

Appendix C

Laboratory Test Data for Tank Removals and Soil Remediation

July 18, 2002

Shanahan Consulting
36 Penfield Place
Farmington, CT 06032

Attn: Ned Shanahan

Please find attached laboratory report(s) for the samples submitted on:
June 27, 2002.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No. : 0602413
PO/Job No. : 02-29
Invoice No. : 119200
Customer No. : 691

Please contact us if you have any questions.

Very truly yours,



Stephen J. Franco
Laboratory Director
PH-0547



STEPHEN J. FRANCO
Laboratory Director
PHONE 203/634-3731

www.ctl-web.com / ctestlab@erols.com
165 GRACEY AVENUE MERIDEN, CT 06451

Date Samples Received : 6/27/02

Client Name : Shanahan Consulting	CTL Lab No. : 0602413
Report Date : 7/16/02	PO/ Job No. : 02-29

RESULTS OF ANALYSIS

SPLP EPA 1312

Matrix Type: S

Lead-mg/L

Field ID	CTL #	MDL			
T1-S1	10267	0.005	BDL		
T1-S2	10268	0.005	0.006		
T1-S3	10269	0.005	BDL		
T1-S4	10270	0.005	0.008		
T1-S5	10271	0.005	0.007		
T2-S1	10272	0.005	BDL		
T2-S2	10273	0.005	BDL		
T2-S3	10274	0.005	0.083		
T2-S4	10275	0.005	BDL		
T2-S5	10276	0.005	BDL		

MDL= Minimum Detectable Level / BDL= Below Detection Level

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Date Samples Received : 6/27/02

Client Name : Shanahan Consulting	CTL Lab No. : 0602413
Report Date : 7/16/02	PO/ Job No. : 02-29

RESULTS OF ANALYSIS

Mass Analysis EPA 3050B

Matrix Type: S

Lead-mg/kg

Field ID	CTL #	MDL			
T1-S1	10267	0.5	15.0		
T1-S2	10268	0.5	19.1		
T1-S3	10269	0.5	12.6		
T1-S4	10270	0.5	33.1		
T1-S5	10271	0.5	36.8		
T2-S1	10272	0.5	404		
T2-S2	10273	0.5	9.0		
T2-S3	10274	0.5	742		
T2-S4	10275	0.5	25.5		
T2-S5	10276	0.5	8.5		

MDL= Minimum Detectable Level / BDL= Below Detection Level

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Client Name : **Shanahan Consulting**

CTL Lab No.: 0602413

Job/PO No. : 02-29

Report Date : 7/16/01

Date Analyzed: 7/13/02

Analyst: SR

EPA METHOD 5035/8021B

Date Samples Rec'd: 6/27/02

Matrix Type:
CTL Sample #:
Field ID :

S	S	S	S
10267	10268	10269	10270
T1-S1	T1-S2	T1-S3	T1-S4

Results of Analysis

Parameters	MDL				
Benzene	20	BDL	BDL	BDL	BDL
Toluene	25	BDL	BDL	BDL	BDL
Chlorobenzene	25	BDL	BDL	BDL	BDL
Ethyl Benzene	25	BDL	BDL	BDL	BDL
p/m-Xylene	25	BDL	BDL	BDL	BDL
o-Xylene	25	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	25	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	25	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	25	BDL	BDL	BDL	BDL
MTBE	50	BDL	BDL	BDL	BDL

*NOTE: These samples were collected in sodium bisulfate and analyzed in accordance with EPA 5035.

MDL= Minimum Detectable Level BDL= Below Detection Level Units= ug/kg

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Client Name : Shanahan Consulting	Date Analyzed: 7/13/02
CTL Lab No.: 0602413	Analyst: SR
Job/PO No. : 02-29	
Report Date : 7/16/01	

EPA METHOD 5035/8021B

Date Samples Rec'd: 6/27/02

Matrix Type:	S	S	S	S
CTL Sample #:	10271	10272	10273	10275
Field ID :	T1-S5	T2-S1	T2-S2	T2-S4

Results of Analysis

Parameters	MDL				
Benzene	20	BDL	BDL	BDL	BDL
Toluene	25	BDL	BDL	BDL	BDL
Chlorobenzene	25	BDL	BDL	BDL	BDL
Ethyl Benzene	25	BDL	BDL	BDL	BDL
p/m-Xylene	25	BDL	BDL	BDL	BDL
o-Xylene	25	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	25	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	25	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	25	BDL	BDL	BDL	BDL
MTBE	50	BDL	BDL	BDL	BDL

*NOTE: These samples were collected in sodium bisulfate and analyzed in accordance with EPA 5035.

MDL= Minimum Detectable Level **BDL**= Below Detection Level **Units**= ug/kg

Matrix Type: **W**= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Client Name : Shanahan Consulting	Date Analyzed: 7/13/02
CTL Lab No.: 0602413	Analyst: SR
Job/PO No. : 02-29	
Report Date : 7/16/01	

EPA METHOD 5035/8021B

Date Samples Rec'd: 6/27/02

Matrix Type: **S**
 CTL Sample #: **10276**
 Field ID : **T2-S5**

Results of Analysis

Parameters	MDL				
Benzene	20	BDL			
Toluene	25	BDL			
Chlorobenzene	25	BDL			
Ethyl Benzene	25	BDL			
p/m-Xylene	25	BDL			
o-Xylene	25	BDL			
1,4-Dichlorobenzene	25	BDL			
1,3-Dichlorobenzene	25	BDL			
1,2-Dichlorobenzene	25	BDL			
MTBE	50	BDL			

*NOTE: These samples were collected in sodium bisulfate and analyzed in accordance with EPA 5035.

MDL= Minimum Detectable Level **BDL=** Below Detection Level **Units=** ug/kg

Matrix Type: **W=** Water/Aqueous **S=** Soil/Solid **O=** Oil/Hydrocarbon

Client Name : **Shanahan Consulting**

CTL Lab No.: 0602413

Job/PO No. : 02-29

Report Date : 7/16/01

Date Analyzed: 7/13/02

Analyst: SR

EPA METHOD 5035/8021B

Date Samples Rec'd: 6/27/02

Matrix Type: **S**
 CTL Sample #: **10274**
 Field ID : **T2-S3**

Results of Analysis

Parameters	MDL				
Benzene	200	BDL			
Toluene	250	BDL			
Chlorobenzene	250	BDL			
Ethyl Benzene	250	350.0			
p/m-Xylene	250	3,157.0			
o-Xylene	250	1,745.0			
1,4-Dichlorobenzene	250	BDL			
1,3-Dichlorobenzene	250	BDL			
1,2-Dichlorobenzene	250	BDL			
MTBE	500	BDL			

*NOTE: This sample was collected in methanol and analyzed in accordance with EPA 5035.

MDL= Minimum Detectable Level BDL= Below Detection Level Units= ug/kg

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

July 16, 2002

Shanahan Consulting
36 Penfield Place
Farmington, CT 06032

Attn: Ned Shanahan


Please find attached laboratory report(s) for the samples submitted on:
June 28, 2002.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No. : 0602438
PO/Job No. : 02-29
Invoice No. : 119188
Customer No. : 691

Please contact us if you have any questions.

