CW CHEMWORLD ENVIRONMENTAL, INC.
Environmental Consultants

January 4, 1999

Mr. Thomas Fox
Camp Dresser & McKee , Inc.
100 Crossways Park Drive West
Suite 415
Woodbury, New York 11797-2012

RE: Data Usability Summary Report (DUSR)
Active Industrial Uniform Project
H2M Labs, Inc.
SDG Nos. CD&M040 and CD&M041
Analyses for Volatile Organics

Dear Mr. Fox:

Data Usability Summary Report (DUSR) technical services were performed by ChemWorld Environmental, Inc. for the Active Industrial Uniform project for the sampling event of October 5-8, 1998. The analytical data from the Sample Delivery Group (SDG) Nos. noted above were reviewed (screened) for Volatiles. The data screening consisted of a review of the Quality Control (QC) Summary Forms and a brief review of various chromatograms and quantitation reports. The QC Forms were reviewed to determine whether any data required qualification based upon QC deviations noted on the Forms. The associated Analytical Data Summary tables are included as Attachment A. These summary tables include data qualifiers as described within this letter report.

The DUSR review items include the following, as method appropriate:

- Holding Times from Verified Time of Sample Receipt (VTSR)
- Surrogate Recovery
- GC/MS Instrument Performance Check
- Initial and Continuing Calibration
- Matrix Spike / Matrix Spike Duplicates (MS/MSD)
- Matrix Spike Blanks (MSB)
- Internal Standards
- Method and Field Blanks
- Tentatively Identified Compounds (TICs)
- Field Duplicates - (Not collected for this sampling event)

The QC Summary Forms included various deviations based upon acceptable limits for quality control. The following should be noted regarding qualification of the data set for the review items above.

Volatiles (SDG No. CD&M040)

Continuing Calibration: Several of the continuing calibrations had percent differences (%D) which exceeded the 25% limit for 2-butanone, 2-hexanone and bromoform. The samples associated with these continuing calibrations were qualified as 'UJ', estimated, for the non-detectable results, for the compounds noted. Positive results were not detected for these three compounds.

Field Blanks: The field blank collected on 10/08/98 was found to contain carbon disulfide at 6 ug/L. Carbon Disulfide was not detected in the associated samples, therefore, qualification was not required.

14 Orchard Way North, Rockville, Maryland 20854, Tel. (301) 294-6144, Fax (301) 309-6640

Method Blanks: Volatile Organics were detected in the method blanks, as detailed below.

Sample ID			
VBLK (10/9/98)	Methylene Chloride	1 ug/L	(x10)

The Trip blank sample from 10/8/98 was qualified as 'U', not detected, at the Contract Required Quantitation Limit (CRQL) for methylene chloride, due to the fact that the sample result was less than the method blank limit and reported at less than the CRQL.

Volatiles (SDG No. CD&M041)

Surrogate Recovery: High surrogate recovery was generated for various surrogate compounds for samples GP21(10-11), GP24(6-8), GP18(5-8)DL and GP23(7-8). The positive results for these samples were qualified as 'J', estimated. High and low surrogate recovery was also noted for GP18(5-8). This sample was qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results. In addition, sample GP22(0-4) generated both high and low surrogate recovery, including recovery of 1,2-Dichloroethane-d4 at less than 10%. Sample GP22(0-4) was qualified as 'J', estimated, for the positive results and 'R', unusable, for the non-detectable results.

Initial Calibration: Acetone was found to exceed the Percent Relative Standard Deviation (%RSD) limit for the calibration on 9/08/98 generating a %RSD of 45.5% (Limit 30%). The associated positive results for acetone were qualified as 'J', estimated.

Continuing Calibration: Several of the continuing calibrations had percent differences (%D) which exceeded the 25% limit for chloromethane, vinyl chloride, methylene chloride, acetone,

1,1-dichloroethene, 2-butanone, bromoform, 4-methyl-2-pentanone and 2-hexanone. The samples associated with these continuing calibrations were qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results, for the compounds noted.

MS/MSD: Sample GP19(0-2) used as the MS/MSD sample set required dilution to accurately quantitate several of the compounds. Acceptable spike recoveries were not able to be generated for several of the compounds. Qualification of the data set was not required.

Internal Standards: A low reported area count was noted for GP18(5-8) for chlorobenzene-d5. The positive results for the compounds associated with this particular internal standard were qualified as 'J', estimated and the non-detectable results were qualified as 'UJ', estimated, for this sample.

Method Blanks: Volatile Organics were detected in the method blanks, as detailed below.

