLOROBENZENE	5.0	6.3 U	5.6 U	6.1 U	1700 U
CHLOROETHANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
CHLOROFORM	5.0	6.3 U	5.6 U	6.1 U	1700 U
CHLOROMETHANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
DIBROMOCHLOROMETHANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
1,1-DICHLOROETHANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
1,2-DICHLOROETHANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
1,1-DICHLOROETHENE	5.0	6.3 U	5.6 U	6.1 U	1700 U
CIS-1,2-DICHLOROETHENE	5.0	6.3 U	20	6.1 U	1700 U
TRANS-1,2-DICHLOROETHENE	5.0	6.3 U	13	6.1 U	1700 U
1,2-DICHLOROPROPANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
CIS-1,3-DICHLOROPROPENE	5.0	6.3 U	5.6 U	6.1 U	1700 U
TRANS-1,3-DICHLOROPROPENE	5.0	6.3 U	5.6 U	6.1 U	1700 U
ETHYLBENZENE	5.0	23	5.6 U	6.1 U	5300
2-HEXANONE	10	13 U	11 U	12 U	3300 U
METHYLENE CHLORIDE	5.0	16	8.0	6.1 U	1700 U
4-METHYL-2-PENTANONE (MIBK)	10	13 U	11 U	12 U	3300 U
STYRENE	5.0	6.3 U	5.6 U	6.1 U	1700 U
1,1,2,2-TETRACHLOROETHANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
TETRACHLOROETHENE	5.0	6.3 U	5.6 U	6.1 U	1700 U
TOLUENE	5.0	6.3 U	5.6 U	6.1 U	1700 U
1,1,1-TRICHLOROETHANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
1,1,2-TRICHLOROETHANE	5.0	6.3 U	5.6 U	6.1 U	1700 U
TRICHLOROETHENE	5.0	6.3 U	190	6.1 U	1700 U
VINYL CHLORIDE	5.0	26	5.6 U	6.1 U	1700 U
M+P-XYLENE	5.0	26	5.6 U	6.1 U	27000
O-XYLENE	5.0	26	5.6 U	6.1 U	4300
SURROGATE RECOVERIES	LIMITS				
4-BROMOFLUOROBENZENE	74 - 121	57 *	85	106	105
TOLUENE-D8	81 - 117	79	96	101	100
DIBROMOFLUOROMETHANE	80 - 120	119	109	103	98

ANALYTICAL REPORT SUMMARY

METHOD 8260B TCL

DRY WEIGHT REPORTED UNITS: UG/KG

NES/INTEGRATED ENVIRO SERVICES

LEICA, CHEEKTOWAGA, NY

SUBMISSION #: 9807000454

ORDER NUMBER		228015	228016	228017	228018
SAMPLE ID:		B-24 (8-12')	B-27 (4-8')	B-27 (12-13.5')	B-28 (0-4')
DATE SAMPLED:		07/27/1998	07/27/1998	07/27/1998	07/27/1998
DATE RECEIVED:	PQL	07/30/1998	07/30/1998	07/30/1998	07/30/1998
DATE ANALYZED:		8/10/98	8/ 6/98	8/ 7/98	8/ 6/98
DILUTION:		5.0	5.0	1.0	1.0
PERCENT SOLID (%):		88.2	85.6	90.4	72.6
ACETONE	20	110 U	120 U	22 U	28 U
BENZENE	5.0	28 U	29 U	5.5 U	6.9 U
BROMODICHLOROMETHANE	5.0	28 U	29 U	5.5 U	6.9 U
BROMOFORM	5.0	28 U	29 U	5.5 U	6.9 U
BROMOMETHANE	5.0	28 U	29 U	5.5 U	6.9 U
2-BUTANONE (MEK)	10	57 U	58 U	11 U	14 U
CARBON DISULFIDE	10	57 U	58 U	11 U	14 U
CARBON TETRACHLORIDE	5.0	28 U	29 U	5.5 U	6.9 U
CHLOROBENZENE	5.0	28 U	29 U	5.5 U	6.9 U
CHLOROETHANE	5.0	28 U	29 U	5.5 U	6.9 U
CHLOROFORM	5.0	28 U	29 U	5.5 U	6.9 U
CHLOROMETHANE	5.0	28 U	29 U	5.5 U	6.9 U
DIBROMOCHLOROMETHANE	5.0	28 U	29 U	5.5 U	6.9 U
1,1-DICHLOROETHANE	5.0	28 U	29 U	5.5 U	6.9 U
1,2-DICHLOROETHANE	5.0	28 U	29 U	5.5 U	6.9 U
1,1-DICHLOROETHENE	5.0	28 U	29 U	5.5 U	6.9 U
CIS-1,2-DICHLOROETHENE	5.0	28 U	770	8.1	7.7
TRANS-1,2-DICHLOROETHENE	5.0	36	51	5.5 U	6.9 U
1,2-DICHLOROPROPANE	5.0	28 U	29 U	5.5 U	6.9 U
CIS-1,3-DICHLOROPROPENE	5.0	28 U	29 U	5.5 U	6.9 U
TRANS-1,3-DICHLOROPROPENE	5.0	28 U	29 U	5.5 U	6.9 U
ETHYLBENZENE	5.0	160	330	6.4	6.9 U
2-HEXANONE	10	57 U	58 U	11 U	14 U
METHYLENE CHLORIDE	5.0	31	29 U	5.5 U	6.9 U
4-METHYL-2-PENTANONE (MIBK)	10	57 U	58 U	11 U	14 U
STYRENE	5.0	28 U	29 U	5.5 U	6.9 U
1,1,2,2-TETRACHLOROETHANE	5.0	28 U	29 U	5.5 U	6.9 U
TETRACHLOROETHENE	5.0	28 U	29 U	5.5 U	6.9 U
TOLUENE	5.0	28 U	69	5.5 U	6.9 U
1,1,1-TRICHLOROETHANE	5.0	28 U	29 U	5.5 U	6.9 U
1,1,2-TRICHLOROETHANE	5.0	28 U	29 U	5.5 U	6.9 U
TRICHLOROETHENE	5.0	28 U	29 U	18	33
VINYL CHLORIDE	5.0	28 U	92	5.5 U	6.9 U
M+P-XYLENE	5.0	110	2200	28	6.9 U
O-XYLENE	5.0	28 U	340	5.8	6.9 U
SURROGATE RECOVERIES	LIMITS				
4-BROMOFLUOROBENZENE	74 - 121	94	98	96	75
TOLUENE-D8	81 - 117	94	98	100	97
DIBROMOFLUOROMETHANE	80 - 120	102	98	104	107

