218 LAKEVILLE ROAD ASSOCIATES
HICKSVILLE, NEW YORK

APPENDIX I

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 I

Off-site Groundwater VOC Analytical Data

November 2000

WALDEN ASSOCIATES, INC.

Analytical Data Package For

ANSON ENVIRONMENTAL
IMPERIAL CLEANERS
SDG NO: ANSON005

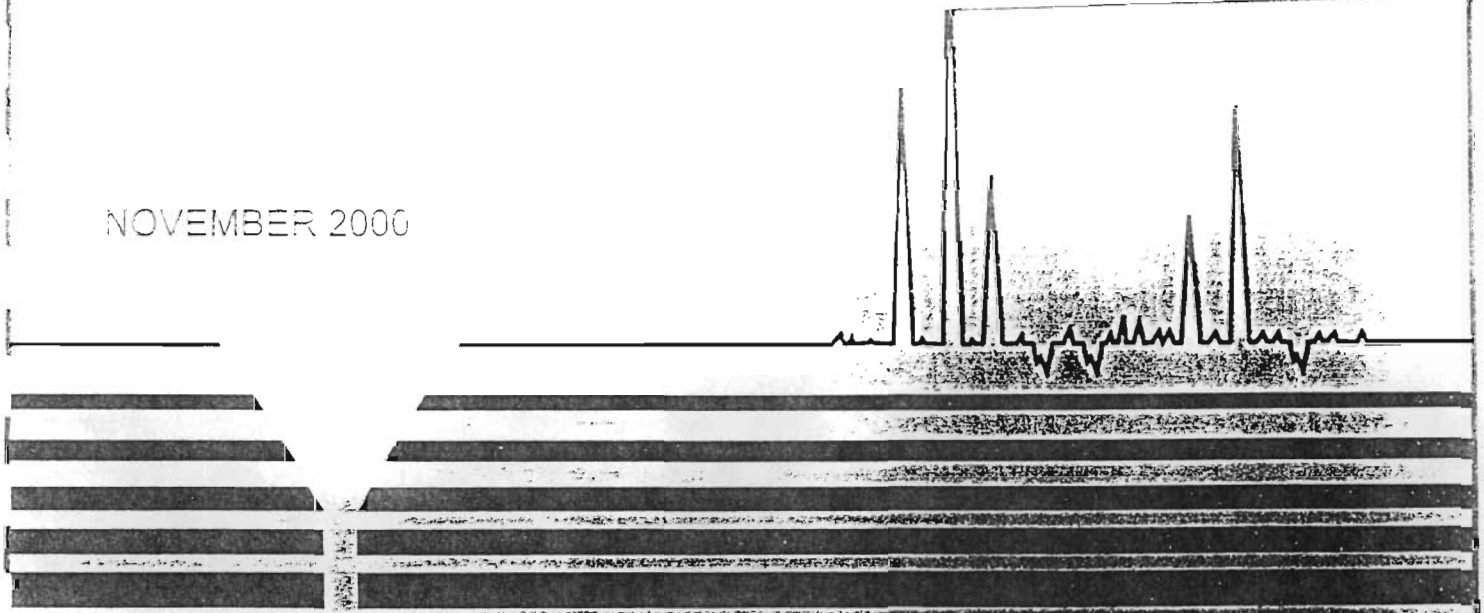
GW

B1 TO B18

Water Samples
Received: 11/1/00-11/7/00

SAMPLE DATA SUMMARY PACKAGE

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: 11/1/00-11/7/00
SDG NO.: ANSON005

H2M LABS, INC.

1. NYS DEC SUMMARY FORMS

S 0002

S-0001

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: 11/1/00-11/7/00/00
SDG #: ANSON005

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS	*BNA GC/MS	*GC VOA	PCB	*METALS	OTHER TS
B1 GW MS/MSD	20001102-031	X					
B2 GW	20001102-032	X					
B3 GW	20001102-033	X					
B4 GW	20001102-034	X					
B5 GW	20001102-035	X					
B6 GW	20001102-036	X					
Field Blank	20001102-047	X					
Trip Blank	20001102-048	X					
B7 GW	20001103-195	X					
B8 GW MS/MSD	20001103-196	X					
B9GW	20001103-197	X					
B10 GW	20001103-198	X					
B11 GW	20001103-199	X					
Field Blank	20001103-200	X					
Trip Blank	20001103-201	X					
B12 GW	20001103-202	X					
B13 GW	20001103-203	X					
B14 GW	20001103-204	X					
Field Blank	20001103-205	X					
Trip Blank	20001103-206	X					
B15 GW	20001107-113	X					
B16	20001107-114	X					
B17	20001107-115	X					
B18	20001107-116	X					
Field Blank	20001107-117	X					
Trip Blank	20001107-118	X					

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

S 0003

S 0001

Sample Analysis Summary

Sample ID	Matrix	Date Collected	Date Received	Level	Date Analyzed
B1-GW	water	10/30/00	11/1/00	LOW	11/6/00
B1-GWMS	water	10/30/00	11/1/00	LOW	11/6/00
B1-GWMSD	water	10/30/00	11/1/00	LOW	11/6/00
B2-GW	water	10/30/00	11/1/00	LOW	11/6/00
B3-GW	water	10/31/00	11/1/00	LOW	11/6/00
B4-GW	water	10/31/00	11/1/00	LOW	11/6/00
B5-GW	water	11/1/00	11/1/00	LOW	11/6/00
B6-GW	water	11/1/00	11/1/00	LOW	11/6/00
B7-GW	water	11/1/00	11/3/00	LOW	11/6/00
B8-GW	water	11/2/00	11/3/00	LOW	11/7/00
B8-GWMS	water	11/2/00	11/3/00	LOW	11/7/00
B8-GWMSD	water	11/2/00	11/3/00	LOW	11/7/00
B9-GW	water	11/2/00	11/3/00	LOW	11/7/00
B10-GW	water	11/2/00	11/3/00	LOW	11/7/00
B11-GW	water	11/2/00	11/3/00	LOW	11/7/00
B12-GW	water	11/3/00	11/3/00	LOW	11/7/00
B13-GW	water	11/3/00	11/3/00	LOW	11/7/00
B14-GW	water	11/3/00	11/3/00	LOW	11/7/00
B15-GW	water	11/7/00	11/7/00	LOW	11/9/00
B16-GW	water	11/7/00	11/7/00	LOW	11/9/00
B17-GW	water	11/7/00	11/7/00	LOW	11/9/00
B18-GW	water	11/7/00	11/7/00	LOW	11/9/00
B18-GWDL	water	11/7/00	11/7/00	LOW	11/9/00
FB 10/31/00	water	10/31/00	11/1/00	LOW	11/6/00
FB 11/1/00	water	11/1/00	11/3/00	LOW	11/7/00
FB 11/3/00	water	11/3/00	11/3/00	LOW	11/7/00
FB 11/6/00	water	11/7/00	11/7/00	LOW	11/9/00
TB 10/31/00	water	10/31/00	11/1/00	LOW	11/6/00
TB 11/2/00	water	11/2/00	11/3/00	LOW	11/7/00
TB 11/3/00	water	11/3/00	11/3/00	LOW	11/7/00
TB 11/6/00	water	11/7/00	11/7/00	LOW	11/9/00

2. CHAIN OF CUSTODY DOCUMENTATION

H2M LABS, INC.

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

4566

EXTERNAL CHAIN OF CUSTODY

CLIENT: AYSAL

H2M SDG NO: 005

PROJECT NAME/NUMBER
Imperial Cleaners
218 Lakeville Road
Lake Success, NY

SAMPLERS: (signature)/Client
J. Tegins

DELIVERABLES: ASP Cat B (S3-70)

TURNAROUND TIME: 28 Day

NOTES:
H2O

EPA METHOD 8260

PUTCL

Project Contact:

Phone Number: 351-3555 (631)

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:
10/30/00	1000	WATER	B1 GW	6	6						INCLUDES M/S/MSD
11/1/00	1015	"	B5 GW	2	2						
10/30	1545	"	B2 GW	2	2						
10/31	1630	"	B4 GW	2	2						
10/31	1010	"	FIELD BLANK	2	2						
10/31	1320	"	B3 GW	2	2						
		"	TRIP BLANK	2	2						
11/1	1215	"	B6 GW	6	6						~~INCLUDES M/S/MSD~~ EK 11/2/00

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J. Tegins	11/1/00	1500		11/1/00	1500
	Date	Time	Received by: (Signature)	Date	Time
	11/1/00	1600		11/1/00	1620
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 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

SAMPLE RECEIPT NON-COMPLIANCE REPORT
H2M LABS, INC.

Client: Anson SDG #: 005
Date of Sample Receipt: 11/1/00 Received By: SBM

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: 2 MS/MSD's collected for Waters
Corrections on COC not initialed / dated.

Contact: Dean Anson

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

Notified By: K. Kavanagh Date/Time: 11/2/00 9:50AM
Corrective Action: Only analyze MS/MSD for B1-GW

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

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

SDG #: ANSON005 CASE #: _____ MATRIX: GW pH CHECK Y or N

REMARKS: _____

RECEIVED BY: SBM SIGNATURE: SBM DATE: 11/2/00 TIME: 16:20

CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1 B1 GW MS/MSD	200011-031	10/30/00	DH	6	PUTCh
2 B2 GW	-032	10/30/00	"	2 11/3/00	"
3 B3 GW	-033	10/31/00	"	"	"
4 B4 GW	-034	10/31/00	"	"	"
5 B5 GW	-035	11/1/00	"	"	"
6 B6 GW	-036	11/1/00	"	SBM 11/2/00	SBM 11/2/00
7 Field Blank 10/31/00	-047	31/.0/00	"	"	"
8 Trip Blank 10/31/00	-048	0/31/00	↓	↓	↓
9				10/2/00	SBM 11/2/00
10					
11		SBM			
12					
13					
14					
15					
16					
17					
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19					
20					

H2M LABS, INC.

CLIENT: ANSON

SDG #: ANSON005

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/02/00	13:00	SIGN [signature]	SIGN [signature]	DH	Analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
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		SIGN	SIGN			

H2M LABS, INC.

