



IMPACT ENVIRONMENTAL

❖ a division of impact environmental consulting, inc.

1 VILLAGE PLAZA
KINGS PARK, NEW YORK 11754
631.269.8800 TELEPHONE
631.269.1599 FACSIMILE
IMPACTENVIRONMENTAL.COM

October 26, 2001

Mr. Joseph G. Jones, Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Eastern Remedial Action
625 Broadway
Albany, New York 12233-7014

Re: *FRI 299 Main Street Site-1-30-043S*
Supplemental Investigation Report for Pollution Source PS-10

Dear Mr. Jones:

This letter serves as a supplemental investigation report with regards to the Focussed Remedial Investigation (FRI) of the above referenced site. Specifically, this report presents the methodologies and conclusions to the investigation of pollution source PS-10 as identified in the Final FRI Report, dated September 2000, prepared by Impact Environmental Consulting, Inc (IEC). The investigative activities were performed in accordance with the approved supplemental work plan, dated January 11, 2001 and under the oversight of the NYSDEC.

Background

The Final FRI Report identified that an above ground TCE storage/holding tank was formerly maintained within the eastern portion of the building. Consequently, this location was identified as a non-point pollution source (PS-10). The data obtained from the FRI failed to confirm that PS-10 had impacted Site groundwater quality. Accordingly, it was recommended that additional investigative activities be performed to confirm or refute if pollution source PS-10 had impacted Site groundwater quality. These activities were to include the acquisition of subsurface soil samples beneath the slab of the building with the area formerly used to house the above ground TCE storage/holding tank.

Investigative Activities

Field activities were conducted on March 22, 2001 and May 3, 2001 to evaluate the potential impact of PS-10 on Site soil quality. Three (3) soil-sampling locations were selected to obtain representative soil samples pertaining



to PS-10. One location, identified as GP-21, was sited within the center of the room that formerly housed the above ground TCE storage/holding tank. At the request of the NYSDEC, two additional soil-sampling locations were sited on the eastern side of the former tank room. These soil-sampling locations were identified as GP-22 and GP-23. These sampling locations can be referenced with Plate 1.

With regards to the soil sampling location GP-21, the concrete slab was cored within the former tank room and subsurface soil samples were acquired beneath the slab utilizing a hand auger. Subsurface soil samples were secured from grade to approximately six (6) feet below existing grade (BEG). This was the maximum depth attainable with the hand auger. Two (2) subsurface soil samples were selected from GP-21 for subsequent laboratory analysis. Said samples were secured from depth intervals of zero (0) to two (2) and four and one half (4.5) to six (6) feet BEG. These samples were labeled for identification purposes as 335-GP-021-SS2 and 335-GP-021-SS5, respectively.

With regards to the soil sampling locations GP-22 and GP-23, subsurface soil samples were acquired utilizing a Geoprobe Operating System. Subsurface soil samples were secured from said sampling locations at depth intervals of five (5) to seven (7), ten (10) to twelve (12) and fifteen (15) to seventeen (17) feet BEG. Each subsurface soil sample secured from sampling locations GP-22 and GP-23 was selected for subsequent laboratory analysis. These samples were labeled for identification purposes as 335-GP-022-SS7, 335-GP-022-SS12, 335-GP-022-SS17, 335-GP-023-SS7, 335-GP-023-SS12 and 335-GP-023-SS17, respectively.

Laboratory Analysis Results

The selected soil samples were subjected to laboratory analysis utilizing USEPA Test Method 8260 for target volatile organic analytes. The laboratory analytical quality assurance procedures (ASP B) conformed to the requirements established in the FRI Final Work Plan. The results of the laboratory analysis are presented on Table 1.

Evaluation of Results

The detected concentrations of target volatile organic analytes from soil samples secured from GP-21, GP-22 and GP-23 were below the applicable standards, criteria and guidances (SCGs). Table 2 provides a comparison of the detected concentrations versus the applicable SCGs.¹ Concentrations of chlorinated organic solvent related analytes were detected from soil samples secured from GP-21, GP-22 at depth intervals ranging from grade to seven (7) feet BEG below the applicable SCGs. None of the soil samples secured from GP-22 and GP-23 from a depth greater than seven (7) feet BEG detected any concentrations of chlorinated organic solvent related analytes

¹ NYSDEC TAGM # 4046, Recommended Soil Cleanup Objectives.

above minimum detection limits. These results confirm that former operations associated with PS-10 has not significantly impacted Site soil quality. Further, this data evidences that PS-10 is not a source of groundwater contamination. Accordingly, the pollution source PS-10 will not be addressed in the Site interim remedial measures.

Please feel free to call with any questions or comments.

Sincerely,
**Impact Environmental
Consulting, Inc.**



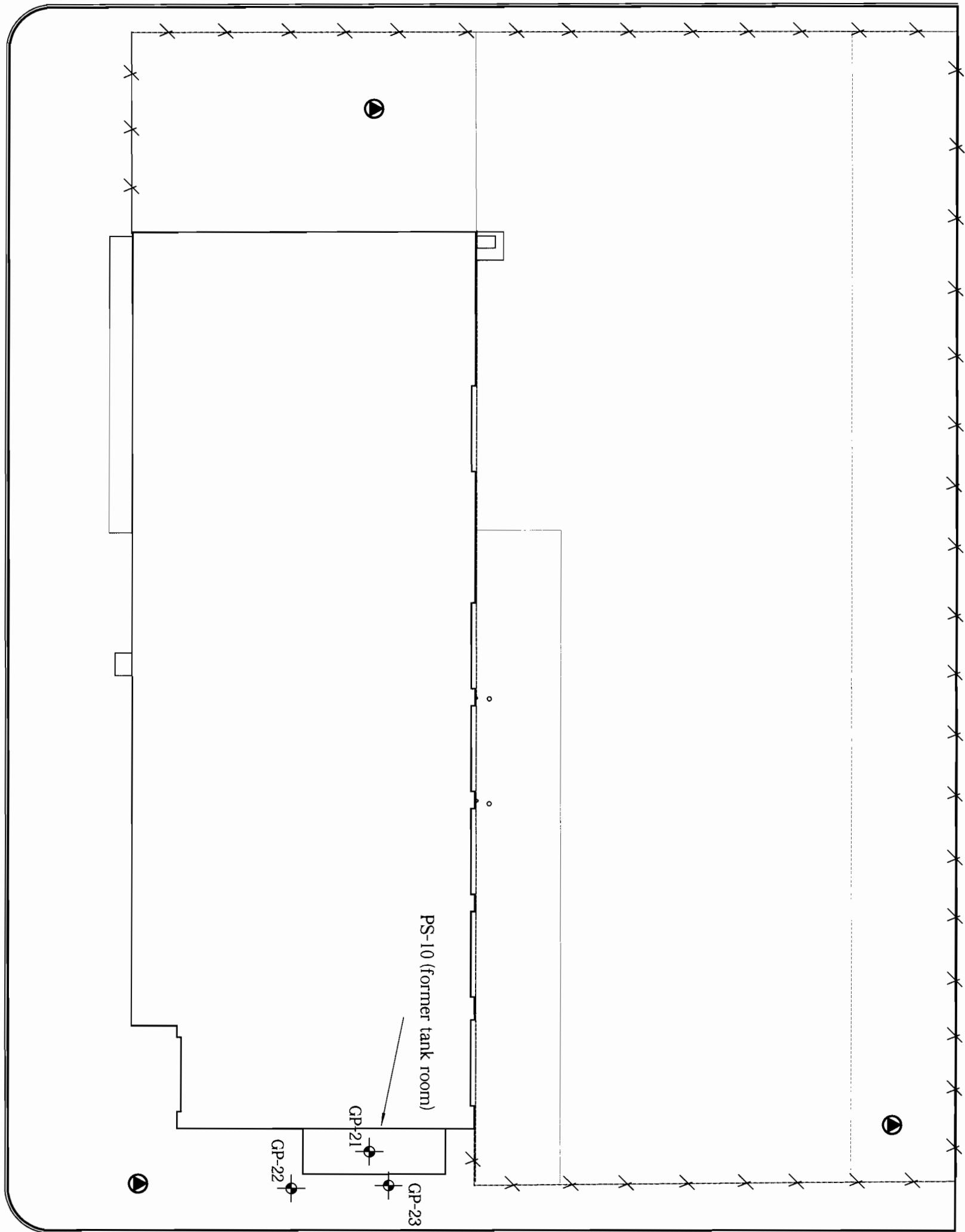
Kevin Kleaka
Quality Assurance Officer

Attachment

*c: Richard Parrish, PM
Charlotte Biblow, Esq.
Paula Scappaturra
Chittibabu Vasudevan, P.E., Ph.D.
G. Anders Carlson, Ph.D.
Ray Cowen, Director Region 1, NYSDEC
Jeanna E. Hussey, Esq.*

Garden Street

Main Street



Hopper Street



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a division of Impact Environmental Consulting Inc.