Sample ID			
VBLK (10/8/98)	Methylene Chloride	2 ug/Kg	(x10)
VBLK (10/14/98)	Tetrachloroethene	3 ug/Kg	(x5)
	Methylene Chloride	1 ug/Kg	(X10)

The associated samples were qualified as 'U', not detected, at the CRQL for methylene chloride and tetrachloroethene, where the sample result was less than the method blank limit and reported at less than the CRQL. Sample results which exceed the blank limit do not require qualification.

Additional Information

TIC's: Copies of the Sample Data Summary Sheets are included in Attachment B, with the appropriate qualifiers.

Quantitation: It should be noted that there are instances where some compounds are qualified as 'E', estimated, due to the compound exceeding the calibration range. Samples GP21(10-11) and GP22(0-4) required significant dilutions to quantitate the higher concentration compounds, therefore, some of the lower concentration compounds were diluted out.

Please contact me by telephone at 301-294-6144, should you require additional information or clarification regarding this Letter Report.

Sincerely,

Andrea P. Schuessler

Andrea P. Schuessler, CHMM
ChemWorld Environmental, Inc.

c: CD-9809 file

ORGANIC DATA QUALIFIERS

U - Indicates that the compound was analyzed for, but not detected at or above the Contract Required Quantitation Limit (CRQL), or the compound is not detected due to qualification through the method or field blank.

J - The associated numerical value is an estimated quantity.

JN - Tentatively identified with approximated concentrations (Volatile and Semi-Volatile Organics). Presumptively present at an approximated quantity (Pesticides/PCBs).

UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimated quantity due to variance from quality control limits.

C - Applies to Pesticide results where the identification has been confirmed by GC/MS.

E - Reported value is estimated due to quantitation above the calibration range.

D - Reported result taken from diluted sample analysis.

A - Aldol condensation product.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not Analyzed.

INORGANIC DATA QUALIFIERS

U - Indicates analyte not detected at or above the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.

B - Indicates analyte result is between Instrument Detection Limit (IDL) and CRDL.

J - The reported value is estimated due to variance from quality control limits.

UJ - The element was analyzed for, but not detected. The sample quantitation limit is an estimate due to variance from quality control limits.

E - Reported value is estimated because of the presence of interference.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not analyzed.

ATTACHMENT A

ACTIVE INDUSTRIAL SITE

VOLATILES/WATER - DATA SUMMARY TABLES

SDG No. CD&M040

Sample ID: / Collection Date: / Volatiles - (ug/L)	FB10/8 10/08/98	Q	GP29(26-30) 10/05/98	Q	GP29(36-40) 10/05/98	Q	GP29(46-50) 10/05/98	Q	GP30(26-30) 10/05/98	Q	GP30(36-40) 10/05/98	Q
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U
Vinyl chloride	10	U	5	J	10	U	10	U	12		1	J
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Methylene chloride	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U	10	U	10	U
Carbon disulfide	6	J	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	10	U	10	U	10	U	2	J	10	U	4	J
1,1-Dichloroethane	10	U	10	U	2	J	3	J	1	J	11	
1,2-Dichloroethene (Total)	10	U	29		2	J	1	J	180		100	
2-Butanone	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Chloroform	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane	10	U	10	U	1	J	2	J	10	U	2	J
Carbon tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	10	U	2	J	10	U	2	J	5	J	190	
Benzene	10	U	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	UJ	10	U	10	U	10	U	10	U	10	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Tetrachloroethene	10	U	10	U	10	U	1	J	3	J	220	E
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Toluene	10	U	10	U	10	U	10	U	10	U	1	J
Chlorobenzene	10	U	10	U	10	U	10	U	10	U	2	J
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Styrene	10	U	10	U	10	U	10	U	10	U	10	U
Xylenes (total)	10	U	10	U	10	U	10	U	10	U	10	U

ACTIVE INDUSTRIAL SITE

VOLATILES/WATER - DATA SUMMARY TABLES

(continued)