4570

EXTERNAL CHAIN OF CUSTODY

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

CLIENT: ANSON ENVIRONMENTAL | H2M SDG NO: 005/007

PROJECT NAME/NUMBER: IMPERIAL CLEANERS #45085

NOTES:

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

SAMPLERS: (signature)/Client: John Tagma

DELIVERABLES: Cat. B (SOIL)

TURNAROUND TIME: 28 Day

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:
											(SOIL) 007
11/2	1420	WATER	FIELD BLANK	2	2					201	
11/2	—	WATER	TRIP BLANK	2	2					196	INCLUDES MS/MSD
11/2	1115	WATER	B8 GROUNDWATER	6	6					200	
11/1	1600	WATER	FIELD BLANK	2	2					195	
11/1	1520	WATER	B7 GROUNDWATER	2	2					199	
11/2	1715	WATER	B11 GROUNDWATER	2	2					197	
11/2	1320	WATER	B9 GROUNDWATER	2	2					198	
11/2	1600	WATER	B10 GROUNDWATER	2	2						

	Date	Time	Received by (Signature)	Date	Time
Relinquished by: (Signature) John Tagma	11/3/00	1145		11/3/00	1145
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 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

4604

EXTERNAL CHAIN OF CUSTODY

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

CLIENT: ANSON

H2M SDG NO: 005

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

SAMPLERS: (signature)/Client Ansonenvironmental
Ellie Krabb
Melissa DeBono

DELIVERABLES:
ASP Cat. B

TURNAROUND TIME:
Karen: same as previous samples submitted
John Teglia

NOTES:

Project Contact:

Phone Number:

EPA Method 8260 VOAs
PUTCH

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:
11/3	10:00	Water	B12-gw (28-32)	2	2					3003 1103-202	includes MS/MSD
11/3	11:30	Water	B13 gw (28-32)	2	2					203	
11/3	1400	Water	B14 - gw (30-34)	2	2					204	
11/3	1430	Water	Field Blank	2	2					205	
11/3	1500	Water	trip blank	2	2	2				206	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/3/00	1522		11/3/00	15:22
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/3/00	15:22		11/3/00	1522
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 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: Anson DELIVERABLES: B5-70 TURN AROUND TIME: 28 Days

SDG #: ANSON005 CASE #: ________ MATRIX: GW pH CHECK Y or (N)

REMARKS: ________

RECEIVED BY: LSD SIGNATURE: [signature] DATE: 11/3/00 TIME: 1145

Samples 20001103-207 thru 208 received 11/3/00 @ 1522

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	B7 Groundwater	20001103-195	11.1.00	DH	2	PUTCL
2	B8 MS MSD	196	11.2.00		6	
3	B9	197			2	
4	B10	198				
5	B11	199				
6	Field Blank 11/1/00	200	11.1.00			
7	Trip Blank 11/2/00	201	11.2.00			
8	B12-GW MS(?) MSD	202	11.3.00		6	
9	B13-GW	203			2	
10	B14-GW	204				
11	Field Blank 11/3/00	205				
12	Trip Blank	206				
13						
14						
15						
16						
17						
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19						
20						

LSD 11/3/00

H2M LABS, INC.

CLIENT: ANSON

SDG #: ANSON005

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
1/13/06	1630	SIGN [signature]	SIGN [signature]	DH	analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
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H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: ANSON DELIVERABLES: B5-90 TURN AROUND TIME: 28 Days

SDG #: ANSON005 CASE #: _____ MATRIX: GW pH CHECK Y or N

REMARKS: _____

RECEIVED BY: SH2M SIGNATURE: _____ DATE: 11/7/00 TIME: 1440

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	BIS Groundwater	2211107-113	11.7.00	DH	2	PLTCL
2	BI6	114				
3	BI7	115				
4	BI8	116				
5	FieldBlank 11400	117				
6	TripBlank	118				
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H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: Anson DELIVERABLES: B5-T0 TURN AROUND TIME: 28 Days

SDG #: ANSON005 CASE #: _____ MATRIX: GW pH CHECK Y or N

REMARKS: _____

RECEIVED BY: SB2M SIGNATURE: _____ DATE: 11/7/00 TIME: 1440

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	BIS Groundwater	2211071-113	11.7.00	DH	2	PLTCL
2	B16	114				
3	B17	115				
4	B18	116				
5	FieldBlank 1404	117				
6	TripBlank	118				
7						
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H2M LABS, INC.

CLIENT: Anson

SDG #: ANSON05

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
1/5/02	1600	SIGN [signature]	SIGN [signature]	DH	Analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
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3. SDG NARRATIVES

H2M LABS, INC.

SDG NARRATIVE FOR VOLATILES ANALYSES
SAMPLE RECEIVED: 11/1/00 - 11/7/00
SDG #: ANSON005

For Samples:

B1 GW MS/MSD	
B2 GW	Field Blank
B3 GW	Trip Blank
B4 GW	B12 GW
B5 GW	B13 GW
B6 GW	B14 GW
Field Blank	Field Blank
Trip Blank	Trip Blank
B7 GW	B15 GW
B8 MS/MSD	B16
B9	B17
B10	B18
B11	Field Blank
	Trip Blank

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

All QC data and the calibrations met the requirements of the protocol. The following should be noted:

The method blanks on 11/8/00 and 11/9/00 contained contaminations of trichloroethene under the reporting limit, due to carryover from a high sample. The positives in the samples analyzed on those days were flagged with the qualifier "B".

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 1, 2000

****
*
* Ursula Middel *
****

Ursula Middel
Technical 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.

B1-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-031

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17238.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
67-64-1	Acetone	5	J
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)	4	J
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	1	J
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	25	
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.

B1-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-031

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17238.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0023

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B2-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-032

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17239.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.
B2-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-032

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17239.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0025

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B3-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-033

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17244.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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)	2	J
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	2	J
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	140	
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.
B3-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-033

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17244.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0027

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B4-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-034

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17245.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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

S 0028

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B4-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-034

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17245.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0029

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B5-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-035

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17246.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.

B5-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-035

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17246.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0031

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B6-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-036

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17247.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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 0032

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B6-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-036

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17247.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0033

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B7-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-195

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17248.D

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

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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	51	
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.
B7-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-195

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17248.D

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

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0035

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B8-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-196

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17249.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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	6	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 0036

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B8-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-196

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17249.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0037

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B9-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-197

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17250.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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 0038

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B9-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-197

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17250.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0039

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-198

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17251.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.
B10-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-198

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17251.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0041

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B11-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-199

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17252.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.

B11-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-199

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17252.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0043

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B12-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17259.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.
B12-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-202

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17259.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 1

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	1000127-36-3	2-Amino-4-hydroxypteridine-6-car	4.11	19	JN

S 0045

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B13-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-203

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17260.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0047

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B14-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17261.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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

S 0048

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B14-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-204

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17261.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0049

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B15-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-113

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17320.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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	4	JB
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	6	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	3	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B15-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-113

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17320.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0051

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B16-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-114

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17321.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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	4	JB
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	1	J
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.
B16-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-114

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17321.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0053

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B17-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-115

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17322.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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	4	JB
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.

B17-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-115

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17322.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0055

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B18-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-116

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17323.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
67-64-1	Acetone	7	J
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)	14	
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	8	JB
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	210	E
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.

B18-GW

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-116

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17323.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0057

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B18-GWDL

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-116

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17336.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	20	U
74-83-9	Bromomethane	20	U
75-01-4	Vinyl Chloride	20	U
75-00-3	Chloroethane	20	U
75-09-2	Methylene Chloride	20	U
67-64-1	Acetone	3	JD
75-15-0	Carbon Disulfide	20	U
75-35-4	1,1-Dichloroethene	20	U
75-34-4	1,1-Dichloroethane	20	U
540-59-0	1,2-Dichloroethene (total)	14	JD
78-93-3	2-Butanone	20	U
67-66-3	Chloroform	20	U
107-06-2	1,2-Dichloroethane	20	U
71-55-6	1,1,1-Trichloroethane	20	U
56-23-5	Carbon Tetrachloride	20	U
75-27-4	Bromodichloromethane	20	U
78-87-5	1,2-Dichloropropane	20	U
10061-01-5	cis-1,3-Dichloropropene	20	U
79-01-6	Trichloroethene	10	JBD
71-43-2	Benzene	20	U
124-48-1	Dibromochloromethane	20	U
10061-02-6	trans-1,3-Dichloropropene	20	U
79-00-5	1,1,2-Trichloroethane	20	U
75-25-2	Bromoform	20	U
108-10-1	4-Methyl-2-Pentanone	20	U
591-78-6	2-Hexanone	20	U
127-18-4	Tetrachloroethene	290	D
79-34-5	1,1,2,2-Tetrachloroethane	20	U
108-88-3	Toluene	20	U
108-90-7	Chlorobenzene	20	U
100-41-4	Ethylbenzene	20	U
100-42-5	Styrene	20	U
1330-20-7	Xylene (total)	20	U

S 0058

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B18-GWDL

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-116

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17336.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 2.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 10/31/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-047

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17242.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.

FB 10/31/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-047

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17242.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0061

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

FB 11/1/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-200

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17253.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
67-64-1	Acetone	2	J
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 0062

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
FB 11/1/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-200

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17253.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0063

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 11/6/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-117

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17324.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
67-64-1	Acetone	2	J
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	3	JB
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 0064

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB 11/6/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-117

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17324.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0065

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 11/3/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17262.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.
FB 11/3/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-205

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17262.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 1

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	000124-38-9	Carbon dioxide	4.93	24	JN

S 0067

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB 10/31/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-048

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17243.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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 0068

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB 10/31/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001101-048

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17243.D

Level: (low/med) LOW Date Received: 11/01/00

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0069

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

TB 11/2/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17254.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	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	10	U
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.

TB 11/2/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-201

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17254.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0071

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB 11/3/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17263.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.

TB 11/3/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001103-206

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17263.D

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

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1 000124-38-9	Carbon dioxide	4.04	11	JN

S 0073

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB 11/6/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-118

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17325.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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	3	JB
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 0074

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB 11/6/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: 20001107-118

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17325.D

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

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0075

5. SURROGATE SPIKE ANALYSIS RESULTS
5.1 VOLATILES

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLK11/6/00	105	99	99	0
02	MSB11/6/00	103	98	104	0
03	LFB11/6/00	106	97	103	0
04	B1-GW	103	100	104	0
05	B2-GW	102	97	101	0
06	B1-GWMS	99	100	100	0
07	B1-GWMSD	104	101	104	0
08	FB 10/31/00	101	95	100	0
09	TB 10/31/00	103	97	103	0
10	B3-GW	102	98	102	0
11	B4-GW	102	98	102	0
12	B5-GW	102	100	103	0
13	B6-GW	100	98	102	0
14	B7-GW	100	100	104	0
15	B8-GW	101	97	101	0
16	B9-GW	103	94	100	0
17	B10-GW	104	101	104	0
18	B11-GW	103	99	103	0
19	FB 11/1/00	98	95	103	0
20	TB 11/2/00	100	97	102	0
21	VBLK11/7/00	94	95	91	0
22	MSB11/7/00	97	99	92	0
23	B12-GW	96	97	92	0
24	B13-GW	94	97	92	0
25	B14-GW	95	99	91	0
26	FB 11/3/00	107	102	96	0
27	TB 11/3/00	96	99	93	0
28	B8-GWMS	95	101	94	0
29	B8-GWMSD	94	94	93	0
30	VBLK11/8/00	102	99	99	0
31	B15-GW	104	99	103	0
32	B16-GW	109	97	101	0
33	B17-GW	106	100	106	0

				QC LIMITS
SMC1	(DCE)	=	1,2-Dichloroethane-d4	(76-114)
SMC2	(TOL)	=	Toluene-d8	(88-110)
SMC3	(BFB)	=	Bromofluorobenzene	(86-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
34	B18-GW	106	97	102	0
35	FB 11/6/00	105	97	101	0
36	TB 11/6/00	108	97	100	0
37	LFB11/8/00	103	99	105	0
38	VBLK11/9/00	100	99	97	0
39	B18-GWDL	102	100	100	0

				QC LIMITS
SMC1	(DCE)	=	1,2-Dichloroethane-d4	(76-114)
SMC2	(TOL)	=	Toluene-d8	(88-110)
SMC3	(BFB)	=	Bromofluorobenzene	(86-115)

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

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix Spike - EPA Sample No.: B1-GW