Very truly yours,


Stephen J. Franco
Laboratory Director
PH-0547



STEPHEN J. FRANCO
Laboratory Director
PHONE 203/634-3731

www.ctl-web.com / ctestlab@erols.com
165 GRACEY AVENUE MERIDEN, CT 06451

Date Samples Received: 6/28/02

Client Name : Shanahan Consulting	CTL Lab No. : 0602438
Report Date : 7/15/02	PO/ Job No. : 02-29

RESULTS OF ANALYSIS

Mass Analysis EPA 3050B

Matrix Type :	S	S	S
CTL Sample No.	10379	10385	10386
Field ID :	T2-S6	T3-S6	DW1

Parameters	MDL				
Arsenic-mg/kg	1.0	11.6	7.6	7.7	
Barium-mg/kg	5	68	64	31	
Cadmium-mg/kg	0.5	2.7	1.1	BDL	
Chromium, Total-mg/kg	0.5	39.0	33.8	21.7	
Lead-mg/kg	0.5	1,140	415	24.6	
Mercury-mg/kg	0.02	0.16	0.05	BDL	
Selenium-mg/kg	0.5	BDL	BDL	BDL	
Silver-mg/kg	0.2	BDL	BDL	BDL	

EPA Method 8082

Matrix Type :	S	S	S
CTL Sample No.	10379	10385	10386
Field ID :	T2-S6	T3-S6	DW1

Parameters	MDL				
Total PCBs-ppm	1	BDL	BDL	BDL	

MDL= Minimum Detectable Level BDL = Below Detection Level

Matrix Types: W = Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Date Samples Received: 6/28/02

Client Name : Shanahan Consulting	CTL Lab No. : 0602438
Report Date : 7/15/02	PO/ Job No. : 02-29

RESULTS OF ANALYSIS

SPLP EPA 1312

Matrix Type :	S	S	S
CTL Sample No.	10379	10385	10386
Field ID :	T2-S6	T3-S6	DW1

Parameters	MDL			
Arsenic-mg/L	0.05	BDL	BDL	BDL
Barium-mg/L	0.5	BDL	BDL	BDL
Cadmium-mg/L	0.005	BDL	BDL	BDL
Chromium, Total-mg/L	0.05	BDL	BDL	BDL
Lead-mg/L	0.005	0.150	0.070	BDL
Mercury-mg/L	0.002	BDL	BDL	BDL
Selenium-mg/L	0.01	BDL	BDL	BDL
Silver-mg/L	0.01	BDL	BDL	BDL

MDL= Minimum Detectable Level BDL= Below Detection Level

Matrix Types: W = Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Date Samples Received : 6/28/02

Client Name : Shanahan Consulting	Date Extracted: 7/08/02
CTL Lab No.: 0602438	Date Analyzed: 7/08/02
Job/PO No. : 02-29	Analyst: LP
Report. Date: 7/15/02	

RESULTS OF ANALYSIS

Matrix Type: S

Field ID	CTL #	MDL	CT ETPH - mg/kg			
T2-S6	10379	25	12,343			
T3-S1	10380	25	6,105			
T3-S2	10381	25	BDL			
T3-S3	10382	25	BDL			
T3-S4	10383	25	BDL			
T3-S5	10384	25	BDL			
T3-S6	10385	25	4,383			
DW1	10386	25	BDL			

MDL= Minimum Detectable Level / BDL= Below Detection Level

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Client Name : **Shanahan Consulting**
 CTL Lab No.: 0602438
 Job/PO No. : 02-29
 Report Date : 7/15/02

Date Extracted: 7/08/02
 Date Analyzed: 7/10/02
 Analyst: SR

EPA METHOD 5035/8021B

Date Samples Rec'd: 6/28/02

Matrix Type **S**
 CTL Sample #: **10380**
 Field ID : **T3-S1**

Results of Analysis

Parameters	MDL				
Benzene	200	BDL			
Toluene	250	2,389.0			
Chlorobenzene	250	BDL			
Ethyl Benzene	250	3,252.0			
p/m-Xylene	250	15,589.0			
o-Xylene	250	7,602.0			
1,4-Dichlorobenzene	250	BDL			
1,3-Dichlorobenzene	250	BDL			
1,2-Dichlorobenzene	250	BDL			
MTBE	500	BDL			

***NOTE:** This sample was collected in methanol in the field and analyzed in accordance with EPA 5035.

MDL= Minimum Detectable Level **BDL**= Below Detection Level **Units**= ug/kg

Matrix Type: **W**= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Client Name : **Shanahan Consulting**

CTL Lab No.: 0602438

Job/PO No. : 02-29

Report Date : 7/15/02

Date Analyzed: 7/11-7/12/02

Analyst: SR

EPA METHOD 8260B GC/MS

Date Samples Rec'd: 6/28/02

Matrix Type

CTL Sample #:

Field ID :

S

10379

T2-S6

S

10385

T3-S6

S

10386

DW1

Results of Analysis

Parameters	MDL				
Dichlorodifluoromethane	10	BDL	BDL	BDL	
Chloromethane	10	BDL	BDL	BDL	
Vinyl chloride	10	BDL	BDL	BDL	
Chloroethane	10	BDL	BDL	BDL	
Bromomethane	10	BDL	BDL	BDL	
Trichlorofluoromethane	10	BDL	BDL	BDL	
1,1-Dichloroethylene	10	BDL	BDL	BDL	
Methylene chloride	10	BDL	BDL	BDL	
t-1,2-Dichloroethylene	10	BDL	BDL	BDL	
1,1-Dichloroethane	10	BDL	BDL	BDL	
2,2-Dichloropropane	10	BDL	BDL	BDL	
cis-1,2-Dichloroethylene	10	BDL	BDL	BDL	
Chloroform	10	BDL	BDL	BDL	
Bromochloromethane	10	BDL	BDL	BDL	
1,1,1-Trichloroethane	10	BDL	BDL	BDL	
1,1-Dichloropropylene	10	BDL	BDL	BDL	
Carbon tetrachloride	10	BDL	BDL	BDL	
Benzene	10	BDL	BDL	BDL	
1,2-Dichloroethane	10	BDL	BDL	BDL	
Trichloroethylene	10	BDL	BDL	BDL	
1,2-Dichloropropane	10	BDL	BDL	BDL	
Bromodichloromethane	10	BDL	BDL	BDL	
Dibromomethane	10	BDL	BDL	BDL	
cis-1,3-Dichloropropylene	10	BDL	BDL	BDL	
Toluene	10	BDL	BDL	BDL	
t-1,3-Dichloropropylene	10	BDL	BDL	BDL	
1,1,2-Trichloroethane	10	BDL	BDL	BDL	
Tetrachloroethylene	10	BDL	BDL	BDL	
1,3-Dichloropropane	10	BDL	BDL	BDL	
Dibromochloromethane	10	BDL	BDL	BDL	
1,2-Dibromoethane (EDB)	10	BDL	BDL	BDL	
Chlorobenzene	10	BDL	BDL	BDL	
Ethylbenzene	10	BDL	BDL	BDL	
1,1,1,2-Tetrachloroethane	10	BDL	BDL	BDL	
p/m-Xylene	10	BDL	BDL	BDL	
o-Xylene	10	BDL	BDL	BDL	

NOTE: These samples were collected in sodium bisulfate and analyzed in accordance with EPA 5035.

