218 LAKEVILLE ROAD ASSOCIATES

HICKSVILLE, NEW YORK

APPENDIX H

of the

On-site & Off-site Investigation Report

IMPERIAL CLEANERS SITE

218 LAKEVILLE ROAD

LAKE SUCCESS, NEW YORK

VOLUNTARY CLEANUP PROGRAM SITE NO. V-00244-1

April 2003

Prepared For:
Mr. Christopher Alonge
DEC DER Project Manager
New York State Department of
Environmental Conservation
625 Broadway, 11th Floor
Albany, New York 12233-7015

WALDEN ASSOCIATES, INC.

ENVIRONMENTAL CONSULTANTS
16 SPRING STREET
OYSTER BAY, NEW YORK 11771
(516) 624-7200, FAX (516) 624-3219
CONTACT: JOSEPH M. HEANEY III, PE

Appendix H

Off-site Soil VOC Analytical Data

November 2000

WALDEN ASSOCIATES, INC.

Analytical Data Package For

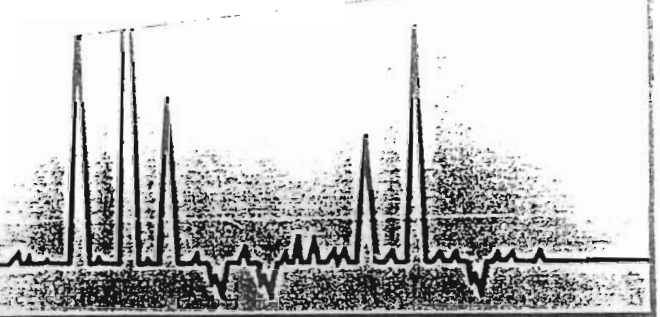
ANSON ENVIRONMENTAL
IMPERIAL CLEANERS
SDG NO: ANSON007

SOIL
B 14 — 7 Cans
B27 -

Soil Samples
Received: 11/10/00

SAMPLE DATA SUMMARY PACKAG

NOVEMBER 2000



H2M LABS, INC.
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, N.Y. 11747

H2M LABS, INC.

SAMPLE DATA SUMMARY PACKAGE

TABLE OF CONTENTS

ANSON ENVIRONMENTAL, LTD.
PROJECT NO.: 95085
PROJECT NAME: IMPERIAL CLEANERS
SAMPLES RECEIVED: 11/10/00
SDG NO.: ANSON007

1. NYS DEC SUMMARY FORMS

H2M LABS, INC.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY
ANSON ENVIRONMENTAL, LTD.
IMPERIAL CLEANERS
PROJET NO. 95085
SAMPLES RECEIVED: 11/10/00
SDG #: ANSON007

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS	*BNA GC/MS	*GC VOA	PCB	*METALS	OTHER TS
B14 19-21 FT	20001110-065	X					X
B14 24-26 FT	20001110-066	X					X
B16 19-21 FT	20001110-073	X					X
B17 19-21 FT	20001110-074	X					X
B17 24-26 FT	20001110-075	X					X
B22 14-15 FT	20001110-076	X					X
B22 19-21 FT	20001110-077	X					X
B22 24-26 FT	20001110-078	X					X
B23 14-16 FT	20001110-079	X					X
B23 19-21 FT	20001110-080	X					X
B23 24-26 FT	20001110-081	X					X
B26 14-16 FT	20001110-082	X					X
B26 19-21 FT	20001110-083	X					X
B26 24-26 FT	20001110-084	X					X
B27 14-16 FT	20001110-085	X					X
B27 19-21 FT	20001110-086	X					X

* Check Appropriate Boxes
* CLP/Non-CLP (Please indicate year of protocol) 10/95
* TCL/TAL, HCL, TS

Sample Analysis Summary

Sample ID	Matrix	Date Collected	Date Received	Level	Date Analyzed
B14 19-21'	soil	11/3/00	11/3/00	LOW	11/13/00
B14 24-26'	soil	11/3/00	11/3/00	LOW	11/13/00
B16 19-21'	soil	11/6/00	11/7/00	LOW	11/13/00
B17 19-21'	soil	11/7/00	11/7/00	LOW	11/13/00
B17 24-26'	soil	11/7/00	11/7/00	LOW	11/13/00
B22 14-15'	soil	11/8/00	11/9/00	LOW	11/13/00
B22 19-21'	soil	11/8/00	11/9/00	LOW	11/13/00
B22 24-26'	soil	11/8/00	11/9/00	LOW	11/13/00
B23 14-16'	soil	11/9/00	11/9/00	LOW	11/13/00
B23 19-21'	soil	11/9/00	11/9/00	LOW	11/13/00
B23 24-26'	soil	11/9/00	11/9/00	LOW	11/13/00
B26 14-16'	soil	11/9/00	11/9/00	LOW	11/13/00
B26 19-21'	soil	11/9/00	11/9/00	LOW	11/13/00
B26 24-26'	soil	11/9/00	11/9/00	LOW	11/13/00
B27 14-16'	soil	11/9/00	11/10/00	LOW	11/13/00
B27 19-21'	soil	11/9/00	11/10/00	LOW	11/16/00

2. CHAIN OF CUSTODY DOCUMENTATION

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4605

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON

H2M SDG NO: 007

PROJECT NAME/NUMBER
Imperial Cleaners
218 Lakeville Road
Lake Success, N.Y.

SAMPLERS: (signature)/Client Anson Environmental
Melissa DeBree

DELIVERABLES:
ASP CAT. B

TURNAROUND TIME:
Karen: Same as previous samples submitted
John Regis

NOTES:

Project Contact:

Phone Number:

EPA METHOD 8260 VOAs

DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/3/00	0850	Soil	B12 - 14-16	2							
11/3/00	0920	Soil	B12 - 19-21	2							
11/3/00	0935	Soil	B12 - 24-26	2							
11/3/00	1035	Soil	B13 14-16	2							
11/3/00	1055	Soil	B13 19-21	2							
11/3/00	1110	Soil	B13 24-26	2						20001110-065	
11/3/00	1200	Soil	B14 14-16	2						066	
11/3/00	1315	Soil	B14 19-21	2							
	1335	Soil	B14 24-26	2							
		~~Soil~~	~~B14 14-16~~ BX								

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Melissa DeBree	11/3/00	15:22		11/3/00	15:22
	11/10/00	1000		11/10/00	1000

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped ___ or Hand Delivered ___ Airbill# _____
2. Ambient or chilled
3. Received in good condition: Y or N
4. Properly preserved: Y or N
5. Samples returned to lab ___ Hrs from collection.

COC Tape was:
1. Present on outer package: Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

WHITE COPY - ORIGINAL YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4571

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENV. | H2M SDG NO: 007

PROJECT NAME/NUMBER: IMPERIAL CLEANERS/95085

SAMPLERS: (signature)/Client: John Tegas

DELIVERABLES: ASP CATEGORY B

TURNAROUND TIME:

NOTES:

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

EPA METHOD 8260

SAMPLES MAY HAVE HIGH CONCENTRATIONS

Sample Container Description: 40Z GLASS AMBER

ANALYSIS REQUESTED

2000 DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	ORGANIC: VOA	BNA	Pest/PCB	INORG.: Metal	CN	LAB I.D. NO.	REMARKS:
11/7	1120	SOIL	~~BAR~~ B18 14-16 ft DBG	1	1						
11/7	0905	SOIL	B17 14-16 ft DBG	1	1						
11/7	0935	SOIL	B17 24-26 ft DBG	1	1					1110-075	
11/7	1135	SOIL	B18 19-21 ft DBG	1	1						
11/6	1520	SOIL	B16 14-16 ft DBG	1	1						
11/6	1530	SOIL	B16 19-21 ft DBG	1	1					1110-073	
11/6	1550	SOIL	B16 24-26 ft DBG	1	1						
11/7	0920	SOIL	B17 19-21 ft DBG	1	1					1110-074	
11/6	1200	SOIL	B15 19-21 ft DBG	2	2						20Z AMBER JARS FOR MS/MSD
11/6	1215	SOIL	B15 24-26 ft DBG	1	1						
11/6	1145	SOIL	B15 14-16 ft DBG	1	1						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
John Tegas	11/7/00	1350	Ellen Mart	11/7/00	1350
Ellen Mart	11/7/00	1440		11/7/00	1440
	11/9/00	1000		11/10/00	1000
	Date	Time		Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or (N)

Explain: _____

Samples were:
1. Shipped ___ or Hand Delivered ___ Airbill# _____
2. Ambient or chilled
3. Received in good condition: (Y) or N
4. Properly preserved: (Y) or N
5. Samples returned to lab ___ Hrs from collection

COC Tape was:
1. Present on outer package: (Y) or N
2. Unbroken on outer package: (Y) or N
3. COC record present & complete upon sample receipt: (Y) or N

WHITE COPY - ORIGINAL 11/7/00 YELLOW COPY - CLIENT PINK COPY - LABORATORY

2000 S

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4637

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL | H2M SDG NO: 007

PROJECT NAME/NUMBER: IMPERIAL CLEANERS / 95085

SAMPLERS: (signature)/Client: John Tegins (JOHN TEGINS)

DELIVERABLES: ASP CATEGORY B

TURNAROUND TIME: 28 DAY T/A

NOTES: EPA METHOD 8260 ← SAMPLES MAY CONTAIN HIGH CONCENTATIONS OF VOCs

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

2000 DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description: 4 OZ AMBER GLASS — ORGANIC: VOA	ORGANIC: BNA	ORGANIC: Pest/PCB	INORG.: Metal	INORG.: CN	LAB I.D. NO.	REMARKS:
11/9	1100	SOIL	B24 24-26 ft DBG	1	1						
11/8	1440	"	B22 14-15 ft DBG	1	1					1110-076	
11/8	1520	"	B22 24-26 ft DBG	1	1					1110-078	
11/8	1035	"	B20 14-16 ft DBG	1	1						
11/9	0910	"	B23 19-21 ft DBG	1	1					1110-080	
11/9	1035	"	B24 19-21 ft DBG	1	1						
11/8	1340	"	B21 24-26 ft DBG	1	1						
11/8	1310	"	B21 14-16 ft DBG	1	1						
11/8	1330	"	B21 19-21 ft DBG	1	1						
11/8	1110	"	B20 24-26 ft DBG	1	1						
11/8	1055		B20 19-21 ft DBG	1	1						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J. Tegins	11/9/00	1530	Ellen Martin	11/9/00	1530
Ellen Martin	11/9/00	1635	[signature]	11/9/00	1635
[signature]	11/9/00	10:00	[signature]	11/9/00	1000
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped ___ or Hand Delivered ___ Airbill# ___
2. Ambient or chilled
3. Received in good condition: Y or N
4. Properly preserved: Y or N
5. Samples returned to lab ___ Hrs from collection.