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	47	94	61 - 145
Trichloroethene	50	0.0	47	94	71 - 120
Benzene	50	0.0	45	90	76 - 127
Toluene	50	0.0	46	92	76 - 125
Chlorobenzene	50	0.0	47	94	75 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	52	104	10	14	61 - 145
Trichloroethene	50	47	94	0	14	71 - 120
Benzene	50	45	90	0	11	76 - 127
Toluene	50	48	96	4	13	76 - 125
Chlorobenzene	50	49	98	4	13	75 - 130

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 0080

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix Spike - EPA Sample No.: B8-GW

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	46	92	61 - 145
Trichloroethene	50	0.0	47	94	71 - 120
Benzene	50	0.0	46	92	76 - 127
Toluene	50	0.0	51	102	76 - 125
Chlorobenzene	50	0.0	50	100	75 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	46	92	0	14	61 - 145
Trichloroethene	50	46	92	2	14	71 - 120
Benzene	50	46	92	0	11	76 - 127
Toluene	50	48	96	6	13	76 - 125
Chlorobenzene	50	48	96	4	13	75 - 130

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 0081

3A

WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: H2M LABS, INC Contract: _____

Lab Code: 10478 Case No.: _____ SDG No: ANSON005

Matrix Spike - EPA Sample No.: MSB11/06/00 SAS No.: _____

COMPOUND	SPIKE ADDED UG/L	MS CONCENTRATION UG/L	MS % REC	#	QC. LIMITS REC.
1,1-Dichloroethene	50	54	108		(61-145)
Trichloroethene	50	50	100		(71-120)
Benzene	50	50	100		(76-127)
Toluene	50	50	100		(76-125)
Chlorobenzene	50	52	104		(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

3A

WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: H2M LABS, INC Contract: _____

Lab Code: 10478 Case No.: _____ SDG No: ANSON005

Matrix Spike - EPA Sample No.: MSB11/07/00 SAS No.: _____

COMPOUND	SPIKE ADDED UG/L	MS CONCENTRATION UG/L	MS % REC	#	QC. LIMITS REC.
1,1-Dichloroethene	50	55	110		(61-145)
Trichloroethene	50	52	104		(71-120)
Benzene	50	51	102		(76-127)
Toluene	50	56	112		(76-125)
Chlorobenzene	50	56	112		(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: 11/6/00
MATRIX__WATER
AMOUNT SPIKED _50PPB
SAMPLE VOLUME: 5ML
FILE ID : P17237.D
INST. ID: H5970-3

COMPOUND NAME	ADD. UG/L	UG/L	%REC	LCL	UCL	#
Chloromethane	50	42	85	56	128	
Bromomethane	50	43	85	60	134	
Vinyl Chloride	50	41	81	48	137	
Chloroethane	50	43	87	64	124	
Methylene Chloride	50	50	99	76	114	
Acetone	50	46	93	31	171	
Carbon Disulfide	50	42	85	46	137	
1,1-Dichloroethene	50	44	87	58	129	
1,1-Dichloroethane	50	47	94	67	125	
1,2-Dichloroethene (total)	100	92	92	79	111	
2-Butanone	50	48	96	38	170	
Chloroform	50	47	93	75	113	
1,2-Dichloroethane	50	47	94	79	121	
1,1,1-Trichloroethane	50	43	87	69	118	
Carbon Tetrachloride	50	42	84	62	124	
Bromodichloromethane	50	46	93	80	119	
1,2-Dichloropropane	50	47	94	80	111	
cis-1,3-Dichloropropene	50	48	96	77	111	
Trichloroethene	50	45	91	69	118	
Benzene	50	46	91	73	115	
Dibromochloromethane	50	50	99	80	119	
trans-1,3-Dichloropropene	50	48	96	73	[illegible]	
1,1,2-Trichloroethane	50	49	99	81	120	
Bromoform	50	49	99	74	116	
4-Methyl-2-Pentanone	50	47	94	68	118	
2-Hexanone	50	45	91	42	169	
Tetrachloroethene	50	42	85	59	119	
1,1,2,2-Tetrachloroethane	50	47	93	76	116	
Toluene	50	44	88	71	115	
Chlorobenzene	50	45	90	74	113	
Ethylbenzene	50	43	86	58	149	
Styrene	50	43	86	68	118	
Xylene (total)	150	126	84	63	132	

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

S 0084

QC CHECK STANDARD % RECOVERY CLP
DATE: 11/9/00
MATRIX WATER
AMOUNT SPIKED 50PPB
SAMPLE VOLUME: 5ML
FILE ID : P17326.D
INST. ID: H5970-3

COMPOUND NAME	ADD. UG/L	UG/L	%REC	LCL	UCL	#
Chloromethane	50	52	104	56	128	
Bromomethane	50	53	106	60	134	
Vinyl Chloride	50	42	83	48	137	
Chloroethane	50	50	100	64	124	
Methylene Chloride	50	55	110	76	114	
Acetone	50	53	107	31	171	
Carbon Disulfide	50	44	88	46	137	
1,1-Dichloroethene	50	43	86	58	129	
1,1-Dichloroethane	50	55	110	67	125	
1,2-Dichloroethene (total)	100	107	107	79	111	
2-Butanone	50	53	105	38	170	
Chloroform	50	56	111	75	113	
1,2-Dichloroethane	50	57	114	79	121	
1,1,1-Trichloroethane	50	50	100	69	118	
Carbon Tetrachloride	50	44	89	62	124	
Bromodichloromethane	50	52	104	80	119	
1,2-Dichloropropane	50	54	108	80	111	
cis-1,3-Dichloropropene	50	51	101	77	111	
Trichloroethene	50	49	99	69	118	
Benzene	50	54	107	73	115	
Dibromochloromethane	50	53	105	80	119	
trans-1,3-Dichloropropene	50	49	97	79	109	
1,1,2-Trichloroethane	50	53	106	81	120	
Bromoform	50	54	108	74	116	
4-Methyl-2-Pentanone	50	51	102	68	118	
2-Hexanone	50	52	105	42	169	
Tetrachloroethene	50	55	109	59	119	
1,1,2,2-Tetrachloroethane	50	55	110	76	116	
Toluene	50	55	110	71	115	
Chlorobenzene	50	57	114	74	113	*
Ethylbenzene	50	60	121	58	149	
Styrene	50	59	118	68	118	*
Xylene (total)	150	176	117	63	132	

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

S 0085

7. BLANK SUMMARY DATA AND RESULTS
7.1 VOLATILES

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/6/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Lab File ID: P17234.D Lab Sample ID: VBLK11/6/00

Date Analyzed: 11/06/00 Time Analyzed: 17:33

GC Column: RTX502. ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: H5970-3

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MSB11/6/00	MSB11/6/00	P17235.D	18:02
02	LFB11/6/00	LFB11/6/00	P17237.D	18:55
03	B1-GW	20001101-031	P17238.D	19:21
04	B2-GW	20001101-032	P17239.D	19:48
05	B1-GWMS	20001101-031MS	P17240.D	20:14
06	B1-GWMSD	20001101-031MSD	P17241.D	20:40
07	FB 10/31/00	20001101-047	P17242.D	21:06
08	TB 10/31/00	20001101-048	P17243.D	21:32
09	B3-GW	20001101-033	P17244.D	21:58
10	B4-GW	20001101-034	P17245.D	22:25
11	B5-GW	20001101-035	P17246.D	22:51
12	B6-GW	20001101-036	P17247.D	23:17
13	B7-GW	20001103-195	P17248.D	23:43
14	B8-GW	20001103-196	P17249.D	00:10
15	B9-GW	20001103-197	P17250.D	00:36
16	B10-GW	20001103-198	P17251.D	01:02
17	B11-GW	20001103-199	P17252.D	01:28
18	FB 11/1/00	20001103-200	P17253.D	01:55
19	TB 11/2/00	20001103-201	P17254.D	02:21

COMMENTS:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK11/6/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/6/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17234.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	1	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

VBLK11/6/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/6/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17234.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/06/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0089

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/7/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Lab File ID: P17257.D Lab Sample ID: VBLK11/7/00

Date Analyzed: 11/07/00 Time Analyzed: 12:39

GC Column: RTX502. ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: H5970-3

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MSB11/7/00	MSB11/7/00	P17258.D	13:06
02	B12-GW	20001103-202	P17259.D	13:34
03	B13-GW	20001103-203	P17260.D	14:00
04	B14-GW	20001103-204	P17261.D	14:26
05	FB 11/3/00	20001103-205	P17262.D	15:00
06	TB 11/3/00	20001103-206	P17263.D	15:27
07	B8-GWMS	20001103-196MS	P17266.D	16:49
08	B8-GWMSD	20001103-196MSD	P17267.D	17:15

COMMENTS:

S 0090

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK11/7/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/7/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17257.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
VBLK11/7/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/7/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17257.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/07/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0092

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/8/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Lab File ID: P17304.D Lab Sample ID: VBLK11/8/00

Date Analyzed: 11/08/00 Time Analyzed: 20:49

GC Column: RTX502. ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: H5970-3

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B15-GW	20001107-113	P17320.D	03:49
02	B16-GW	20001107-114	P17321.D	04:15
03	B17-GW	20001107-115	P17322.D	04:41
04	B18-GW	20001107-116	P17323.D	05:08
05	FB 11/6/00	20001107-117	P17324.D	05:34
06	TB 11/6/00	20001107-118	P17325.D	06:01
07	LFB11/8/00	LFB11/8/00	P17326.D	06:27

COMMENTS:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK11/8/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/8/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17304.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/08/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	7	J
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.

VBLK11/8/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/8/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17304.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/08/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0095

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/9/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Lab File ID: P17334.D Lab Sample ID: VBLK11/9/00

Date Analyzed: 11/09/00 Time Analyzed: 14:48

GC Column: RTX502. ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: H5970-3

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	B18-GWDL	20001107-116DL	P17336.D	15:40

COMMENTS:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK11/9/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/9/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17334.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	1	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	3	J
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.
VBLK11/9/00

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/9/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17334.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/09/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0098

H2M LABS, INC.