MDL= Minimum Detectable Level **BDL=** Below Detection Level **Units=** ug/kg**Matrix Type: W=** Water/Aqueous **S=** Soil/Solid **O=** Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547/ MA-CT035

Client Name : **Shanahan Consulting**
 CTL Lab No.: 0602438
 Job/PO No. : 02-29
 Report Date : 7/15/02

Date Analyzed: 7/11-7/12/02
 Analyst: SR

EPA METHOD 8260B GC/MS

Date Samples Rec'd: 6/28/02

Matrix Type	S	S	S
CTL Sample #:	10379	10385	10386
Field ID :	T2-S6	T3-S6	DW1

Results of Analysis

Parameters	MDL				
Styrene	10	BDL	BDL	BDL	
Bromoform	10	BDL	BDL	BDL	
Isopropylbenzene	10	BDL	BDL	BDL	
1,1,2,2-Tetrachloroethane	10	BDL	BDL	BDL	
Bromobenzene	10	BDL	BDL	BDL	
1,2,3-Trichloropropane	10	BDL	BDL	BDL	
n-Propylbenzene	10	BDL	BDL	BDL	
2-Chlorotoluene	10	BDL	BDL	BDL	
1,3,5-Trimethylbenzene	10	BDL	BDL	BDL	
4-Chlorotoluene	10	BDL	BDL	BDL	
tert-Butylbenzene	10	BDL	BDL	BDL	
1,2,4-Trimethylbenzene	10	BDL	BDL	BDL	
sec-Butylbenzene	10	BDL	BDL	BDL	
p-Isopropyltoluene	10	BDL	BDL	BDL	
1,3-Dichlorobenzene	10	BDL	BDL	BDL	
1,4-Dichlorobenzene	10	BDL	BDL	BDL	
n-Butylbenzene	10	BDL	BDL	BDL	
1,2-Dichlorobenzene	10	BDL	BDL	BDL	
1,2-Dibromo-3-chloropropane	10	BDL	BDL	BDL	
1,2,4-Trichlorobenzene	10	BDL	BDL	BDL	
Hexachlorobutadiene	50	BDL	BDL	BDL	
Naphthalene	50	BDL	BDL	BDL	
1,2,3-Trichlorobenzene	10	BDL	BDL	BDL	
Methyl ethyl ketone	50	BDL	BDL	BDL	
Methyl butyl ketone	50	BDL	BDL	BDL	
Methyl isobutyl ketone	50	BDL	BDL	BDL	
MTBE	10	BDL	BDL	BDL	

NOTE: These samples were collected in sodium bisulfate and analyzed in accordance with EPA 5035.

MDL= Minimum Detectable Level BDL= Below Detection Level Units= ug/kg

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Client Name : **Shanahan Consulting**
 CTL Lab No.: 0602438
 Job/PO No. : 02-29
 Report Date : 7/15/02

Date Extracted: 7/02/02
 Date Analyzed: 7/12/02
 Analyst: YK

PAHs by EPA METHOD 8270C (GC/MS)

Date Samples Rec'd: 6/28/02

	**	*	**	
Matrix Type	S	S	S	S
CTL Sample #:	10379	10380	10385	10386
Field ID :	T2-S6	T3-S1	T3-S6	DW1

Results of Analysis

Parameters	MDL				
Naphthalene	10	BDL	23,121.0	BDL	BDL
Acenaphthylene	10	BDL	895.0	BDL	BDL
Acenaphthene	10	BDL	3,992.0	BDL	BDL
Fluorene	10	BDL	8,792.0	BDL	BDL
Phenanthrene	10	BDL	28,003.0	BDL	BDL
Anthracene	10	BDL	5,093.0	BDL	BDL
Fluoranthene	10	BDL	1,450.0	BDL	BDL
Pyrene	10	BDL	4,064.0	BDL	BDL
Benzo(a)anthracene	10	BDL	131.0	BDL	BDL
Chrysene	10	BDL	360.0	BDL	BDL
Benzo(b)fluoranthene	10	BDL	BDL	BDL	BDL
Benzo(k)fluoranthene	10	BDL	BDL	BDL	BDL
Benzo(a)pyrene	10	BDL	BDL	BDL	BDL
Indeno (1,2,3-cd)pyrene	50	BDL	BDL	BDL	BDL
Dibenzo(a,h)anthracene	50	BDL	BDL	BDL	BDL
Benzo(ghi)perylene	50	BDL	BDL	BDL	BDL
Benzo(j)fluoranthene	50	BDL	BDL	BDL	BDL
Dibenzo(a,h)acridine	50	BDL	BDL	BDL	BDL
Dibenzo(a,j)acridine	50	BDL	BDL	BDL	BDL
7H-Dibenzo(c,g)carbazole	50	BDL	884.0	BDL	BDL
3-Methylcholanthrene	50	BDL	BDL	BDL	BDL

*MDL= 10 times the level indicated. **MDL= 50 times the level indicated.

MDL= Minimum Detectable Level BDL= Below Detection Level Units= ppb

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Shanahan Consulting

36 PENFIELD PLACE, FARMINGTON, CONNECTICUT 06032
 TELEPHONE: (860) 677-2674 FAX: (860) 677-4377

CHAIN OF CUSTODY

PROJECT NUMBER 02-29
 PROJECT NAME East Haddam
 COLLECTED BY Ned Shanahan

PAGE 1 OF 1
 LAB # 0602438

REMARKS:

SAMPLE REMARKS

ANALYSES REQUESTED

8260+MTBE
 ETPH
 8 RECA Metals - mass analysis
 8 RECA Metals - SPLP
 PCBs
 PATHs
 8021-Aromatics + MTBE

SAMPLE	DATE	TIME	SAMPLE MATRIX	TYPE OF CONTAINER	# OF CONT.	PRESERVED
T2-S6	6-28-02		Soil	Jar/Vials	1/2	*
T3-S1						↓
T3-S2				Jar	1	Chilled
T3-S3						↓
T3-S4						↓
T3-S5						↓
T3-S6				Jar/Vials	1/2	*
DW1						↓

RELINQUISHED BY	DATE	TIME	RECEIVED BY
<i>Modha</i>	6-28-02	2:13 PM	<i>S. Andersen</i>

REQUESTED TURNAROUND: * Vials preserved via Method 5035, All containers chilled.
 BEST AVAILABLE TIME
 PRIORITY _____

September 03, 2002

Shanahan Consulting
36 Penfield Place
Farmington, CT 06032
Attn: Ned Shanahan


Please find attached laboratory report(s) for the samples submitted on:
August 12, 2002.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No. : 0802150
PO/Job No. : 02-29
Invoice No. : 119939
Customer No. : 691

Please contact us if you have any questions.