1 VILLAGE PLAZA
KINGS PARK, NEW YORK 11754
631.269.8800 TELEPHONE
631.269.1599 FACSIMILE

98-335
Plate 1: PS-10 Sample Acquisition Plan
Westbury, New York

Legend

- monitoring well
- ▲ groundwater probe node
- ⊕ soil probe node

scale: 1" = 20'

Table 1: Point Data Summary

Volatile Organic Soil Analysis
299 Main Street Site 01-30-0435
Westbury, New York

Sample ID	335-GP-021-SS2	335-GP-021-SS5	335-GP-022-SS7	335-GP-022-SS12	335-GP-022-SS17	335-GP-023-SS7	335-GP-023-SS12	335-GP-023-SS17
Unit	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
Volatile Organic Analytes:								
Dichlorodifluoromethane	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U
1,1-Dichloroethane	U	U	U	U	U	U	U	U
1,1-Dichloroethene	U	U	U	U	U	U	U	U
1,1-Dichloropropene	U	U	U	U	U	U	U	U
1,2-Dichloroethane	U	U	U	U	U	U	U	U
1,2-Dichloropropane	U	U	U	U	U	U	U	U
2,2-Dichloropropane	U	U	U	U	U	U	U	U
2-Butanone	U	U	U	U	U	U	U	U
2-Chloroethyl Vinyl Ether	U	U	U	U	U	U	U	U
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U
Acetone	U	U	U	26	U	8	U	U
Benzene	30	U	U	U	U	U	U	U
Bromochloromethane	U	U	U	U	U	U	U	U
Bromodichloromethane	U	U	U	U	U	U	U	U
Bromomethane	U	U	U	U	U	U	U	U
Carbon Disulfide	U	U	U	U	U	U	U	U
Carbon Tetrachloride	U	U	U	U	U	U	U	U
Chloroethane	U	U	U	U	U	U	U	U
Chloroform	3.4J	U	U	U	U	U	U	U
Chloromethane	U	U	U	U	U	U	U	U
cis-1,2-Dichloroethene	450	66	U	U	U	U	U	U
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U
Dibromoethane	U	U	U	U	U	U	U	U
Methylene Chloride	U	10	U	2.4J	U	2	2.2J	U
Toluene	41	U	U	U	U	U	U	U
Trans-1,2-Dichloroethene	U	U	U	U	U	U	U	U
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U
Trichloroethene	7.5	380	50	U	U	U	U	U
Trichlorofluoromethane	U	U	U	U	U	U	U	U
Vinyl Acetate	U	U	U	U	U	U	U	U
Vinyl Chloride	110	U	U	U	U	U	U	U

U: Indicates the compound was analyzed for, but was not detected.

J: Indicates an estimated value detected below the MDL.

E: Indicates the analyte concentration exceeds the instrument calibration limits.

B: Indicates the analyte was identified in the sample blank and the actual sample.

Table 1: Point Data Summary

Volatile Organic Soil Analysis
299 Main Street Site 01-30-0435
Westbury, New York

Sample ID	335-GP-021-SS2	335-GP-021-SS5	335-GP-022-SS7	335-GP-022-SS12	335-GP-022-SS17	335-GP-023-SS12	335-GP-023-SS17
<i>Unit</i>	<i>µg/Kg</i>	<i>µg/Kg</i>	<i>µg/Kg</i>	<i>µg/Kg</i>	<i>µg/Kg</i>	<i>µg/Kg</i>	<i>µg/Kg</i>
Volatile Organic Analytes:							
1,1,1,2-Tetrachloroethane	U	U	U	U	U	U	U
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U
1,2,3-Trichloropropane	U	U	U	U	U	U	U
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U
1,2,4-Trimethylbenzene	85	U	U	U	U	U	U
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U
1,2-Dibromoethane	U	U	U	U	U	U	U
1,2-Dichlorobenzene	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	59	U	U	U	U	U	U
1,3-Dichlorobenzene	U	U	U	U	U	U	U
1,3-Dichloropropane	U	U	U	U	U	U	U
1,4-Dichlorobenzene	U	U	U	U	U	U	U
2-Chlorotoluene	U	U	U	U	U	U	U
2-Hexanone	U	U	U	U	U	U	U
4-Chlorotoluene	U	U	U	U	U	U	U
p-Isopropyltoluene	U	U	U	U	U	U	U
Bromobenzene	U	U	U	U	U	U	U
Bromoform	U	U	U	U	U	U	U
Chlorobenzene	U	U	U	U	U	U	U
Dibromochloromethane	U	U	U	U	U	U	U
Ethylbenzene	10	U	U	U	U	U	U
Hexachlorobutadiene	U	U	U	U	U	U	U
Isopropylbenzene	8.4	U	U	U	U	U	U
m+p-Xylenes	35	U	U	U	U	U	U
Methyl-tert-butyl Ether	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U
n-Butylbenzene	U	U	U	U	U	U	U
n-Propylbenzene	9.1	U	U	U	U	U	U
o-Xylene	57	U	U	U	U	U	U
sec-Butylbenzene	4.3J	U	U	U	U	U	U
Styrene	U	U	U	U	U	U	U
tert-Butylbenzene	U	U	U	U	U	U	U
Tetrachloroethene	U	90	7.7J	U	1.9J	U	U

U: Indicates the compound was analyzed for, but was not detected.

J: Indicates an estimated value detected below the MDL.

E: Indicates the analyte concentration exceeds the instrument calibration limits.

B: Indicates the analyte was identified in the sample blank and the actual sample.

Table 2: Contaminant Concentrations and Applicable SCGs

Volatile Organic Soil Analysis
299 Main Street Site 01-30-043S
Westbury, New York

Sample ID	335-GP-021-SS2	335-GP-021-SS5	335-GP-022-SS7	335-GP-022-SS12	335-GP-023-SS7	335-GP-023-SS12	Applicable SCG
Unit	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
Volatile Organic Analytes:							
Acetone	U	U	U	26	8	U	200
Benzene	30	U	U	U	U	U	60
Chloroform	3.4J	U	U	U	U	U	300
cis-1,2-Dichloroethene	450	66	U	U	U	U	NA
Methylene Chloride	U	10	U	2.4J	2	2.2J	100
Toluene	41	U	U	U	U	U	1,500
Trichloroethene	7.5	380	50	U	U	U	700
Vinyl Chloride	110	U	U	U	U	U	200

Sample ID	335-GP-021-SS2	335-GP-021-SS5	335-GP-022-SS7	335-GP-022-SS17	Applicable SCG
Unit	µg/Kg	µg/Kg	µg/Kg	µg/Kg	µg/Kg
Volatile Organic Analytes:					
1,2,4-Trimethylbenzene	85	U	U	U	13,000
1,3,5-Trimethylbenzene	59	U	U	U	3,300
Ethylbenzene	10	U	U	U	5,500
Isopropylbenzene	8.4	U	U	U	5,000
m+p-Xylenes	92	U	U	U	1,200
Naphthalene	10	U	U	U	NA
n-Propylbenzene	9.1	U	U	U	14,000
sec-Butylbenzene	4.3J	U	U	U	25,000
Tetrachloroethene	U	90	7.7J	1.9J	1,400

U: Indicates the compound was analyzed for, but was not detected.

J: Indicates an estimated value detected below the MDL.

E: Indicates the analyte concentration exceeds the instrument calibration limits.

B: Indicates the analyte was identified in the sample blank and the actual sample.

Shaded box represents an SCG exceedence.

Applicable SCGs derived from NYSDEC TAGM #4046. Recommended Soil Cleanup Objectives



205 Campus Plaza 1 • Edison, NJ 08837 Phone: 732.225.4111 Fax: 732.225.4110

DATA PACKAGE FOR RESULTS SUMMARY

**PROJECT NAME: 299 MAIN ST.SITE
PROJECT # 98-335**

**IMPACT ENVIRONMENTAL
1 VILLAGE PLAZA
KINGS PARK, NY 11754
631-269-8800**

**CHEMTECH PROJECT
ATTENTION**

**L3679ASP
KEVIN KLEAKA**

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-021-SS2

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL

Project No.: L3679 Site: 299 MAIN Location: LB12753 Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: E3539.D

Level: (low/med) LOW Date Received: 3/26/01

% Moisture: not dec. 9 Date Analyzed: 3/28/01

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane	5.5		U
74-87-3	Chloromethane	5.5		U
75-01-4	Vinyl Chloride	110		
74-83-9	Bromomethane	5.5		U
75-00-3	Chloroethane	5.5		U
75-69-4	Trichlorofluoromethane	5.5		U
75-35-4	1,1-Dichloroethene	5.5		U
67-64-1	Acetone	5.5		U
75-15-0	Carbon Disulfide	5.5		U
75-09-2	Methylene Chloride	5.5		U
156-60-5	trans-1,2-Dichloroethene	5.5		U
108-05-4	Vinyl Acetate	28		U
75-34-3	1,1-Dichloroethane	5.5		U
78-93-3	2-Butanone	5.5		U
594-20-7	2,2-Dichloropropane	5.5		U
156-59-2	cis-1,2-Dichloroethene	450		
74-97-5	Bromochloromethane	5.5		U
67-66-3	Chloroform	3.4		J
71-55-6	1,1,1-Trichloroethane	5.5		U
563-58-6	1,1-Dichloropropene	5.5		U
56-23-5	Carbon Tetrachloride	5.5		U
71-43-2	Benzene	30		
107-06-2	1,2-Dichloroethane	5.5		U
79-01-6	Trichloroethene	7.5		
78-87-5	1,2-Dichloropropane	5.5		U
74-95-3	Dibromomethane	5.5		U
75-27-4	Bromodichloromethane	5.5		U
108-10-1	4-Methyl-2-Pentanone	5.5		U
108-88-3	Toluene	41		
10061-02-6	t-1,3-Dichloropropene	5.5		U
10061-01-5	cis-1,3-Dichloropropene	5.5		U
79-00-5	1,1,2-Trichloroethane	5.5		U
142-28-9	1,3-Dichloropropane	5.5		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-021-SS2