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY

METHOD 8260B TCL

DRY WEIGHT REPORTED UNITS: UG/KG

NES/INTEGRATED ENVIRO SERVICES

LEICA, CHEEKTOWAGA, NY

SUBMISSION #: 9807000454

ORDER NUMBER		228019	228020	228021	228022
SAMPLE ID:		B-28 (4-8')	B-28 (8-12')	B-29 (4-8')	B-29 (8-12')
DATE SAMPLED:		07/27/1998	07/27/1998	07/27/1998	07/27/1998
DATE RECEIVED:	PQL	07/30/1998	07/30/1998	07/30/1998	07/30/1998
DATE ANALYZED:		8/ 6/98	8/ 6/98	8/ 7/98	8/ 6/98
DILUTION:		1.0	1.0	125.0	500.0
PERCENT SOLID (%):		84.0	89.0	82.1	88.4
ACETONE	20	33	22 U	3000 U	11000 U
BENZENE	5.0	6.0 U	5.6 U	760 U	2800 U
BROMODICHLOROMETHANE	5.0	6.0 U	5.6 U	760 U	2800 U
BROMOFORM	5.0	6.0 U	5.6 U	760 U	2800 U
BROMOMETHANE	5.0	6.0 U	5.6 U	760 U	2800 U
2-BUTANONE (MEK)	10	12 U	11 U	1500 U	5700 U
CARBON DISULFIDE	10	12 U	13	1500 U	5700 U
CARBON TETRACHLORIDE	5.0	6.0 U	5.6 U	760 U	2800 U
CHLOROBENZENE	5.0	6.0 U	5.6 U	760 U	2800 U
CHLOROETHANE	5.0	6.0 U	5.6 U	760 U	2800 U
CHLOROFORM	5.0	6.0 U	5.6 U	760 U	2800 U
CHLOROMETHANE	5.0	6.0 U	5.6 U	760 U	2800 U
DIBROMOCHLOROMETHANE	5.0	6.0 U	5.6 U	760 U	2800 U
1,1-DICHLOROETHANE	5.0	6.0 U	5.6 U	760 U	2800 U
1,2-DICHLOROETHANE	5.0	6.0 U	5.6 U	760 U	2800 U
1,1-DICHLOROETHENE	5.0	6.0 U	5.6 U	760 U	2800 U
CIS-1,2-DICHLOROETHENE	5.0	32	11	13000	6300
TRANS-1,2-DICHLOROETHENE	5.0	11	5.6 U	760 U	2800 U
1,2-DICHLOROPROPANE	5.0	6.0 U	5.6 U	760 U	2800 U
CIS-1,3-DICHLOROPROPENE	5.0	6.0 U	5.6 U	760 U	2800 U
TRANS-1,3-DICHLOROPROPENE	5.0	6.0 U	5.6 U	760 U	2800 U
ETHYLBENZENE	5.0	6.0 U	5.6 U	1900	2800 U
2-HEXANONE	10	12 U	11 U	1500 U	5700 U
METHYLENE CHLORIDE	5.0	6.0 U	5.6 U	760 U	2800 U
4-METHYL-2-PENTANONE (MIBK)	10	12 U	11 U	1500 U	5700 U
STYRENE	5.0	6.0 U	5.6 U	760 U	2800 U
1,1,2,2-TETRACHLOROETHANE	5.0	6.0 U	5.6 U	760 U	2800 U
TETRACHLOROETHENE	5.0	6.0 U	5.6 U	760 U	2800 U
TOLUENE	5.0	6.0 U	5.6 U	760 U	2800 U
1,1,1-TRICHLOROETHANE	5.0	6.0 U	5.6 U	760 U	2800 U
1,1,2-TRICHLOROETHANE	5.0	6.0 U	5.6 U	760 U	2800 U
TRICHLOROETHENE	5.0	51	5.6 U	15000	35000
VINYL CHLORIDE	5.0	6.0 U	5.6 U	760 U	2800 U
M+P-XYLENE	5.0	6.0 U	5.6 U	17000	4100
O-XYLENE	5.0	6.0 U	5.6 U	1700	2800 U
SURROGATE RECOVERIES	LIMITS				
4-BROMOFLUOROBENZENE	74 - 121	52 *	86	104	100
TOLUENE-D8	81 - 117	89	99	99	98
DIBROMOFLUOROMETHANE	80 - 120	118	111	98	97