SDG No. CD&M040

Sample ID: / Collection Date: / Volatiles - (ug/L)	GP30(36-40)DL 10/05/98	Q	GP30(46-50) 10/05/98	Q	GP31(26-30) 10/05/98	Q	GP31(26-30)DL 10/05/98	Q	GP31(36-40) 10/05/98	Q	GP31(36-40)DL 10/05/98	Q
Chloromethane	20	U	10	U	10	U	200	U	10	U	500	U
Bromomethane	20	U	10	U	10	U	200	U	10	U	500	U
Vinyl chloride	20	U	10	U	12		200	U	67		500	U
Chloroethane	20	U	10	U	10	U	200	U	10	U	500	U
Methylene chloride	20	U	10	U	10	U	200	U	10	U	500	U
Acetone	20	U	10	U	10	U	200	U	10	U	500	U
Carbon disulfide	20	U	10	U	10	U	200	U	10	U	500	U
1,1-Dichloroethene	4	JD	10	U	2	J	200	U	16		500	U
1,1-Dichloroethane	10	JD	10	U	4	J	200	U	38		500	U
1,2-Dichloroethene (Total)	95	D	2	J	1600	E	1600	D	5200	E	8500	D
2-Butanone	20	UJ	10	UJ	10	UJ	200	U	10	UJ	500	U
Chloroform	20	U	10	U	10	U	200	U	10	U	500	U
1,2-Dichloroethane	20	U	10	U	10	U	200	U	10	U	500	U
1,1,1-Trichloroethane	20	U	10	U	10		200	U	140		120	JD
Carbon tetrachloride	20	U	10	U	10	U	200	U	10	U	500	U
Bromodichloromethane	20	U	10	U	10	U	200	U	10	U	500	U
1,2-Dichloropropane	20	U	10	U	10	U	200	U	10	U	500	U
cis-1,3-Dichloropropene	20	U	10	U	10	U	200	U	10	U	500	U
Trichloroethene	170	D	2	J	13		200	U	18		500	U
Benzene	20	U	10	U	10	U	200	U	10	U	500	U
Dibromochloromethane	20	U	10	U	10	U	200	U	10	U	500	U
trans-1,3-Dichloropropene	20	U	10	U	10	U	200	U	10	U	500	U
1,1,2-Trichloroethane	20	U	10	U	10	U	200	U	10	U	500	U
Bromoform	20	U	10	U	10	U	200	U	10	U	500	U
4-Methyl-2-pentanone	20	U	10	U	10	U	200	U	10	U	500	U
2-Hexanone	20	UJ	10	UJ	10	UJ	200	UJ	10	UJ	500	UJ
Tetrachloroethene	200	D	4	J	2	J	200	U	2	J	500	U
1,1,2,2-Tetrachloroethane	20	U	10	U	10	U	200	U	10	U	500	U
Toluene	20	U	10	U	1	J	200	U	1	J	500	U
Chlorobenzene	20	U	10	U	10	U	200	U	10	U	500	U
Ethylbenzene	20	U	10	U	10	U	200	U	10	U	500	U
Styrene	20	U	10	U	10	U	200	U	10	U	500	U
Xylenes (total)	20	U	10	U	10	U	200	U	10	U	500	U

ACTIVE INDUSTRIAL SITE

VOLATILES/WATER - DATA SUMMARY TABLES

SDG No. CD&M040

(continued)

Sample ID: / Collection Date: / Volatiles - (ug/L)	GP31(46-50) 10/05/98	Q	GP32(26-30) 10/08/98	Q	GP32(26-30)DL 10/08/98	Q	GP32(36-40) 10/08/98	Q	GP32(36-40)DL 10/08/98	Q
Chloromethane	10	U	10	U	25	U	10	U	25	U
Bromomethane	10	U	10	U	25	U	10	U	25	U
Vinyl chloride	10	U	10		9	JD	16		14	JD
Chloroethane	10	U	10	U	25	U	10	U	25	U
Methylene chloride	10	U	10	U	25	U	10	U	25	U
Acetone	10	U	10	U	25	U	10	U	25	U
Carbon disulfide	10	U	10	U	25	U	10	U	25	U
1,1-Dichloroethene	5	J	10	U	25	U	10	U	25	U
1,1-Dichloroethane	10	J	10	U	25	U	2	J	25	U
1,2-Dichloroethene (Total)	5	J	220	E	210	D	260	E	260	D
2-Butanone	10	U	10	UJ	25	UJ	10	UJ	25	UJ
Chloroform	10	U	10	U	25	U	10	U	25	U
1,2-Dichloroethane	10	U	10	U	25	U	10	U	25	U
1,1,1-Trichloroethane	9	J	10	U	25	U	10	U	25	U
Carbon tetrachloride	10	U	10	U	25	U	10	U	25	U
Bromodichloromethane	10	U	10	U	25	U	10	U	25	U
1,2-Dichloropropane	10	U	10	U	25	U	10	U	25	U
cis-1,3-Dichloropropene	10	U	10	U	25	U	10	U	25	U
Trichloroethene	9	J	5	J	4	JD	6	J	6	JD
Benzene	10	U	10	U	25	U	10	U	25	U
Dibromochloromethane	10	U	10	U	25	U	10	U	25	U
trans-1,3-Dichloropropene	10	U	10	U	25	U	10	U	25	U
1,1,2-Trichloroethane	10	U	10	U	25	U	10	U	25	U
Bromoform	10	U	10	UJ	25	UJ	10	UJ	25	UJ
4-Methyl-2-pentanone	10	U	10	U	25	U	10	U	25	U
2-Hexanone	10	UJ	10	UJ	25	UJ	10	UJ	25	UJ
Tetrachloroethene	2	J	13		3	JD	5	J	2	JD
1,1,2,2-Tetrachloroethane	10	U	10	U	25	U	10	U	25	U
Toluene	10	U	10	U	25	U	10	U	25	U
Chlorobenzene	10	U	10	U	25	U	10	U	25	U
Ethylbenzene	10	U	10	U	25	U	10	U	25	U
Styrene	10	U	10	U	25	U	10	U	25	U
Xylenes (total)	10	U	10	U	25	U	10	U	25	U