COC Tape was:
1. Present on outer package: Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

WHITE COPY - ORIGINAL 11/9/2000 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4623

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL

H2M SDG NO: 007

PROJECT NAME/NUMBER: IMPERIAL CLEANERS / 95085

SAMPLERS: (signature)/Client: John Tegins (JOHN TEGINS)

DELIVERABLES: ASP CATEGORY B

TURNAROUND TIME:

NOTES:

Project Contact: DEAN ANSON

Phone Number: 631-351-3553

EPA METHOD 8260

SAMPLES MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

Sample Container Description: 4 OZ AMBER GLASS

ANALYSIS REQUESTED

2000 DATE	TIME	MATRIX	FIELD I.D.	Total No of Containers	ORGANIC: VOA	ORGANIC: BNA	ORGANIC: Pest/PCB	INORG.: Metal	INORG.: CN	LAB I.D. NO.	REMARKS:
11/9	1310	SOIL	B25 24-26 ft DBG	1	1						
11/9	1425	SOIL	B26 19-21 ft DBG	1	1					1110-083	analyze
11/9	1255	SOIL	B25 19-21 ft DBG	1	1						
11/9	1440	SOIL	B26 24-26 ft DBG	1	1					1110-084	analyze
11/9	1240	SOIL	B25 14-16 ft DBG	1	1						
11/9	1020	SOIL	B24 14-16 ft DBG	1	1						
11/9	1420	SOIL	B26 14-16 ft DBG	1	1					1110-082	analyze
11/9	0920	"	B23 24-26 ft DBG	1	1					081	↓
11/9	0950	"	B23 14-16 ft DBG	1	1					079	
11/8	1510	"	B22 19-21 ft DBG	1	1					1110-077	
11/8	1340	"	B21 24-26 ft DBG	1	1						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J. Tegins	11/9/00	1530	E. Mano	11/9/00	1530
Ellen Mano	11/9/00	1835		11/9/00	0763
	11/10/00	1000		11/10/00	1000
	Date	Time		Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N

Explain:

Samples were:
1. Shipped ___ or Hand Delivered ___ Airbill# ___
2. Ambient or chilled
3. Received in good condition Y or N
4. Properly preserved Y or N
5. Samples returned to lab ___ Hrs from collection.

COC Tape was:
1. Present on outer package: Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

WHITE COPY - ORIGINAL 11/9/2000 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4621

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL | H2M SDG NO: 007

PROJECT NAME/NUMBER: IMPERIAL CLEANERS / 95085

SAMPLERS: (signature)/Client: J. Teguis (J. TEGINS)

DELIVERABLES: ASP CAT. B

TURNAROUND TIME: 28 DAYS

NOTES: EPA METHOD 8260 — SAMPLES MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

2000 DATE	TIME	MATRIX	FIELD I.D.	Sample Container Description: 4 oz AMBER GLASS	Total No of Containers	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/9	1520	SOIL	B27 14-16 ft DBG		1	1					1110-085	analyze
11/9	1550	↓	B27 24-26 ft DBG		1	1						hold
11/9	1530	↓	B27 19-21 ft DBG		1	1					1110-086	analyze

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J. Teguis	11/10/00	1050		11/10/00	1050
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped___ or Hand Delivered___ Airbill# _____
2. Ambient or chilled
3. Received In good condition: Y or N
4. Properly preserved: Y or N
5. Samples returned to lab ___ Hrs from collection.

COC Tape was:
1. Present on outer package: Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

S 0010

WHITE COPY - ORIGINAL 11/10/00 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: Anson DELIVERABLES: B5-D TURN AROUND TIME: 28 Days

SDG #: Anson007 CASE #: _____ MATRIX: Soil pH CHECK Y or N

REMARKS: Samples accessioned 11-10-00

RECEIVED BY: LSD SIGNATURE: LSeeDs DATE: 11/3/00 11/7/00 11/9/00 11/10/00 TIME: 1525 1440 1035 1050

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	B14 19-21 ft	2000110-005	11.3.00	A	1	PUTCH
2	B14 24-26 ft	006	↓	↓	1	
3	B16 19-21 ft	003	11.6.00	B		
4	B17 19-21 ft	004	11.7.00			
5	B17 24-26 ft	005	↓			
6	B22 14-15 ft	006	11.8.00			
7	B22 19-21 ft	007				
8	B22 24-26 ft	008	↓			
9	B23 14-16 ft	009	11.9.00			
10	B23 19-21 ft	010				
11	B23 24-26 ft	011				
12	B26 14-16 ft	012				
13	B26 19-21 ft	013				
14	B26 24-26 ft	014	↓			
15	B27 14-16 ft	015	11.9.00			
16	B27 19-21 ft	or 016	↓	or	↓	or
17						
18		LSD	11/10/00			
19						
20						

H2M LABS, INC.

CLIENT: Anson

SDG #: Ansonoo1

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/13/00	0900	SIGN [illegible]	SIGN [illegible]	A,B	analysis	
11/13	1520	SIGN [illegible]	SIGN [illegible]	A,B	T.S. Analysis	
11/13	1600	SIGN [illegible]	SIGN [illegible]	A,B	Storage	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: Anson DELIVERABLES: B5-10 TURN AROUND TIME: 25 Days

SDG #: ANSON007 CASE #: _____ MATRIX: Soil pH CHECK Y or (N)

REMARKS: Sample(s) accessioned 11-16-00 * Bottle in custody of GC/MS

RECEIVED BY: LD SIGNATURE: [signature] DATE: 11/3/00, 11/7/00, 11/9/00, 11/10/00 TIME: 1530, 1445, ~~1635~~, 1030

CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
B14 19-21 ft	2ui110-001	11.3.00	A	1	TS
" 24-26	006	"	"	"	"
B16 19-21	013	11.6.00	*	*	
B17 19-21	014	11.7.00			
" 24-26	015	"			
B22 14-15	016	11.9.00			
" 19-21	017	"			
" 24-26	018	"			
B25 14-16	019	11.9.00			
" 19-21	020	"			
" 24-26	021	"			
B26 14-16	022	"			
" 19-21	023	"			
" 24-26	024	"			
B27 14-16	025	"			
" 19-21	026	"	"	"	"
		11/16/00			

S 0013

H2M LABS, INC.

CLIENT: Anson

SDG #: ANSON007

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/3/00	0900	SIGN [illegible]	SIGN [illegible]	A	analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			

3. SDG NARRATIVES

H2M LABS, INC.

SDG NARRATIVE FOR VOLATILES ANALYSES
SAMPLE RECEIVED: 11/10/00
SDG #: ANSON007

For Samples:

B14 19-21 ft	B22 24-26 ft
B14 24-26-ft	B23 14-16 ft
B16 19-21 ft	B23 19-21 ft
B17 19-21 ft	B23 24-26 ft
B17 24-26 ft	B26 14-16 ft
B22 14-15 ft	B26 19-21 ft
B22 19-21 ft	B26 24-26 ft
B27 14-16 ft	B27 19-21 ft

The above samples were analyzed according to the requirements of the NYSDECASP 10/95 method 8260 for the TCL volatile organic analytes.

All quality control and calibration requirements were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: December 5, 2000

****
* *
* *
****

Joann M. Slavin
Laboratory Manager

4. SAMPLE REPORTS

4.1 VOLATILES

H2M LABS, INC.

QUALIFIERS FOR REPORTING ORGANICS DATA

Value - If the result is a value greater than or equal to the quantification limit, report the value.

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10U for phenol in water if the sample final volume is the protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must also be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor, the sample quantitation limit for phenol (330 U) would be corrected to:

$$\frac{(300\ U)}{D} \times df \text{ where } D = \frac{100\% moisture}{100}$$

and df - dilution factor

For example, at 24% moisture, $D = \frac{100 - 24}{100} = 0.76$

$$\frac{(300\ U)}{.76} \times 10 = 4300\ U$$ rounded to the appropriate number of significant figures

For semivolatile soil samples, the extract must be concentrated to 0.5 mL, and the sensitivity of the analysis is not compromised by the cleanup procedures. Similarly, pesticide samples subjected to GPC are concentrated to 5.0 mL. Therefore, the CRQL values in Exhibit C will apply to all samples, regardless of cleanup. However, if a sample extract cannot be concentrated to the protocol-specified volume (see Exhibit C), this fact must be accounted for in reporting the sample quantitation limit.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified quantification limit but greater than zero. (e.g.: If limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, report as 3J.) The sample quantitation limit must be adjusted for dilution as discussed for the U flag.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported of Form I with a "P".

C - This flag applies to pesticide results when the identification has been confirmed by GC/MS.. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag, instead use a Laboratory defined flag, discussed below.

B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified target compound.