ANALYTICAL REPORT SUMMARY

METHOD 8260B TCL

DRY WEIGHT REPORTED UNITS: UG/KG

NES/INTEGRATED ENVIRO SERVICES

LEICA, CHEEKTOWAGA, NY

SUBMISSION #: 9807000454

ORDER NUMBER		228023	228024	228025	228026
SAMPLE ID:		B-30 (0-4')	B-30 (8-12')	B-30 (12-12.6')	B-31 (0-4')
DATE SAMPLED:		07/27/1998	07/27/1998	07/27/1998	07/27/1998
DATE RECEIVED:	PQL	07/30/1998	07/30/1998	07/30/1998	07/30/1998
DATE ANALYZED:		8/ 6/98	8/ 7/98	8/ 7/98	8/ 7/98
DILUTION:		1.0	1.0	1.0	1.0
PERCENT SOLID (%):		72.8	80.7	88.8	83.6
ACETONE	20	60	25 U	23 U	120
BENZENE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
BROMODICHLOROMETHANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
BROMOFORM	5.0	6.9 U	6.2 U	5.6 U	6.0 U
BROMOMETHANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
2-BUTANONE (MEK)	10	15	12 U	11 U	28
CARBON DISULFIDE	10	14 U	12 U	11 U	12 U
CARBON TETRACHLORIDE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
CHLOROBENZENE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
CHLOROETHANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
CHLOROFORM	5.0	6.9 U	6.2 U	5.6 U	6.0 U
CHLOROMETHANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
DIBROMOCHLOROMETHANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
1,1-DICHLOROETHANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
1,2-DICHLOROETHANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
1,1-DICHLOROETHENE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
CIS-1,2-DICHLOROETHENE	5.0	15	20	120	9.4
TRANS-1,2-DICHLOROETHENE	5.0	10	6.2 U	30	6.0 U
1,2-DICHLOROPROPANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
CIS-1,3-DICHLOROPROPENE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
TRANS-1,3-DICHLOROPROPENE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
ETHYLBENZENE	5.0	230	6.2 U	19	6.0 U
2-HEXANONE	10	14 U	12 U	11 U	12 U
METHYLENE CHLORIDE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
4-METHYL-2-PENTANONE (MIBK)	10	14 U	12 U	11 U	12 U
STYRENE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
1,1,2,2-TETRACHLOROETHANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
TETRACHLOROETHENE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
TOLUENE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
1,1,1-TRICHLOROETHANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
1,1,2-TRICHLOROETHANE	5.0	6.9 U	6.2 U	5.6 U	6.0 U
TRICHLOROETHENE	5.0	8.8	12	5.6 U	6.0 U
VINYL CHLORIDE	5.0	21	6.2 U	5.6 U	6.0 U
M+P-XYLENE	5.0	190	6.2 U	5.6 U	7.2
O-XYLENE	5.0	74	6.2 U	5.6 U	6.0 U