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L3679

Site: 299 MAIN

Location: LB12753

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: 001

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E3539.D

Level: (low/med) LOW

Date Received: 3/26/01

% Moisture: not dec. 9

Date Analyzed: 3/28/01

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
110-75-8	2-Chloroethyl vinyl ether	5.5		U
591-78-6	2-Hexanone	5.5		U
124-48-1	Dibromochloromethane	5.5		U
106-93-4	1,2-Dibromoethane	5.5		U
127-18-4	Tetrachloroethene	5.5		U
108-90-7	Chlorobenzene	5.5		U
630-20-6	1,1,1,2-Tetrachloroethane	5.5		U
100-41-4	Ethyl Benzene	10		
136777-61-2	m/p-Xylenes	35		
95-47-6	o-Xylene	57		
100-42-5	Styrene	5.5		U
75-25-2	Bromoform	5.5		U
98-82-8	Isopropylbenzene	8.4		
79-34-5	1,1,2,2-Tetrachloroethane	5.5		U
96-18-4	1,2,3-Trichloropropane	5.5		U
108-86-1	Bromobenzene	5.5		U
103-65-1	n-propylbenzene	9.1		
95-49-8	2-Chlorotoluene	5.5		U
108-67-8	1,3,5-Trimethylbenzene	59		
106-43-4	4-Chlorotoluene	5.5		U
98-06-6	tert-Butylbenzene	5.5		U
95-63-6	1,2,4-Trimethylbenzene	85		
135-98-8	sec-Butylbenzene	4.3		J
99-87-6	p-Isopropyltoluene	5.5		U
541-73-1	1,3-Dichlorobenzene	5.5		U
106-46-7	1,4-Dichlorobenzene	5.5		U
104-51-8	n-Butylbenzene	5.5		U
95-50-1	1,2-Dichlorobenzene	5.5		U
96-12-8	1,2-Dibromo-3-Chloropropane	5.5		U
120-82-1	1,2,4-Trichlorobenzene	5.5		U
87-68-3	Hexachlorobutadiene	5.5		U
91-20-3	Naphthalene	10		
1634-04-4	Methyl tert-butyl Ether	5.5		U

SAMPLE NO.

335-GP-021-SS2

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L3679

Site: 299 MAIN

Location: LB12753

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O01

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E3539.D

Level: (low/med) LOW

Date Received: 3/26/01

% Moisture: not dec. 9

Date Analyzed: 3/28/01

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

CAS No.

Compound

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

335-GP-021-SS2

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL
 Project No. L3679 Site: 299 MAIN Location: LB12753 Group: 5970-VOA
 Matrix: (soil/water) SOIL Lab Sample ID: O01
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: E3539.D
 Level: (low/med) LOW Date Received: 3/26/01
 % Moisture: not dec. 9.2 Date Analyzed: 3/28/01
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

Concentration Units:

Number TICs found: 10 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown	11.37	55	J
2.	Unknown	12.73	81	J
3. 108-87-2	Cyclohexane, methyl-	15.02	85	J
4. 611-14-3	Benzene, 1-ethyl-2-methyl-	26.06	130	J
5. 124-18-5	Decane	26.49	50	J
6.	Ethyl Methyl Benzene Isomer	26.80	60	J
7. 526-73-8	Benzene, 1,2,3-trimethyl-	28.31	82	J
8. 496-11-7	Indane	28.82	38	J
9. 95-93-2	Benzene, 1,2,4,5-tetramethyl	29.17	46	J
10. 1120-21-4	Undecane	29.63	120	J
11.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-021-SS2RE

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL

Project No.: L3679 Site: 299 MAIN Location: LB12753 Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: 001RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: E3537.D

Level: (low/med) LOW Date Received: 3/26/01

% Moisture: not dec. 9 Date Analyzed: 3/28/01

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	28		UD
74-87-3	Chloromethane	28		UD
75-01-4	Vinyl Chloride	120		D
74-83-9	Bromomethane	28		UD
75-00-3	Chloroethane	28		UD
75-69-4	Trichlorofluoromethane	28		UD
75-35-4	1,1-Dichloroethene	28		UD
67-64-1	Acetone	28		UD
75-15-0	Carbon Disulfide	28		UD
75-09-2	Methylene Chloride	33		D
156-60-5	trans-1,2-Dichloroethene	28		UD
108-05-4	Vinyl Acetate	140		UD
75-34-3	1,1-Dichloroethane	28		UD
78-93-3	2-Butanone	28		UD
594-20-7	2,2-Dichloropropane	28		UD
156-59-2	cis-1,2-Dichloroethene	640		D
74-97-5	Bromochloromethane	28		UD
67-66-3	Chloroform	28		UD
71-55-6	1,1,1-Trichloroethane	28		UD
563-58-6	1,1-Dichloropropene	28		UD
56-23-5	Carbon Tetrachloride	28		UD
71-43-2	Benzene	42		D
107-06-2	1,2-Dichloroethane	28		UD
79-01-6	Trichloroethene	11		JD
78-87-5	1,2-Dichloropropane	28		UD
74-95-3	Dibromomethane	28		UD
75-27-4	Bromodichloromethane	28		UD
108-10-1	4-Methyl-2-Pentanone	28		UD
108-88-3	Toluene	77		D
10061-02-6	t-1,3-Dichloropropene	28		UD
10061-01-5	cis-1,3-Dichloropropene	28		UD
79-00-5	1,1,2-Trichloroethane	28		UD
142-28-9	1,3-Dichloropropane	28		UD

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-021-SS2RE

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL

Project No.: L3679 Site: 299 MAIN Location: LB12753 Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: 001RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: E3537.D

Level: (low/med) LOW Date Received: 3/26/01

% Moisture: not dec. 9 Date Analyzed: 3/28/01

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
110-75-8	2-Chloroethyl vinyl ether	28		UD
591-78-6	2-Hexanone	28		UD
124-48-1	Dibromochloromethane	28		UD
106-93-4	1,2-Dibromoethane	28		UD
127-18-4	Tetrachloroethene	28		UD
108-90-7	Chlorobenzene	28		UD
630-20-6	1,1,1,2-Tetrachloroethane	28		UD
100-41-4	Ethyl Benzene	26		JD
136777-61-2	m/p-Xylenes	96		D
95-47-6	o-Xylene	150		D
100-42-5	Styrene	28		UD
75-25-2	Bromoform	28		UD
98-82-8	Isopropylbenzene	25		JD
79-34-5	1,1,2,2-Tetrachloroethane	28		UD
96-18-4	1,2,3-Trichloropropane	28		UD
108-86-1	Bromobenzene	28		UD
103-65-1	n-propylbenzene	29		D
95-49-8	2-Chlorotoluene	28		UD
108-67-8	1,3,5-Trimethylbenzene	240		D
106-43-4	4-Chlorotoluene	28		UD
98-06-6	tert-Butylbenzene	28		UD
95-63-6	1,2,4-Trimethylbenzene	380		D
135-98-8	sec-Butylbenzene	16		JD
99-87-6	p-Isopropyltoluene	28		UD
541-73-1	1,3-Dichlorobenzene	28		UD
106-46-7	1,4-Dichlorobenzene	28		UD
104-51-8	n-Butylbenzene	28		UD
95-50-1	1,2-Dichlorobenzene	28		UD
96-12-8	1,2-Dibromo-3-Chloropropane	28		UD
120-82-1	1,2,4-Trichlorobenzene	28		UD
87-68-3	Hexachlorobutadiene	28		UD
91-20-3	Naphthalene	56		D
1634-04-4	Methyl tert-butyl Ether	28		UD

SAMPLE NO.