ACTIVE INDUSTRIAL SITE

VOLATILES/WATER - DATA SUMMARY TABLES

(continued)

SDG No. CD&M040

Sample ID: / *Collection Date:* / *Volatiles - (ug/L)*	*GP32(46-50)* *10/08/98*	*Q*	*GP33(26-30)* *10/08/98*	*Q*	*GP33(36-40)* *10/08/98*	*Q*	*GP33(46-50)* *10/08/98*	*Q*	*GP34(36-40)* *10/08/98*	*Q*	*TB10/8* *10/08/98*	*Q*
Chloromethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U	10	U	10	U
Vinyl chloride	10	U	10	U	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Methylene chloride	10	U	10	U	10	U	10	U	10	U	10	U
Acetone	10	U	10	U	10	U	10	U	10	U	10	U
Carbon disulfide	10	U	10	U	10	U	10	U	10	U	10	U
1,1-Dichloroethene	5	J	10	U	2	J	10	U	2	J	10	U
1,1-Dichloroethane	35		6	J	14		10	U	14		10	U
1,2-Dichloroethene (Total)	29		21		44		10	U	44		10	U
2-Butanone	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Chloroform	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
1,1,1-Trichloroethane	6	J	1	J	2	J	10	U	3	J	10	U
Carbon tetrachloride	10	U	10	U	10	U	10	U	10	U	10	U
Bromodichloromethane	10	U	10	U	10	U	10	U	10	U	10	U
1,2-Dichloropropane	10	U	10	U	10	U	10	U	10	U	10	U
cis-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
Trichloroethene	82		10		45		10	U	43		10	U
Benzene	10	U	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	10	U	10	U	10	U	10	U	10	U	10	U
trans-1,3-Dichloropropene	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Bromoform	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U	10	U	10	U
2-Hexanone	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ	10	UJ
Tetrachloroethene	22		9	J	33		10	U	31		10	U
1,1,2,2-Tetrachloroethane	10	U	10	U	10	U	10	U	10	U	10	U
Toluene	10	U	10	U	3	J	1	J	2	J	10	U
Chlorobenzene	1	J	10	U	10	U	10	U	10	U	10	U
Ethylbenzene	10	U	10	U	10	U	10	U	10	U	10	U
Styrene	10	U	10	U	10	U	10	U	10	U	10	U
Xylenes (total)	10	U	10	U	1	J	10	U	1	J	10	U