Very truly yours,


Stephen J. Franco
Laboratory Director
PH-0547



STEPHEN J. FRANCO
Laboratory Director
PHONE 203/634-3731

www.ctl-web.com / ctestlab@erols.com

165 GRACEY AVENUE MERIDEN, CT 06451

Date Samples Received : 8/12/02

Client Name : Shanahan Consulting	Date Extracted: 8/26/02
CTL Lab No.: 0802150	Date Analyzed: 8/26/02
Job/PO No. : 02-29	Analyst: MP
Report. Date: 8/27/02	

RESULTS OF ANALYSIS

Matrix Type: **S**

CT ETPH-mg/kg

Field ID	CTL #	MDL			
PE1	13225	25	BDL		
PE2	13226	25	BDL		
PE3	13227	25	BDL		
PE4	13228	25	BDL		
PE5	13229	25	BDL		

MDL= Minimum Detectable Level / BDL= Below Detection Level

Matrix Type: **W**= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Client Name : Shanahan Consulting	Date Extracted: 8/12/02
CTL Lab No.: 0802150	Date Analyzed: 8/15/02
Job/PO No. : 02-29	Analyst: SR
Report Date : 8/28/02	

EPA METHOD 5035/8021B

Date Samples Rec'd: 8/12/02

Matrix Type:	S	S	S	S
CTL Sample #:	13225	13226	13227	13228
Field ID :	PE1	PE2	PE3	PE4

Results of Analysis

Parameters	MDL				
Benzene	20	BDL	BDL	BDL	BDL
Toluene	25	BDL	BDL	BDL	BDL
Chlorobenzene	25	BDL	BDL	BDL	BDL
Ethyl Benzene	25	BDL	BDL	BDL	BDL
p/m-Xylene	25	BDL	BDL	BDL	BDL
o-Xylene	25	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	25	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	25	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	25	BDL	BDL	BDL	BDL
MTBE	50	BDL	BDL	BDL	BDL

Note: The above samples were collected in sodium bisulfate in the field and analyzed in accordance with EPA Method 5035.

MDL= Minimum Detectable Level **BDL**= Below Detection Level **Units**= ug/kg

Matrix Type: **W**= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Client Name : **Shanahan Consulting**
 CTL Lab No.: 0802150
 Job/PO No. : 02-29
 Report Date : 8/28/02

Date Extracted: 8/12/02
 Date Analyzed: 8/15/02
 Analyst: SR

EPA METHOD 5035/8021B

Date Samples Rec'd: 8/12/02

Matrix Type: **S**
 CTL Sample #: **13229**
 Field ID : **PE5**

Results of Analysis

Parameters	MDL				
Benzene	20	BDL			
Toluene	25	BDL			
Chlorobenzene	25	BDL			
Ethyl Benzene	25	BDL			
p/m-Xylene	25	BDL			
o-Xylene	25	BDL			
1,4-Dichlorobenzene	25	BDL			
1,3-Dichlorobenzene	25	BDL			
1,2-Dichlorobenzene	25	BDL			
MTBE	50	BDL			

Note: The above samples were collected in sodium bisulfate in the field and analyzed in accordance with EPA Method 5035.

MDL= Minimum Detectable Level **BDL**= Below Detection Level **Units**= ug/kg

Matrix Type: **W**= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Date Samples Received : 8/13/02

Client Name : Shanahan Consulting	CTL Lab No. : 0802159
Report Date : 8/28/02	PO/ Job No. : 02-29

RESULTS OF ANALYSIS

EPA Method 3050B

Matrix Type: S

Field ID	Arsenic-mg/kg		Lead-mg/kg	
	CTL #			
PE6	13246	14.4		5.0
PE7	13247	10.7		150
PE8	13248	6.6		4.0
PE9	13249	4.8		3.0
PE10	13250	5.0		BDL
PE11	13251	6.0		3.0
PE12	13252	5.7		5.0

NOTE: Minimum detectable Limits (MDL) are as follows: Arsenic = 1.0-mg/kg and Lead = 0.5-mg/kg.

MDL= Minimum Detectable Level / **BDL**= Below Detection Level

Matrix Type: **W**= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Date Samples Received : 8/13/02

Client Name : Shanahan Consulting	Date Extracted: 8/27/02
CTL Lab No.: 0802159	Date Analyzed: 8/27/02
Job/PO No. : 02-29	Analyst: MP
Report. Date: 8/28/02	

RESULTS OF ANALYSIS

Matrix Type: S

Field ID	CTL #	MDL	CT ETPH-mg/kg			
PE6	13246	25	BDL			
PE7	13247	25	BDL			
PE8	13248	25	BDL			
PE9	13249	25	BDL			
PE10	13250	25	BDL			
PE11	13251	25	BDL			
PE12	13252	25	BDL			

MDL= Minimum Detectable Level / BDL= Below Detection Level

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Client Name : Shanahan Consulting	Date Extracted: 8/13/02
CTL Lab No.: 0802159	Date Analyzed: 8/15/02
Job/PO No. : 02-29	Analyst: SL
Report Date : 8/28/02	

EPA METHOD 5035/8021B

Date Samples Rec'd: 8/13/02

Matrix Type:	S	S	S	S
CTL Sample #:	13246	13247	13248	13249
Field ID :	PE6	PE7	PE8	PE9

Results of Analysis

Parameters	MDL				
Benzene	20	BDL	BDL	BDL	BDL
Toluene	25	BDL	BDL	BDL	BDL
Chlorobenzene	25	BDL	BDL	BDL	BDL
Ethyl Benzene	25	BDL	BDL	BDL	BDL
p/m-Xylene	25	BDL	BDL	BDL	BDL
o-Xylene	25	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	25	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	25	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	25	BDL	BDL	BDL	BDL
MTBE	50	BDL	BDL	BDL	BDL

Note: The above samples were collected in sodium bisulfate in the field and analyzed in accordance with EPA Method 5035.

MDL= Minimum Detectable Level **BDL**= Below Detection Level **Units**= ug/kg

Matrix Type: **W**= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Client Name : Shanahan Consulting	Date Extracted: 8/13/02
CTL Lab No.: 0802159	Date Analyzed: 8/15/02
Job/PO No. : 02-29	Analyst: SL
Report Date : 8/28/02	

EPA METHOD 5035/8021B

Date Samples Rec'd: 8/13/02

Matrix Type:	S	S	S
CTL Sample #:	13250	13251	13252
Field ID :	PE10	PE11	PE12

Results of Analysis

Parameters	MDL				
Benzene	20	BDL	BDL	BDL	
Toluene	25	BDL	BDL	BDL	
Chlorobenzene	25	BDL	BDL	BDL	
Ethyl Benzene	25	BDL	BDL	BDL	
p/m-Xylene	25	BDL	BDL	BDL	
o-Xylene	25	BDL	BDL	BDL	
1,4-Dichlorobenzene	25	BDL	BDL	BDL	
1,3-Dichlorobenzene	25	BDL	BDL	BDL	
1,2-Dichlorobenzene	25	BDL	BDL	BDL	
MTBE	50	BDL	BDL	BDL	

Note: The above samples were collected in sodium bisulfate in the field and analyzed in accordance with EPA Method 5035.