Contract: IMPACT ENVIRONMENTAL

Group: 5970-VOA

Lab Sample ID: O01RE

Lab File ID: E3537.D

Date Received: 3/26/01

Date Analyzed: 3/28/01

Dilution Factor: 5.0

Soil Aliquot Volume: (uL)

Q

3/90

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

335-GP-021-SS2RE

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL
 Project No. L3679 Site: 299 MAIN Location: LB12753 Group: 5970-VOA
 Matrix: (soil/water) SOIL Lab Sample ID: O01RE
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: E3537.D
 Level: (low/med) LOW Date Received: 3/26/01
 % Moisture: not dec. 9.2 Date Analyzed: 3/28/01
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 5.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

Concentration Units:

Number TICs found: 10 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 108-87-2	Cyclohexane, methyl-	14.98	150	J
2. 620-14-4	Benzene, 1-ethyl-3-methyl-	26.06	300	J
3. 124-18-5	Decane	26.49	77	J
4. 611-14-3	Benzene, 1-ethyl-2-methyl-	26.80	150	J
5.	Ethyl Methyl Benzene Isomer	28.31	210	J
6. 496-11-7	Indane	28.81	92	J
7. 488-23-3	Benzene, 1,2,3,4-tetramethyl	29.16	160	J
8. 1120-21-4	Undecane	29.63	230	J
9. 874-41-9	Benzene, 1-ethyl-2,4-dimethy	30.13	96	J
10. 95-93-2	Benzene, 1,2,4,5-tetramethyl	31.26	200	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-021-SS5

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL

Project No.: L3679 Site: 299 MAIN Location: LB12753 Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: 002

Sample wt/vol: 5.0 (g/mL) G Lab File ID: E3538.D

Level: (low/med) LOW Date Received: 3/26/01

% Moisture: not dec. 7 Date Analyzed: 3/28/01

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	ug/Kg	
75-71-8	Dichlorodifluoromethane	5.4		U
74-87-3	Chloromethane	5.4		U
75-01-4	Vinyl Chloride	5.4		U
74-83-9	Bromomethane	5.4		U
75-00-3	Chloroethane	5.4		U
75-69-4	Trichlorofluoromethane	5.4		U
75-35-4	1,1-Dichloroethene	5.4		U
67-64-1	Acetone	5.4		U
75-15-0	Carbon Disulfide	5.4		U
75-09-2	Methylene Chloride	10		
156-60-5	trans-1,2-Dichloroethene	5.4		U
108-05-4	Vinyl Acetate	27		U
75-34-3	1,1-Dichloroethane	5.4		U
78-93-3	2-Butanone	5.4		U
594-20-7	2,2-Dichloropropane	5.4		U
156-59-2	cis-1,2-Dichloroethene	66		
74-97-5	Bromochloromethane	5.4		U
67-66-3	Chloroform	5.4		U
71-55-6	1,1,1-Trichloroethane	5.4		U
563-58-6	1,1-Dichloropropene	5.4		U
56-23-5	Carbon Tetrachloride	5.4		U
71-43-2	Benzene	5.4		U
107-06-2	1,2-Dichloroethane	5.4		U
79-01-6	Trichloroethene	380		
78-87-5	1,2-Dichloropropane	5.4		U
74-95-3	Dibromomethane	5.4		U
75-27-4	Bromodichloromethane	5.4		U
108-10-1	4-Methyl-2-Pentanone	5.4		U
108-88-3	Toluene	5.4		U
10061-02-6	t-1,3-Dichloropropene	5.4		U
10061-01-5	cis-1,3-Dichloropropene	5.4		U
79-00-5	1,1,2-Trichloroethane	5.4		U
142-28-9	1,3-Dichloropropane	5.4		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-021-SS5

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL

Project No.: L3679 Site: 299 MAIN Location: LB12753 Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: E3538.D

Level: (low/med) LOW Date Received: 3/26/01

% Moisture: not dec. 7 Date Analyzed: 3/28/01

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
110-75-8	2-Chloroethyl vinyl ether	5.4		U
591-78-6	2-Hexanone	5.4		U
124-48-1	Dibromochloromethane	5.4		U
106-93-4	1,2-Dibromoethane	5.4		U
127-18-4	Tetrachloroethene	90		
108-90-7	Chlorobenzene	5.4		U
630-20-6	1,1,1,2-Tetrachloroethane	5.4		U
100-41-4	Ethyl Benzene	5.4		U
136777-61-2	m/p-Xylenes	5.4		U
95-47-6	o-Xylene	5.4		U
100-42-5	Styrene	5.4		U
75-25-2	Bromoform	5.4		U
98-82-8	Isopropylbenzene	5.4		U
79-34-5	1,1,2,2-Tetrachloroethane	5.4		U
96-18-4	1,2,3-Trichloropropane	5.4		U
108-86-1	Bromobenzene	5.4		U
103-65-1	n-propylbenzene	5.4		U
95-49-8	2-Chlorotoluene	5.4		U
108-67-8	1,3,5-Trimethylbenzene	5.4		U
106-43-4	4-Chlorotoluene	5.4		U
98-06-6	tert-Butylbenzene	5.4		U
95-63-6	1,2,4-Trimethylbenzene	5.4		U
135-98-8	sec-Butylbenzene	5.4		U
99-87-6	p-Isopropyltoluene	5.4		U
541-73-1	1,3-Dichlorobenzene	5.4		U
106-46-7	1,4-Dichlorobenzene	5.4		U
104-51-8	n-Butylbenzene	5.4		U
95-50-1	1,2-Dichlorobenzene	5.4		U
96-12-8	1,2-Dibromo-3-Chloropropane	5.4		U
120-82-1	1,2,4-Trichlorobenzene	5.4		U
87-68-3	Hexachlorobutadiene	5.4		U
91-20-3	Naphthalene	5.4		U
1634-04-4	Methyl tert-butyl Ether	5.4		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

335-GP-021-SS5

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL
 Project No. L3679 Site: 299 MAIN Location: LB12753 Group: 5970-VOA
 Matrix: (soil/water) SOIL Lab Sample ID: O02
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: E3538.D
 Level: (low/med) LOW Date Received: 3/26/01
 % Moisture: not dec. 7.2 Date Analyzed: 3/28/01
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

Number TICs found: 3 Concentration Units:
 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 76-13-1	Ethane, 1,1,2-trichloro-1,2,	4.98	6.8	J
2.	Unknown	29.19	14	J
3.	Column Bleed	30.90	51	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-021-SS5RE

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L3679

Site: 299 MAIN

Location: LB12753

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O02RE

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E3540.D

Level: (low/med) LOW

Date Received: 3/26/01

% Moisture: not dec. 7

Date Analyzed: 3/28/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
75-71-8	Dichlorodifluoromethane	27		UD
74-87-3	Chloromethane	27		UD
75-01-4	Vinyl Chloride	27		UD
74-83-9	Bromomethane	27		UD
75-00-3	Chloroethane	27		UD
75-69-4	Trichlorofluoromethane	27		UD
75-35-4	1,1-Dichloroethene	27		UD
67-64-1	Acetone	27		UD
75-15-0	Carbon Disulfide	27		UD
75-09-2	Methylene Chloride	27		UD
156-60-5	trans-1,2-Dichloroethene	27		UD
108-05-4	Vinyl Acetate	130		UD
75-34-3	1,1-Dichloroethane	27		UD
78-93-3	2-Butanone	27		UD
594-20-7	2,2-Dichloropropane	27		UD
156-59-2	cis-1,2-Dichloroethene	47		D
74-97-5	Bromochloromethane	27		UD
67-66-3	Chloroform	27		UD
71-55-6	1,1,1-Trichloroethane	27		UD
563-58-6	1,1-Dichloropropene	27		UD
56-23-5	Carbon Tetrachloride	27		UD
71-43-2	Benzene	27		UD
107-06-2	1,2-Dichloroethane	27		UD
79-01-6	Trichloroethene	370		D
78-87-5	1,2-Dichloropropane	27		UD
74-95-3	Dibromomethane	27		UD
75-27-4	Bromodichloromethane	27		UD
108-10-1	4-Methyl-2-Pentanone	27		UD
108-88-3	Toluene	27		UD
10061-02-6	t-1,3-Dichloropropene	27		UD
10061-01-5	cis-1,3-Dichloropropene	27		UD
79-00-5	1,1,2-Trichloroethane	27		UD
142-28-9	1,3-Dichloropropane	27		UD

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-021-SS5RE

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL

Project No.: L3679 Site: 299 MAIN Location: LB12753 Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O02RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: E3540.D

Level: (low/med) LOW Date Received: 3/26/01

% Moisture: not dec. 7 Date Analyzed: 3/28/01

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	ug/Kg	Q
110-75-8	2-Chloroethyl vinyl ether	27		UD
591-78-6	2-Hexanone	27		UD
124-48-1	Dibromochloromethane	27		UD
106-93-4	1,2-Dibromoethane	27		UD
127-18-4	Tetrachloroethene	100		D
108-90-7	Chlorobenzene	27		UD
630-20-6	1,1,1,2-Tetrachloroethane	27		UD
100-41-4	Ethyl Benzene	27		UD
136777-61-2	m/p-Xylenes	27		UD
95-47-6	o-Xylene	27		UD
100-42-5	Styrene	27		UD
75-25-2	Bromoform	27		UD
98-82-8	Isopropylbenzene	27		UD
79-34-5	1,1,2,2-Tetrachloroethane	27		UD
96-18-4	1,2,3-Trichloropropane	27		UD
108-86-1	Bromobenzene	27		UD
103-65-1	n-propylbenzene	27		UD
95-49-8	2-Chlorotoluene	27		UD
108-67-8	1,3,5-Trimethylbenzene	27		UD
106-43-4	4-Chlorotoluene	27		UD
98-06-6	tert-Butylbenzene	27		UD
95-63-6	1,2,4-Trimethylbenzene	27		UD
135-98-8	sec-Butylbenzene	27		UD
99-87-6	p-Isopropyltoluene	27		UD
541-73-1	1,3-Dichlorobenzene	27		UD
106-46-7	1,4-Dichlorobenzene	27		UD
104-51-8	n-Butylbenzene	27		UD
95-50-1	1,2-Dichlorobenzene	27		UD
96-12-8	1,2-Dibromo-3-Chloropropane	27		UD
120-82-1	1,2,4-Trichlorobenzene	27		UD
87-68-3	Hexachlorobutadiene	27		UD
91-20-3	Naphthalene	27		UD
1634-04-4	Methyl tert-butyl Ether	27		UD

SAMPLE NO.