SURROGATE RECOVERIES	LIMITS
4-BROMOFLUOROBENZENE	74 - 121
TOLUENE-D8	81 - 117
DIBROMOFLUOROMETHANE	80 - 120

70 *	80	81	75
93	96	97	97
101	104	107	112

ANALYTICAL REPORT SUMMARY

METHOD 8260B TCL

DRY WEIGHT REPORTED UNITS: UG/KG

NES/INTEGRATED ENVIRO SERVICES

LEICA, CHEEKTOWAGA, NY

SUBMISSION #: 9807000454

ORDER NUMBER		228027	228028	228029
SAMPLE ID:		B-31 (4-8')	B-31 (8-12')	B-31 (12-13')
DATE SAMPLED:		07/27/1998	07/27/1998	07/27/1998
DATE RECEIVED:	PQL	07/30/1998	07/30/1998	07/30/1998
DATE ANALYZED:		8/ 7/98	8/ 7/98	8/ 7/98
DILUTION:		1.0	1.0	125.0
PERCENT SOLID (%):		84.4	84.0	85.2
ACETONE	20	31	24 U	2900 U
BENZENE	5.0	5.9 U	6.0 U	730 U
BROMODICHLOROMETHANE	5.0	5.9 U	6.0 U	730 U
BROMOFORM	5.0	5.9 U	6.0 U	730 U
BROMOMETHANE	5.0	5.9 U	6.0 U	730 U
2-BUTANONE (MEK)	10	12 U	12 U	1500 U
CARBON DISULFIDE	10	12 U	12 U	1500 U
CARBON TETRACHLORIDE	5.0	5.9 U	6.0 U	730 U
CHLOROBENZENE	5.0	5.9 U	6.0 U	730 U
CHLOROETHANE	5.0	5.9 U	6.0 U	730 U
CHLOROFORM	5.0	5.9 U	6.0 U	730 U
CHLOROMETHANE	5.0	5.9 U	6.0 U	730 U
DIBROMOCHLOROMETHANE	5.0	5.9 U	6.0 U	730 U
1,1-DICHLOROETHANE	5.0	5.9 U	6.0 U	730 U
1,2-DICHLOROETHANE	5.0	5.9 U	6.0 U	730 U
1,1-DICHLOROETHENE	5.0	5.9 U	6.0 U	730 U
CIS-1,2-DICHLOROETHENE	5.0	5.9 U	460	8200
TRANS-1,2-DICHLOROETHENE	5.0	5.9 U	26	730 U
1,2-DICHLOROPROPANE	5.0	5.9 U	6.0 U	730 U
CIS-1,3-DICHLOROPROPENE	5.0	5.9 U	6.0 U	730 U
TRANS-1,3-DICHLOROPROPENE	5.0	5.9 U	6.0 U	730 U
ETHYLBENZENE	5.0	5.9 U	6.0 U	1100
2-HEXANONE	10	12 U	12 U	1500 U
METHYLENE CHLORIDE	5.0	5.9 U	6.0 U	730 U
4-METHYL-2-PENTANONE (MIBK)	10	12 U	12 U	1500 U
STYRENE	5.0	5.9 U	6.0 U	730 U
1,1,2,2-TETRACHLOROETHANE	5.0	5.9 U	6.0 U	730 U
TETRACHLOROETHENE	5.0	5.9 U	6.0 U	730 U
TOLUENE	5.0	5.9 U	6.0 U	730 U
1,1,1-TRICHLOROETHANE	5.0	5.9 U	6.0 U	730 U
1,1,2-TRICHLOROETHANE	5.0	5.9 U	6.0 U	730 U
TRICHLOROETHENE	5.0	5.9 U	85	1600
VINYL CHLORIDE	5.0	5.9 U	6.0 U	730 U
M+P-XYLENE	5.0	5.9 U	6.0 U	1400
O-XYLENE	5.0	5.9 U	6.0 U	730 U

SURROGATE RECOVERIES	LIMITS			
4-BROMOFLUOROBENZENE	74 - 121	87	87	102
TOLUENE-D8	81 - 117	98	96	99
DIBROMOFLUOROMETHANE	80 - 120	108	97	97

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**

METHOD 8260B TCL

Reported: 08/14/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 231774	Sample Matrix: SOIL/SEDIMENT
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/05/98			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES**QC LIMITS**

4-BROMOFLUOROBENZENE	(74 - 121 %)	99	%
TOLUENE-D8	(81 - 117 %)	97	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	96	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 08/14/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 231778	Sample Matrix: SOIL/SEDIMENT
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/06/98			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES

QC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	103	%
TOLUENE-D8	(81 - 117 %)	98	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	102	%

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**

METHOD 8260B TCL

Reported: 08/14/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 231780	Sample Matrix: SOIL/SEDIMENT
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/06/98			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES**QC LIMITS**

4-BROMOFLUOROBENZENE	(74 - 121 %)	98	%
TOLUENE-D8	(81 - 117 %)	97	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	98	%

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**

METHOD 8260B TCL

Reported: 08/14/98

Project Reference:**Client Sample ID :** METHOD BLANK

Date Sampled :	Order #: 231998	Sample Matrix: SOIL/SEDIMENT
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
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DATE ANALYZED : 08/06/98
ANALYTICAL DILUTION: 125.00