E - This flag identified compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in Exhibit D, the sample or extract must be diluted and re-analyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration ranges in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number. NOTE: For total xylenes, where three isomers are quantified as two peaks, the calibration range of each peak should be considered separately, e.g. a diluted analysis is not required for total xylenes unless the concentration of the peak representing the single isomer exceed 200 ug/L or the peak representing the two coeluting isomers on that GC column exceed 400 ug/L. Similarly, if the two 1,2-Dichloroethene isomers coelute, a diluted analysis is not required unless the concentration exceed 400 ug/L.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag. This flag alerts data users that any discrepancies between the concentrations reported may be due to dilution of the sample or extract.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - Other specific flags may be required to properly define the results. If used, they must be fully described and such description attached to the Sample Data Summary Package and the SDG narrative. Begin by using "X". If more than one flag is required use "Y" and "Z" as needed. If more than five qualifiers are required for a sample result, used the "X" flag to combine several flags as needed. For instance, the "X" flag might combine "A", "B", and "D" flags for some samples. The laboratory defined flags limited to the letters "X", "Y" and "Z"

The combination of flags "BU" or "UB" is expressly prohibited. Blank contaminants are flagged "B" only when they are detected in the sample.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-065

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4700.D

Level: (low/med) LOW Date Received: 11/03/00

% Moisture: not dec. 2.2 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	9	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	1	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B14 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-065

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4700.D

Level: (low/med) LOW Date Received: 11/03/00

% Moisture: not dec. 2.2 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14 24-26'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-066

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4701.D

Level: (low/med) LOW Date Received: 11/03/00

% Moisture: not dec. 2.3 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	8	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B14 24-26'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-066

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4701.D

Level: (low/med) LOW Date Received: 11/03/00

% Moisture: not dec. 2.3 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B16 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-073

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4702.D

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 5.9 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	JB
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-4	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
71-43-2	Benzene	11	U
124-48-1	Dibromochloromethane	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B16 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-073

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4702.D

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 5.9 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B17 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-074

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4703.D

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 17.8 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	8	JB
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1.1-Dichloroethene	12	U
75-34-4	1.1-Dichloroethane	12	U
540-59-0	1.2-Dichloroethene (total)	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
107-06-2	1.2-Dichloroethane	12	U
71-55-6	1.1.1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1.2-Dichloropropane	12	U
10061-01-5	cis-1.3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
71-43-2	Benzene	12	U
124-48-1	Dibromochloromethane	12	U
10061-02-6	trans-1.3-Dichloropropene	12	U
79-00-5	1.1.2-Trichloroethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1.1.2.2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B17 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-074

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4703.D

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 17.8 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B17 24-26'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-075

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4704.D

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 15.7 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	7	JB
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-4	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
71-43-2	Benzene	12	U
124-48-1	Dibromochloromethane	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET — EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

B17 24-26'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-075

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4704.D

Level: (low/med) LOW Date Received: 11/07/00

% Moisture: not dec. 15.7 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0029

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B22 14-15'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-076

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4705.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 4.1 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B22J4-15

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-076

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4705.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 4.1 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B22 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-077

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4706.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 16.2 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	7	JB
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-4	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
71-43-2	Benzene	12	U
124-48-1	Dibromochloromethane	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	6	J
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET — EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

B22 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-077

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4706.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 16.2 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	000064-17-5	Ethanol	2.63	8	JN

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B22 24-26'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-078

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4707.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 11.2 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	JB
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-4	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
71-43-2	Benzene	11	U
124-48-1	Dibromochloromethane	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B22 24-26'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-078

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4707.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 11.2 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B23 14-16'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-079

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4708.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 3.3 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B23 14-16'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-079

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4708.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 3.3 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B23 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-080

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4709.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 3.8 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B23 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-080

Sample wt/vol: 5.0 (g/mL) Lab File ID: F4709.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 3.8 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B23 24-26'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-081

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4710.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 10.1 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	JB
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-4	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
71-43-2	Benzene	11	U
124-48-1	Dibromochloromethane	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B23-24-26'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-081

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4710.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 10.1 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B26 14-16'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-082

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4711.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 6.8 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	6	JB
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-4	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
71-43-2	Benzene	11	U
124-48-1	Dibromochloromethane	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B26 14-16'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-082

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4711.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 6.8 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B26 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-083

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4712.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 18.5 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	8	JB
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-4	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
71-43-2	Benzene	12	U
124-48-1	Dibromochloromethane	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	8	J
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B26 19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-083

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4712.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 18.5 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000064-17-5	Ethanol	2.63	6	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B26 24-26'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-084

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4713.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 19.4 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	7	JB
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-4	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
71-43-2	Benzene	12	U
124-48-1	Dibromochloromethane	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B26 24-26'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-084

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4713.D

Level: (low/med) LOW Date Received: 11/09/00

% Moisture: not dec. 19.4 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	2.63	7	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B27 14-16'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-085

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4714.D

Level: (low/med) LOW Date Received: 11/10/00

% Moisture: not dec. 20.2 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl Chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene Chloride	7	JB
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-4	1,1-Dichloroethane	13	U
540-59-0	1,2-Dichloroethene (total)	2	J
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
71-43-2	Benzene	13	U
124-48-1	Dibromochloromethane	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	25	
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-88-3	Toluene	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
100-42-5	Styrene	13	U
1330-20-7	Xylene (total)	13	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B27 14-16'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-085

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4714.D

Level: (low/med) LOW Date Received: 11/10/00

% Moisture: not dec. 20.2 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000064-17-5	Ethanol	2.63	11	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B27 19-21'

Lab Name: H2M LABS INC Contract: _____

Lab Code: 10478 Case No.: _____ SAS No.: _____ SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-086

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4720.D

Level: (low/med) LOW Date Received: 11/10/00

% Moisture: not dec. 14.1 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	7	JB
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-4	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
71-43-2	Benzene	12	U
124-48-1	Dibromochloromethane	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B27.19-21'

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: 20001110-086

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4720.D

Level: (low/med) LOW Date Received: 11/10/00

% Moisture: not dec. 14.1 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

5. SURROGATE SPIKE ANALYSIS RESULTS
5.1 VOLATILES

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLK11/13/00	99	100	98	0
02	B14 19-21'	100	100	97	0
03	B14 24-26'	104	101	97	0
04	B16 19-21'	104	101	98	0
05	B17 19-21'	104	101	96	0
06	B17 24-26'	103	102	92	0
07	B22 14-15'	99	100	98	0
08	B22 19-21'	104	101	95	0
09	B22 24-26'	100	99	97	0
10	B23 14-16'	100	101	97	0
11	B23 19-21'	102	102	96	0
12	B23 24-26'	106	102	96	0
13	B26 14-16'	100	100	95	0
14	B26 19-21'	113	100	94	0
15	B26 24-26'	100	101	96	0
16	B27 14-16'	100	101	96	0
17	VBLK11/16/00	112	99	101	0
18	LFB11/16/00	103	100	98	0
19	B27 19-21'	104	100	96	0

				QC LIMITS
SMC1	(DCE)	=	1,2-Dichloroethane-d4	(70-121)
SMC2	(TOL)	=	Toluene-d8	(84-138)
SMC3	(BFB)	=	Bromofluorobenzene	(59-113)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE SUMMARY
6.1 VOLATILES

QC CHECK STANDARD % RECOVERY CLP
DATE: 11/16/00
MATRIX__WATER
AMOUNT SPIKED _50PPB
SAMPLE VOLUME: 5.0G
FILE ID : F4719.D
INST. ID: H5970-3

COMPOUND NAME	ADD. UG/L	UG/L	%REC	LCL	UCL	#
Chloromethane	50	49	98	33	149	
Bromomethane	50	50	99	58	144	
Vinyl Chloride	50	50	99	20	164	
Chloroethane	50	49	98	33	153	
Methylene Chloride	50	49	98	46	157	
Acetone	50	50	99	50	187	
Carbon Disulfide	50	48	97	52	143	
1,1-Dichloroethene	50	49	98	67	141	
1,1-Dichloroethane	50	49	99	64	124	
1,2-Dichloroethene (total)	100	98	98	57	150	
2-Butanone	50	51	102	68	223	
Chloroform	50	48	96	65	140	
1,2-Dichloroethane	50	50	99	78	147	
1,1,1-Trichloroethane	50	47	95	70	127	
Carbon Tetrachloride	50	46	92	60	136	
Bromodichloromethane	50	46	93	81	137	
1,2-Dichloropropane	50	48	95	78	132	
cis-1,3-Dichloropropene	50	47	95	72	131	
Trichloroethene	50	47	94	71	145	
Benzene	50	47	94	82	142	
Dibromochloromethane	50	47	94	59	136	
trans-1,3-Dichloropropene	50	48	95	80	147	
1,1,2-Trichloroethane	50	47	95	81	139	
Bromoform	50	47	95	64	142	
4-Methyl-2-Pentanone	50	49	97	59	170	
2-Hexanone	50	50	100	67	163	
Tetrachloroethene	50	47	94	72	144	
1,1,2,2-Tetrachloroethane	50	48	96	83	152	
Toluene	50	47	94	85	129	
Chlorobenzene	50	47	95	58	128	
Ethylbenzene	50	47	95	68	149	
Styrene	50	47	94	63	126	
Xylene (total)	150	141	94	59	132	

Column to be used to flag values outside QC limits with an asterik.