ACTIVE INDUSTRIAL SITE

VOLATILES/SOIL - DATA SUMMARY TABLE

SDG No. CD&M041

Sample ID: / Collection Date: / Volatiles - (ug/Kg)	GP18(5-8) 10/06/98	Q	GP18(5-8)DL 10/06/98	Q	GP19(0-2) 10/06/98	Q	GP20(0-2) 10/06/98	Q	GP21(10-11) 10/06/98	Q	GP21(10-11)DL 10/06/98	Q	GP22(0-4) 10/06/98	Q
Chloromethane	12	UJ	120	UJ	120	UJ	120	UJ	35	J	9100	U	12	R
Bromomethane	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
Vinyl chloride	12	UJ	120	U	120	U	120	U	340	E	9100	U	8	J
Chloroethane	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
Methylene chloride	12	UJ	120	U	120	U	120	U	14	UJ	9100	U	12	R
Acetone	12	UJ	120	U	170	J	120	U	89	J	9100	U	12	R
Carbon disulfide	5	J	120	U	27	J	120	U	6	J	9100	U	12	R
1,1-Dichloroethene	12	UJ	120	U	120	U	120	U	14	J	9100	U	830	E
1,1-Dichloroethane	12	UJ	120	U	120	U	120	U	52	J	9100	U	720	E
1,2-Dichloroethene (Total)	9	J	120	U	17	J	120	U	540	J	9100	U	5700	E
2-Butanone	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
Chloroform	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
1,2-Dichloroethane	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
1,1,1-Trichloroethane	12	UJ	120	U	23	J	120	U	14	J	9100	U	11000	E
Carbon tetrachloride	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
Bromodichloromethane	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
1,2-Dichloropropane	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
cis-1,3-Dichloropropene	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
Trichloroethene	12	UJ	13	J	27	J	120	U	19	J	9100	U	11000	E
Benzene	12	UJ	120	U	120	U	120	U	12	J	9100	U	12	R
Dibromochloromethane	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
trans-1,3-Dichloropropene	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
1,1,2-Trichloroethane	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
Bromoform	12	UJ	120	U	120	U	120	U	14	U	9100	UJ	12	R
4-Methyl-2-pentanone	12	UJ	120	U	120	U	120	U	14	U	9100	UJ	12	R
2-Hexanone	12	UJ	120	U	120	U	120	U	14	U	9100	UJ	12	R
Tetrachloroethene	18	J	930		650		120	U	150	J	9100	U	32000	E
1,1,2,2-Tetrachloroethane	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
Toluene	170	J	210	J	100	J	12	J	1100	E	5500	JD	3400	E
Chlorobenzene	12	UJ	120	U	120	U	120	U	14	U	9100	U	12	R
Ethylbenzene	90	J	320	J	350		120	U	810	E	12000	D	1000	E
Styrene	12	UJ	120	U	32	J	120	U	14	U	9100	U	12	R
Xylenes (total)	600	J	1900	J	1600		33	J	3100	E	62000	D	3800	E

ACTIVE INDUSTRIAL SITE

VOLATILES/SOIL - DATA SUMMARY TABLE

SDG No. CD&M041

(continued)

Sample ID:	GP22(0-4)DL		GP23(7-8)		GP23(7-8)DL		GP24(6-8)		GP24(6-8)DL	
Collection Date:	10/06/98	Q	10/07/98	Q	10/07/97	Q	10/07/98	Q	10/07/98	Q
Volatiles - (ug/Kg)										
Chloromethane	77000	U	120	UJ	3700	U	12	UJ	1500	U
Bromomethane	77000	U	120	U	3700	U	12	U	1500	U
Vinyl chloride	77000	U	120	U	3700	U	12	UJ	1500	U
Chloroethane	77000	U	120	U	3700	U	12	U	1500	U
Methylene chloride	77000	U	120	U	3700	U	12	UJ	1500	U
Acetone	77000	U	120	U	3700	U	12	UJ	1500	U
Carbon disulfide	77000	U	120	U	3700	U	5	J	1500	U
1,1-Dichloroethene	77000	U	120	U	3700	U	12	UJ	1500	U
1,1-Dichloroethane	77000	U	120	U	3700	U	32	J	1500	U
1,2-Dichloroethene (Total)	77000	U	120	U	3700	U	26	J	1500	U
2-Butanone	77000	UJ	120	U	3700	U	12	U	1500	U
Chloroform	77000	U	120	U	3700	U	12	U	1500	U
1,2-Dichloroethane	77000	U	120	U	3700	U	12	U	1500	U
1,1,1-Trichloroethane	77000	U	120	U	3700	U	12	U	1500	U
Carbon tetrachloride	77000	U	120	U	3700	U	12	U	1500	U
Bromodichloromethane	77000	U	120	U	3700	U	12	U	1500	U
1,2-Dichloropropane	77000	U	120	U	3700	U	12	U	1500	U
cis-1,3-Dichloropropene	77000	U	120	U	3700	U	12	U	1500	U
Trichloroethene	77000	U	120	U	3700	U	11	J	1500	U
Benzene	77000	U	120	U	3700	U	12	U	1500	U
Dibromochloromethane	77000	U	120	U	3700	U	12	U	1500	U
trans-1,3-Dichloropropene	77000	U	120	U	3700	U	12	U	1500	U
1,1,2-Trichloroethane	77000	U	120	U	3700	U	12	U	1500	U
Bromoform	77000	UJ	120	U	3700	UJ	12	U	1500	UJ
4-Methyl-2-pentanone	77000	U	120	U	3700	UJ	12	U	1500	UJ
2-Hexanone	77000	UJ	120	U	3700	UJ	12	U	1500	UJ
Tetrachloroethene	760000	D	250		420	JD	12	U	1500	U
1,1,2,2-Tetrachloroethane	77000	U	120	U	3700	U	12	U	1500	U
Toluene	77000	U	1100	J	1600	JD	960	E	1800	
Chlorobenzene	77000	U	120	U	3700	U	12	U	1500	U
Ethylbenzene	77000	U	2800	E	5200	D	1000	E	4900	
Styrene	77000	U	120	U	3700	U	12	U	1500	U
Xylenes (total)	77000	U	11000	E	22000	D	4200	E	22000	