Dry Weight

ACETONE	20	2500 U	UG/KG
BENZENE	5.0	630 U	UG/KG
BROMODICHLOROMETHANE	5.0	630 U	UG/KG
BROMOFORM	5.0	630 U	UG/KG
BROMOMETHANE	5.0	630 U	UG/KG
2-BUTANONE (MEK)	10	1300 U	UG/KG
CARBON DISULFIDE	10	1300 U	UG/KG
CARBON TETRACHLORIDE	5.0	630 U	UG/KG
CHLOROBENZENE	5.0	630 U	UG/KG
CHLOROETHANE	5.0	630 U	UG/KG
CHLOROFORM	5.0	630 U	UG/KG
CHLOROMETHANE	5.0	630 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHANE	5.0	630 U	UG/KG
1,2-DICHLOROETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHENE	5.0	630 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
1,2-DICHLOROPROPANE	5.0	630 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
ETHYLBENZENE	5.0	630 U	UG/KG
2-HEXANONE	10	1300 U	UG/KG
METHYLENE CHLORIDE	5.0	630 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1300 U	UG/KG
STYRENE	5.0	630 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	630 U	UG/KG
TETRACHLOROETHENE	5.0	630 U	UG/KG
TOLUENE	5.0	630 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	630 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	630 U	UG/KG
TRICHLOROETHENE	5.0	630 U	UG/KG
VINYL CHLORIDE	5.0	630 U	UG/KG
O-XYLENE	5.0	630 U	UG/KG
M+P-XYLENE	5.0	630 U	UG/KG

SURROGATE RECOVERIESQC LIMITS

4-BROMOFLUOROBENZENE	(74 - 121 %)	103	%
TOLUENE-D8	(81 - 117 %)	104	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	105	%

COLUMBIA ANALYTICAL SERVICES**VOLATILE ORGANICS**

METHOD 8260B TCL

Reported: 08/14/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 231785	Sample Matrix: SOIL/SEDIMENT
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/07/98			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	99	%
TOLUENE-D8	(81 - 117 %)	98	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	97	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 08/14/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 231999	Sample Matrix: SOIL/SEDIMENT
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/07/98			
ANALYTICAL DILUTION: 125.00			Dry Weight
ACETONE	20	2500 U	UG/KG
BENZENE	5.0	630 U	UG/KG
BROMODICHLOROMETHANE	5.0	630 U	UG/KG
BROMOFORM	5.0	630 U	UG/KG
BROMOMETHANE	5.0	630 U	UG/KG
2-BUTANONE (MEK)	10	1300 U	UG/KG
CARBON DISULFIDE	10	1300 U	UG/KG
CARBON TETRACHLORIDE	5.0	630 U	UG/KG
CHLOROBENZENE	5.0	630 U	UG/KG
CHLOROETHANE	5.0	630 U	UG/KG
CHLOROFORM	5.0	630 U	UG/KG
CHLOROMETHANE	5.0	630 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHANE	5.0	630 U	UG/KG
1,2-DICHLOROETHANE	5.0	630 U	UG/KG
1,1-DICHLOROETHENE	5.0	630 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	630 U	UG/KG
1,2-DICHLOROPROPANE	5.0	630 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	630 U	UG/KG
ETHYLBENZENE	5.0	630 U	UG/KG
2-HEXANONE	10	1300 U	UG/KG
METHYLENE CHLORIDE	5.0	630 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	1300 U	UG/KG
STYRENE	5.0	630 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	630 U	UG/KG
TETRACHLOROETHENE	5.0	630 U	UG/KG
TOLUENE	5.0	630 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	630 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	630 U	UG/KG
TRICHLOROETHENE	5.0	630 U	UG/KG
VINYL CHLORIDE	5.0	630 U	UG/KG
O-XYLENE	5.0	630 U	UG/KG
M+P-XYLENE	5.0	630 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	101	%
TOLUENE-D8	(81 - 117 %)	104	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	98	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS

METHOD 8260B TCL

Reported: 08/14/98

Project Reference:

Client Sample ID : METHOD BLANK

Date Sampled :	Order #: 231786	Sample Matrix: SOIL/SEDIMENT
Date Received:	Submission #:	Percent Solid: 100

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 08/10/98			
ANALYTICAL DILUTION: 1.00			Dry Weight
ACETONE	20	20 U	UG/KG
BENZENE	5.0	5.0 U	UG/KG
BROMODICHLOROMETHANE	5.0	5.0 U	UG/KG
BROMOFORM	5.0	5.0 U	UG/KG
BROMOMETHANE	5.0	5.0 U	UG/KG
2-BUTANONE (MEK)	10	10 U	UG/KG
CARBON DISULFIDE	10	10 U	UG/KG
CARBON TETRACHLORIDE	5.0	5.0 U	UG/KG
CHLOROBENZENE	5.0	5.0 U	UG/KG
CHLOROETHANE	5.0	5.0 U	UG/KG
CHLOROFORM	5.0	5.0 U	UG/KG
CHLOROMETHANE	5.0	5.0 U	UG/KG
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,2-DICHLOROETHANE	5.0	5.0 U	UG/KG
1,1-DICHLOROETHENE	5.0	5.0 U	UG/KG
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/KG
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/KG
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/KG
ETHYLBENZENE	5.0	5.0 U	UG/KG
2-HEXANONE	10	10 U	UG/KG
METHYLENE CHLORIDE	5.0	5.0 U	UG/KG
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/KG
STYRENE	5.0	5.0 U	UG/KG
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/KG
TETRACHLOROETHENE	5.0	5.0 U	UG/KG
TOLUENE	5.0	5.0 U	UG/KG
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/KG
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/KG
TRICHLOROETHENE	5.0	5.0 U	UG/KG
VINYL CHLORIDE	5.0	5.0 U	UG/KG
O-XYLENE	5.0	5.0 U	UG/KG
M+P-XYLENE	5.0	5.0 U	UG/KG