S 0055

7. BLANK SUMMARY DATA AND RESULTS

7.1 VOLATILES

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/13/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Lab File ID: F4698.D Lab Sample ID: VBLK11/13/00

Date Analyzed: 11/13/00 Time Analyzed: 11:53

GC Column: HP-VOC ID: 0.2 (mm) Heated Purge: (Y/N) Y

Instrument ID: H5973

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B14 19-21'	20001110-065	F4700.D	13:05
02	B14 24-26'	20001110-066	F4701.D	13:38
03	B16 19-21'	20001110-073	F4702.D	14:10
04	B17 19-21'	20001110-074	F4703.D	14:43
05	B17 24-26'	20001110-075	F4704.D	15:15
06	B22 14-15'	20001110-076	F4705.D	16:44
07	B22 19-21'	20001110-077	F4706.D	17:17
08	B22 24-26'	20001110-078	F4707.D	18:03
09	B23 14-16'	20001110-079	F4708.D	18:36
10	B23 19-21'	20001110-080	F4709.D	19:08
11	B23 24-26'	20001110-081	F4710.D	19:41
12	B26 14-16'	20001110-082	F4711.D	20:13
13	B26 19-21'	20001110-083	F4712.D	20:46
14	B26 24-26'	20001110-084	F4713.D	21:18
15	B27 14-16'	20001110-085	F4714.D	21:51

COMMENTS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK11/13/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: VBLK11/13/00

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4698.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK11/13/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: VBLK11/13/00

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4698.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 11/13/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/16/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Lab File ID: F4718.D Lab Sample ID: VBLK11/16/00

Date Analyzed: 11/16/00 Time Analyzed: 13:34

GC Column: HP-VOC ID: 0.2 (mm) Heated Purge: (Y/N) Y

Instrument ID: H5973

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LFB11/16/00	LFB11/16/00	F4719.D	13:54
02	B27 19-21'	20001110-086RE	F4720.D	14:27

COMMENTS

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK11/16/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: VBLK11/16/00

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4718.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	3	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK11/16/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Matrix: (soil/water) SOIL Lab Sample ID: VBLK11/16/00

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4718.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0062

8. INTERNAL STANDARD AREA DATA

8.1 VOLATILES

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Lab File ID (Standard): F4697.D Date Analyzed: 11/13/00

Instrument ID: H5973 Time Analyzed: 11:11

GC Column: HP-VOCOL ID: 0.20 (mm) Heated Purge: (Y/N) Y

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	25113	4.82	155703	5.77	134160	8.54
	UPPER LIMIT	50226	4.32	311406	5.27	268320	8.04
	LOWER LIMIT	12557	5.32	77852	6.27	67080	9.04
	EPA SAMPLE NO.						
01	VBLK11/13/00	24675	4.82	152332	5.78	129282	8.54
02	B14 19-21'	23914	4.82	147498	5.78	125181	8.54
03	B14 24-26'	21553	4.83	139534	5.78	117977	8.54
04	B16 19-21'	22292	4.82	141083	5.77	120869	8.54
05	B17 19-21'	20180	4.83	134293	5.78	116324	8.54
06	B17 24-26'	19538	4.82	134219	5.78	119684	8.54
07	B22 14-15'	22382	4.82	133997	5.77	112726	8.54
08	B22 19-21'	19454	4.82	131978	5.78	113477	8.54
09	B22 24-26'	21423	4.82	127898	5.78	107328	8.54
10	B23 14-16'	20739	4.82	125355	5.78	107188	8.54
11	B23 19-21'	18904	4.82	123787	5.78	105446	8.54
12	B23 24-26'	18664	4.82	125068	5.77	106901	8.54
13	B26 14-16'	19412	4.82	120780	5.78	104899	8.54
14	B26 19-21'	18866	4.82	119585	5.78	102403	8.54
15	B26 24-26'	19566	4.82	120182	5.78	104354	8.54
16	B27 14-16'	19200	4.82	119331	5.78	103145	8.54

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS007

Lab File ID (Standard): F4717.D Date Analyzed: 11/16/00

Instrument ID: H5973 Time Analyzed: 11:49

GC Column: HP-VOCOL ID: 0.20 (mm) Heated Purge: (Y/N) Y

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	22489	4.82	137548	5.78	122252	8.54
UPPER LIMIT	44978	4.32	275096	5.28	244504	8.04
LOWER LIMIT	11245	5.32	68774	6.28	61126	9.04
EPA SAMPLE NO.						
01 VBLK11/16/00	21285	4.82	126882	5.78	109622	8.54
02 LFB11/16/00	20851	4.82	132678	5.78	117965	8.54
03 B27 19-21'	21103	4.82	128664	5.78	112431	8.54

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

Analytical Data Package For

ANSON ENVIRONMENTAL
IMPERIAL CLEANERS
SDG NO: ANSON010

Soil Samples
Received: 11/13/00-11/17/00

SAMPLE DATA SUMMARY PACKAGE

NOVEMBER 2000

SOIL
B28
B42

H2M
Environmental Testing Laboratories
575 Broad Hollow Road, Melville, N.Y. 11747

H2M LABS, INC.

SAMPLE DATA SUMMARY PACKAGE

TABLE OF CONTENTS

ANSON ENVIRONMENTAL, LTD.
PROJECT NO.: 95085
PROJECT NAME: IMPERIAL CLEANERS
SAMPLES RECEIVED: 11/13/00-11/17/00
SDG NO.: ANSON010

1. NYS DEC SUMMARY FORMS

H2M LABS, INC.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY
ANSON ENVIRONMENTAL, LTD.
IMPERIAL CLEANERS
PROJET NO. 95085
SAMPLES RECEIVED: 11/13/00-11/17/00
SDG #: ANSON010

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS	*BNA GC/MS	*GC VOA	PCB	*METALS	OTHER TS
B28 19-21 FT DBG	20001114-018	X					
B29 19-20 FT DBG	20001114-019	X					
B30 14-16 FT DBG	20001114-077	X					
B30 19-21 FT DBG	20001114-078	X					
B31 19-21 FT DBG	20001115-033	X					
B31 24-26 FT DBG	20001115-034	X					
B32 19-21 FT DBG	20001115-035	X					
B32 24-26 FT DBG	20001115-036	X					
B33 (14-16)	20001115-144	X					
B33 (19-21)	20001115-145	X					
B34 (19-21)	20001115-146	X					
B38 (19-21') DBG MS/MSD	20001117-100	X					
B38 (24-26') DBG	20001117-101	X					
B39 (14-16') DBG	20001117-102	X					
B39 (24-26') DBG MS/MSD	20001117-103	X					
B42 (19-21') DBG	20001117-104	X					
B42 (24-26') DBG	20001117-105	X					

* Check Appropriate Boxes
* CLP (Non-CLP) (Please indicate year of protocol) 1995
* TCL/TAL, HCL, TS

Sample Analysis Summary

Sample ID	Matrix	Date Collected	Date Received	Level	Date Analyzed
B28 19-21'DBG	soil	11/13/00	11/13/00	LOW	11/16/00
B29 19-20'DBG	soil	11/13/00	11/13/00	LOW	11/16/00
B30 14-16'DBG	soil	11/13/00	11/14/00	LOW	11/16/00
B30 19-21'DBG	soil	11/13/00	11/14/00	LOW	11/16/00
B31 19-21'DBG	soil	11/14/00	11/14/00	LOW	11/16/00
B31 24-26DBG	soil	11/14/00	11/14/00	LOW	11/16/00
B32 19-21'DBG	soil	11/14/00	11/14/00	LOW	11/16/00
B32 24-26'DBG	soil	11/14/00	11/14/00	LOW	11/16/00
B33 (14-16)	soil	11/14/00	11/15/00	LOW	11/16/00
B33 (19-21)	soil	11/14/00	11/15/00	LOW	11/16/00
B34 (19-21)	soil	11/14/00	11/15/00	LOW	11/22/00
B38 (19-21)DBG	soil	11/16/00	11/17/00	LOW	11/22/00
B38 (19-21)DBGMS	soil	11/16/00	11/17/00	LOW	11/22/00
B38 (19-21)DBGMSD	soil	11/16/00	11/17/00	LOW	11/22/00
B38 (24-26)DBG	soil	11/16/00	11/17/00	LOW	11/22/00
B39 (14-16)DBG	soil	11/16/00	11/17/00	LOW	11/22/00
B39 (24-26)DBG	soil	11/16/00	11/17/00	LOW	11/22/00
B42 (19-21)DBG	soil	11/16/00	11/17/00	LOW	11/22/00
B42 (24-26)DBG	soil	11/16/00	11/17/00	LOW	11/22/00

2. CHAIN OF CUSTODY DOCUMENTATION

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4640

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL | H2M SDG NO: 010

PROJECT NAME/NUMBER: IMPERIAL CLEANERS/# 95085

SAMPLERS: (signature)/Client: John Tegins

DELIVERABLES: ASP CAT. B

TURNAROUND TIME: 28 DAYS

NOTES: EPA METHOD 8260 SAMPLES MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

Sample Container Description: 4 oz. AMBER GLASS

2000 DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/13	1205	SOIL	B29 24-26 ft DBG	1	1						
11/13	1130	"	B29 14-16 ft DBG	1	1						
11/13	0935	"	B28 19-21 ft DBG	1	1					20001114-018	Analyze
11/13	0915	"	B28 14-16 ft DBG	1	1						
11/13	0955	"	B28 24-26 ft DBG	1	1						
11/13	1140	"	B29 19-20 ft DBG	1	1					20001114-019	Analyze

	Date	Time		Date	Time
Relinquished by: (Signature) J. Tegins	11/13/00	1510	Received by: (Signature)	11/13/00	1510
Relinquished by: (Signature)	11/13/00	1550	Received by: (Signature)	11/13/00	1550
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N

Explain:

Samples were:
1. Shipped ___ or Hand Delivered ✓ Airbill# _____
2. Ambient or chilled
3. Received in good condition: Y or N
4. Properly preserved: Y or N N/A
5. Samples returned to lab ___ Hrs from collection.

COC Tape was:
1. Present on outer package: Y or N N/A
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

WHITE COPY - ORIGINAL 11/13/00 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

SAMPLE RECEIPT NON-COMPLIANCE REPORT
H2M LABS, INC.

Client: Anson SDG #: 010

Date of Sample Receipt: 11-13-00 Received By: CSD

Problems with Samples:

_____ 1. Insufficient quantity received for proper analysis.
_____ 2. Sample received broken or leaking.
_____ 3. Sample received improperly preserved.
_____ 4. Sample received in improper container.
_____ 5. Holding time exceeded at receipt.
_____ 6. Sample I.D.
_____ 7. Multi-layer sample
_____ 8. No MS/MSD designated.
_____ 9. Sample received out of temp. specs (4°C +/-2°). Recorded temperature _____ °C
_____ 10. Other _____

Problems with Chain of Custody (COC):

_____ 1. Sample received without COC form.
_____ 2. Custody tape broken.
_____ 3. COC form not relinquished by client.
_____ 4. COC form not properly signed by client.
_____ 5. Sample information on container does not match sample information on COC form.
_____ 6. Other _____

Notes: Per Dean Anson - Only analyze Soil Samples B2S 19-21 ft and B2q 14-20 ft from Samples received 11/13/00 @ 1550.