335-GP-021-SS5RE

Contract: IMPACT ENVIRONMENTAL

Group: 5970-VOA

Lab Sample ID: O02RE

Lab File ID: E3540.D

Date Received: 3/26/01

Date Analyzed: 3/28/01

Dilution Factor: 5.0

Soil Aliquot Volume: (uL)

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

335-GP-021-SS5RE

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL
 Project No. L3679 Site: 299 MAIN Location: LB12753 Group: 5970-VOA
 Matrix: (soil/water) SOIL Lab Sample ID: O02RE
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: E3540.D
 Level: (low/med) LOW Date Received: 3/26/01
 % Moisture: not dec. 7.2 Date Analyzed: 3/28/01
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 5.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

Concentration Units:
 Number TICs found: 0 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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DATA PACKAGE FOR RESULTS SUMMARY

**PROJECT NAME: 299 MAIN STREET
PROJECT # 1-30-0435**

**IMPACT ENVIRONMENTAL
1 VILLAGE PLAZA
KINGS PARK, NY 11754
631-269-8800**

**CHEMTECH PROJECT
ATTENTION**

**L4253ASP
KEVIN KLEAKA**

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-022-SS7

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O01

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4509.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture: not dec. 3

Date Analyzed: 05/12/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	<u>ug/Kg</u>
			Q
75-71-8	Dichlorodifluoromethane	26	U
74-87-3	Chloromethane	26	U
75-01-4	Vinyl Chloride	26	U
74-83-9	Bromomethane	26	U
75-00-3	Chloroethane	26	U
75-69-4	Trichlorofluoromethane	26	U
75-35-4	1,1-Dichloroethene	26	U
67-64-1	Acetone	26	U
75-15-0	Carbon Disulfide	26	U
75-09-2	Methylene Chloride	26	U
156-60-5	trans-1,2-Dichloroethene	26	U
108-05-4	Vinyl Acetate	130	U
75-34-3	1,1-Dichloroethane	26	U
78-93-3	2-Butanone	26	U
594-20-7	2,2-Dichloropropane	26	U
156-59-2	cis-1,2-Dichloroethene	26	U
74-97-5	Bromochloromethane	26	U
67-66-3	Chloroform	26	U
71-55-6	1,1,1-Trichloroethane	26	U
563-58-6	1,1-Dichloropropene	26	U
56-23-5	Carbon Tetrachloride	26	U
71-43-2	Benzene	26	U
107-06-2	1,2-Dichloroethane	26	U
79-01-6	Trichloroethene	50	
78-87-5	1,2-Dichloropropane	26	U
74-95-3	Dibromomethane	26	U
75-27-4	Bromodichloromethane	26	U
108-10-1	4-Methyl-2-Pentanone	26	U
108-88-3	Toluene	26	U
10061-02-6	t-1,3-Dichloropropene	26	U
10061-01-5	cis-1,3-Dichloropropene	26	U
79-00-5	1,1,2-Trichloroethane	26	U
142-28-9	1,3-Dichloropropane	26	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-022-SS7

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: 001

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4509.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture: not dec. 3

Date Analyzed: 05/12/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
110-75-8	2-Chloroethyl vinyl ether	26		U
591-78-6	2-Hexanone	26		U
124-48-1	Dibromochloromethane	26		U
106-93-4	1,2-Dibromoethane	26		U
127-18-4	Tetrachloroethene	7.7		J
108-90-7	Chlorobenzene	26		U
630-20-6	1,1,1,2-Tetrachloroethane	26		U
100-41-4	Ethyl Benzene	26		U
136777-61-2	m/p-Xylenes	26		U
95-47-6	o-Xylene	26		U
100-42-5	Styrene	26		U
75-25-2	Bromoform	26		U
98-82-8	Isopropylbenzene	26		U
79-34-5	1,1,2,2-Tetrachloroethane	26		U
96-18-4	1,2,3-Trichloropropane	26		U
108-86-1	Bromobenzene	26		U
103-65-1	n-propylbenzene	26		U
95-49-8	2-Chlorotoluene	26		U
108-67-8	1,3,5-Trimethylbenzene	26		U
106-43-4	4-Chlorotoluene	26		U
98-06-6	tert-Butylbenzene	26		U
95-63-6	1,2,4-Trimethylbenzene	26		U
135-98-8	sec-Butylbenzene	26		U
99-87-6	p-Isopropyltoluene	26		U
541-73-1	1,3-Dichlorobenzene	26		U
106-46-7	1,4-Dichlorobenzene	26		U
104-51-8	n-Butylbenzene	26		U
95-50-1	1,2-Dichlorobenzene	26		U
96-12-8	1,2-Dibromo-3-Chloropropane	26		U
120-82-1	1,2,4-Trichlorobenzene	26		U
87-68-3	Hexachlorobutadiene	26		U
91-20-3	Naphthalene	26		U
1634-04-4	Methyl tert-butyl Ether	26		U

335-GP-022-SS7

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: 001

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4509.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture:	not dec.	3
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Date Analyzed: 05/12/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

CAS No.

Compound

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

335-GP-022-SS7

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL
 Project No. L4253 Site: 299 MAIN Location: LB13711 Group: 5970-VOA
 Matrix: (soil/water) SOIL Lab Sample ID: O01
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: E4509.D
 Level: (low/med) LOW Date Received: 5/4/01
 % Moisture: not dec. 3.4 Date Analyzed: 5/12/01
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 5.0
 Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

Concentration Units:

Number TICs found: 10 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	Unknown	23.30	200	J
2.	Unknown	25.28	530	J
3.	Unknown	25.78	360	J
4. 124-18-5	Decane	26.25	640	J
5.	Unknown	26.75	150	J
6. 2847-72-5	Decane, 4-methyl-	27.03	1200	J
7.	Unknown	27.57	860	J
8.	Unknown	28.27	1100	J
9. 493-02-7	Naphthalene, decahydro-, tra	28.73	800	J
10. 1120-21-4	Undecane	29.39	4500	J
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-022-SS7RE

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN

Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O01RE

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4524.D

Level: (low/med) LOW

Date Received: 5/4/01

% Moisture: not dec. 3

Date Analyzed: 5/14/01

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 25.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg)	<u>ug/Kg</u>	Q
75-71-8	Dichlorodifluoromethane	130		UD
74-87-3	Chloromethane	130		UD
75-01-4	Vinyl Chloride	130		UD
74-83-9	Bromomethane	130		UD
75-00-3	Chloroethane	130		UD
75-69-4	Trichlorofluoromethane	130		UD
75-35-4	1,1-Dichloroethene	130		UD
67-64-1	Acetone	130		UD
75-15-0	Carbon Disulfide	130		UD
75-09-2	Methylene Chloride	92		JD
156-60-5	trans-1,2-Dichloroethene	130		UD
108-05-4	Vinyl Acetate	650		UD
75-34-3	1,1-Dichloroethane	130		UD
78-93-3	2-Butanone	130		UD
594-20-7	2,2-Dichloropropane	130		UD
156-59-2	cis-1,2-Dichloroethene	130		UD
74-97-5	Bromochloromethane	130		UD
67-66-3	Chloroform	130		UD
71-55-6	1,1,1-Trichloroethane	130		UD
563-58-6	1,1-Dichloropropene	130		UD
56-23-5	Carbon Tetrachloride	130		UD
71-43-2	Benzene	130		UD
107-06-2	1,2-Dichloroethane	130		UD
79-01-6	Trichloroethene	130		UD
78-87-5	1,2-Dichloropropane	130		UD
74-95-3	Dibromomethane	130		UD
75-27-4	Bromodichloromethane	130		UD
108-10-1	4-Methyl-2-Pentanone	130		UD
108-88-3	Toluene	130		UD
10061-02-6	t-1,3-Dichloropropene	130		UD
10061-01-5	cis-1,3-Dichloropropene	130		UD
79-00-5	1,1,2-Trichloroethane	130		UD
142-28-9	1,3-Dichloropropane	130		UD