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.: ANSON00

Lab File ID (Standard): P17233.D Date Analyzed: 11/06/00

Instrument ID: H5970-3 Time Analyzed: 17:07

GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

	IS1(BCM) AREA #	IS1(BCM) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	312654	8.75	1181253	9.81	896357	14.09
UPPER LIMIT	625308	8.25	2362506	9.31	1792714	13.59
LOWER LIMIT	156327	9.25	590627	10.31	448179	14.59
EPA SAMPLE NO.						
01 VBLK11/6/00	324398	8.74	1226673	9.80	941637	14.08
02 MSB11/6/00	335222	8.75	1256827	9.80	954994	14.08
03 LFB11/6/00	355077	8.74	1319654	9.80	1035066	14.08
04 B1-GW	353895	8.73	1362511	9.80	1032099	14.08
05 B2-GW	361524	8.74	1365826	9.81	1066415	14.08
06 B1-GWMS	374663	8.74	1384807	9.81	1053634	14.08
07 B1-GWMSD	373033	8.75	1454738	9.82	1048151	14.08
08 FB 10/31/00	375613	8.74	1387189	9.80	1101402	14.07
09 TB 10/31/00	374566	8.73	1385513	9.80	1087646	14.08
10 B3-GW	385670	8.74	1443598	9.80	1100027	14.08
11 B4-GW	392042	8.74	1437136	9.79	1109094	14.08
12 B5-GW	389328	8.73	1454813	9.80	1114293	14.09
13 B6-GW	389058	8.73	1431091	9.80	1112612	14.08
14 B7-GW	389925	8.74	1439457	9.80	1088710	14.07
15 B8-GW	394929	8.74	1459998	9.80	1143079	14.09
16 B9-GW	390843	8.72	1429457	9.79	1166969	14.07
17 B10-GW	393848	8.73	1515879	9.80	1113538	14.07
18 B11-GW	400812	8.73	1467597	9.80	1123823	14.08
19 FB 11/1/00	399902	8.73	1444201	9.80	1149608	14.08
20 TB 11/2/00	405504	8.74	1513963	9.80	1174762	14.08

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 0100

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: H2M LABS, INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANSON00

Lab File ID (Standard): P17256.D Date Analyzed: 11/07/00

Instrument ID: H5970-3 Time Analyzed: 12:06

GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	401736	8.76	1502168	9.83	1180750	14.11
UPPER LIMIT	803472	8.26	3004336	9.33	2361500	13.61
LOWER LIMIT	200868	9.26	751084	10.33	590375	14.61
EPA SAMPLE NO.						
01 VBLK11/7/00	406632	8.76	1523398	9.83	1270708	14.10
02 MSB11/7/00	405922	8.76	1579799	9.82	1268397	14.10
03 B12-GW	410043	8.76	1564876	9.82	1298824	14.11
04 B13-GW	409514	8.75	1516226	9.82	1253185	14.09
05 B14-GW	417115	8.76	1610622	9.83	1252406	14.10
06 FB 11/3/00	366421	9.08	1533650	10.06	1213643	14.16
07 TB 11/3/00	426950	8.75	1615181	9.82	1295484	14.10
08 B8-GWMS	452600	8.74	1717068	9.81	1313979	14.09
09 B8-GWMSD	452308	8.75	1680892	9.82	1398814	14.09

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.: ANSON00

Lab File ID (Standard): P17302.D Date Analyzed: 11/08/00

Instrument ID: H5970-3 Time Analyzed: 19:48

GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	567281	8.81	2272390	9.87	1791966	14.14
	UPPER LIMIT	1134562	8.31	4544780	9.37	3583932	13.64
	LOWER LIMIT	283641	9.31	1136195	10.37	895983	14.64
	EPA SAMPLE NO.						
01	VBLK11/8/00	530472	8.81	2099858	9.87	1704891	14.14
02	B15-GW	507525	8.81	1993477	9.87	1575410	14.13
03	B16-GW	488817	8.80	1941463	9.87	1578245	14.12
04	B17-GW	504195	8.80	1966984	9.86	1541527	14.14
05	B18-GW	484600	8.81	1977410	9.87	1592370	14.12
06	FB 11/6/00	489419	8.79	1921076	9.86	1571058	14.12
07	TB 11/6/00	483598	8.80	1943858	9.87	1561916	14.11
08	LFB11/8/00	512959	8.80	2068717	9.87	1601994	14.13

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.: ANSON00

Lab File ID (Standard): P17333.D Date Analyzed: 11/09/00

Instrument ID: H5970-3 Time Analyzed: 14:16

GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	563016	8.80	2186540	9.88	1695364	14.14
UPPER LIMIT	1126032	8.30	4373080	9.38	3390728	13.64
LOWER LIMIT	281508	9.30	1093270	10.38	847682	14.64
EPA SAMPLE NO.						
01 VBLK11/9/00	549387	8.81	2044061	9.88	1670997	14.13
02 B18-GWDL	559012	8.80	2155857	9.87	1639221	14.13

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 0173

Analytical Data Package For

ANSON ENVIRONMENTAL
IMPERIAL CLEANERS
SDG NO: ANSON008

GW

B19 7 5.9 PCE-47
=
to
B26

Water Samples
Received: 11/9/00

SAMPLE DATA SUMMARY PACKAGE

NOVEMBER 2000

ABS, INC.

Env esting Laboratories
575 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: 11/9/00
SDG NO.: ANSON008

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: 11/9/00
SDG #: ANSON008

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS	*BNA GC/MS	*GC VOA	PCB	*METALS	OTHER TS
B19 GW	20001110-110	X					
B20	20001110-111	X					
B21	20001110-112	X					
B22	20001110-113	X					
B23	20001110-114	X					
B24	20001110-115	X					
B25	20001110-116	X					
B26	20001110-117	X					
FIELD BLANK 11/7/00	20001110-137	X					
FIELD BLANK 11/8/00	20001110-138	X					
FIELD BLANK 11/9/00	20001110-139	X					
MW#1	20001110-118	X					
MW#2	20001110-119	X					
MW#3	20001110-120	X					
MW#4	20001110-121	X					
MW#5	20001110-122	X					
TRIP BLANK 11/7/00	20001110-140	X					

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

S 0003

Sample Analysis Summary

Sample ID	Matrix	Date Collected	Date Received	Level	Date Analyzed
B19GW	water	11/7/00	11/9/00	LOW	11/15/00
B20GW	water	11/8/00	11/9/00	LOW	11/15/00
B21GW	water	11/8/00	11/9/00	LOW	11/16/00
B22GW	water	11/8/00	11/9/00	LOW	11/16/00
B23GW	water	11/9/00	11/9/00	LOW	11/16/00
B24GW	water	11/9/00	11/9/00	LOW	11/16/00
B25GW	water	11/9/00	11/9/00	LOW	11/16/00
B26GW	water	11/9/00	11/9/00	LOW	11/16/00
FB11/7/00	water	11/7/00	11/9/00	LOW	11/15/00
FB11/8/00	water	11/8/00	11/9/00	LOW	11/15/00
FB11/9/00	water	11/9/00	11/9/00	LOW	11/15/00
MW#1	water	11/8/00	11/9/00	LOW	11/16/00
MW#2	water	11/7/00	11/9/00	LOW	11/16/00
MW#3	water	11/8/00	11/9/00	LOW	11/16/00
MW#4	water	11/8/00	11/9/00	LOW	11/16/00
MW#5	water	11/7/00	11/9/00	LOW	11/18/00
TB11/7/00	water	11/7/00	11/9/00	LOW	11/15/00

2. CHAIN OF CUSTODY DOCUMENTATION

H2M LABS, INC.

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

4625

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENV

H2M SDG NO: 008

ROJECT NAME/NUMBER
MPERIAL CLEANERS/150085

MPLERS: (signature)/Client
John Tegina (JOHN TEGINS)

ELIVERABLES:
ASP CAT. B

RNAROUND TIME:

NOTES:

Project Contact:
DEAN ANSON

Phone Number:
631-351-3555

EPA METHOD 8260

SAMPLES MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description: 40 mL VIALS GLASS	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
/8	1410	WATER	B21 GROUNDWATER 3	2	2						1110-112	
/8	—	"	MW #1 9	2	2						115	
/7	3:42	"	MW # 5 13	2	2						122	
/8	—	"	MW # 4 12	2	2						121	
/9	—	"	B23 GROUNDWATER 5	2	2						114	
/9	—	"	B25 GROUNDWATER 7	2	2						116	
/8	1145	"	B20 GROUNDWATER 2	2	2						111	
/9	1455	"	B26 GROUNDWATER 9	2	2						117	
/9	1105	"	FIELD BLANK	2	2						139	
/7	—	"	TRIP BLANK	2	2						140	
/9	1125	"	B24 GROUNDWATER 6	2	2						115	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J. Tegina	11/9/00	1530	Ell Ward	1530 11/9/00	
Ell Ward	11/9/00	1635		11/9/00 1635	

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.

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

4626

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENV. | H2M SDG NO: 008

PROJECT NAME/NUMBER
IMPERIAL CLEANERS/95085

AMPLERS: (signature)/Client
John Teguin (JOHN TEGUIN)

ELIVERABLES:
ASP CAT B

URNAROUND TIME:

NOTES:

Project Contact:
DEAN ANSON

Phone Number:
631-351-3555

EPA METHOD 8260

SAMPLES MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description: 40 ML GLASS VIALS	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/8	1545	WATER	B22 GROUNDWATER	2	2						1110-113	
11/7	—	"	FIELD BLANK	2	2						1110-(37)	
11/7	1600	"	B19 GROUNDWATER	2	2						1110-110	
11/8	—	"	MW #3	2	2						120	
11/7	1430	"	MW #2	2	2						119	
11/8	1120	"	FIELD BLANK	2	2						138	

Relinquished by: (Signature)	Date	Time	Received by (Signature)	Date	Time
J. Teguin	11/9/00	1530	Ellen Ward	11/9/10	1530
Relinquished by: (Signature)	Date	Time	Received by (Signature)	Date	Time
Ellen Ward	11/9/10	1635		11/9/10	1635
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 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: Anson DELIVERABLES: B5-70 TURN AROUND TIME: 28 Days

SDG #: Anson008 CASE #: _____ MATRIX: GW pH CHECK Y or N

REMARKS: _____

RECEIVED BY: SBM SIGNATURE: SBM DATE: 11/9/00 TIME: 1635

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	BK GW	2004110-110	11.7	DH	2	PUTCL
2	B20	111	11.8			
3	B21	112	11.8			
4	B22	113	11.8			
5	B23	114	11.9			
6	B24	115	11.9			
7	B25	116	11.9			
8	B26	117	11.9			
9	MW#1	118	11.8			
10	2	119	11.7			
11	3	120	11.8			
12	4	121	11.8			
13	5	122	11.7			
14	FieldBlank 11/7/00	137	11.7			
15	11/8/00	138	11.8			
16	11/9/00	139	11.9			
17	TripBlank 11/7/00	140	11.7			
18						
19		140 11/10/00				
20						

S 0008

P 0082

H2M LABS, INC.

CLIENT: Anson

SDG #: ANSON008

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
1/10/00	1800	SIGN	SIGN	DH	analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
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		SIGN	SIGN			
		SIGN	SIGN			

H2M LABS, INC.

3. SDG NARRATIVES

H2M LABS, INC.

SDG NARRATIVE FOR VOLATILES ANALYSES
SAMPLE RECEIVED: 11/9/00
SDG #: ANSON008

For Samples:

B19 GW
B20
B21
B22
B23
B24
B25
B26
FIELD BLANK 11/7/00
FIELD BLANK 11/8/00
FIELD BLANK 11/9/00
MW#1
MW#2
MW#3
MW#4
MW#5
TRIP BLANK 11/7/00

The above samples were analyzed according to the requirements of the NYSDEC ASP 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

o:\qc\narr2000\anson\voa\anson008.rtf

H2M LABS, INC.

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.

H2M LABS, INC.

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.

B19GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-110

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17437.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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	41	
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.
B19GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-110

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17437.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0016

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B20GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-111

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17438.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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 0017

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B20GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-111

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17438.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B21GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-112

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17439.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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	6	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 — EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

B21GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-112

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17439.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B22GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-113

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17440.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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	1	J
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	46	
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

B22GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-113

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17440.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B23GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-114

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17441.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.