We will be receiving 2 Samples 11-14/00 (S0.15). Both will be analyzed.

Contact: _____

Notification procedure: ___ phone ___ fax ___ writing ___ e-mail ___ other

Notified By: CSD Date/Time: 11/14/00 10:50 am

Corrective Action: See above

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: ANSON DELIVERABLES: B5-70 TURN AROUND TIME: 28 Day Pkg

SDG #: 010 CASE #: ______ MATRIX: ~~GW~~ SOIL pH CHECK Y or (N)

REMARKS: Samples may contain high VOC concentrations

RECEIVED BY: SBM SIGNATURE: SBM DATE: 11/13/00 TIME: 15:50

CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1 B28 19-21ftDBG	2000/114-018	11/13/00	B	1	PUTCL
2 B29 19-20ftDBG	-019	11/13/00	B	1	↓
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

SBM 11/14/00

H2M LABS, INC.

CLIENT: ANSON

SDG #: 010

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/14/00	12:00	SIGN [signature]	SIGN [signature]	B	Analyses	
11/16/00	1100	SIGN [signature]	SIGN [signature]	B	Analysis	
11/16/00	1600	SIGN [signature]	SIGN [signature]	B	T.S. Analysis	
11/16/00	1630	SIGN [signature]	SIGN [signature]	B	Storage	
		SIGN [signature]	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4650

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL | **H2M SDG NO:** 010

PROJECT NAME/NUMBER: IMPERIAL CLNRS/95085

SAMPLERS: (signature)/Client: J. Tegno /ANSON

DELIVERABLES: ASP CAT B

TURNAROUND TIME: 28 DAYS

NOTES: PUTCL TS
EPA METHOD 8260
SAMPLE MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

Project Contact: DEAN ANSON
Phone Number: 631-351-3555

2000 DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description: 40z AMBER GLASS	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/14	1125	SOIL	B32 24-26 ft DBG	1	1							
11/14	1110	"	B32 19-24 ft DBG	1	1							
11/14	1100	"	B32 14-16 ft DBG	1	1							
11/13	1525	"	B30 19-21 ft DBG	1	1						20001114-078	
11/14	0920	"	B31 19-21 ft DBG	1	1							
11/14	0935	"	B31 24-26 ft DBG	1	1							
11/14	0905	"	B31 14-16 ft DBG	1	1							
11/13	1510	"	B30 14-16 ft DBG	1	1						20001114-077	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J. Tegno	11/14/00	1200		11/14/00	12:0
	11/14/00	13:45		11/14/00	13:45
	11/14/00	13:45		11/14/00	13:45
	Date	Time		Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped ___ or Hand Delivered ___ Airbill# _____
2. Ambient or chilled
3. Received in good condition: Y or N
4. Properly preserved: Y or N
5. Samples returned to lab ___ Hrs from collection

COC Tape was:
1. Present on outer package: Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

WHITE COPY - ORIGINAL 11/14/00 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

SAMPLE RECEIPT NON-COMPLIANCE REPORT
H2M LABS, INC.

Client: Anson SDG #: 009/010

Date of Sample Receipt: 11/14/00 Received By: _____

Problems with Samples:

_____ 1. Insufficient quantity received for proper analysis.
_____ 2. Sample received broken or leaking.
_____ 3. Sample received improperly preserved.
_____ 4. Sample received in improper container.
_____ 5. Holding time exceeded at receipt.
_____ 6. Sample I.D.
_____ 7. Multi-layer sample
_____ 8. No MS/MSD designated.
_____ 9. Sample received out of temp. specs (4°C +/-2°). Recorded temperature _____ °C
✓ 10. Other Did not receive Field Blank from 11/14/00.

Problems with Chain of Custody (COC):

_____ 1. Sample received without COC form.
_____ 2. Custody tape broken.
_____ 3. COC form not relinquished by client.
_____ 4. COC form not properly signed by client.
_____ 5. Sample information on container does not match sample information on COC form.
_____ 6. Other _____

Notes: Soil Samples: D. Anson informed H2M this morning that there would be 2 Soil Samples submitted today for analysis. H2M received 8. We need to know which samples to analyze/hold.

Contact: D. Anson

Notification procedure: ✓ phone ___ fax ___ writing ___ e-mail ___ other

Notified By: LSD **Date/Time:** 11-14-00

Corrective Action:

(1) D. Anson said the FB from 11/14 may still be in the field. Cross if off the COC.

(2) Analyze B30 14-16, and 19-21, Hold all B31's and B32's until further rev.

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: ANSON DELIVERABLES: B5-7D TURN AROUND TIME: 28 days

SDG #: 010 CASE #: _____ MATRIX: SOIL pH CHECK Y or (N)

REMARKS: Samples may contain high concentrations of VOCs

RECEIVED BY: SEP SIGNATURE: SEP DATE: 11/14/01 TIME: 1345

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	B30 14-16ft DBG	20001114-077	11/13/00	B	1	PVTCL
2	B30 19-21ft DBG	078	↓	↓	↓	↓
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

11/14/01 SEP

P 0103

H2M LABS, INC.

CLIENT: ANSON

SDG #: 010

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/14/00	16:35	SIGN [signature]	SIGN [signature]	B	Analysis	
11/16/00	1600	SIGN [signature]	SIGN [signature]	B	T.S. Analysis	
11/16/00	1636	SIGN [signature]	SIGN [signature]	B	Storage	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4650

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL

H2M SDG NO: 010

PROJECT NAME/NUMBER: IMPERIAL CLNRS/[illegible]

SAMPLERS: (signature)/Client: [signature] /ANSON

DELIVERABLES: ASP CAT B

TURNAROUND TIME: [illegible] DAYS

Sample Container Description: [illegible] AMBER GLASS

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

NOTES:
PURGE TS
EPA METHOD 8260
SAMPLE MAY CONTAIN HIGH CONCENTRATIONS OF VOCs.

ANALYSIS REQUESTED

2000 DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	ORGANIC: VOA	BNA	Pest/PCB					INORG.: Metal	CN	LAB I.D. NO.	REMARKS:
11/14	1125	Soil *	B32 [illegible]	1	1									2000 1115-036	1) 11/15
11/14	1110	" *	B32 19 [illegible]	1	1									2000 1115-035	2) Dan
11/14	1100	"	B32 14-16 ft [illegible]	1	1										called to
11/13	1525	" *	B30 19-21 ft [illegible]	1	1									2000 1114-[illegible]	add
11/14	0920	" *	B31 19-21 ft [illegible]	1	1									2000 1115-033	3) 4 these
11/14	0935	" *	B31 24-26 ft DPC	1	1									2000 1115-034	4) samples
11/14	0905	"	B31 14-16 ft DPC	1	1										
11/13	1510	"	B30 14-16 ft [illegible]	1	1									2000 1114-[illegible]	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11/14/00	1200	[signature]	11/14/00	12:[illegible]
[signature]	11/14/00	13:45	[signature]	11/14/00	13:4[illegible]
[signature]	11/14/00	[illegible]	[signature]	11/[illegible]	[illegible]

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped ___ or Hand Delivered ___ Airbill# ___
2. Ambient or chilled
3. Received in good condition: Y or N
4. Properly preserved: Y or N
5. Samples returned to lab ___ Hrs from collection.

COC Tape was:
1. Present on outer package: Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

WHITE COPY - ORIGINAL YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: ANSON DELIVERABLES: B5-70 TURN AROUND TIME: 28 DAYS

SDG #: 01D CASE #: _____ MATRIX: SOIL pH CHECK Y or N

REMARKS: Samples may contain high concentration of VOCs

RECEIVED BY: SEP SIGNATURE: [signature] DATE: 11/14/00 TIME: 13:45

Samples accessioned 11/15/00

CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1 B31 19-21ft DBG	20001115-033	11/14/00	B	1	PLTCL
2 B31 24-26Ft DBG	034	↓	↓	↓	↓
3 B32 19-21ft DBG	035				
4 B32 24-26.5ft DBG	↓ 036	↓	↓	↓	↓
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

11/15/00 [signature]

P 0112
S 0015

H2M LABS, INC.

CLIENT: ANSON

SDG #: 010

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/15/00	13:20	SIGN [illegible]	SIGN [illegible]	B	ANALYSIS	
11/16/00	1600	SIGN [illegible]	SIGN [illegible]	B	T.S. Analysis	
11/16/00	1630	SIGN [illegible]	SIGN [illegible]	B	Storage	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4641

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL | H2M SDG NO:

PROJECT NAME/NUMBER: IMPERIAL CLEANERS / 95085

SAMPLERS: (signature)/Client: John Teglns (JOHN TEGINS)

DELIVERABLES: ASP CAT. B

TURNAROUND TIME: 28 DAYS

NOTES: EPA METHOD 8260

SAMPLES MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

2000 DATE	TIME	MATRIX	FIELD I.D.	Sample Container Description: 4 oz AMBER GLASS	Total No. of Containers	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/15	1115	SOIL	B36 19-21 ft DBG	1	1							
11/15	0910	"	B35 14-16 ft DBG	1	1							
11/15	1105	"	B36 14-16 ft DBG	1	1							
11/15	0950	"	B35 24-26 ft DBG	1	1							
11/14	1415	"	B33 24-26 ft DBG	1	1							
11/14	1530	"	B34 14-16 ft DBG	1	1							Analyze
11/15	0930	"	B35 19-21 ft DBG	1	1							
11/14	1555	"	B34 19-21 ft DBG	1	1						20001115-146	Analyze
11/14	1600	"	B34 24-26 ft DBG	1	1						20001115-144	Analyze
11/14	1350	"	B33 14-16 ft DBG	1	1						1115-145	Analyze
11/14	1405		B33 19-21 ft DBG	1	1							

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
John Teglns	11/15/00	1315	[signature] 11/15/00	11/15/00	13:15
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped___ or Hand Delivered___ Airbill# _____
2. Ambient or chilled
3. Received in good condition: Y or N
4. Properly preserved: Y or N
5. Samples returned to lab ___ Hrs from collection.