MDL= Minimum Detectable Level **BDL**= Below Detection Level **Units**= ug/kg

Matrix Type: **W**= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

July 19, 2004

Shanahan Consulting
36 Penfield Place
Farmington, CT 06032
Attn: Ned Shanahan


Please find attached laboratory report(s) for the samples submitted on:
July 09, 2004.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No. : 0704130
PO/Job No. : 04-17
Invoice No. : 131186
Customer No. : 691

Please contact us if you have any questions.

Very truly yours,


Stephen J. Franco
Laboratory Director
PH-0547



STEPHEN J. FRANCO
Laboratory Director
PHONE ■ 203/634-3731
www.ctl-web.com / ctestlab@erols.com
165 GRACEY AVENUE ■ MERIDEN, CT ■ 06451

Date Samples Received: 7/09/04

Client Name : Shanahan Consulting	CTL Lab No. : 0704130
Report Date : 7/19/04	PO/ Job No. : 04-17

RESULTS OF ANALYSIS

Mass Analysis EPA 3050B

Matrix Type: S

Field ID	CTL #	MDL	Arsenic -mg/kg			
PPE1	12296	1.0	5.4			
PPE2	12297	1.0	10.7			
PPE3	12298	1.0	4.5			
PPE4	12299	1.0	6.1			
PPE5	12300	1.0	10.1			
PPE6	12301	1.0	11.6			

Matrix Type: S

Field ID	CTL #	MDL	CT ETPH -mg/kg			
PPE1	12296	25	BDL			
PPE2	12297	25	BDL			
PPE3	12298	25	BDL			
PPE4	12299	25	BDL			
PPE5	12300	25	BDL			
PPE6	12301	25	BDL			

MDL= Minimum Detectable Level / BDL= Below Detection Level

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Date Samples Received: 7/09/04

Client Name : **Shanahan Consulting**

CTL Lab No. : 0704130

Report Date : 7/19/04

PO/ Job No. : 04-17

RESULTS OF ANALYSIS**Mass Analysis EPA 3050B**Matrix Type: **S**

Field ID	CTL #	MDL	Lead			
			-mg/kg			
PPE1	12296	0.5	1.3			
PPE2	12297	0.5	3.1			
PPE3	12298	0.5	1.4			
PPE4	12299	0.5	1.8			
PPE5	12300	0.5	2.8			
PPE6	12301	0.5	2.7			
BR1	12302	0.5	28.6			
BR2	12303	0.5	271			
BR3	12304	0.5	79.3			
BR4	12305	0.5	59.3			
BR5	12306	0.5	75.4			
BR6	12307	0.5	137			
BR7	12308	0.5	79.2			
BR8	12309	0.5	48.5			
BR9	12310	0.5	3.4			
BR10	12311	0.5	5.8			
BR11	12312	0.5	5.5			

MDL= Minimum Detectable Level / BDL= Below Detection Level

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Date Samples Received: 7/09/04

Client Name : **Shanahan Consulting**
Report Date : 7/19/04CTL Lab No. : 0704130
PO/ Job No. : 04-17**RESULTS OF ANALYSIS****Mass Analysis EPA 3050B**

Matrix Type: S

Field ID	CTL #	MDL	Mercury -mg/kg			
BR1	12302	0.02	0.07			
BR2	12303	0.02	1.77			
BR3	12304	0.02	0.38			
BR4	12305	0.02	0.23			
BR5	12306	0.02	0.25			
BR6	12307	0.02	0.47			
BR7	12308	0.02	0.23			
BR8	12309	0.02	0.13			
BR9	12310	0.02	BDL			
BR10	12311	0.02	0.06			
BR11	12312	0.02	0.09			

SPLP EPA 1312

Matrix Type: S

Field ID	CTL #	Chromium, Total-mg/L	Lead -mg/L	Mercury -mg/L		
BR1	12302	BDL	0.006	BDL		
BR2	12303	BDL	0.013	BDL		
BR3	12304	BDL	0.005	BDL		
BR4	12305	BDL	0.006	BDL		
BR5	12306	BDL	0.013	BDL		
BR6	12307	BDL	0.011	BDL		
BR7	12308	BDL	BDL	BDL		
BR8	12309	BDL	0.006	BDL		
BR9	12310	BDL	BDL	BDL		
BR10	12311	BDL	BDL	BDL		
BR11	12312	BDL	BDL	BDL		

Note: The following MDLs were used: SPLP Chromium= 0.05 mg/L; SPLP Lead = 0.005 mg/L and SPLP Mercury= 0.002 mg/L.

MDL= Minimum Detectable Level / BDL= Below Detection Level

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547/ MA-CT035

Client Name : Shanahan Consulting	Date Extracted: 7/09/04
CTL Lab No.: 0704130	Date Analyzed: 7/17/04
Job/PO No. : 04-17	Analyst: SR
Report Date : 7/19/04	

EPA METHOD 5035 / 8021B

Date Samples Rec'd: 7/09/04

Matrix Type:	S	S	S	S
CTL Sample #:	12296	12297	12298	12299
Field ID :	PPE1	PPE2	PPE3	PPE4

Results of Analysis

Parameters	MDL				
Benzene	20	BDL	BDL	BDL	BDL
Toluene	25	BDL	BDL	BDL	BDL
Chlorobenzene	25	BDL	BDL	BDL	BDL
Ethyl Benzene	25	BDL	BDL	BDL	BDL
p/m-Xylene	25	BDL	BDL	BDL	BDL
o-Xylene	25	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	25	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	25	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	25	BDL	BDL	BDL	BDL
MTBE	50	BDL	BDL	BDL	BDL

NOTE: These samples were collected in sodium bisulfate and analyzed in accordance with EPA Method 5035.

MDL= Minimum Detectable Level **BDL=** Below Detection Level **Units=** ug/kg

Matrix Type: **W=** Water/Aqueous **S=** Soil/Solid **O=** Oil/Hydrocarbon

Shanahan Consulting

36 PENFIELD PLACE, FARMINGTON, CONNECTICUT 06032-2200
 TELEPHONE: (860) 677-2674 FAX: (860) 677-4377

CHAIN OF CUSTODY

PROJECT NUMBER 04-17
 PROJECT NAME EAST HADDAM
 COLLECTED BY NED SHANAHAN

LAB# 070413D

REMARKS:

See Quotation HGSC101303 for rates.