ATTACHMENT B

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FB10/8

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832593

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20511.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. _____ Date Analyzed: 10/09/98

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

V 0024

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP29(26-30)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832117

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20432.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. _____ Date Analyzed: 10/06/98

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

V 0031

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP29(36-40)

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832118

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20433.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. Date Analyzed: 10/06/98

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. 001634-04-4	Propane, 2-methoxy-2-methyl-	7.99	8	JN

V 0039

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP29(46-50)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832119

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20434.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. _____ Date Analyzed: 10/06/98

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.	chloromethylbenzene(isomer	16.88	6	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP30(26-30)

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832120

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20435.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. Date Analyzed: 10/06/98

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

V 0059

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP30(36-40)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832121

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20436.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. _____ Date Analyzed: 10/06/98

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

V 0009

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP30(36-40)DL

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832121DL

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20438.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. _____ Date Analyzed: 10/06/98

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

V 0080

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP30(46-50)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832122

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20437.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. _____ Date Analyzed: 10/06/98

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

V 0089

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP31(26-30)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832123

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20439.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. _____ Date Analyzed: 10/06/98

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

V 0097

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP31(26-30)DL

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832123DL

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20455.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. _____ Date Analyzed: 10/07/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 20.0

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

V 0108

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP31(36-40)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832124

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20440.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. _____ Date Analyzed: 10/06/98

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

V 0115

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP31(36-40)DL

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832124DL

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20456.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. _____ Date Analyzed: 10/07/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 50.0

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.

GP31(46-50)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832125

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20454.D

Level: (low/med) LOW Date Received: 10/05/98

% Moisture: not dec. _____ Date Analyzed: 10/07/98

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.	chloromethylbenzene(isomer)	16.86	14	J

V C134

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP32(26-30)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832586

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20504.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. _____ Date Analyzed: 10/09/98

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. 001634-04-4	Propane, 2-methoxy-2-methyl-	7.86	7	JN

V 0145

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP32(26-30)DL

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832586DL

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20522.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. Date Analyzed: 10/12/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 2.5

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

V 0155

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP32(36-40)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832587

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20505.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. _____ Date Analyzed: 10/09/98

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

V 0164

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP32(36-40)DL

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832587DL

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20523.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. _____ Date Analyzed: 10/12/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 2.5

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

V 0174

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP32(46-50)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832588

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20506.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. _____ Date Analyzed: 10/09/98

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

V 0183

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP33(26-30)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832589

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20507.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. _____ Date Analyzed: 10/09/98

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.

GP33(36-40)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832590

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20508.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. _____ Date Analyzed: 10/09/98

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

V 0202

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP33(46-50)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832591

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20509.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. _____ Date Analyzed: 10/09/98

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

V 0213

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP34(36-40)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832592

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20510.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. _____ Date Analyzed: 10/09/98

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

V 0220

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB10/8

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M040

Matrix: (soil/water) WATER Lab Sample ID: 9832594

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: A20512.D

Level: (low/med) LOW Date Received: 10/08/98

% Moisture: not dec. _____ Date Analyzed: 10/09/98

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

V C231

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP18(5-8)

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832338

Sample wt/vol: 5.0 (g/ml) G Lab File ID: P10707.D

Level: (low/med) LOW Date Received: 10/07/98

% Moisture: not dec. 14 Date Analyzed: 10/08/98

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

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

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

11/11/98

Number TICs found: 11

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	9.87	18	J
2.	unknown hydrocarbon	10.06	62	J
3.	unknown hydrocarbon	10.85	18	J
4.	unknown hydrocarbon	11.33	320	J
5.	unknown hydrocarbon	11.65	340	J
6.	unknown hydrocarbon	11.90	390	J
7.	unknown	12.57	1200	J
8.	unknown hydrocarbon	14.58	7200	J
9.	unknown	15.95	15000	J
10.	unknown hydrocarbon	16.29	6000	J
11.	unknown hydrocarbon	16.54	31000	J