COC Tape was:
1. Present on outer package: Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

WHITE COPY - ORIGINAL 11/15/00 YELLOW COPY - CLIENT PINK COPY - LABORATORY

S 0017

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4643

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL | H2M SDG NO:

PROJECT NAME/NUMBER: IMPERIAL CLEANERS / 95085

SAMPLERS: (signature)/Client: John Tegins (JOHN TEGINS)

DELIVERABLES: ASP CAT B

TURNAROUND TIME:

NOTES: EPA METHOD 8260 — SAMPLE MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/15	1130	SOIL	B36 24-26ft DBG	1	4 OZ AMBER GLASS	1						

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
John Tegins	11/15/00	1315		11/15/00	13:15
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped___ or Hand Delivered___ Airbill# _____
2. Ambient or chilled
3. Received in good condition: Y or N
4. Properly preserved: Y or N
5. Samples returned to lab ___ Hrs from collection.

COC Tape was:
1. Present on outer package: Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

S 0015

WHITE COPY - ORIGINAL | YELLOW COPY - CLIENT | PINK COPY - LABORATORY

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: ANSON DELIVERABLES: B5-7D TURN AROUND TIME: 28 Day

SDG #: 010 CASE #: _____ MATRIX: SOIL pH CHECK Y or N

REMARKS: _____

RECEIVED BY: SBM SIGNATURE: [signature] DATE: 11/15/00 TIME: 13:15

CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1 B33 (14-16)	2000115-144	11/14/00	4oz JAR	1	PLITCL
2 B33 (19-21)	-145	↓	↓	↓	↓
3 B34 (19-21	-146	↓	↓	↓	↓
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

11/15/00

[signature]

P 0121

H2M LABS, INC.

CLIENT: ANSON

SDG #: 010

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/15/00	13:00	SIGN [signature]	SIGN [signature]	B	Analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4644

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL | H2M SDG NO: 010

PROJECT NAME/NUMBER: IMPERIAL CLEANERS/ 95065

SAMPLERS: (signature)/Client: John Tegins (JOHN TEGINS)

DELIVERABLES: ASP CATEGORY B

TURNAROUND TIME: 28 DAYS

NOTES:
B42 F1-21
B42 24-26

EPA METHOD 8260

SAMPLES MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

Project Contact: DEAN ANSON

Phone Number: 631 351-3555

2000 DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description: 4 OZ. AMBER GLASS	ORGANIC: VOA	ORGANIC: BNA	ORGANIC: Pest PCB	INORG.: Metal	INORG.: CN	LAB I.D. NO.	REMARKS:
~~1110~~	~~1410~~	~~SOIL~~	~~B41 14-16 ft DBG~~	~~1~~	~~1~~							
11/16	1410	SOIL	B41 14-16 ft DBG	1	1							
11/16	1430	"	B41 19-21 ft DBG	1	1							
11/16	1440	"	B41 24-26 ft DBG	1	1							
11/16	1540	"	B42 19-21 ft DBG	1	1						20001117-1540	analysis
11/16	1555	"	B42 24-26 ft DBG	1	1						20001117 105	analysis

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
John Tegins	11/17/00	1052		11/17	1052
	Date	Time	Received by: (Signature)	Date	Time
	11/17/00	11:00		11/17/00	11:00
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped ___ or Hand Delivered ✓ Airbill# _____
2. Ambient or Chilled
3. Received in good condition: Y or N
4. Properly preserved: Y or N
5. Samples returned to lab ___ Hrs from collection.

COC Tape was:
1. Present on outer package: Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

WHITE COPY - ORIGINAL 11/17/00 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

575 Broad Hollow Rd, Melville, NY 11747-5076
Tel: (516) 694-3040 Fax: (516) 420-8436

4645

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL | H2M SDG NO:

PROJECT NAME/NUMBER: IMPERIAL CLEANERS/95085

SAMPLERS: (signature)/Client: John Tegins (JOHN TEGINS)

DELIVERABLES: ASP CATEGORY B

TURNAROUND TIME: 28 DAYS

NOTES: Analyze B38 19-21, B38 24-26, B39 14-16, B39 24-26 BERKELEY

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

EPA METHOD 8260

SAMPLES MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

2000 DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description: 4oz AMBER GLASS	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/15	1400	SOIL	B37 14-16 ft DBG	1	1							
11/15	1420	"	B37 19-21 ft DBG	1	1							
11/15	1445	"	B37 24-26 ft DBG	1	1							*
11/16	0920	"	B38 19-21 ft DBG	3	1*				analyze		20001117-100	PLUS 2-4oz GLASS/MS/MSD
11/16	0930	"	B38 24-26 ft DBG	1	1				analyze		1117-101	
11/16	1020	"	B39 14-16 ft DBG	1	1				analyze		1117-102	
11/16	1040	"	B39 19-21 ft DBG	1	1							
11/16	1120	"	B39 24-26 ft DBG	3	1*				analyze		1117-103	*
11/16	1250	"	B40 14-16 ft DBG	1	1							
11/16	1305	"	B40 19-21 ft DBG	1	1							
11/16	1320	"	B40 24-26 ft DBG	1	1							

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
John Tegins	11/17/00	1052	Jennifer Cust	11/17	1052
Jennifer Cust	11/17/00	11:00		11/17/00	11:00

LABORATORY USE ONLY

Discrepancies Between Sample Labels and COC Record? Y or N
Explain:

Samples were:
1. Shipped ___ or Hand Delivered ✓ Airbill# _____
2. Ambient or Chilled
3. Received in good condition: Y or N
4. Properly preserved: Y or N
5. Samples returned to lab ___ Hrs from collection.

COC Tape was:
1. Present on outer package; Y or N
2. Unbroken on outer package: Y or N
3. COC record present & complete upon sample receipt: Y or N

WHITE COPY - ORIGINAL 11/17/00 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: ANSON DELIVERABLES: B&-70 TURN AROUND TIME: 28 Days

SDG #: ANSON010 CASE #: _____ MATRIX: SOIL pH CHECK Y or N

REMARKS: Samples may contain high concentr of VOCs

RECEIVED BY: SBM SIGNATURE: SBM DATE: 11/16/00 TIME: 11:00

CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
B38(19-21') MS/MSD DUP	20001117 -100	11/16/00	B,A	3	PUTCL
B38(24-26') DUP	-101	"	"	1	"
B39(14-16') DUP	-102	"	"	1	"
B39(24-26') MS/MSD DUP	-103	"	A	3	"
B42(19-21') DUP	-104	"	"	1	"
B42(24-26') DUP	-105	"	"	1	"

P 0143

S 0023

H2M LABS, INC.

CLIENT: ANSON

SDG #: ANSON010

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/17/00	16:00	SIGN [signature]	SIGN [signature]	B	Analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			

3. SDG NARRATIVES

H2M LABS, INC.

SDG NARRATIVE FOR VOLATILES ANALYSES
SAMPLE RECEIVED: 11/13-11/17/00
SDG #: ANSON010

For Samples:

B28 19-21 FT DBG	B33 (14-16)
B29 19-20 FT DBG	B33 (19-21)
B30 14-16 FT DBG	B34 (19-21)
B30 19-21 FT DBG	B38 (19-21') DBG MS/MSD
B31 19-21 FT DBG	B38 (24-26') DBG
B31 24-26 FT DBG	B39 (14-16') DBG
B32 19-21 FT DBG	B39 (24-26') DBG MS/MSD
B32 24-26 FT DBG	B42 (19-21') DBG
	B42 (24-26') DBG

The above samples were analyzed according to the requirements of the NYSDEC ASP 10/95 method 8260 for the TCL volatile organic analytes.

Sample B38 (19-21')DBG was analyzed as the matrix spike/matrix spike duplicate. All percent recovery and RPD criteria were met.

All quality control and calibration requirements were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Date Reported: December 11, 2000

Joann M. Slavin
Laboratory Manager

o:\qc\narr2000\anson\voa\anson010.nrr

4. SAMPLE REPORTS

4.1 VOLATILES

H2M LABS, INC.

QUALIFIERS FOR REPORTING ORGANICS DATA

Value - If the result is a value greater than or equal to the quantification limit, report the value.

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10U for phenol in water if the sample final volume is the protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must also be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor, the sample quantitation limit for phenol (330 U) would be corrected to:

$$\frac{(300\ U)}{D} \times df \text{ where } D = \frac{100\% moisture}{100}$$

and df - dilution factor

For example, at 24% moisture, $D = \frac{100 - 24}{100} = 0.76$

$\frac{(300\ U)}{76} \times 10$ - 4300 U rounded to the appropriate number of significant figures

For semivolatile soil samples, the extract must be concentrated to 0.5 mL, and the sensitivity of the analysis is not compromised by the cleanup procedures. Similarly, pesticide samples subjected to GPC are concentrated to 5.0 mL. Therefore, the CRQL values in Exhibit C will apply to all samples, regardless of cleanup. However, if a sample extract cannot be concentrated to the protocol-specified volume (see Exhibit C), this fact must be accounted for in reporting the sample quantitation limit.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified quantification limit but greater than zero. (e.g.: If limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, report as 3J.) The sample quantitation limit must be adjusted for dilution as discussed for the U flag.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported of Form I with a "P".

C - This flag applies to pesticide results when the identification has been confirmed by GC/MS.. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag, instead use a Laboratory defined flag, discussed below.

B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified target compound.

E - This flag identified compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in Exhibit D, the sample or extract must be diluted and re-analyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration ranges in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number. NOTE: For total xylenes, where three isomers are quantified as two peaks, the calibration range of each peak should be considered separately, e.g. a diluted analysis is not required for total xylenes unless the concentration of the peak representing the single isomer exceed 200 ug/L or the peak representing the two coeluting isomers on that GC column exceed 400 ug/L. Similarly, if the two 1,2-Dichloroethene isomers coelute, a diluted analysis is not required unless the concentration exceed 400 ug/L.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag. This flag alerts data users that any discrepancies between the concentrations reported may be due to dilution of the sample or extract.