Method 8021B - aromatics + MTBE
 ETPH
 Arsenic-mass analysis
 Lead-mass analysis
 Mercury-mass analysis
 SPB Cr, Pb, Hg

SAMPLE	DATE	TIME	SAMPLE MATRIX	TYPE OF CONTAINER	# OF CONT.	PRESERVED	ANALYSES REQUESTED				SAMPLE REMARKS	
							Method 8021B - aromatics + MTBE	ETPH	Arsenic-mass analysis	Lead-mass analysis		Mercury-mass analysis
PPE1	7-9-04		Soil	Jar/Vial	1/2	see below	✓	✓	✓	✓		
PPE2							✓	✓	✓	✓		
PPE3							✓	✓	✓	✓		
PPE4							✓	✓	✓	✓		
PPE5							✓	✓	✓	✓		
PPE6							✓	✓	✓	✓		
BR1				Jar			✓	✓	✓	✓		
BR2							✓	✓	✓	✓		
BR3							✓	✓	✓	✓		
BR4							✓	✓	✓	✓		
BR5							✓	✓	✓	✓		
BR6							✓	✓	✓	✓		
BR7							✓	✓	✓	✓		
BR8							✓	✓	✓	✓		

REQUESTED TURNAROUND:

BEST AVAILABLE TIME
 PRIORITY _____

SAMPLE PRESERVATION REMARKS:

All containers chilled. Soil samples collected for VOC analysis preserved via Method 5035.

RELINQUISHED BY

Ned Shanahan

DATE

7-9-04

TIME

4:13 PM

RECEIVED BY

May Carson

August 13, 2004

Shanahan Consulting
36 Penfield Place
Farmington, CT 06032

Attn: Ned Shanahan

Please find attached laboratory report(s) for the samples submitted on:
July 29, 2004.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No. : 0704544
PO/Job No. : 04-17
Invoice No. : 131707
Customer No. : 691

Please contact us if you have any questions.

Very truly yours,


Stephen J. Franco
Laboratory Director
PH-0547



STEPHEN J. FRANCO
Laboratory Director
PHONE ■ 203/634-3731

www.ctl-web.com / ctestlab@erols.com
165 GRACEY AVENUE ■ MERIDEN, CT ■ 06451

Date Samples Received: 7/29/04

Client Name : Shanahan Consulting	CTL Lab No. : 0704544
Report Date : 8/11/04	PO/ Job No. : 04-17

RESULTS OF ANALYSIS

Mass Analysis EPA 3050B

Matrix Type :	S	S
CTL Sample No.	14102	14103
Field ID :	W1	W2

Parameters	MDL		
Arsenic-mg/kg	1.0	11.2	6.5
Barium-mg/kg	5	568	55
Cadmium-mg/kg	0.5	0.6	0.6
Chromium, Total-mg/kg	0.5	55.9	29.2
Lead-mg/kg	0.5	150	230
Mercury-mg/kg	0.02	1.02	0.07
Selenium-mg/kg	0.5	BDL	BDL
Silver-mg/kg	0.2	BDL	BDL

Matrix Type :	S	S
CTL Sample No.	14102	14103
Field ID :	W1	W2

Parameters	MDL			EPA Method No.
Reactive Cyanide-ppm	1.0	BDL	BDL	9010B
Reactive Sulfide-ppm	50	BDL	BDL	9030B
Total PCBs-ppm	1	BDL	BDL	8082

MDL= Minimum Detectable Level **BDL=** Below Detection Level

Matrix Types: W = Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Date Samples Received: 7/29/04

Client Name : Shanahan Consulting	CTL Lab No. : 0704544
Report Date : 8/11/04	PO/ Job No. : 04-17

RESULTS OF ANALYSIS

TCLP EPA 1311

Matrix Type :	S	S
CTL Sample No.	14102	14103
Field ID :	W1	W2

Parameters	MDL				
Arsenic-mg/L	0.05	BDL	BDL		
Barium-mg/L	0.1	1.8	0.4		
Cadmium-mg/L	0.005	BDL	BDL		
Chromium, Total-mg/L	0.05	BDL	BDL		
Lead-mg/L	0.005	0.036	0.502		
Mercury-mg/L	0.002	BDL	BDL		
Selenium-mg/L	0.01	BDL	BDL		
Silver-mg/L	0.01	BDL	BDL		

CT ETPH Total PCBs
-mg/kg -ppm

Field ID	CTL #	MDL				
W1	14102	25	BDL	-----		
W2	14103	25	BDL	-----		
PPPE4	14104	25	BDL	BDL		
PPPE5	14105	25	BDL	BDL		
PPPE6	14106	25	BDL	BDL		
PPPE7	14107	25	BDL	BDL		

MDL= Minimum Detectable Level **BDL=** Below Detection Level

Matrix Types: W = Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
165 Gracey Avenue / Meriden, CT 06451
(203) 634-3731 (Fax) 630-1336
Certification CT-PH0547/ MA-CT035

Date Samples Received: 7/29/04

Client Name : Shanahan Consulting	CTL Lab No. : 0704544
Report Date : 8/11/04	PO/ Job No. : 04-17

RESULTS OF ANALYSIS

Mass Analysis EPA 3050B

Matrix Type: **S**

Field ID	CTL #	Total Arsenic -mg/kg	Total Lead - mg/kg		
PPPE1	14099	13.9	-----		
PPPE2	14100	11.0	-----		
PPPE3	14101	4.3	-----		
PPPE4	14104	8.0	244		
PPPE5	14105	10.4	3.0		
PPPE6	14106	8.4	12		
PPPE7	14107	17.0	5		

Note: The Minimum Detectable Limits (MDLs) are as follows; Total Arsenic=1.0-mg/kg & Total Lead=0.5-mg/kg

SPLP EPA 1312

Matrix Type: **S**

Field ID	CTL #	MDL	Lead-mg/L		
PPPE4	14104	0.005	BDL		
PPPE5	14105	0.005	BDL		
PPPE6	14106	0.005	BDL		
PPPE7	14107	0.005	BDL		

MDL= Minimum Detectable Level / BDL= Below Detection Level

Matrix Type: **W**= Water/Aqueous **S**= Soil/Solid **O**= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Client Name : **Shanahan Consulting**
 CTL Lab No.: 0704544
 Job/PO No. : 04-17
 Report Date : 8/11/04

Date Extracted: 7/29/04
 Date Analyzed: 8/05/04
 Analyst: YK

EPA METHOD 5035 / 8260B GC/MS

Date Samples Rec'd: 7/29/04

Matrix Type	S	S	S	S
CTL Sample #:	14102	14103	14104	14105
Field ID :	W1	W2	PPPE4	PPPE5