B23GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-114

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17441.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0024

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B24GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-115

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17442.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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 — EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

B24GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-115

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17442.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B25GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-116

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17443.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	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	10	U
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.
B25GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-116

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17443.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B26GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-117

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17444.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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	5	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 — EPA SAMPLE NO.

TENTATIVELY IDENTIFIED COMPOUNDS

B26GW

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-117

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17444.D

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

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

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB11/7/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-137

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17436.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	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	10	U
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.
FB11/7/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-137

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17436.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
FB11/7/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-137

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17436.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

FB11/8/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-138

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17435.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.
FB11/8/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-138

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17435.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0034

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB11/9/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-139

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17434.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.

FB11/9/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-139

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17434.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB11/7/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-140

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17433.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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

TB11/7/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: 20001110-140

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17433.D

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

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

5. SURROGATE SPIKE ANALYSIS RESULTS

5.1 VOLATILES

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLK11/15/00	94	99	99	0
02	LFB11/15/00	98	102	101	0
03	TB11/7/00	95	99	101	0
04	FB11/9/00	95	99	108	0
05	FB11/8/00	92	98	102	0
06	FB11/7/00	95	98	101	0
07	B19GW	93	97	100	0
08	B20GW	95	101	102	0
09	B21GW	97	102	102	0
10	B22GW	95	101	99	0
11	B23GW	93	101	96	0
12	B24GW	95	109	97	0
13	B25GW	96	100	102	0
14	B26GW	93	102	101	0
15	MW#1	96	107	91	0
16	MW#2	99	105	98	0
17	MW#3	99	101	101	0
18	MW#4	94	106	96	0

				QC LIMITS
SMC1	(DCE)	=	1,2-Dichloroethane-d4	(76-114)
SMC2	(TOL)	=	Toluene-d8	(88-110)
SMC3	(BFB)	=	Bromofluorobenzene	(86-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLK11/18/00	102	100	96	0
02	MW#5	103	101	96	0

				QC LIMITS
SMC1	(DCE)	=	1,2-Dichloroethane-d4	(76-114)
SMC2	(TOL)	=	Toluene-d8	(88-110)
SMC3	(BFB)	=	Bromofluorobenzene	(86-115)

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: 11/15/00
MATRIX__WATER
AMOUNT SPIKED _50PPB
SAMPLE VOLUME: 5ML
FILE ID : P17432.D
INST. ID: H5970-3

COMPOUND NAME	ADD. UG/L	UG/L	%REC	LCL	UCL	#
Chloromethane	50	45	90	56	128	
Bromomethane	50	41	81	60	134	
Vinyl Chloride	50	41	81	48	137	
Chloroethane	50	42	84	64	124	
Methylene Chloride	50	47	95	76	114	
Acetone	50	41	83	31	171	
Carbon Disulfide	50	42	84	46	137	
1,1-Dichloroethene	50	44	88	58	129	
1,1-Dichloroethane	50	45	91	67	125	
1,2-Dichloroethene (Total)	100	91	91	79	111	
2-Butanone	50	46	92	38	170	
Chloroform	50	46	91	75	113	
1,2-Dichloroethane	50	46	92	79	121	
1,1,1-Trichloroethane	50	40	80	69	118	
Carbon Tetrachloride	50	39	78	62	124	
Bromodichloromethane	50	47	94	80	119	
1,2-Dichloropropane	50	46	93	80	111	
cis-1,3-Dichloropropene	50	45	90	77	111	
Trichloroethene	50	45	90	69	118	
Benzene	50	44	89	73	115	
Dibromochloromethane	50	46	93	80	119	
trans-1,3-Dichloropropene	50	44	89	79	109	
1,1,2-Trichloroethane	50	50	99	81	120	
Bromoform	50	47	94	74	116	
4-Methyl-2-Pentanone	50	47	94	68	118	
2-Hexanone	50	47	95	42	169	
Tetrachloroethene	50	43	86	59	119	
1,1,2,2-Tetrachloroethane	50	48	95	76	116	
Toluene	50	46	92	71	115	
Chlorobenzene	50	47	93	74	113	
Ethylbenzene	50	41	83	58	149	
Styrene	50	45	91	68	118	
Xylene (total)	150	132	88	63	132	

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

7. BLANK SUMMARY DATA AND RESULTS

7.1 VOLATILES

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/15/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Lab File ID: P17428.D Lab Sample ID: VBLK11/15/00

Date Analyzed: 11/15/00 Time Analyzed: 19:14

GC Column: RTX502. ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: H5970-3

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	LFB11/15/00	LFB11/15/00	P17432.D	21:06
02	TB11/7/00	20001110-140	P17433.D	21:33
03	FB11/9/00	20001110-139	P17434.D	22:00
04	FB11/8/00	20001110-138	P17435.D	22:26
05	FB11/7/00	20001110-137	P17436.D	22:53
06	B19GW	20001110-110	P17437.D	23:20
07	B20GW	20001110-111	P17438.D	23:47
08	B21GW	20001110-112	P17439.D	00:14
09	B22GW	20001110-113	P17440.D	00:41
10	B23GW	20001110-114	P17441.D	01:08
11	B24GW	20001110-115	P17442.D	01:35
12	B25GW	20001110-116	P17443.D	02:02
13	B26GW	20001110-117	P17444.D	02:29
14	MW#1	20001110-118	P17445.D	02:56
15	MW#2	20001110-119	P17446.D	03:23
16	MW#3	20001110-120	P17447.D	03:50
17	MW#4	20001110-121	P17448.D	04:17

COMMENTS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK11/15/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/15/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17428.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	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	10	U
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.
VBLK11/15/00

Lab Name: H2M LABS INC Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/15/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P17428.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/15/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/18/00

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Lab File ID: F4742.D Lab Sample ID: VBLK11/18/00

Date Analyzed: 11/18/00 Time Analyzed: 18:33

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

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	MW#5	20001110-122	F4743.D	19:05

COMMENTS

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK11/18/00

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/18/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4742.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/18/00

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/L	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	10	U
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.
VBLK11/18/00

Lab Name: H2M LABS INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS008

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/18/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4742.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

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.: ANS008

Lab File ID (Standard): P17427.D Date Analyzed: 11/15/00

Instrument ID: H5970-3 Time Analyzed: 18:45

GC Column: RTX502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	148096	8.92	602063	9.99	544919	14.28
	UPPER LIMIT	296192	8.42	1204126	9.49	1089838	13.78
	LOWER LIMIT	74048	9.42	301032	10.49	272460	14.78
	EPA SAMPLE NO.						
01	VBLK11/15/00	130353	8.92	549311	10.00	523838	14.26
02	LFB11/15/00	142194	8.91	592722	9.98	543913	14.26
03	TB11/7/00	131323	8.91	561843	9.99	511586	14.27
04	FB11/9/00	110551	8.91	488656	9.98	471076	14.26
05	FB11/8/00	128565	8.91	544799	9.98	519470	14.27
06	FB11/7/00	116766	8.92	495223	9.98	487040	14.26
07	B19GW	121737	8.92	515651	9.99	497523	14.27
08	B20GW	130465	8.91	560945	9.99	491080	14.27
09	B21GW	125117	8.91	533980	9.98	485523	14.26
10	B22GW	133722	8.91	570008	9.99	503203	14.25
11	B23GW	141281	8.90	587442	9.98	533171	14.25
12	B24GW	156894	8.89	642265	9.98	527782	14.25
13	B25GW	125903	8.90	527929	9.98	494226	14.25
14	B26GW	137843	8.89	579342	9.97	507057	14.24
15	MW#1	136240	8.90	562799	9.97	476716	14.24
16	MW#2	137736	8.89	590819	9.97	501774	14.25
17	MW#3	120899	8.89	518740	9.97	480800	14.24
18	MW#4	153479	8.90	636006	9.98	538213	14.26

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.: ANS008

Lab File ID (Standard): F4741.D Date Analyzed: 11/18/00

Instrument ID: H5973 Time Analyzed: 18:02

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

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	22891	4.82	136380	5.78	124169	8.54
UPPER LIMIT	45782	4.32	272760	5.28	248338	8.04
LOWER LIMIT	11446	5.32	68190	6.28	62085	9.04
EPA SAMPLE NO.						
01 VBLK11/18/00	22010	4.82	133862	5.78	118640	8.54
02 MW#5	22116	4.83	131412	5.78	117436	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

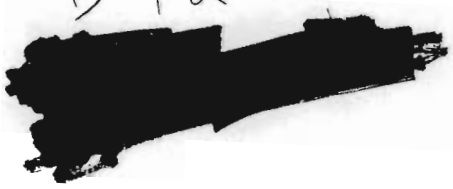
Column to be used to flag values outside QC limit with an asterisk.
* Values outside of contract required QC limits

Analytical Data Package For

ANSON ENVIRONMENTAL
IMPERIAL CLEANERS
SDG NO: ANSON009

GW
B27
to
B42

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



SAMPLE DATA SUMMARY PACKAGE

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: 11/13/00-11/17/00
SDG NO.: ANSON009

H2M LABS, INC.

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 #: ANSON009

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS	*BNA GC/MS	*GC VOA	PCB	*METALS	OTHER TS
B27 GROUNDWATER	20001114-009	X					
B28 GROUNDWATER	20001114-010	X					
B29 GROUNDWATER	20001114-011	X					
B30 GROUNDWATER	20001114-048	X					
B31 GROUNDWATER	20001114-049	X					
B32 GROUNDWATER	20001115-135	X					
B33 GROUNDWATER	20001115-136	X					
B34 GROUNDWATER	20001115-137	X					
B35 GROUNDWATER	20001115-138	X					
B36 GROUNDWATER	20001115-139	X					
B37 GROUNDWATER MS/MSD	20001117-045	X					
B38 GROUNDWATER	20001117-046	X					
B39 GROUNDWATER	20001117-047	X					
B40 GROUNDWATER	20001117-048	X					
B41 GROUNDWATER	20001117-049	X					
B42 GROUNDWATER	20001117-050	X					
FIELD BLANK 11/13/00	20001114-052	X					
FIELD BLANK 11/14/00	20001115-140	X					
FIELD BLANK 11/15/00	20001115-141	X					
FIELD BLANK 11/16/00	20001117-051	X					
PIEZO 1	20001114-050	X					
PIEZO 2	20001114-051	X					
PIEZO 3	20001114-012	X					
PIEZO 4	20001114-013	X					
PIEZO 5	20001114-014	X					
PIEZO 6	20001114-015	X					
TRIP BLANK 11/13/00	20001114-016	X					
TRIP BLANK 11/13/00	20001114-053	X					
TRIP BLANK 11/14/00	20001115-142	X					
TRIP BLANK 11/16/00	20001117-053	X					