A - This flag indicates that a TIC is a suspected aldol-condensation product

X - Other specific flags may be required to properly define the results. If used, they must be fully described and such description attached to the Sample Data Summary Package and the SDG narrative. Begin by using "X". If more than one flag is required use "Y" and "Z" as needed. If more than five qualifiers are required for a sample result, used the "X" flag to combine several flags as needed. For instance, the "X" flag might combine "A", "B", and "D" flags for some samples. The laboratory defined flags limited to the letters "X", "Y" and "Z".

The combination of flags "BU" or "UB" is expressly prohibited. Blank contaminants are flagged "B" only when they are detected in the sample.

4. SAMPLE REPORTS

4.1 VOLATILES

H2M LABS, INC.

QUALIFIERS FOR REPORTING ORGANICS DATA

Value - If the result is a value greater than or equal to the quantification limit, report the value.

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For example, 10U for phenol in water if the sample final volume is the protocol-specified final volume. If a 1 to 10 dilution of extract is necessary, the reported limit is 100 U. For a soil sample, the value must also be adjusted for percent moisture. For example, if the sample had 24% moisture and a 1 to 10 dilution factor, the sample quantitation limit for phenol (330 U) would be corrected to:

$$\frac{(300\ U)}{D} \times df \text{ where } D = \frac{100\% moisture}{100}$$

and df - dilution factor

For example, at 24% moisture, $D = \frac{100 - 24}{100} = 0.76$

$$\frac{(300\ U)}{76} \times 10 = 4300\ U$$ rounded to the appropriate number of significant figures

For semivolatile soil samples, the extract must be concentrated to 0.5 mL, and the sensitivity of the analysis is not compromised by the cleanup procedures. Similarly, pesticide samples subjected to GPC are concentrated to 5.0 mL. Therefore, the CRQL values in Exhibit C will apply to all samples, regardless of cleanup. However, if a sample extract cannot be concentrated to the protocol-specified volume (see Exhibit C), this fact must be accounted for in reporting the sample quantitation limit.

J - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified quantification limit but greater than zero. (e.g.: If limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, report as 3J.) The sample quantitation limit must be adjusted for dilution as discussed for the U flag.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported of Form I with a "P".

C - This flag applies to pesticide results when the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag, instead use a Laboratory defined flag, discussed below.

B - This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified target compound.

E - This flag identified compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale, except as noted in Exhibit D, the sample or extract must be diluted and re-analyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an "E" on the Form I for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration ranges in the second analysis, then the results of both analyses shall be reported on separate copies of Form I. The Form I for the diluted sample shall have the "DL" suffix appended to the sample number. NOTE: For total xylenes, where three isomers are quantified as two peaks, the calibration range of each peak should be considered separately, e.g. a diluted analysis is not required for total xylenes unless the concentration of the peak representing the single isomer exceed 200 ug/L or the peak representing the two coeluting isomers on that GC column exceed 400 ug/L. Similarly, if the two 1,2-Dichloroethene isomers coelute, a diluted analysis is not required unless the concentration exceed 400 ug/L.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values reported on that Form I are flagged with the "D" flag. This flag alerts data users that any discrepancies between the concentrations reported may be due to dilution of the sample or extract.

A - This flag indicates that a TIC is a suspected aldol-condensation product

X - Other specific flags may be required to properly define the results. If used, they must be fully described and such description attached to the Sample Data Summary Package and the SDG narrative. Begin by using "X". If more than one flag is required use "Y" and "Z" as needed. If more than five qualifiers are required for a sample result, used the "X" flag to combine several flags as needed. For instance, the "X" flag might combine "A", "B", and "D" flags for some samples. The laboratory defined flags limited to the letters "X", "Y" and "Z".

The combination of flags "BU" or "UB" is expressly prohibited. Blank contaminants are flagged "B" only when they are detected in the sample.

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B28 19-21'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001114-018

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4721.D

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. 9.7 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	JB
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-4	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
71-43-2	Benzene	11	U
124-48-1	Dibromochloromethane	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

S 0030

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B28 19-21'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001114-018

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4721.D

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. 9.7 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0031

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B29 19-20'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001114-019

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4722.D

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. 5.7 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	JB
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-4	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
71-43-2	Benzene	11	U
124-48-1	Dibromochloromethane	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B29 19-20'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001114-019

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4722.D

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. 5.7 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0033

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B30 14-16'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001114-077

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4723.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 3.6 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

S 0034

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

B29 19-20'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001114-019

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4722.D

Level: (low/med) LOW Date Received: 11/13/00

% Moisture: not dec. 5.7 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0033

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B30 14-16'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001114-077

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4723.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 3.6 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

S 0034

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

B30 14-16'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001114-077

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4723.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 3.6 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0035

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B30 19-21'DBG

Lab Name: H2M LABS INC. Contract: _____

Lab Code: 10478 Case No.: _____ SAS No.: _____ SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001114-078

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4732.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 16.9 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	8	JB
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-4	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
71-43-2	Benzene	12	U
124-48-1	Dibromochloromethane	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

S 0036

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B30 19-21'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001114-078

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4732.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 16.9 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0037

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B31 19-21'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-033

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4725.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 4.4 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

S 0038

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B31 19-21'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-033

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4725.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 4.4 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0039

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B31 24-26DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-034

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4726.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 18.7 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl Chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene Chloride	7	JB
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-4	1,1-Dichloroethane	12	U
540-59-0	1,2-Dichloroethene (total)	10	J
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	2	J
71-43-2	Benzene	12	U
124-48-1	Dibromochloromethane	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	62	
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-88-3	Toluene	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Xylene (total)	12	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B31 24-26DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-034

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4726.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 18.7 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0041

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B32 19-21'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-035

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4727.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 1.8 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	3	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B32 19-21'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-035

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4727.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 1.8 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0043

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B32 24-26'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-036

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4728.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 6.4 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	JB
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-4	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	18	
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	3	J
71-43-2	Benzene	11	U
124-48-1	Dibromochloromethane	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	150	
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B32 24-26'DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-036

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4728.D

Level: (low/med) LOW Date Received: 11/14/00

% Moisture: not dec. 6.4 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B33 (14-16)

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-144

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4729.D

Level: (low/med) LOW Date Received: 11/15/00

% Moisture: not dec. 3.4 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

FORM I

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B33 (14-16)

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-144

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4729.D

Level: (low/med) LOW Date Received: 11/15/00

% Moisture: not dec. 3.4 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0047

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B33 (19-21)

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-145

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4730.D

Level: (low/med) LOW Date Received: 11/15/00

% Moisture: not dec. 5 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	5	JB
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-4	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
71-43-2	Benzene	11	U
124-48-1	Dibromochloromethane	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

S 0048

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET — EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

B33 (19-21)

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-145

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4730.D

Level: (low/med) LOW Date Received: 11/15/00

% Moisture: not dec. 5 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0049

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B34 (19-21)

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-146

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4820.D

Level: (low/med) LOW Date Received: 11/15/00

% Moisture: not dec. 9.3 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-4	1,1-Dichloroethane	11	U
540-59-0	1,2-Dichloroethene (total)	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
71-43-2	Benzene	11	U
124-48-1	Dibromochloromethane	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-88-3	Toluene	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Xylene (total)	11	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B34 (19-21)

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001115-146

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4820.D

Level: (low/med) LOW Date Received: 11/15/00

% Moisture: not dec. 9.3 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000060-29-7	Ethyl ether	3.07	23	JN

S 0051

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B38 (19-21)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-100

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4821.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 4 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	3	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B38 (19-21)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-100

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4821.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 4 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000060-29-7	Ethyl ether	3.06	21	JN

S 0053

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B38 (24-26)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-101

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4822.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 1.8 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

S 0054

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B38 (24-26)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-101

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4822.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 1.8 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	000060-29-7	Ethyl ether	3.07	11	JN

S 0055

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B39 (14-16)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-102

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4823.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 4 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

S 0056

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B39 (14-16)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-102

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4823.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 4 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000060-29-7	Ethyl ether	3.07	14	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B39 (24-26)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-103

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4824.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 4 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B39 (24-26)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-103

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4824.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 4 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000060-29-7	Ethyl ether	3.07	12	JN

S 0059

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B42 (19-21)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-104

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4825.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 4.5 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B42 (19-21)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-104

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4825.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 4.5 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000060-29-7	Ethyl ether	3.07	11	JN

S 0061

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B42 (24-26)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-105

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4826.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 4.7 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	JB
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

S 0062

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B42 (24-26)DBG

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: 20001117-105

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4826.D

Level: (low/med) LOW Date Received: 11/17/00

% Moisture: not dec. 4.7 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000060-29-7	Ethyl ether	3.06	11	JN

S 0063

5. SURROGATE SPIKE ANALYSIS RESULTS

5.1 VOLATILES

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLK11/16/00	112	99	101	0
02	LFB11/16/00	103	100	98	0
03	B28 19-21'DB	102	101	96	0
04	B29 19-20'DB	109	101	96	0
05	B30 14-16'DB	110	100	96	0
06	B31 19-21'DB	105	100	96	0
07	B31 24-26DBG	108	102	96	0
08	B32 19-21'DB	104	102	98	0
09	B32 24-26'DB	104	101	96	0
10	B33 (14-16)	108	103	96	0
11	B33 (19-21)	101	102	96	0
12	B30 19-21'DB	102	102	95	0
13	VBLK11/22/00	109	101	92	0
14	MSB11/22/00	109	102	89	0
15	B34 (19-21)	105	100	90	0
16	B38 (19-21)DB	111	102	90	0
17	B38 (24-26)DB MS	95	101	89	0
18	B39 (14-16)DB	96	101	91	0
19	B39 (24-26)DB	94	102	90	0
20	B42 (19-21)DB	94	101	90	0
21	B42 (24-26)DB	113	101	90	0
22	B38 (19-21)DB MS	92	102	89	0
23	B38 (19-21)DB MSD	105	103	88	0