Results of Analysis

Parameters	MDL				
Dichlorodifluoromethane	10	BDL	BDL	BDL	BDL
Chloromethane	10	BDL	BDL	BDL	BDL
Vinyl chloride	10	BDL	BDL	BDL	BDL
Chloroethane	10	BDL	BDL	BDL	BDL
Bromomethane	10	BDL	BDL	BDL	BDL
Trichlorofluoromethane	10	BDL	BDL	BDL	BDL
1,1-Dichloroethylene	10	BDL	BDL	BDL	BDL
Methylene chloride	10	BDL	BDL	BDL	BDL
t-1,2-Dichloroethylene	10	BDL	BDL	BDL	BDL
1,1-Dichloroethane	10	BDL	BDL	BDL	BDL
2,2-Dichloropropane	10	BDL	BDL	BDL	BDL
cis-1,2-Dichloroethylene	10	BDL	BDL	BDL	BDL
Chloroform	10	BDL	BDL	BDL	BDL
Bromochloromethane	10	BDL	BDL	BDL	BDL
1,1,1-Trichloroethane	10	BDL	BDL	BDL	BDL
1,1-Dichloropropylene	10	BDL	BDL	BDL	BDL
Carbon tetrachloride	10	BDL	BDL	BDL	BDL
Benzene	10	BDL	BDL	BDL	BDL
1,2-Dichloroethane	10	BDL	BDL	BDL	BDL
Trichloroethylene	10	BDL	BDL	BDL	BDL
1,2-Dichloropropane	10	BDL	BDL	BDL	BDL
Bromodichloromethane	10	BDL	BDL	BDL	BDL
Dibromomethane	10	BDL	BDL	BDL	BDL
cis-1,3-Dichloropropylene	10	BDL	BDL	BDL	BDL
Toluene	10	BDL	BDL	BDL	BDL
t-1,3-Dichloropropylene	10	BDL	BDL	BDL	BDL
1,1,2-Trichloroethane	10	BDL	BDL	BDL	BDL
Tetrachloroethylene	10	BDL	BDL	BDL	BDL
1,3-Dichloropropane	10	BDL	BDL	BDL	BDL
Dibromochloromethane	10	BDL	BDL	BDL	BDL
1,2-Dibromoethane (EDB)	10	BDL	BDL	BDL	BDL
Chlorobenzene	10	BDL	BDL	BDL	BDL
Ethylbenzene	10	BDL	BDL	BDL	BDL
1,1,1,2-Tetrachloroethane	10	BDL	BDL	BDL	BDL
p/m-Xylene	10	BDL	BDL	BDL	BDL
o-Xylene	10	BDL	BDL	BDL	BDL

NOTE: These samples were collected in sodium bisulfate and analyzed in accordance with EPA Method 5035.

MDL= Minimum Detectable Level **BDL=** Below Detection Level **Units=** ug/kg

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Client Name : **Shanahan Consulting**
 CTL Lab No.: 0704544
 Job/PO No. : 04-17
 Report Date : 8/11/04

Date Extracted: 7/29/04
 Date Analyzed: 8/05/04
 Analyst: YK

EPA METHOD 5035 / 8260B GC/MS

Date Samples Rec'd: 7/29/04

Matrix Type	S	S	S	S
CTL Sample #:	14102	14103	14104	14105
Field ID :	W1	W2	PPPE4	PPPE5

Results of Analysis

Parameters	MDL				
Styrene	10	BDL	BDL	BDL	BDL
Bromoform	10	BDL	BDL	BDL	BDL
Isopropylbenzene	10	BDL	BDL	BDL	BDL
1,1,2,2-Tetrachloroethane	10	BDL	BDL	BDL	BDL
Bromobenzene	10	BDL	BDL	BDL	BDL
1,2,3-Trichloropropane	10	BDL	BDL	BDL	BDL
n-Propylbenzene	10	BDL	BDL	BDL	BDL
2-Chlorotoluene	10	BDL	BDL	BDL	BDL
1,3,5-Trimethylbenzene	10	BDL	BDL	BDL	BDL
4-Chlorotoluene	10	BDL	BDL	BDL	BDL
tert-Butylbenzene	10	BDL	BDL	BDL	BDL
1,2,4-Trimethylbenzene	10	BDL	BDL	BDL	BDL
sec-Butylbenzene	10	BDL	BDL	BDL	BDL
p-Isopropyltoluene	10	BDL	BDL	BDL	BDL
1,3-Dichlorobenzene	10	BDL	BDL	BDL	BDL
1,4-Dichlorobenzene	10	BDL	BDL	BDL	BDL
n-Butylbenzene	10	BDL	BDL	BDL	BDL
1,2-Dichlorobenzene	10	BDL	BDL	BDL	BDL
1,2-Dibromo-3-chloropropane	10	BDL	BDL	BDL	BDL
1,2,4-Trichlorobenzene	10	BDL	BDL	BDL	BDL
Hexachlorobutadiene	50	BDL	BDL	BDL	BDL
Naphthalene	50	BDL	BDL	BDL	BDL
1,2,3-Trichlorobenzene	10	BDL	BDL	BDL	BDL
Methyl ethyl ketone	50	BDL	BDL	BDL	BDL
Methyl butyl ketone	50	BDL	BDL	BDL	BDL
Methyl isobutyl ketone	50	BDL	BDL	BDL	BDL
MTBE	10	BDL	BDL	BDL	BDL

NOTE: These samples were collected in sodium bisulfate and analyzed in accordance with EPA Method 5035.

MDL= Minimum Detectable Level **BDL=** Below Detection Level **Units=** ug/kg

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Client Name : **Shanahan Consulting**
 CTL Lab No.: 0704544
 Job/PO No. : 04-17
 Report Date : 8/11/04

Date Extracted: 7/29/04
 Date Analyzed: 8/05/04
 Analyst: YK

EPA METHOD 5035 / 8260B GC/MS

Date Samples Rec'd: 7/29/04

Matrix Type	S	S
CTL Sample #:	14106	14107
Field ID :	PPPE6	PPPE7

Results of Analysis

Parameters	MDL			
Dichlorodifluoromethane	10	BDL	BDL	
Chloromethane	10	BDL	BDL	
Vinyl chloride	10	BDL	BDL	
Chloroethane	10	BDL	BDL	
Bromomethane	10	BDL	BDL	
Trichlorofluoromethane	10	BDL	BDL	
1,1-Dichloroethylene	10	BDL	BDL	
Methylene chloride	10	BDL	BDL	
t-1,2-Dichloroethylene	10	BDL	BDL	
1,1-Dichloroethane	10	BDL	BDL	
2,2-Dichloropropane	10	BDL	BDL	
cis-1,2-Dichloroethylene	10	BDL	BDL	
Chloroform	10	BDL	BDL	
Bromochloromethane	10	BDL	BDL	
1,1,1-Trichloroethane	10	BDL	BDL	
1,1-Dichloropropylene	10	BDL	BDL	
Carbon tetrachloride	10	BDL	BDL	
Benzene	10	BDL	BDL	
1,2-Dichloroethane	10	BDL	BDL	
Trichloroethylene	10	BDL	BDL	
1,2-Dichloropropane	10	BDL	BDL	
Bromodichloromethane	10	BDL	BDL	
Dibromomethane	10	BDL	BDL	
cis-1,3-Dichloropropylene	10	BDL	BDL	
Toluene	10	BDL	BDL	
t-1,3-Dichloropropylene	10	BDL	BDL	
1,1,2-Trichloroethane	10	BDL	BDL	
Tetrachloroethylene	10	BDL	BDL	
1,3-Dichloropropane	10	BDL	BDL	
Dibromochloromethane	10	BDL	BDL	
1,2-Dibromoethane (EDB)	10	BDL	BDL	
Chlorobenzene	10	BDL	BDL	
Ethylbenzene	10	BDL	BDL	
1,1,1,2-Tetrachloroethane	10	BDL	BDL	
p/m-Xylene	10	BDL	BDL	
o-Xylene	10	BDL	BDL	

NOTE: These samples were collected in sodium bisulfate and analyzed in accordance with EPA Method 5035.