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-022-SS7RE

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN

Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O01RE

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4524.D

Level: (low/med) LOW

Date Received: 5/4/01

% Moisture: not dec. 3

Date Analyzed: 5/14/01

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 25.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
110-75-8	2-Chloroethyl vinyl ether	130		UD
591-78-6	2-Hexanone	130		UD
124-48-1	Dibromochloromethane	130		UD
106-93-4	1,2-Dibromoethane	130		UD
127-18-4	Tetrachloroethene	130		UD
108-90-7	Chlorobenzene	130		UD
630-20-6	1,1,1,2-Tetrachloroethane	130		UD
100-41-4	Ethyl Benzene	130		UD
136777-61-2	m/p-Xylenes	130		UD
95-47-6	o-Xylene	130		UD
100-42-5	Styrene	130		UD
75-25-2	Bromoform	130		UD
98-82-8	Isopropylbenzene	130		UD
79-34-5	1,1,2,2-Tetrachloroethane	130		UD
96-18-4	1,2,3-Trichloropropane	130		UD
108-86-1	Bromobenzene	130		UD
103-65-1	n-propylbenzene	130		UD
95-49-8	2-Chlorotoluene	130		UD
108-67-8	1,3,5-Trimethylbenzene	130		UD
106-43-4	4-Chlorotoluene	130		UD
98-06-6	tert-Butylbenzene	130		UD
95-63-6	1,2,4-Trimethylbenzene	130		UD
135-98-8	sec-Butylbenzene	130		UD
99-87-6	p-Isopropyltoluene	130		UD
541-73-1	1,3-Dichlorobenzene	130		UD
106-46-7	1,4-Dichlorobenzene	130		UD
104-51-8	n-Butylbenzene	130		UD
95-50-1	1,2-Dichlorobenzene	130		UD
96-12-8	1,2-Dibromo-3-Chloropropane	130		UD
120-82-1	1,2,4-Trichlorobenzene	130		UD
87-68-3	Hexachlorobutadiene	130		UD
91-20-3	Naphthalene	130		UD
1634-04-4	Methyl tert-butyl Ether	130		UD

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

335-GP-022-SS7RE

Project No.: L4253

Site: 299 MAIN

Location: LB13711

Group: 5970-VOA

Matrix: (soil/water)

SOIL

Lab Sample ID: O01RE

Sample wt/vol:

5.0 (g/mL) G

Lab File ID: E4524.D

Level: (low/med)

LOW

Date Received: 5/4/01

% Moisture: not dec.

3

Date Analyzed: 5/14/01

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 25.0

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

Concentration Units:

CAS No.

Compound

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-022-SS12

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN

Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O02

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4556.D

Level: (low/med) LOW

Date Received: 5/4/01

% Moisture: not dec. 2

Date Analyzed: 5/15/01

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
75-71-8	Dichlorodifluoromethane	5.1		U
74-87-3	Chloromethane	5.1		U
75-01-4	Vinyl Chloride	5.1		U
74-83-9	Bromomethane	5.1		U
75-00-3	Chloroethane	5.1		U
75-69-4	Trichlorofluoromethane	5.1		U
75-35-4	1,1-Dichloroethene	5.1		U
67-64-1	Acetone	26		
75-15-0	Carbon Disulfide	5.1		U
75-09-2	Methylene Chloride	2.4		J
156-60-5	trans-1,2-Dichloroethene	5.1		U
108-05-4	Vinyl Acetate	25		U
75-34-3	1,1-Dichloroethane	5.1		U
78-93-3	2-Butanone	5.1		U
594-20-7	2,2-Dichloropropane	5.1		U
156-59-2	cis-1,2-Dichloroethene	5.1		U
74-97-5	Bromochloromethane	5.1		U
67-66-3	Chloroform	5.1		U
71-55-6	1,1,1-Trichloroethane	5.1		U
563-58-6	1,1-Dichloropropene	5.1		U
56-23-5	Carbon Tetrachloride	5.1		U
71-43-2	Benzene	5.1		U
107-06-2	1,2-Dichloroethane	5.1		U
79-01-6	Trichloroethene	5.1		U
78-87-5	1,2-Dichloropropane	5.1		U
74-95-3	Dibromomethane	5.1		U
75-27-4	Bromodichloromethane	5.1		U
108-10-1	4-Methyl-2-Pentanone	5.1		U
108-88-3	Toluene	5.1		U
10061-02-6	t-1,3-Dichloropropene	5.1		U
10061-01-5	cis-1,3-Dichloropropene	5.1		U
79-00-5	1,1,2-Trichloroethane	5.1		U
142-28-9	1,3-Dichloropropane	5.1		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-022-SS12

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN

Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O02

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4556.D

Level: (low/med) LOW

Date Received: 5/4/01

% Moisture: not dec. 2

Date Analyzed: 5/15/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
110-75-8	2-Chloroethyl vinyl ether	5.1		U
591-78-6	2-Hexanone	5.1		U
124-48-1	Dibromochloromethane	5.1		U
106-93-4	1,2-Dibromoethane	5.1		U
127-18-4	Tetrachloroethene	5.1		U
108-90-7	Chlorobenzene	5.1		U
630-20-6	1,1,1,2-Tetrachloroethane	5.1		U
100-41-4	Ethyl Benzene	5.1		U
136777-61-2	m/p-Xylenes	5.1		U
95-47-6	o-Xylene	5.1		U
100-42-5	Styrene	5.1		U
75-25-2	Bromoform	5.1		U
98-82-8	Isopropylbenzene	5.1		U
79-34-5	1,1,2,2-Tetrachloroethane	5.1		U
96-18-4	1,2,3-Trichloropropane	5.1		U
108-86-1	Bromobenzene	5.1		U
103-65-1	n-propylbenzene	5.1		U
95-49-8	2-Chlorotoluene	5.1		U
108-67-8	1,3,5-Trimethylbenzene	5.1		U
106-43-4	4-Chlorotoluene	5.1		U
98-06-6	tert-Butylbenzene	5.1		U
95-63-6	1,2,4-Trimethylbenzene	5.1		U
135-98-8	sec-Butylbenzene	5.1		U
99-87-6	p-Isopropyltoluene	5.1		U
541-73-1	1,3-Dichlorobenzene	5.1		U
106-46-7	1,4-Dichlorobenzene	5.1		U
104-51-8	n-Butylbenzene	5.1		U
95-50-1	1,2-Dichlorobenzene	5.1		U
96-12-8	1,2-Dibromo-3-Chloropropane	5.1		U
120-82-1	1,2,4-Trichlorobenzene	5.1		U
87-68-3	Hexachlorobutadiene	5.1		U
91-20-3	Naphthalene	5.1		U
1634-04-4	Methyl tert-butyl Ether	5.1		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
335-GP-022-SS12

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL
 Project No. L4253 Site: 299 MAIN Location: LB13711 Group: 5970-VOA
 Matrix: (soil/water) SOIL Lab Sample ID: O02
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: E4556.D
 Level: (low/med) LOW Date Received: 5/4/01
 % Moisture: not dec. 1.8 Date Analyzed: 5/15/01
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:

Number TICs found: 3 (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 76-13-1	Ethane, 1,1,2-trichloro-1,2,	4.71	8.1	J
2.	Column Bleed	25.86	6.5	JB
3.	Column Bleed	30.70	5.8	JB
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-022-SS17

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN

Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O03

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4560.D

Level: (low/med) LOW

Date Received: 5/4/01

% Moisture: not dec. 4

Date Analyzed: 5/15/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
75-71-8	Dichlorodifluoromethane	5.2		U
74-87-3	Chloromethane	5.2		U
75-01-4	Vinyl Chloride	5.2		U
74-83-9	Bromomethane	5.2		U
75-00-3	Chloroethane	5.2		U
75-69-4	Trichlorofluoromethane	5.2		U
75-35-4	1,1-Dichloroethene	5.2		U
67-64-1	Acetone	5.2		U
75-15-0	Carbon Disulfide	5.2		U
75-09-2	Methylene Chloride	5.2		U
156-60-5	trans-1,2-Dichloroethene	5.2		U
108-05-4	Vinyl Acetate	26		U
75-34-3	1,1-Dichloroethane	5.2		U
78-93-3	2-Butanone	5.2		U
594-20-7	2,2-Dichloropropane	5.2		U
156-59-2	cis-1,2-Dichloroethene	5.2		U
74-97-5	Bromochloromethane	5.2		U
67-66-3	Chloroform	5.2		U
71-55-6	1,1,1-Trichloroethane	5.2		U
563-58-6	1,1-Dichloropropene	5.2		U
56-23-5	Carbon Tetrachloride	5.2		U
71-43-2	Benzene	5.2		U
107-06-2	1,2-Dichloroethane	5.2		U
79-01-6	Trichloroethene	5.2		U
78-87-5	1,2-Dichloropropane	5.2		U
74-95-3	Dibromomethane	5.2		U
75-27-4	Bromodichloromethane	5.2		U
108-10-1	4-Methyl-2-Pentanone	5.2		U
108-88-3	Toluene	5.2		U
10061-02-6	t-1,3-Dichloropropene	5.2		U
10061-01-5	cis-1,3-Dichloropropene	5.2		U
79-00-5	1,1,2-Trichloroethane	5.2		U
142-28-9	1,3-Dichloropropane	5.2		U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-022-SS17