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(74 - 121 %)	102	%
TOLUENE-D8	(81 - 117 %)	96	%
DIBROMOFLUOROMETHANE	(80 - 120 %)	99	%

COLUMBIA ANALYTICAL SERVICESQUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
SOIL/SEDIMENT

Spiked Order No. : 228003 NES/INTEGRATED ENVIRO SERVICES

Client ID: B-25 (12-15')

Test: 8260B TCL

Analytical Units: UG/KG

Run Number : 29170

Percent Solid : 82.2

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	MATRIX SPIKE		MATRIX SPIKE DUP.				QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.	
BENZENE	60.8	0	64.5	106	62.0	102	4	21	66 - 142	
CHLOROBENZENE	60.8	0	64.5	106	60.8	100	6	21	60 - 133	
1,1-DICHLOROETHENE	60.8	0	69.3	114	62.0	102	11	22	59 - 172	
TOLUENE	60.8	0	58.4	96	56.0	92	4	21	59 - 139	
TRICHLOROETHENE	60.8	0	57.2	94	51.1	84	11	24	62 - 137	

COLUMBIA ANALYTICAL SERVICESQUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
SOIL/SEDIMENT

Spiked Order No. : 228013 NES/INTEGRATED ENVIRO SERVICES

Client ID: B-23 (12-13.5')

Test: 8260B TCL

Analytical Units: UG/KG

Run Number : 29171

Percent Solid : 82.5

ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	MATRIX SPIKE		MATRIX SPIKE DUP.				QC LIMITS	
			FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.	
BENZENE	60.6	0	57.0	94	54.5	90	4	21	66 - 142	
CHLOROBENZENE	60.6	0	59.4	98	54.5	90	9	21	60 - 133	
1,1-DICHLOROETHENE	60.6	0	53.3	88	53.3	88	0	22	59 - 172	
TOLUENE	60.6	0	58.2	96	54.5	90	7	21	59 - 139	
TRICHLOROETHENE	60.6	0	52.1	86	49.7	82	5	24	62 - 137	

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD: 8260B TCLLABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 231775 ANALYTICAL RUN #: 29170

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED :	8/ 6/98		
ANALYTICAL DILUTION:	1.0		
ACETONE	20	92	21 - 165
BENZENE	20	101	37 - 151
BROMODICHLOROMETHANE	20	104	35 - 155
BROMOFORM	20	106	45 - 169
BROMOMETHANE	20	102	10 - 242
2-BUTANONE (MEK)	20	99	25 - 162
CARBON DISULFIDE	20	93	45 - 148
CARBON TETRACHLORIDE	20	105	70 - 140
CHLOROBENZENE	20	103	37 - 160
CHLOROETHANE	20	101	53 - 149
CHLOROFORM	20	102	51 - 138
CHLOROMETHANE	20	60	10 - 273
DIBROMOCHLOROMETHANE	20	105	53 - 149
1,1-DICHLOROETHANE	20	97	59 - 155
1,2-DICHLOROETHANE	20	96	49 - 155
1,1-DICHLOROETHENE	20	100	10 - 234
CIS-1,2-DICHLOROETHENE	20	99	54 - 156
TRANS-1,2-DICHLOROETHENE	20	109	54 - 156
1,2-DICHLOROPROPANE	20	96	10 - 210
CIS-1,3-DICHLOROPROPENE	20	97	10 - 227
TRANS-1,3-DICHLOROPROPENE	20	98	17 - 183
ETHYLBENZENE	20	101	37 - 162
2-HEXANONE	20	98	22 - 155
METHYLENE CHLORIDE	20	95	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20	112	46 - 157
STYRENE	20	99	66 - 144
1,1,2,2-TETRACHLOROETHANE	20	106	46 - 157
TETRACHLOROETHENE	20	105	64 - 148
TOLUENE	20	100	47 - 150
1,1,1-TRICHLOROETHANE	20	101	52 - 162
1,1,2-TRICHLOROETHANE	20	97	52 - 150
TRICHLOROETHENE	20	95	71 - 157
VINYL CHLORIDE	20	85	10 - 251
O-XYLENE	20	96	71 - 135
M+P-XYLENE	40	101	71 - 135