V 0034

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP18(5-8)DL

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M041 11/19/98

Matrix: (soil/water) SOIL Lab Sample ID: 9832338

Sample wt/vol: 0.5 (g/ml) G Lab File ID: P10726.D

Level: (low/med) LOW Date Received: 10/07/98

% Moisture: not dec. 14 Date Analyzed: 10/14/98

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

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

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

Number TICs found: 11

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	11.33	730	J
2.	unknown hydrocarbon	11.64	1200	J
3.	unknown hydrocarbon	11.90	940	J
4.	unknown hydrocarbon	12.56	3500	J
5.	unknown	15.48	31000	J
6.	unknown hydrocarbon	15.78	59000	J
7.	unknown hydrocarbon	15.93	42000	J
8.	unknown hydrocarbon	16.41	51000	J
9.	unknown hydrocarbon	16.75	130000	J
10.	unknown hydrocarbon	17.46	52000	J
11.	unknown	17.63	33000	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP19(0-2)

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832339

Sample wt/vol: 0.5 (g/ml) G Lab File ID: P10727.D

Level: (low/med) LOW Date Received: 10/07/98

% Moisture: not dec. 14 Date Analyzed: 10/14/98

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

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

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

11/11/98

Number TICs found: 11

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	11.14	670	J
2.	unknown hydrocarbon	11.44	1100	J
3.	unknown hydrocarbon	11.70	920	J
4.	unknown hydrocarbon	12.35	3900	J
5.	unknown hydrocarbon	14.36	8500	J
6.	unknown	15.21	8100	J
7.	unknown hydrocarbon	15.66	8000	J
8.	unknown hydrocarbon	16.16	17000	J
9.	unknown hydrocarbon	16.48	17000	J
10.	C3 subs.benzene	16.59	12000	J
11.	unknown hydrocarbon	17.86	14000	J

V 0078

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP20(0-2)

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832341

Sample wt/vol: 0.5 (g/ml) G Lab File ID: P10728.D

Level: (low/med) LOW Date Received: 10/07/98

% Moisture: not dec. 16 Date Analyzed: 10/14/98

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

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

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

Number TICs found: 11

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	14.80	690	J
2.	unknown hydrocarbon	14.97	720	J
3.	unknown hydrocarbon	15.20	690	J
4.	unknown	15.46	1500	J
5.	unknown hydrocarbon	15.67	1100	J
6.	unknown hydrocarbon	16.00	700	J
7.	unknown	16.46	4000	J
8.	unknown	16.70	2600	J
9.	unknown	17.14	950	J
10.	unknown	17.29	2200	J
11.	unknown	17.83	730	J

V 0103

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP21(10-11)

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832342

Sample wt/vol: 5.0 (g/ml) G Lab File ID: P10713.D

Level: (low/med) LOW Date Received: 10/07/98

% Moisture: not dec. 31 Date Analyzed: 10/08/98

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

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

CONCENTRATION UNITS: 11/11/98
(ug/L or ug/Kg) UG/KG

Number TICs found: 11

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	7.16	510	J
2.	unknown	7.48	540	J
3.	unknown hydrocarbon	8.83	290	J
4.	unknown hydrocarbon	9.82	180	J
5.	unknown hydrocarbon	11.28	300	J
6.	unknown hydrocarbon	11.59	590	J
7.	unknown hydrocarbon	11.85	420	J
8.	unknown hydrocarbon	12.51	1700	J
9.	unknown hydrocarbon	16.65	3900	J
10.	unknown hydrocarbon	17.54	3500	J
11.	unknown hydrocarbon	18.04	1900	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP21(10-11)DL

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832342DL

Sample wt/vol: 4.0 (g/ml) G Lab File ID: A20532.D

Level: (low/med) MED Date Received: 10/07/98

% Moisture: not dec. 31 Date Analyzed: 10/15/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

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

Number TICs found: 10

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	12.10	87000	JD
2.	unknown hydrocarbon	16.47	210000	JD
3.	C3 subs.benzene	16.78	250000	JD
4.	C3 subs.benzene	17.26	280000	JD
5.	C4 subs.benzene	17.90	160000	JD
6.	C4 subs.benzene	17.99	210000	JD
7.	C4 subs.benzene	18.33	170000	JD
8.	C4 subs.benzene	18.43	200000	JD
9.	C4 subs.benzene	18.86	180000	JD
10.	C4 subs.benzene	18.95	320000	JD