MDL= Minimum Detectable Level **BDL=** Below Detection Level **Units=** ug/kg

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Client Name : **Shanahan Consulting**
 CTL Lab No.: 0704544
 Job/PO No. : 04-17
 Report Date : 8/11/04

Date Extracted: 7/29/04
 Date Analyzed: 8/05/04
 Analyst: YK

EPA METHOD 5035 / 8260B GC/MS

Date Samples Rec'd: 7/29/04

Matrix Type
 CTL Sample #:
 Field ID :

S
 14106
 PPPE6

S
 14107
 PPPE7

Results of Analysis

Parameters	MDL				
Styrene	10	BDL	BDL		
Bromoform	10	BDL	BDL		
Isopropylbenzene	10	BDL	BDL		
1,1,2,2-Tetrachloroethane	10	BDL	BDL		
Bromobenzene	10	BDL	BDL		
1,2,3-Trichloropropane	10	BDL	BDL		
n-Propylbenzene	10	BDL	BDL		
2-Chlorotoluene	10	BDL	BDL		
1,3,5-Trimethylbenzene	10	BDL	BDL		
4-Chlorotoluene	10	BDL	BDL		
tert-Butylbenzene	10	BDL	BDL		
1,2,4-Trimethylbenzene	10	BDL	BDL		
sec-Butylbenzene	10	BDL	BDL		
p-Isopropyltoluene	10	BDL	BDL		
1,3-Dichlorobenzene	10	BDL	BDL		
1,4-Dichlorobenzene	10	BDL	BDL		
n-Butylbenzene	10	BDL	BDL		
1,2-Dichlorobenzene	10	BDL	BDL		
1,2-Dibromo-3-chloropropane	10	BDL	BDL		
1,2,4-Trichlorobenzene	10	BDL	BDL		
Hexachlorobutadiene	50	BDL	BDL		
Naphthalene	50	BDL	BDL		
1,2,3-Trichlorobenzene	10	BDL	BDL		
Methyl ethyl ketone	50	BDL	BDL		
Methyl butyl ketone	50	BDL	BDL		
Methyl isobutyl ketone	50	BDL	BDL		
MTBE	10	BDL	BDL		

NOTE: These samples were collected in sodium bisulfate and analyzed in accordance with EPA Method 5035.

MDL= Minimum Detectable Level **BDL**= Below Detection Level **Units**= ug/kg

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

Connecticut Testing Laboratories, Inc.
 165 Gracey Avenue / Meriden, CT 06451
 (203) 634-3731 (Fax) 630-1336
 Certification CT-PH0547/ MA-CT035

Call Ned w/ \$ By 7/30 8P \$

Shanahan Consulting

36 PENFIELD PLACE, FARMINGTON, CONNECTICUT 06032-2200
 TELEPHONE: (860) 677-2674 FAX: (860) 677-4377

CHAIN OF CUSTODY

PROJECT NUMBER 04-17
 PROJECT NAME EAST HADDAM
 COLLECTED BY NED SHANAHAN

PAGE 1 OF 1
 LAB# 0704544

REMARKS:
 See Quotation HGSC101303 for rates.

100

Asst. - mass analysis
 BPCA metab. - TCLP +
 Bleaf + MBE
 PCBs
 8270
 EPH
 Reactive cyanide + sulfide
 Lead - mass analysis +
 SPLP

SAMPLE	DATE	TIME	SAMPLE MATRIX	TYPE OF CONTAINER	# OF CONT.	PRESERVED	ANALYSES REQUESTED	SAMPLE REMARKS
PPPE1	7-29-04		Soil	Jar	1	see below		14099
PPPE2	↓		↓	↓	↓	↓		100
PPPE3	↓		↓	↓	↓	↓		101
W1	7-29-04		Soil	Jar/Vial	1/2	see below		14102
W2	↓		↓	↓	↓	↓		103
PPPE4	7-29-04		Soil	Jar/Vial	1/2	see below		14104
PPPE5	↓		↓	↓	↓	↓		105
PPPE6	↓		↓	↓	↓	↓		106
PPPE7	↓		↓	↓	↓	↓		107

REQUESTED TURNAROUND:	RELINQUISHED BY	DATE	TIME	RECEIVED BY
BEST AVAILABLE TIME ✓	Ned Shanahan	7-29-04		SK
PRIORITY	Taylor			Shanahan

SAMPLE PRESERVATION REMARKS:
 All containers chilled. Soil samples collected for VOC analysis preserved via Method 5035.

September 08, 2004

Shanahan Consulting
36 Penfield Place
Farmington, CT 06032
Attn: Mr. Ned Shanahan


Please find attached laboratory report(s) for the samples submitted on:
August 31, 2004.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No. : 0804484
PO/Job No. : 04-17
Invoice No. : 132146
Customer No. : 691

Please contact us if you have any questions.

Very truly yours,


Stephen J. Franco
Laboratory Director
PH-0547



STEPHEN J. FRANCO
Laboratory Director
PHONE ■ 203/634-3731
www.ctl-web.com / ctestlab@erols.com
165 GRACEY AVENUE ■ MERIDEN, CT ■ 06451

Date Samples Received: 8/31/04

Client Name : Shanahan Consulting	CTL Lab No. : 0804484
Report Date : 9/07/04	PO/ Job No. : 04-17

RESULTS OF ANALYSIS

Mass Analysis EPA Method 3050B

Matrix Type :	S	S	S	S
CTL Sample No.:	15934	15935	15936	15937
Field ID :	4PE1	4PE2	4PE3	4PE4

Parameters	MDL				
Total Arsenic-mg/kg	1.0	4.9	9.5	4.8	24.2

MDL= Minimum Detectable Level / BDL= Below Detection Level

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

September 13, 2004

Shanahan Consulting
36 Penfield Place
Farmington, CT 06032

Attn: Mr. Ned Shanahan


Please find attached laboratory report(s) for the samples submitted on:
September 08, 2004.

All pertinent information for this analysis is located on the report. Should it be necessary to contact us regarding billing or the test results, please have the following information readily available:

Lab No. : 0804484
PO/Job No. : 04-17
Invoice No. : 132249
Customer No. : 691

Please contact us if you have any questions.

Very truly yours,


Stephen J. Franco
Laboratory Director
PH-0547



STEPHEN J. FRANCO
Laboratory Director
PHONE ■ 203/634-3731

www.ctl-web.com / ctestlab@erols.com
165 GRACEY AVENUE ■ MERIDEN, CT ■ 06451

Date Samples Received: 8/31/04
Date Samples Reactivated: 9/08/04

Client Name : Shanahan Consulting	CTL Lab No. : 0804484
Report Date : 9/13/04	PO/ Job No. : 04-17

RESULTS OF ANALYSIS

SPLP EPA 1312

Matrix Type : **S**
CTL Sample No.: **15937**
Field ID : **4PE4**

Parameters	MDL				
Arsenic-mg/L	0.05	BDL			

MDL= Minimum Detectable Level / **BDL**= Below Detection Level

Matrix Type: W= Water/Aqueous S= Soil/Solid O= Oil/Hydrocarbon