COLUMBIA ANALYTICAL SERVICESVOLATILE ORGANICS
METHOD: 8260B TCLLABORATORY REFERENCE SPIKE SUMMARY

REFERENCE ORDER #: 231781 ANALYTICAL RUN #: 29171

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED :	8/10/98		
ANALYTICAL DILUTION:	1.0		
ACETONE	20	109	21 - 165
BENZENE	20	108	37 - 151
BROMODICHLOROMETHANE	20	116	35 - 155
BROMOFORM	20	123	45 - 169
BROMOMETHANE	20	104	10 - 242
2-BUTANONE (MEK)	20	103	25 - 162
CARBON DISULFIDE	20	89	45 - 148
CARBON TETRACHLORIDE	20	119	70 - 140
CHLOROBENZENE	20	111	37 - 160
CHLOROETHANE	20	18	53 - 149
CHLOROFORM	20	109	51 - 138
CHLOROMETHANE	20	71	10 - 273
DIBROMOCHLOROMETHANE	20	117	53 - 149
1,1-DICHLOROETHANE	20	100	59 - 155
1,2-DICHLOROETHANE	20	114	49 - 155
1,1-DICHLOROETHENE	20	103	10 - 234
CIS-1,2-DICHLOROETHENE	20	103	54 - 156
TRANS-1,2-DICHLOROETHENE	20	114	54 - 156
1,2-DICHLOROPROPANE	20	97	10 - 210
CIS-1,3-DICHLOROPROPENE	20	103	10 - 227
TRANS-1,3-DICHLOROPROPENE	20	111	17 - 183
ETHYLBENZENE	20	111	37 - 162
2-HEXANONE	20	112	22 - 155
METHYLENE CHLORIDE	20	100	10 - 221
4-METHYL-2-PENTANONE (MIBK)	20	112	46 - 157
STYRENE	20	108	66 - 144
1,1,2,2-TETRACHLOROETHANE	20	109	46 - 157
TETRACHLOROETHENE	20	120	64 - 148
TOLUENE	20	109	47 - 150
1,1,1-TRICHLOROETHANE	20	111	52 - 162
1,1,2-TRICHLOROETHANE	20	105	52 - 150
TRICHLOROETHENE	20	110	71 - 157
VINYL CHLORIDE	20	82	10 - 251
O-XYLENE	20	110	71 - 135
M+P-XYLENE	40	113	71 - 135

PROJECT NAME <u>LEICA, CHEEKTOWAGO, NY</u> PROJECT MANAGER/CONTACT <u>MARK CAMPBELL</u> COMPANY/ADDRESS <u>NBS INC.</u> <u>44 Shaffer Rock Rd. Danbury CT. 06810</u> TEL (203) <u>796-5305</u> FAX (203) <u>792-3168</u> SAMPLER'S SIGNATURE <u>[Signature]</u>				ANALYSIS REQUESTED # OF CONTAINERS <u>1</u> GC/MS VOAS <u>88260</u> ☐ 624 GC/MS SVOAS <u>8270A</u> ☐ 625 GC VOAS <u>8010/8020</u> ☐ 601/602 PESTICIDES/PCBs ☐ 8080 ☐ 608 STAR'S LIST 8021 VOAS ☐ TOTAL ☐ TCLP STAR'S LIST 8270 SVOAS ☐ TOTAL ☐ TCLP TCLP ☐ METALS ☐ SVOAS ☐ H/P WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit. METALS, TOTAL (LIST BELOW) METALS, DISSOLVED (LIST BELOW) PRESERVATION PH < 2.0 ☐ PH > 12 ☐ Other ☐																													
SAMPLE I.D. DATE TIME LAB I.D. SAMPLE MATRIX B-25 <u>12'-15'</u> <u>7/27/98</u> <u>0915</u> <u>22P003</u> <u>SOIL</u> B-26 <u>12'-14.5'</u> <u>7/27/98</u> <u>10:35</u> <u>005</u> B-21 <u>4'-8'</u> <u>7/27/98</u> <u>13:00</u> <u>006</u> B-22 <u>0'-4'</u> <u>7/27/98</u> <u>13:20</u> <u>007</u> B-22 <u>4'-8'</u> <u>7/27/98</u> <u>13:40</u> <u>008</u> B-22 <u>11'-15'</u> <u>7/27/98</u> <u>14:00</u> <u>010</u> B-23 <u>8'-12'</u> <u>7/27/98</u> <u>14:15</u> <u>011</u> B-23 <u>12'-13.5'</u> <u>7/27/98</u> <u>14:30</u> <u>012</u> B-24 <u>0'-4'</u> <u>7/27/98</u> <u>14:40</u> <u>013</u> B-27 <u>4'-8'</u> <u>7/27/98</u> <u>15:10</u> <u>014</u> B-27 <u>12'-13.5'</u> <u>7/27/98</u> <u>15:15</u> <u>015</u> B-28 <u>0'-4'</u> <u>7/27/98</u> <u>16:15</u> <u>016</u> B-28 <u>0'-4'</u> <u>7/27/98</u> <u>16:35</u> <u>017</u>				TURNAROUND REQUIREMENTS 24 hr. ☐ 48 hr. ☐ 5 day ☒ Standard (10-15 working days) Provide Verbal Preliminary Results Provide FAX Preliminary Results Requested Report Date _____										REPORT REQUIREMENTS 1. Routine Report 2. Routine Rep. w/CASE Narrative 3. EPA Level III Validatable Package 4. N.J. Reduced Deliverables Level IV 5. NY ASP/CLP Deliverables 6. Site specific QC.										INVOICE INFORMATION: P.O. #: Bill To: Shipping Via: <u>Client</u> Shipping #: <u>4.00C</u> Temperature: <u>98-7-414</u> Submission No:									
RECEIVED BY: <u>[Signature]</u> Printed Name <u>MARK CAMPBELL</u> Firm <u>NBS INC.</u> Date/Time <u>7/30/98 0900</u>				RECEIVED BY: <u>[Signature]</u> Printed Name <u>Tom Hastings</u> Firm <u>NBS INC.</u> Date/Time <u>7/30/98 0900</u>										SPECIAL INSTRUCTIONS/COMMENTS: METALS ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List																			
RELINQUISHED BY: <u>[Signature]</u> Printed Name <u>MARK CAMPBELL</u> Firm <u>NBS INC.</u> Date/Time <u>7/30 9:00</u>				RELINQUISHED BY: <u>[Signature]</u> Printed Name <u>Tom Hastings</u> Firm <u>NBS INC.</u> Date/Time <u>7/30 9:00</u>										RECEIVED BY: Signature _____ Printed Name _____ Firm _____ Date/Time _____																			
RELINQUISHED BY: <u>[Signature]</u> Printed Name <u>MARK CAMPBELL</u> Firm <u>NBS INC.</u> Date/Time <u>7/30 9:00</u>				RELINQUISHED BY: <u>[Signature]</u> Printed Name <u>Tom Hastings</u> Firm <u>NBS INC.</u> Date/Time <u>7/30 9:00</u>										RECEIVED BY: Signature _____ Printed Name _____ Firm _____ Date/Time _____																			