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN

Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O03

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4560.D

Level: (low/med) LOW

Date Received: 5/4/01

% Moisture: not dec. 4

Date Analyzed: 5/15/01

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
110-75-8	2-Chloroethyl vinyl ether	5.2		U
591-78-6	2-Hexanone	5.2		U
124-48-1	Dibromochloromethane	5.2		U
106-93-4	1,2-Dibromoethane	5.2		U
127-18-4	Tetrachloroethene	1.9		J
108-90-7	Chlorobenzene	5.2		U
630-20-6	1,1,1,2-Tetrachloroethane	5.2		U
100-41-4	Ethyl Benzene	5.2		U
136777-61-2	m/p-Xylenes	5.2		U
95-47-6	o-Xylene	5.2		U
100-42-5	Styrene	5.2		U
75-25-2	Bromoform	5.2		U
98-82-8	Isopropylbenzene	5.2		U
79-34-5	1,1,2,2-Tetrachloroethane	5.2		U
96-18-4	1,2,3-Trichloropropane	5.2		U
108-86-1	Bromobenzene	5.2		U
103-65-1	n-propylbenzene	5.2		U
95-49-8	2-Chlorotoluene	5.2		U
108-67-8	1,3,5-Trimethylbenzene	5.2		U
106-43-4	4-Chlorotoluene	5.2		U
98-06-6	tert-Butylbenzene	5.2		U
95-63-6	1,2,4-Trimethylbenzene	5.2		U
135-98-8	sec-Butylbenzene	5.2		U
99-87-6	p-Isopropyltoluene	5.2		U
541-73-1	1,3-Dichlorobenzene	5.2		U
106-46-7	1,4-Dichlorobenzene	5.2		U
104-51-8	n-Butylbenzene	5.2		U
95-50-1	1,2-Dichlorobenzene	5.2		U
96-12-8	1,2-Dibromo-3-Chloropropane	5.2		U
120-82-1	1,2,4-Trichlorobenzene	5.2		U
87-68-3	Hexachlorobutadiene	5.2		U
91-20-3	Naphthalene	5.2		U
1634-04-4	Methyl tert-butyl Ether	5.2		U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
335-GP-022-SS17

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL
 Project No. L4253 Site: 299 MAIN Location: LB13711 Group: 5970-VOA
 Matrix: (soil/water) SOIL Lab Sample ID: O03
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: E4560.D
 Level: (low/med) LOW Date Received: 5/4/01
 % Moisture: not dec. 3.5 Date Analyzed: 5/15/01
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/Kg

Number TICs found: 3

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 76-13-1	Ethane, 1,1,2-trichloro-1,2,	4.67	7.7	J
2.	Column Bleed	25.86	6.2	JB
3.	Column Bleed	30.66	17	JB
4.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-023-SS7

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: 004

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4557.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture: not dec. 4

Date Analyzed: 05/15/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	<u>ug/Kg</u>
			Q
75-71-8	Dichlorodifluoromethane	5.2	U
74-87-3	Chloromethane	5.2	U
75-01-4	Vinyl Chloride	5.2	U
74-83-9	Bromomethane	5.2	U
75-00-3	Chloroethane	5.2	U
75-69-4	Trichlorofluoromethane	5.2	U
75-35-4	1,1-Dichloroethene	5.2	U
67-64-1	Acetone	8.2	
75-15-0	Carbon Disulfide	5.2	U
75-09-2	Methylene Chloride	2	
156-60-5	trans-1,2-Dichloroethene	5.2	U
108-05-4	Vinyl Acetate	26	U
75-34-3	1,1-Dichloroethane	5.2	U
78-93-3	2-Butanone	5.2	U
594-20-7	2,2-Dichloropropane	5.2	U
156-59-2	cis-1,2-Dichloroethene	5.2	U
74-97-5	Bromochloromethane	5.2	U
67-66-3	Chloroform	5.2	U
71-55-6	1,1,1-Trichloroethane	5.2	U
563-58-6	1,1-Dichloropropene	5.2	U
56-23-5	Carbon Tetrachloride	5.2	U
71-43-2	Benzene	5.2	U
107-06-2	1,2-Dichloroethane	5.2	U
79-01-6	Trichloroethene	5.2	U
78-87-5	1,2-Dichloropropane	5.2	U
74-95-3	Dibromomethane	5.2	U
75-27-4	Bromodichloromethane	5.2	U
108-10-1	4-Methyl-2-Pentanone	5.2	U
108-88-3	Toluene	5.2	U
10061-02-6	t-1,3-Dichloropropene	5.2	U
10061-01-5	cis-1,3-Dichloropropene	5.2	U
79-00-5	1,1,2-Trichloroethane	5.2	U
142-28-9	1,3-Dichloropropane	5.2	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-023-SS7

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O04

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4557.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture: not dec. 4

Date Analyzed: 05/15/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:		Q
		(ug/L or ug/Kg)	<u>ug/Kg</u>	
110-75-8	2-Chloroethyl vinyl ether	5.2		U
591-78-6	2-Hexanone	5.2		U
124-48-1	Dibromochloromethane	5.2		U
106-93-4	1,2-Dibromoethane	5.2		U
127-18-4	Tetrachloroethene	5.2		U
108-90-7	Chlorobenzene	5.2		U
630-20-6	1,1,1,2-Tetrachloroethane	5.2		U
100-41-4	Ethyl Benzene	5.2		U
136777-61-2	m/p-Xylenes	5.2		U
95-47-6	o-Xylene	5.2		U
100-42-5	Styrene	5.2		U
75-25-2	Bromoform	5.2		U
98-82-8	Isopropylbenzene	5.2		U
79-34-5	1,1,2,2-Tetrachloroethane	5.2		U
96-18-4	1,2,3-Trichloropropane	5.2		U
108-86-1	Bromobenzene	5.2		U
103-65-1	n-propylbenzene	5.2		U
95-49-8	2-Chlorotoluene	5.2		U
108-67-8	1,3,5-Trimethylbenzene	5.2		U
106-43-4	4-Chlorotoluene	5.2		U
98-06-6	tert-Butylbenzene	5.2		U
95-63-6	1,2,4-Trimethylbenzene	5.2		U
135-98-8	sec-Butylbenzene	5.2		U
99-87-6	p-Isopropyltoluene	5.2		U
541-73-1	1,3-Dichlorobenzene	5.2		U
106-46-7	1,4-Dichlorobenzene	5.2		U
104-51-8	n-Butylbenzene	5.2		U
95-50-1	1,2-Dichlorobenzene	5.2		U
96-12-8	1,2-Dibromo-3-Chloropropane	5.2		U
120-82-1	1,2,4-Trichlorobenzene	5.2		U
87-68-3	Hexachlorobutadiene	5.2		U
91-20-3	Naphthalene	5.2		U
1634-04-4	Methyl tert-butyl Ether	5.2		U

335-GP-023-SS7

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOAMatrix: (soil/water) SOIL

Lab Sample ID: 004

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4557.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture: not dec. 4

Date Analyzed: 05/15/01GC Column: DB624 ID: 0.53 (mm)Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.

335-GP-023-SS7

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No. L4253

Site: 299 MAIN

Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O04

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4557.D

Level: (low/med) LOW

Date Received: 5/4/01

% Moisture: not dec. 3.9

Date Analyzed: 5/15/01

GC Column: DB624

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

Number TICs found: 3

(ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 76-13-1	Ethane, 1,1,2-trichloro-1,2,	4.67	10	J
2.	Column Bleed	25.86	6.2	JB
3.	Column Bleed	30.70	11	JB
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-023-SS12

Lab Name: CHEMTECH

Contract: IMPACK ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O05

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4558.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture: not dec. 5

Date Analyzed: 05/15/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	ug/Kg
			Q
75-71-8	Dichlorodifluoromethane	5.3	U
74-87-3	Chloromethane	5.3	U
75-01-4	Vinyl Chloride	5.3	U
74-83-9	Bromomethane	5.3	U
75-00-3	Chloroethane	5.3	U
75-69-4	Trichlorofluoromethane	5.3	U
75-35-4	1,1-Dichloroethene	5.3	U
67-64-1	Acetone	5.3	U
75-15-0	Carbon Disulfide	5.3	U
75-09-2	Methylene Chloride	2.2	J
156-60-5	trans-1,2-Dichloroethene	5.3	U
108-05-4	Vinyl Acetate	26	U
75-34-3	1,1-Dichloroethane	5.3	U
78-93-3	2-Butanone	5.3	U
594-20-7	2,2-Dichloropropane	5.3	U
156-59-2	cis-1,2-Dichloroethene	5.3	U
74-97-5	Bromochloromethane	5.3	U
67-66-3	Chloroform	5.3	U
71-55-6	1,1,1-Trichloroethane	5.3	U
563-58-6	1,1-Dichloropropene	5.3	U
56-23-5	Carbon Tetrachloride	5.3	U
71-43-2	Benzene	5.3	U
107-06-2	1,2-Dichloroethane	5.3	U
79-01-6	Trichloroethene	5.3	U
78-87-5	1,2-Dichloropropane	5.3	U
74-95-3	Dibromomethane	5.3	U
75-27-4	Bromodichloromethane	5.3	U
108-10-1	4-Methyl-2-Pentanone	5.3	U
108-88-3	Toluene	5.3	U
10061-02-6	t-1,3-Dichloropropene	5.3	U
10061-01-5	cis-1,3-Dichloropropene	5.3	U
79-00-5	1,1,2-Trichloroethane	5.3	U
142-28-9	1,3-Dichloropropane	5.3	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-023-SS12