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

Sample ID	Matrix	Date Collected	Date Received	Level	Date Analyze
B27-GW	water	11/13/2000	11/13/2000	LOW	0 8:07:00 PM
B28-GW	water	11/13/2000	11/13/2000	LOW	11:47:00 PM
B29-GW	water	11/13/2000	11/13/2000	LOW	12:19:00 AM
B30-GW	water	11/13/2000	11/14/2000	LOW	0 1:53:00 AM
B30-GWDL	water	11/13/2000	11/14/2000	LOW	0 6:12:00 PM
B31-GW	water	11/14/2000	11/14/2000	LOW	0 2:24:00 AM
B32-GW	water	11/14/2000	11/15/2000	LOW	0 3:58:00 AM
B33-GW	water	11/14/2000	11/15/2000	LOW	0 4:30:00 AM
B34-GW	water	11/14/2000	11/15/2000	LOW	0 7:12:00 PM
B35-GW	water	11/15/2000	11/15/2000	LOW	0 7:42:00 PM
B36-GW	water	11/15/2000	11/15/2000	LOW	0 8:13:00 PM
B38-GW	water	11/16/2000	11/17/2000	LOW	0 9:44:00 PM
B39-GW	water	11/16/2000	11/17/2000	LOW	10:14:00 PM
FB 11/13/00	water	11/13/2000	11/14/2000	LOW	0 9:10:00 PM
FB 11/14/00	water	11/14/2000	11/15/2000	LOW	10:13:00 PM
FB 11/15/00	water	11/15/2000	11/15/2000	LOW	10:44:00 PM
FB 11/16/00	water	11/16/2000	11/17/2000	LOW	0 9:13:00 PM
PIEZO 1	water	11/14/2000	11/14/2000	LOW	0 2:56:00 AM
PIEZO 1DL	water	11/14/2000	11/14/2000	LOW	0 6:42:00 PM
PIEZO 2	water	11/14/2000	11/14/2000	LOW	0 3:27:00 AM
PIEZO 3	water	11/13/2000	11/13/2000	LOW	12:50:00 AM
PIEZO 4	water	11/13/2000	11/13/2000	LOW	0 1:22:00 AM
PIEZO 5	water	11/13/2000	11/13/2000	LOW	0 5:11:00 PM
PIEZO 5DL	water	11/13/2000	11/13/2000	LOW	0 4:11:00 PM
PIEZO 6	water	11/13/2000	11/13/2000	LOW	0 5:41:00 PM
PIEZO 6DL	water	11/13/2000	11/13/2000	LOW	0 4:41:00 PM
TB 11/13/00	water	11/13/2000	11/14/2000	LOW	0 9:42:00 PM
TB 11/14/00	water	11/14/2000	11/15/2000	LOW	11:16:00 PM
TB 11/16/00	water	11/16/2000	11/17/2000	LOW	0 8:43:00 PM
TRIP BLANK 11/13	water	11/13/2000	11/13/2000	LOW	0 8:39:00 PM

JMA 12/6/00

~~B37~~

~~B37MS~~

~~B37MSD~~

SUMMARY 12/5/2000

Sample ID	Matrix	Date Collected	Date Received	Level	Date Analyze
B37-GW	water	11/16/2000	11/17/2000	LOW	0 5:40:00 PM
B37-GWMS	water	11/16/2000	11/17/2000	LOW	0 7:41:00 PM
B37-GWMSD	water	11/16/2000	11/17/2000	LOW	0 8:11:00 PM
B40-GW	water	11/16/2000	11/17/2000	LOW	0 6:10:00 PM
B41-GW	water	11/16/2000	11/17/2000	LOW	0 6:41:00 PM
B42-GW	water	11/16/2000	11/17/2000	LOW	0 7:11:00 PM

S-0005

2. CHAIN OF CUSTODY DOCUMENTATION

H2M LABS, INC.

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

4639

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON

H2M SDG NO:

PROJECT NAME/NUMBER: IMPERIAL CLEANERS / #95085

SAMPLERS: (signature)/Client: John Tegina

DELIVERABLES: ASP CAT. B B5-70

TURNAROUND TIME: 28 DAYS

NOTES:

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description: 40 ml AMBER GLASS PUTZ	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/13	1215	WATER	B29 GROUNDWATER	2	2						20001115-011	
"	1035	"	B28 GROUNDWATER	2	2						-010	
"		"	TRIP BLANK	2	2						-016	
11/13	1415	"	B27 GROUNDWATER	2	2						-009	
11/13	1220	"	PIEZO 5	2	2						-014	
11/13	1440	"	PIEZO 3	2	2						-012	
11/13	1110	"	PIEZO 6	2	2						-015	
11/13	1350	"	PIEZO 4	2	2						-013	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J. Tegina	11/30/00	1510		11/30/00	1510
	11/30/00	1550		11/30/00	1550
	Date	Time		11/30/00	1552
	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 11/13/00 YELLOW COPY - CLIENT PINK COPY - LABORATORY

H2M LABS, INC.

INTERNAL CHAIN OF CUSTODY

CLIENT: ANSON DELIVERABLES: B5-TC TURN AROUND TIME: 28 Day Pckg

SDG #: ~~GW~~ ANSON009 CASE #: _____ MATRIX: GW pH CHECK Y or N

REMARKS: Samples may contain high concentrations of VOCs

RECEIVED BY: SPM SIGNATURE: SPM DATE: 11/13/ TIME: 1550

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	~~B27~~ ~~B28~~ Groundwater K	20001114 -009	11/13/00	DM	2	PVTCL
2	B28	-010				
3	B29	-011				
4	PIEZO 3	-012				
5	4	-013				
6	5	-014				
7	6	-015				
8	TRIP Blank 11/13/00	-016				
9						
10						
11						
12						
13			11/14/00			
14						
15						
16						
17						
18						
19						
20						

S 0008

H2M LABS, INC.

CLIENT: Anson

SDG #: 009

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/14/00	1200	SIGN [signature]	SIGN [signature]	Dry	Analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
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H2M LABS, INC.

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

4651 11/14/00 SEQ

EXTERNAL CHAIN OF CUSTODY

CLIENT: ANSON ENVIRONMENTAL | H2M SDG NO: 009

PROJECT NAME/NUMBER: IMPERIAL CLNRS/95085

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

DELIVERABLES: ASP CAT B

TURNAROUND TIME: 28 DAYS

NOTES:

Project Contact: DEAN ANSON

Phone Number: 631 351 3551

EPA 8260

SAMPLES MAY CONTAIN HIGH CONCENTRATIONS OF VOC

2000 DATE	TIME	MATRIX	FIELD I.D.	Total No. of Containers	Sample Container Description: 40 mL AMBER/GLASS	ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/14	1020	WATER	PIEZO 2	2	2						20001114-051	
11/14	1105	"	PIEZO 1	2	2						20001114-050	
11/14	1020	"	FIELD BLANK 11/14/00	2	2						—	did not receive
11/14	0950	"	B31 GROUNDWATER	2	2						20001114-049	
11/13	1545	"	B30 GROUNDWATER	2	2						20001114-048	
11/13	1555	"	FIELD BLANK 11/13/00	2	2						20001114-052	
		"	TRIP BLANK 11/13/00	2	2						20001114-053	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
J. Teglia	11/14/00	1200		11/14/00	12:00
	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: See non-compliance

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. (Y) 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: B5-10 TURN AROUND TIME: 28 days

SDG #: 009 CASE #: _____ MATRIX: GW pH CHECK Y or (N)

REMARKS: Samples may contain high concentrations of VOCs

RECEIVED BY: SEF SIGNATURE: SEF DATE: 11/14/00 TIME: 13:45

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	B36 Groundwater	2000114-048	11/13/00	Nh	2	PVTCL
2	B31 Groundwater	049	11/14/00			
3	Piezo 1	050	11/14/00			
4	Piezo 2	051	11/14/00			
5	Field Blank-11/13/00	052	11/13/00			
6	Trip Blank-11/13/00	053	11/13/00			
7						
8						
9						
10						
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12						
13						
14						
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17						
18						
19						
20						

11/14/00 SEF

S 0011
P 0100

H2M LABS, INC.

CLIENT: ANSON

SDG #: 009

INTERNAL CHAIN OF CUSTODY

DATE	11/14/00 SEF TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/14/00	9:16:00	SIGN [signature]	SIGN [signature]	DH	Analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
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H2M LABS, INC.

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

4642

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: 28 DAYS

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: 40 ml AMBER GLASS — ANALYSIS REQUESTED: ORGANIC VOA	ORGANIC BNA	ORGANIC Pest/PCB	INORG. Metal	INORG. CN	LAB I.D. NO.	REMARKS:
11/14	1030	WATER	FIELD BLANK	2	2					-140	
11/14	1440	"	B33 GROUNDWATER	2	2					-136	
11/15	1040	"	FIELD BLANK	2	2					-141	
11/14	1620	"	B34 GROUNDWATER	2	2					-137	
11/15	1010	"	B35 GROUNDWATER	2	2					-138	
11/14	1205	"	B32 GROUNDWATER	2	2					20001115-135	
11/15	1150	"	B36 GROUNDWATER	2	2					-139	
		"	TRIP BLANK	2	2					-142	

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

H2M LABS, INC.

HOT

INTERNAL CHAIN OF CUSTODY

CLIENT: ANSON DELIVERABLES: B5 TX TURN AROUND TIME: 28 Day

SDG #: 009 CASE #: _____ MATRIX: GW pH CHECK Y or N

REMARKS: Sample may contain high concentr of VOC's

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

	CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1	B32 Groundwater	2000115 -135	11/14/00	DI	2	PUTCH
2	B33	-136	11/14/00	"	"	"
3	B34	-137	11/14/00	"	"	"
4	B35	-138	11/14/00			
5	B36	-139	11/14/00			
6	Field Blank	-140	11/14/00			
7	Field Blank 11/15/00	-141	11/15/00			
8	Trip Blank 11/14/00	-142	11/14/00	✓	✓	✓
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

H2M LABS, INC.

CLIENT: ANSON

SDG #: ~~GAF~~ CC9 [illegible]

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/15/00	8:00	SIGN [illegible]	SIGN [illegible]	Dy	Analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
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		SIGN	SIGN			
		SIGN	SIGN			

H2M LABS, INC.

4646

EXTERNAL CHAIN OF CUSTODY

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

CLIENT: ANSON ENVIRONMENTAL | H2M SDG NO: 0009

PROJECT NAME/NUMBER: IMPERIAL CLEANERS / 95085

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

DELIVERABLES: ASP CATEGORY B

TURNAROUND TIME: 28 DAYS

NOTES: Analyze all waters KEP 11/17/00 EPA METHOD 8260 — SAMPLES MAY CONTAIN HIGH CONCENTRATIONS OF VOCs

Project Contact: DEAN ANSON

Phone Number: 631-351-3555

Sample Container Description: 40ml 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:
11/16	0950	WATER	B38 GROUNDWATER	2						2000111 7 -046	
11/15	1510	"	B37 GROUNDWATER	6	6					-045	INCLUDES MS/MSD
11/16	1320	"	FIELD BLANK	2	2					-051	
11/16	1140	"	B39 GROUNDWATER	2	2					-047	
11/16	1500	"	B41 GROUNDWATER	2	2					-049	
11/16	1340	"	B40 GROUNDWATER	2	2					-048	
			TRIP BLANK	2	2					-053	
11/16	1610	"	B42 GROUNDWATER	2	2					-050	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
John Tegins	11/17/00	1052		11/17	1052
	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: B5-10 TURN AROUND TIME: 28 Day

SDG #: ANSON'09 CASE #: _____ MATRIX: GW pH CHECK Y or N

REMARKS: _____

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

CLIENT ID	H2M LAB #	DATE COLLECTED	BOTTLE TYPE	# OF BOTTLES	TESTS REQUESTED
1 B37 Groundwater MS/MSD	2000117 -045	11/16/00	DI	6	PUTCH
2 B38	-046			2	
3 B39	-047				
4 B40	-048				
5 B41	-049				
6 B42	-050				
7 Field Blank 11/16/00	-051				
8 Trip Blank 11/16/00	-053				
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

SBM 11/17/00

11/17/00

SBM 11/17

H2M LABS, INC.