PROJECT NAME <u>LEICA, CHESTER, N.Y.</u>					ANALYSIS REQUESTED											
PROJECT MANAGER/CONTACT <u>MARK CAMPBELL</u>																
COMPANY/ADDRESS <u>NES INC.</u>																
<u>44 Shelter Rock Rd. Danbury, CT 06810</u>																
TEL (203) <u>796-5305</u> FAX (203) <u>792-3168</u>																
SAMPLER'S SIGNATURE <u>Julius J. Donkley</u>																
SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS VOAs	GC/MS SVOAs	GC VOAs	PESTICIDES/PCBs	STAR'S LIST 8021 VOAs	STAR'S LIST 8270 SVOAs	TCLP	WASTE CHARACTERIZATION	METALS, TOTAL	METALS, DISSOLVED	PRESERVATION
B-28	7-29-98	16:45	019	SOIL	0	8260	8270A	8010/8020	8080	8080	8080	8080	React	Metals, Dissolved	Metals, Dissolved	PH > 12
B-29	7-29-98	17:10	021													
B-29	7-29-98	17:20	022													
B-30	7-29-98	17:45	023													
B-30	7-29-98	18:00	024													
B-30	7-29-98	18:10	025													
B-31	7-29-98	18:25	026													
B-31	7-29-98	18:35	027													
B-31	7-29-98	18:40	028													
B-31	7-29-98	18:50	029													

RELINQUISHED BY:	RECEIVED BY:
Signature <u>Mark Campbell</u>	Signature <u>Julius J. Donkley</u>
Printed Name <u>MARK CAMPBELL</u>	Printed Name <u>Julius J. Donkley</u>
Firm <u>NES INC.</u>	Firm <u>NES INC.</u>
Date/Time <u>7/30/98 09:00</u>	Date/Time <u>7/30/98 09:00</u>

RELINQUISHED BY:	RECEIVED BY:
Signature	Signature
Printed Name	Printed Name
Firm	Firm
Date/Time	Date/Time

REPORT REQUIREMENTS	TURNAROUND REQUIREMENTS	INVOICE INFORMATION	SAMPLE RECEIPT
1. Routine Report 2. Routine Rep. w/CASE Narrative 3. EPA Level III 4. N.J. Reduced Deliverables Level IV 5. NY ASP/CLP Deliverables 6. Site specific QC.	24 hr. — 48 hr. — 5 day Standard (10-15 working days) Provide Verbal Preliminary Results Provide FAX Preliminary Results Requested Report Date	P.O. #: Bill To: Shipping Via: <u>Client</u> Shipping #: <u>4.0°C</u> Temperature: <u>4.0°C</u> Submission No: <u>98-7-454</u>	

SPECIAL INSTRUCTIONS/COMMENTS:

METALS

ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List

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MAHWAH, NJ 07430

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