Lab Name: CHEMTECH

Contract: IMPACK ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O05

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4558.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture: not dec. 5

Date Analyzed: 05/15/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	<u>ug/Kg</u>
			Q
110-75-8	2-Chloroethyl vinyl ether	5.3	U
591-78-6	2-Hexanone	5.3	U
124-48-1	Dibromochloromethane	5.3	U
106-93-4	1,2-Dibromoethane	5.3	U
127-18-4	Tetrachloroethene	5.3	U
108-90-7	Chlorobenzene	5.3	U
630-20-6	1,1,1,2-Tetrachloroethane	5.3	U
100-41-4	Ethyl Benzene	5.3	U
136777-61-2	m/p-Xylenes	5.3	U
95-47-6	o-Xylene	5.3	U
100-42-5	Styrene	5.3	U
75-25-2	Bromoform	5.3	U
98-82-8	Isopropylbenzene	5.3	U
79-34-5	1,1,2,2-Tetrachloroethane	5.3	U
96-18-4	1,2,3-Trichloropropane	5.3	U
108-86-1	Bromobenzene	5.3	U
103-65-1	n-propylbenzene	5.3	U
95-49-8	2-Chlorotoluene	5.3	U
108-67-8	1,3,5-Trimethylbenzene	5.3	U
106-43-4	4-Chlorotoluene	5.3	U
98-06-6	tert-Butylbenzene	5.3	U
95-63-6	1,2,4-Trimethylbenzene	5.3	U
135-98-8	sec-Butylbenzene	5.3	U
99-87-6	p-Isopropyltoluene	5.3	U
541-73-1	1,3-Dichlorobenzene	5.3	U
106-46-7	1,4-Dichlorobenzene	5.3	U
104-51-8	n-Butylbenzene	5.3	U
95-50-1	1,2-Dichlorobenzene	5.3	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.3	U
120-82-1	1,2,4-Trichlorobenzene	5.3	U
87-68-3	Hexachlorobutadiene	5.3	U
91-20-3	Naphthalene	5.3	U
1634-04-4	Methyl tert-butyl Ether	5.3	U

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335-GP-023-SS12

Lab Name: CHEMTECH

Contract: IMPACK ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O05

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4558.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture:	not dec.	5
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Date Analyzed: 05/15/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: _____ (uL)

Concentration Units:

(ug/L or ug/Kg)

ug/Kg

Q

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
335-GP-023-SS12

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL
 Project No. L4253 Site: 299 MAIN Location: LB13711 Group: 5970-VOA
 Matrix: (soil/water) SOIL Lab Sample ID: O05
 Sample wt/vol: 5.0 (g/mL) G Lab File ID: E4558.D
 Level: (low/med) LOW Date Received: 5/4/01
 % Moisture: not dec. 5.2 Date Analyzed: 5/15/01
 GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Concentration Units:
(ug/L or ug/Kg) ug/Kg

Number TICs found: 3

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 76-13-1	Ethane, 1,1,2-trichloro-1,2,	4.67	10	J
2.	Column Bleed	25.86	5.3	JB
3.	Column Bleed	30.66	10	JB
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-023-SS17

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL

Project No.: L4253 Site: 299 MAIN S Location: LB13711 Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: E4559.D

Level: (low/med) LOW Date Received: 05/04/01

% Moisture: not dec. 3 Date Analyzed: 05/15/01

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	ug/Kg
			Q
75-71-8	Dichlorodifluoromethane	5.2	U
74-87-3	Chloromethane	5.2	U
75-01-4	Vinyl Chloride	5.2	U
74-83-9	Bromomethane	5.2	U
75-00-3	Chloroethane	5.2	U
75-69-4	Trichlorofluoromethane	5.2	U
75-35-4	1,1-Dichloroethene	5.2	U
67-64-1	Acetone	5.2	U
75-15-0	Carbon Disulfide	5.2	U
75-09-2	Methylene Chloride	5.2	U
156-60-5	trans-1,2-Dichloroethene	5.2	U
108-05-4	Vinyl Acetate	26	U
75-34-3	1,1-Dichloroethane	5.2	U
78-93-3	2-Butanone	5.2	U
594-20-7	2,2-Dichloropropane	5.2	U
156-59-2	cis-1,2-Dichloroethene	5.2	U
74-97-5	Bromochloromethane	5.2	U
67-66-3	Chloroform	5.2	U
71-55-6	1,1,1-Trichloroethane	5.2	U
563-58-6	1,1-Dichloropropene	5.2	U
56-23-5	Carbon Tetrachloride	5.2	U
71-43-2	Benzene	5.2	U
107-06-2	1,2-Dichloroethane	5.2	U
79-01-6	Trichloroethene	5.2	U
78-87-5	1,2-Dichloropropane	5.2	U
74-95-3	Dibromomethane	5.2	U
75-27-4	Bromodichloromethane	5.2	U
108-10-1	4-Methyl-2-Pentanone	5.2	U
108-88-3	Toluene	5.2	U
10061-02-6	t-1,3-Dichloropropene	5.2	U
10061-01-5	cis-1,3-Dichloropropene	5.2	U
79-00-5	1,1,2-Trichloroethane	5.2	U
142-28-9	1,3-Dichloropropane	5.2	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

335-GP-023-SS17

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: O06

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4559.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture: not dec. 3

Date Analyzed: 05/15/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS No.	Compound	Concentration Units:	
		(ug/L or ug/Kg)	<u>ug/Kg</u>
			Q
110-75-8	2-Chloroethyl vinyl ether	5.2	U
591-78-6	2-Hexanone	5.2	U
124-48-1	Dibromochloromethane	5.2	U
106-93-4	1,2-Dibromoethane	5.2	U
127-18-4	Tetrachloroethene	5.2	U
108-90-7	Chlorobenzene	5.2	U
630-20-6	1,1,1,2-Tetrachloroethane	5.2	U
100-41-4	Ethyl Benzene	5.2	U
136777-61-2	m/p-Xylenes	5.2	U
95-47-6	o-Xylene	5.2	U
100-42-5	Styrene	5.2	U
75-25-2	Bromoform	5.2	U
98-82-8	Isopropylbenzene	5.2	U
79-34-5	1,1,2,2-Tetrachloroethane	5.2	U
96-18-4	1,2,3-Trichloropropane	5.2	U
108-86-1	Bromobenzene	5.2	U
103-65-1	n-propylbenzene	5.2	U
95-49-8	2-Chlorotoluene	5.2	U
108-67-8	1,3,5-Trimethylbenzene	5.2	U
106-43-4	4-Chlorotoluene	5.2	U
98-06-6	tert-Butylbenzene	5.2	U
95-63-6	1,2,4-Trimethylbenzene	5.2	U
135-98-8	sec-Butylbenzene	5.2	U
99-87-6	p-Isopropyltoluene	5.2	U
541-73-1	1,3-Dichlorobenzene	5.2	U
106-46-7	1,4-Dichlorobenzene	5.2	U
104-51-8	n-Butylbenzene	5.2	U
95-50-1	1,2-Dichlorobenzene	5.2	U
96-12-8	1,2-Dibromo-3-Chloropropane	5.2	U
120-82-1	1,2,4-Trichlorobenzene	5.2	U
87-68-3	Hexachlorobutadiene	5.2	U
91-20-3	Naphthalene	5.2	U
1634-04-4	Methyl tert-butyl Ether	5.2	U

335-GP-023-SS17

Lab Name: CHEMTECH

Contract: IMPACT ENVIRONMENTAL

Project No.: L4253

Site: 299 MAIN S Location: LB13711

Group: 5970-VOA

Matrix: (soil/water) SOIL

Lab Sample ID: 006

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: E4559.D

Level: (low/med) LOW

Date Received: 05/04/01

% Moisture: not dec. 3

Date Analyzed: 05/15/01

GC Column: DB624 ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

[illegible]

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
335-GP-023-SS17

Lab Name: CHEMTECH Contract: IMPACT ENVIRONMENTAL

Project No. L4253 Site: 299 MAIN Location: LB13711 Group: 5970-VOA

Matrix: (soil/water) SOIL Lab Sample ID: O06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: E4559.D

Level: (low/med) LOW Date Received: 5/4/01

% Moisture: not dec. 3.4 Date Analyzed: 5/15/01

GC Column: DB624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 2 Concentration Units:
(ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 76-13-1	Ethane, 1,1,2-trichloro-1,2,	4.67	9.3	J
2.	Column Bleed	30.66	8.8	JB
3.				
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