CLIENT: ANSON

SDG #: ANSON114

INTERNAL CHAIN OF CUSTODY

DATE	TIME	SAMPLE RELINQUISHED BY	SAMPLE RECEIVED BY	BOTTLE TYPE	PURPOSE OF CHANGE OF CUSTODY	INIT
11/17/05	16:00	SIGN [illegible signature]	SIGN [illegible signature]	DH	Analysis	
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
		SIGN	SIGN			
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H2M LABS, INC.

3. SDG NARRATIVES

H2M LABS, INC.

SDG NARRATIVE FOR VOLATILES ANALYSES
SAMPLE RECEIVED: 11/13/00-11/17/00
SDG #: ANSON009

For Samples:

B27 GROUNDWATER	B42 GROUNDWATER
B28 GROUNDWATER	FIELD BLANK 11/14/00
B29 GROUNDWATER	FIELD BLANK 11/13/00
B30 GROUNDWATER	FIELD BLANK 11/15/00
B31 GROUNDWATER	FIELD BLANK 11/16/00
B32 GROUNDWATER	PIEZO 1
B33 GROUNDWATER	PIEZO 2
B34 GROUNDWATER	PIEZO 3
B35 GROUNDWATER	PIEZO 4
B36 GROUNDWATER	PIEZO 5
B37 GROUNDWATER MS/MSD	PIEZO 6
B38 GROUNDWATER	TRIP BLANK 11/13/00
B39 GROUNDWATER	TRIP BLANK 11/13/00
B40 GROUNDWATER	TRIP BLANK 11/14/00
B41 GROUNDWATER	TRIP BLANK 11/16/00

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

Sample B37 GROUNDWATER was analyzed as the matrix spike/matrix spike duplicate. The surrogate standard d4 1,2 dichloroethane had a 115% recovery in the matrix spike duplicate (upper limit 114%).

Due to concentration levels of targeted analytes above the calibration range, the following samples were reanalyzed at a dilution: PIEZO 1, PEIZO 5, PEIZO 6, and B30GROUNDWATER. Both sets of data are submitted.

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 7, 2000

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

Joann M. Slavin
Laboratory Manager

o:\qc\narr2000\anson\voa\anson009.rtf

H2M LABS, INC.

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, $D = \frac{100 - 24}{100} = 0.76$

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

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.

H2M LABS, INC.

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. Similariy, 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

B27-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-009

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4745.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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/L	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	10	U
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)	1	J
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	19	
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

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B28-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-010

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4752.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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/L	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	10	U
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.

B28-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-010

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4752.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B29-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-011

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4753.D

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

% Moisture: not dec. Date Analyzed: 11/19/00

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/L	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	10	U
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.

B29-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-011

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4753.D

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

% Moisture: not dec. Date Analyzed: 11/19/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B30-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-048

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4756.D

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

% Moisture: not dec. Date Analyzed: 11/19/00

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/L	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	10	U
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)	120	
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	24	
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	1200	E
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

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B30-GWDL

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-048

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4781.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 25.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	250	U
74-83-9	Bromomethane	250	U
75-01-4	Vinyl Chloride	250	U
75-00-3	Chloroethane	250	U
75-09-2	Methylene Chloride	250	U
67-64-1	Acetone	250	U
75-15-0	Carbon Disulfide	250	U
75-35-4	1,1-Dichloroethene	250	U
75-34-4	1,1-Dichloroethane	250	U
540-59-0	1,2-Dichloroethene (total)	110	JD
78-93-3	2-Butanone	250	U
67-66-3	Chloroform	250	U
107-06-2	1,2-Dichloroethane	250	U
71-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	250	U
75-27-4	Bromodichloromethane	250	U
78-87-5	1,2-Dichloropropane	250	U
10061-01-5	cis-1,3-Dichloropropene	250	U
79-01-6	Trichloroethene	250	U
71-43-2	Benzene	250	U
124-48-1	Dibromochloromethane	250	U
10061-02-6	trans-1,3-Dichloropropene	250	U
79-00-5	1,1,2-Trichloroethane	250	U
75-25-2	Bromoform	250	U
108-10-1	4-Methyl-2-Pentanone	250	U
591-78-6	2-Hexanone	250	U
127-18-4	Tetrachloroethene	1200	D
79-34-5	1,1,2,2-Tetrachloroethane	250	U
108-88-3	Toluene	250	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	250	U
100-42-5	Styrene	250	U
1330-20-7	Xylene (total)	250	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B30-GWDL

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-048

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4781.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

GC Column: HP-VOC ID: 0.20 (mm) Dilution Factor: 25.0

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B30-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-048

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4756.D

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

% Moisture: not dec. Date Analyzed: 11/19/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0031

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B31-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-049

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4757.D

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

% Moisture: not dec. Date Analyzed: 11/19/00

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/L	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	10	U
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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B32-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-135

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4760.D

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

% Moisture: not dec. Date Analyzed: 11/19/00

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/L	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	10	U
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

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B32-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-135

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4760.D

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

% Moisture: not dec. Date Analyzed: 11/19/00

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/L	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	10	U
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.
B32-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-135

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4760.D

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

% Moisture: not dec. Date Analyzed: 11/19/00

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

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

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

Number TICs found: 1

	CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	001634-04-4	Propane, 2-methoxy-2-methyl-	3.87	10	JN

S 0037

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B33-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-136

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4761.D

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

% Moisture: not dec. Date Analyzed: 11/19/00

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/L	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	10	U
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.
B33-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-136

Sample wt/vol: 5 0 (g/ml) ML Lab File ID: F4761.D

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

% Moisture: not dec. Date Analyzed: 11/19/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B34-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-137

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4783.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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/L	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	10	U
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.

B34-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-137

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4783.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B35-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-138

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4784.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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/L	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	10	U
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.

B35-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-138

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4784.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B36-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-139

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4785.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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/L	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	10	U
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.

B36-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-139

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4785.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B37-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-045

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4797.D

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

% Moisture: not dec. Date Analyzed: 11/21/00

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/L	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	10	U
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.

B37-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-045

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4797.D

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

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B38-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-046

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4788.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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/L	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	10	U
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	54	
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-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-046

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4788.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B39-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-047

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4789.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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/L	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	10	U
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	
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-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-047

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4789.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B40-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-048

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4798.D

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

% Moisture: not dec. Date Analyzed: 11/21/00

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/L	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	10	U
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	9	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.

B40-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-048

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4798.D

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

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B41-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-049

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4799.D

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

% Moisture: not dec. Date Analyzed: 11/21/00

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/L	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	10	U
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 0054

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B41-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-049

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4799.D

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

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0055

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B42-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-050

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4800.D

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

% Moisture: not dec. Date Analyzed: 11/21/00

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/L	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	10	U
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	53	
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-GW

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-050

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4800.D

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

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

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

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	2.60	5	J

S 0057

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 11/13/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-052

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4747.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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/L	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	10	U
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.

FB 11/13/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-052

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4747.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0059

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

FB 11/14/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-140

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4749.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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/L	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	10	U
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 0060

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB 11/14/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-140

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4749.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0061

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 11/15/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-141

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4750.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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/L	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	10	U
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.

FB 11/15/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-141

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4750.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0063

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TR IP BLANK 11/13/

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-016

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4746.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

12/4/00

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	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	10	U
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.

TB 11/13/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-053

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4748.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0083

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIP BLANK 11/13/

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001114-016

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4746.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0085

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB 11/14/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-142

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4751.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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/L	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	10	U
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.

TB 11/14/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001115-142

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4751.D

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

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0087

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB 11/16/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-053

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4786.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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/L	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	10	U
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 0088

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB 11/16/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-053

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4786.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0089

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB 11/16/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-051

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4787.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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/L	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	10	U
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 0090

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB 11/16/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: 20001117-051

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4787.D

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

% Moisture: not dec. Date Analyzed: 11/20/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0091

5. SURROGATE SPIKE ANALYSIS RESULTS

5.1 VOLATILES

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLK11/18/00	102	100	96	0
02	B27-GW	101	101	97	0
03	TRIP BLANK 11/13	103	100	99	0
04	FB 11/13/00	101	100	98	0
05	TB 11/13/00	104	100	95	0
06	FB 11/14/00	102	101	96	0
07	FB 11/15/00	103	100	96	0
08	TB 11/14/00	103	101	96	0
09	B28-GW	102	100	97	0
10	B29-GW	103	101	96	0
11	PIEZO 3	101	100	95	0
12	PIEZO 4	101	100	95	0
13	B30-GW	102	100	95	0
14	B31-GW	104	101	96	0
15	PIEZO 1	101	100	96	0
16	PIEZO 2	104	101	96	0
17	B32-GW	102	100	95	0
18	B33-GW	105	100	95	0
19	VBLK 11/20/0	98	101	98	0
20	LFB 11/20/00	91	100	101	0
21	PIEZO 5DL	103	101	99	0
22	PIEZO 6DL	103	102	99	0
23	PIEZO 5	94	101	98	0
24	PIEZO 6	95	102	97	0
25	B30-GWDL	94	102	98	0
26	PIEZO 1DL	104	102	99	0
27	B34-GW	104	102	99	0
28	B35-GW	105	102	97	0
29	B36-GW	105	102	98	0
30	TB 11/16/00	97	102	98	0
31	FB 11/16/00	102	102	101	0
32	B38-GW	93	103	100	0
33	B39-GW	105	102	97	0

				QC LIMITS
SMC1	(DCE)	=	1,2-Dichloroethane-d4	(76-114)
SMC2	(TOL)	=	Toluene-d8	(88-110)
SMC3	(BFB)	=	Bromofluorobenzene	(86-115)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

	EPA SAMPLE NO.	SMC1 (DCE) #	SMC2 (TOL) #	SMC3 (BFB) #	TOT OUT
01	VBLK 11/21/0	113	101	98	0
02	MSB 11/21/00	102	101	96	0
03	B37-GW	100	100	97	0
04	B40-GW	102	102	96	0
05	B41-GW	112	100	96	0
06	B42-GW	99	100	98	0
07	B37-GWMS	113	100	95	0
08	B37-GWMSD	115*	99	97	1

				QC LIMITS
SMC1	(DCE)	=	1,2-Dichloroethane-d4	(76-114)
SMC2	(TOL)	=	Toluene-d8	(88-110)
SMC3	(BFB)	=	Bromofluorobenzene	(86-115)

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

3A

WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: H2M LABS, INC Contract: -

Lab Code: 10478 Case No.: SDG No: ANS009

Matrix Spike - EPA Sample No.: MSB11/21/00 SAS No.:

COMPOUND	SPIKE ADDED UG/L	MS CONCENTRATION UG/L	MS % REC	#	QC. LIMITS REC.
1,1-Dichloroethene	50	53	106		(61-145)
Trichloroethene	50	55	110		(71-120)
Benzene	50	49	98		(76-127)
Toluene	50	55	110		(76-125)
Chlorobenzene	50	52	104		(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

3A

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: H2M LABS, INC. Contract: _____