				QC LIMITS
SMC1	(DCE)	=	1,2-Dichloroethane-d4	(70-121)
SMC2	(TOL)	=	Toluene-d8	(84-138)
SMC3	(BFB)	=	Bromofluorobenzene	(59-113)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

S 0065

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE SUMMARY

6.1 VOLATILES

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix Spike - EPA Sample No.: B38 (19-21)DBG Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	52	0.0	47	90	59 - 172
Trichloroethene	52	0.0	46	88	62 - 137
Benzene	52	0.0	51	98	66 - 142
Toluene	52	0.0	52	100	59 - 139
Chlorobenzene	52	0.0	50	96	60 - 133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	52	46	88	2	22	59 - 172
Trichloroethene	52	47	90	2	24	62 - 137
Benzene	52	51	98	0	21	66 - 142
Toluene	52	51	98	2	21	59 - 139
Chlorobenzene	52	50	96	0	21	60 - 133

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits

Spike Recovery: 0 out of 10 outside limits

COMMENTS:

S 0067

3A

SOIL MATRIX SPIKE BLANK RECOVERY

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SDG: ANS010

Matrix Spike - EPA Sample No.: MSB11/22/00 SAS No.:

COMPOUND	SPIKE ADDED UG/KG	MS CONCENTRATION UG/KG	MS % REC	#	QC. LIMITS REC.
1,1-Dichloroethene	50	48	96		(61-145)
Trichloroethene	50	43	86		(71-120)
Benzene	50	47	94		(76-127)
Toluene	50	49	98		(76-125)
Chlorobenzene	50	48	96		(75-130)

Column to be used to flag recovery values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

Comments:

3/90

QC CHECK STANDARD % RECOVERY CLP
DATE: 11/16/00
MATRIX__WATER
AMOUNT SPIKED _50PPB
SAMPLE VOLUME: 5.0G
FILE ID : F4719.D
INST. ID: H5973

COMPOUND NAME	ADD. UG/KG	UG/KG	%REC	LCL	UCL	#
Chloromethane	50	49	98	33	149	
Bromomethane	50	50	99	58	144	
Vinyl Chloride	50	50	99	20	164	
Chloroethane	50	49	98	33	153	
Methylene Chloride	50	49	98	46	157	
Acetone	50	50	99	50	187	
Carbon Disulfide	50	48	97	52	143	
1,1-Dichloroethene	50	49	98	67	141	
1,1-Dichloroethane	50	49	99	64	124	
1,2-Dichloroethene (total)	100	98	98	57	150	
2-Butanone	50	51	102	68	226	
Chloroform	50	48	96	65	140	
1,2-Dichloroethane	50	50	99	78	147	
1,1,1-Trichloroethane	50	47	95	70	127	
Carbon Tetrachloride	50	46	92	60	136	
Bromodichloromethane	50	46	93	81	137	
1,2-Dichloropropane	50	48	95	78	132	
cis-1,3-Dichloropropene	50	47	95	72	131	
Trichloroethene	50	47	94	71	145	
Benzene	50	47	94	82	142	
Dibromochloromethane	50	47	94	59	136	
trans-1,3-Dichloropropene	50	48	95	80	147	
1,1,2-Trichloroethane	50	47	95	81	139	
Bromoform	50	47	95	64	142	
4-Methyl-2-Pentanone	50	49	97	59	170	
2-Hexanone	50	50	100	67	163	
Tetrachloroethene	50	47	94	72	144	
1,1,2,2-Tetrachloroethane	50	48	96	83	152	
Toluene	50	47	94	85	129	
Chlorobenzene	50	47	95	58	128	
Ethylbenzene	50	47	95	68	149	
Styrene	50	47	94	63	126	
Xylene (total)	150	141	94	59	132	

Column to be used to flag values outside QC limits with an asterik.

S 0069

7. BLANK SUMMARY DATA AND RESULTS

7.1 VOLATILES

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/16/00

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Lab File ID: F4718.D Lab Sample ID: VBLK11/16/00

Date Analyzed: 11/16/00 Time Analyzed: 13:34

GC Column: HP-VOC ID: 0.2 (mm) Heated Purge: (Y/N) Y

Instrument ID: H5973

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LFB11/16/00	LFB11/16/00	F4719.D	13:54
02	B28 19-21'DBG	20001114-018	F4721.D	14:59
03	B29 19-20'DBG	20001114-019	F4722.D	15:32
04	B30 14-16'DBG	20001114-077	F4723.D	16:05
05	B31 19-21'DBG	20001115-033	F4725.D	17:10
06	B31 24-26DBG	20001115-034	F4726.D	17:43
07	B32 19-21'DBG	20001115-035	F4727.D	18:15
08	B32 24-26'DBG	20001115-036	F4728.D	18:47
09	B33 (14-16)	20001115-144	F4729.D	19:20
10	B33 (19-21)	20001115-145	F4730.D	19:52
11	B30 19-21'DBG	20001114-078	F4732.D	20:57

COMMENTS:

S 0071

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK11/16/00

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: VBLK11/16/00

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4718.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	3	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

S 0072

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK11/16/00

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: VBLK11/16/00

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4718.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 11/16/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0073

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/22/00

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Lab File ID: F4818.D Lab Sample ID: VBLK11/22/00

Date Analyzed: 11/22/00 Time Analyzed: 14:33

GC Column: HP-VOC ID: 0.2 (mm) Heated Purge: (Y/N) Y

Instrument ID: H5973

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MSB11/22/00	MSB11/22/00	F4819.D	15:05
02	B34 (19-21)	20001115-146	F4820.D	15:38
03	B38 (19-21)DBG	20001117-100	F4821.D	16:10
04	B38 (24-26)DBG	20001117-101	F4822.D	16:42
05	B39 (14-16)DBG	20001117-102	F4823.D	17:15
06	B39 (24-26)DBG	20001117-103	F4824.D	17:47
07	B42 (19-21)DBG	20001117-104	F4825.D	18:20
08	B42 (24-26)DBG	20001117-105	F4826.D	18:52
09	B38 (19-21)DBGMS	20001117-100MS	F4827.D	19:24
10	B38 (19-21)DBGMSD	20001117-100MSD	F4828.D	19:57

COMMENTS:

S 0074

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK11/22/00

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: VBLK11/22/00

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4818.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	J
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET — EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

VBLK11/22/00

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Matrix: (soil/water) SOIL Lab Sample ID: VBLK11/22/00

Sample wt/vol: 5.0 (g/ml) G Lab File ID: F4818.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. 0 Date Analyzed: 11/22/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0076

8. INTERNAL STANDARD AREA DATA
8.1 VOLATILES

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Lab File ID (Standard): F4717.D Date Analyzed: 11/16/00

Instrument ID: H5973 Time Analyzed: 11:49

GC Column: HP-VOCOL ID: 0.20 (mm) Heated Purge: (Y/N) Y

	IS1(BCM) AREA #	IS1(BCM) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	22489	4.82	137548	5.78	122252	8.54
UPPER LIMIT	44978	4.32	275096	5.28	244504	8.04
LOWER LIMIT	11245	5.32	68774	6.28	61126	9.04
EPA SAMPLE NO.						
01 VBLK11/16/00	21285	4.82	126882	5.78	109622	8.54
02 LFB11/16/00	20851	4.82	132678	5.78	117965	8.54
03 B28 19-21'DB	20969	4.82	127963	5.78	110327	8.54
04 B29 19-20'DB	19828	4.82	126058	5.78	110243	8.54
05 B30 14-16'DB	16290	4.82	107647	5.78	95541	8.54
06 B31 19-21'DB	17509	4.82	103938	5.78	92974	8.54
07 B31 24-26DB	18451	4.82	117702	5.78	102515	8.54
08 B32 19-21'DB	19291	4.82	115817	5.78	99791	8.54
09 B32 24-26'DB	19448	4.82	114576	5.78	100382	8.54
10 B33 (14-16)	18109	4.82	114951	5.78	99894	8.54
11 B33 (19-21)	19517	4.82	116799	5.78	102028	8.54
12 B30 19-21'DB	17223	4.82	108597	5.78	94865	8.54

IS1 (BCM) = Bromochloromethane

IS2 (DFB) = 1,4-Difluorobenzene

IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = - 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.

* Values outside of contract required QC limits

S 0078

6200 S 12/12/00

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS010

Lab File ID (Standard): F4817.D Date Analyzed: 11/22/00

Instrument ID: H5973 Time Analyzed: 14:00

GC Column: HP-VOCOL ID: 0.20 (mm) Heated Purge: (Y/N) Y

	IS1(BCM) AREA #	IS1(BCM) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	17569	4.82	93801	5.78	85254	8.54
UPPER LIMIT	35138	4.32	187602	5.28	170508	8.04
LOWER LIMIT	8785	5.32	46901	6.28	42627	9.04
EPA SAMPLE NO.						
01 VBLK11/22/00	16670	4.82	99960	5.78	87505	8.54
02 MSB11/22/00	15029	4.82	99259	5.78	86722	8.54
03 B34 (19-21)	17041	4.82	99073	5.78	88359	8.54
04 B38 (19-21)DB	16061	4.82	97806	5.78	85878	8.54
05 B38 (24-26)DB	18426	4.82	96042	5.78	85067	8.54
06 B39 (14-16)DB	18484	4.82	95446	5.78	84037	8.54
07 B39 (24-26)DB	18403	4.82	95758	5.78	83993	8.54
08 B42 (19-21)DB	18413	4.82	95024	5.78	84182	8.54
09 B42 (24-26)DB	15069	4.82	93746	5.78	82707	8.54
10 B38 (19-21)DB MS	16745	4.82	93467	5.78	81507	8.54
11 B38 (19-21)DB MSD	16711	4.82	94450	5.78	82247	8.54

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

S 0079