Lab Code: 10478 Case No.: _____ SAS No.: _____ SDG No.: ANS009

Matrix Spike - EPA Sample No.: B37-GW

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50	0.0	54	108	61 - 145
Trichloroethene	50	0.0	51	102	71 - 120
Benzene	50	0.0	46	92	76 - 127
Toluene	50	0.0	50	100	76 - 125
Chlorobenzene	50	0.0	48	96	75 - 130

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	57	114	5	14	61 - 145
Trichloroethene	50	51	102	0	14	71 - 120
Benzene	50	47	94	2	11	76 - 127
Toluene	50	52	104	4	13	76 - 125
Chlorobenzene	50	49	98	2	13	75 - 130

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 0097

QC CHECK STANDARD % RECOVERY CLP
DATE: 11/20/00
MATRIX WATER
AMOUNT SPIKED 50PPB
SAMPLE VOLUME: 5ML
FILE ID : F4770.D
INST. ID: H5973

COMPOUND NAME	ADD. UG/L	UG/L	%REC	UCL	LCL	#
Chloromethane	50	45	89	56	128	
Bromomethane	50	46	92	60	134	
Vinyl Chloride	50	44	88	48	137	
Chloroethane	50	45	89	64	124	
Methylene Chloride	50	46	93	76	114	
Acetone	50	44	88	31	171	
Carbon Disulfide	50	44	88	46	137	
1,1-Dichloroethene	50	43	85	58	129	
1,1-Dichloroethane	50	45	91	67	125	
1,2-Dichloroetnene (total)	100	95	95	79	111	
2-Butanone	50	45	90	38	170	
Chloroform	50	51	101	75	113	
1,2-Dichloroethane	50	47	93	79	111	
1,1,1-Trichloroethane	50	47	94	69	118	
Carbon Tetrachloride	50	43	87	62	124	
Bromodichloromethane	50	55	109	80	109	✓
1,2-Dichloropropane	50	49	99	80	111	
cis-1,3-Dichloropropene	50	50	99	77	111	
Trichloroethene	50	49	98	69	118	
Benzene	50	49	98	73	115	
Dibromochloromethane	50	48	97	80	109	
trans-1,3-Dichloropropene	50	49	97	79	109	
1,1,2-Trichloroethane	50	47	94	81	110	
Bromoform	50	47	95	74	116	
4-Methyl-2-Pentanone	50	48	97	68	118	
2-Hexanone	50	47	94	42	169	
Tetrachloroethene	50	44	89	59	119	
1,1,2,2-Tetrachloroethane	50	48	95	76	116	
Toluene	50	48	96	71	115	
Chlorobenzene	50	47	95	74	113	
Ethylbenzene	50	47	95	58	149	
Styrene	50	48	96	68	118	
Xylene (total)	150	138	92	63	132	

SMO 12/6/00

*-value outside of QC limits.

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

S 0098

H2M LABS, INC.

7. BLANK SUMMARY DATA AND RESULTS
   7.1 VOLATILES

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK11/18/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Lab File ID: F4742.D Lab Sample ID: VBLK11/18/00

Date Analyzed: 11/18/00 Time Analyzed: 18:33

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

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	B27-GW	20001114-009	F4745.D	20:07
02	TRIP BLANK 11/13	20001114-016	F4746.D	20:39
03	FB 11/13/00	20001114-052	F4747.D	21:10
04	TB 11/13/00	20001114-053	F4748.D	21:42
05	FB 11/14/00	20001115-140	F4749.D	22:13
06	FB 11/15/00	20001115-141	F4750.D	22:44
07	TB 11/14/00	20001115-142	F4751.D	23:16
08	B28-GW	20001114-010	F4752.D	23:47
09	B29-GW	20001114-011	F4753.D	00:19
10	PIEZO 3	20001114-012	F4754.D	00:50
11	PIEZO 4	20001114-013	F4755.D	01:22
12	B30-GW	20001114-048	F4756.D	01:53
13	B31-GW	20001114-049	F4757.D	02:24
14	PIEZO 1	20001114-050	F4758.D	02:56
15	PIEZO 2	20001114-051	F4759.D	03:27
16	B32-GW	20001115-135	F4760.D	03:58
17	B33-GW	20001115-136	F4761.D	04:30

COMMENTS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK11/18/00

Lab Name: H2M LABS. INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/18/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4742.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/L	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	10	U
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.
VBLK11/18/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/18/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4742.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/18/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK 11/20/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Lab File ID: F4769.D Lab Sample ID: VBLK11/20/00

Date Analyzed: 11/20/00 Time Analyzed: 12:02

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

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	LFB 11/20/00	LFB11/20/00	F4770.D	12:34
02	PIEZO 5DL	20001114-014DL	F4777.D	16:11
03	PIEZO 6DL	20001114-015DL	F4778.D	16:41
04	PIEZO 5	20001114-014	F4779.D	17:11
05	PIEZO 6	20001114-015	F4780.D	17:41
06	B30-GWDL	20001114-048DL	F4781.D	18:12
07	PIEZO 1DL	20001114-050DL	F4782.D	18:42
08	B34-GW	20001115-137	F4783.D	19:12
09	B35-GW	20001115-138	F4784.D	19:42
10	B36-GW	20001115-139	F4785.D	20:13
11	TB 11/16/00	20001117-053	F4786.D	20:43
12	FB 11/16/00	20001117-051	F4787.D	21:13
13	B38-GW	20001117-046	F4788.D	21:44
14	B39-GW	20001117-047	F4789.D	22:14

COMMENTS

S 0103

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK 11/20/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/20/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4769.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/20/00

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/L	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	10	U
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 0104

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK 11/20/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/20/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4769.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/20/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0105

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK 11/21/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Lab File ID: F4795.D Lab Sample ID: VBLK11/21/00

Date Analyzed: 11/21/00 Time Analyzed: 16:39

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

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	MSB 11/21/00	MSB11/21/00	F4796.D	17:10
02	B37-GW	20001117-045	F4797.D	17:40
03	B40-GW	20001117-048	F4798.D	18:10
04	B41-GW	20001117-049	F4799.D	18:41
05	B42-GW	20001117-050	F4800.D	19:11
06	B37-GWMS	20001117-045MS	F4801.D	19:41
07	B37-GWMSD	20001117-045MSD	F4802.D	20:11

COMMENTS

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK 11/21/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/21/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4795.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/21/00

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/L	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	10	U
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.

VBLK 11/21/00

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Matrix: (soil/water) WATER Lab Sample ID: VBLK11/21/00

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: F4795.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 11/21/00

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

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

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

S 0108

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.: ANSON00

Lab File ID (Standard): F4741.D Date Analyzed: 11/18/00

Instrument ID: H5973 Time Analyzed: 18:02

GC Column: HP-VOC0L ID: 0.20 (mm) Heated Purge: (Y/N) N

	IS1(BCM) AREA #	IS1(BCM) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	22891	4.82	136380	5.78	124169	8.54
UPPER LIMIT	45782	4.32	272760	5.28	248338	8.04
LOWER LIMIT	11446	5.32	68190	6.28	62085	9.04
EPA SAMPLE NO.						
01 VBLK11/18/00	22010	4.82	133862	5.78	118640	8.54
02 B27-GW	21535	4.82	129248	5.78	114174	8.54
03 TRIP BLANK 11/13	20809	4.83	127463	5.78	113611	8.54
04 FB 11/13/00	20961	4.82	125477	5.78	112699	8.54
05 TB 11/13/00	20297	4.83	124348	5.78	112457	8.54
06 FB 11/14/00	20939	4.83	123959	5.78	110937	8.54
07 FB 11/15/00	20197	4.83	122197	5.78	110081	8.54
08 TB 11/14/00	20104	4.82	122355	5.78	110172	8.54
09 B28-GW	20102	4.82	120667	5.78	109092	8.54
10 B29-GW	19873	4.82	119697	5.78	107228	8.54
11 PIEZO 3	20356	4.83	121349	5.78	109267	8.54
12 PIEZO 4	19927	4.82	118667	5.78	107109	8.54
13 B30-GW	19981	4.82	120185	5.78	107893	8.54
14 B31-GW	19339	4.82	116834	5.78	104516	8.54
15 PIEZO 1	19506	4.83	117003	5.78	104975	8.54
16 PIEZO 2	19169	4.82	114105	5.78	103157	8.54
17 B32-GW	19281	4.82	113970	5.78	103839	8.54
18 B33-GW	18703	4.82	112023	5.78	101721	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 0110

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: H2M LABS, INC. Contract:

Lab Code: 10478 Case No.: SAS No.: SDG No.: ANS009

Lab File ID (Standard): F4768.D Date Analyzed: 11/20/00

Instrument ID: H5973 Time Analyzed: 11:31

GC Column: HP-VOC0L ID: 0.20 (mm) Heated Purge: (Y/N) N

	IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	21389	4.82	130186	5.78	119988	8.54
UPPER LIMIT	42778	4.32	260372	5.28	239976	8.04
LOWER LIMIT	10695	5.32	65093	6.28	59994	9.04
EPA SAMPLE NO.						
01 VBLK 11/20/0	21878	4.83	125819	5.78	112854	8.54
02 LFB 11/20/00	22629	4.83	127339	5.78	116912	8.54
03 PIEZO 5DL	19778	4.82	120592	5.78	109800	8.54
04 PIEZO 6DL	19649	4.82	118344	5.78	107050	8.54
05 PIEZO 5	20989	4.82	117830	5.78	107725	8.54
06 PIEZO 6	21517	4.83	119690	5.78	108819	8.54
07 B30-GWDL	21006	4.82	116686	5.78	105326	8.54
08 PIEZO 1DL	18574	4.82	113705	5.78	103393	8.54
09 B34-GW	18533	4.82	113894	5.78	103203	8.54
10 B35-GW	18060	4.83	110620	5.78	100627	8.54
11 B36-GW	17709	4.82	109562	5.78	99644	8.54
12 TB 11/16/00	19078	4.82	108405	5.78	98616	8.54
13 FB 11/16/00	18176	4.82	106630	5.78	98436	8.54
14 B38-GW	19966	4.82	106972	5.78	97934	8.54
15 B39-GW	19861	4.82	106576	5.78	97863	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.: ANS009

Lab File ID (Standard): F4794.D Date Analyzed: 11/21/00

Instrument ID: H5973 Time Analyzed: 16:09

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

		IS1(BCM) AREA	#	RT	#	IS2(DFB) AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#
	12 HOUR STD	20088		4.82		114826		5.78		106561		8.54	
	UPPER LIMIT	40176		4.32		229652		5.28		213122		8.04	
	LOWER LIMIT	10044		5.32		57413		6.28		53281		9.04	
	EPA SAMPLE NO.												
01	VBLK 11/21/0	18250		4.82		112327		5.78		101221		8.54	
02	MSB 11/21/00	20023		4.82		111835		5.78		100493		8.54	
03	B37-GW	20406		4.82		109539		5.78		99555		8.54	
04	B40-GW	19205		4.82		106350		5.78		95833		8.54	
05	B41-GW	17352		4.82		105296		5.78		95994		8.54	
06	B42-GW	19723		4.82		105224		5.78		96757		8.54	
07	B37-GWMS	16978		4.82		104206		5.78		95895		8.54	
08	B37-GWMSD	16411		4.83		103582		5.78		93840		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 0112