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP22(0-4)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832343

Sample wt/vol: 5.0 (g/ml) G Lab File ID: P10714.D

Level: (low/med) LOW Date Received: 10/07/98

% Moisture: not dec. 19 Date Analyzed: 10/08/98

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

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

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

gma 11/11/98

Number TICs found: 10

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	7.18	1700	J
2.	unknown hydrocarbon	14.86	3500	J
3.	unknown	15.57	640	J
4.	unknown	15.92	1400	J
5.	unknown hydrocarbon	16.40	1400	J
6.	unknown	16.72	1700	J
7.	C3 subs.benzene	16.84	2500	J
8.	C3 subs.benzene	17.31	1000	J
9.	C3 subs.benzene	17.50	2700	J
10.	unknown hydrocarbon	18.01	700	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP22(0-4)DL

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832343DL

Sample wt/vol: 4.0 (g/ml) G Lab File ID: A20526.D

Level: (low/med) MED Date Received: 10/07/98

% Moisture: not dec. 19 Date Analyzed: 10/12/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 50.0

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

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

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

V 0192

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP23(7-8)

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832362

Sample wt/vol: 0.5 (g/ml) G Lab File ID: P10730.D

Level: (low/med) LOW Date Received: 10/07/98

% Moisture: not dec. 15 Date Analyzed: 10/14/98

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

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

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

11/11/98

Number TICs found: 11

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	7.09	610	J
2.	unknown	7.39	620	J
3.	unknown hydrocarbon	7.66	920	J
4.	unknown hydrocarbon	9.88	570	J
5.	unknown hydrocarbon	11.14	2400	J
6.	unknown hydrocarbon	11.45	6800	J
7.	unknown hydrocarbon	11.72	5100	J
8.	unknown hydrocarbon	12.37	19000	J
9.	unknown hydrocarbon	16.48	18000	J
10.	C3 subs.benzene	16.60	16000	J
11.	unknown hydrocarbon	17.19	14000	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP23(7-8)DL

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832362DL

Sample wt/vol: 4.0 (g/ml) G Lab File ID: A20533.D

Level: (low/med) MED Date Received: 10/07/98

% Moisture: not dec. 15 Date Analyzed: 10/15/98

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 2.5

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

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

Number TICs found: 10

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	11.06	17000	JD
2.	unknown hydrocarbon	11.34	78000	JD
3.	unknown hydrocarbon	11.55	59000	JD
4.	unknown	12.10	210000	JD
5.	unknown	12.72	84000	JD
6.	unknown hydrocarbon	13.79	140000	JD
7.	unknown hydrocarbon	16.71	110000	JD
8.	C3 subs.benzene	17.25	180000	JD
9.	unknown hydrocarbon	17.35	120000	JD
10.	unknown	17.90	100000	JD

V 0220

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP24(6-8)

Lab Name: H2M LABS,INC Contract:

Lab Code: H2M Case No.: SAS No.: SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832363

Sample wt/vol: 5.0 (g/ml) G Lab File ID: P10716.D

Level: (low/med) LOW Date Received: 10/07/98

% Moisture: not dec. 15 Date Analyzed: 10/08/98

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

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

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

10/11/98

Number TICs found: 11

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	7.17	380	J
2.	unknown hydrocarbon	7.49	410	J
3.	unknown hydrocarbon	8.83	260	J
4.	unknown hydrocarbon	9.83	160	J
5.	unknown hydrocarbon	10.01	250	J
6.	unknown hydrocarbon	10.81	120	J
7.	unknown hydrocarbon	11.28	660	J
8.	unknown hydrocarbon	11.61	970	J
9.	unknown hydrocarbon	11.88	750	J
10.	unknown hydrocarbon	12.55	2000	J
11.	unknown hydrocarbon	16.63	140	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GP24(6-8) DL

Lab Name: H2M LABS,INC Contract: _____

Lab Code: H2M Case No.: _____ SAS No.: _____ SDG No.: CD&M041

Matrix: (soil/water) SOIL Lab Sample ID: 9832363DL

Sample wt/vol: 4.0 (g/ml) G Lab File ID: A20534.D

Level: (low/med) MED Date Received: 10/07/98

% Moisture: not dec. 15 Date Analyzed: 10/15/98

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

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100 (uL)

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

Number TICs found: 10

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	7.59	14000	J
2.	unknown hydrocarbon	7.93	15000	J
3.	unknown hydrocarbon	8.26	24000	J
4.	unknown	11.07	12000	J
5.	unknown hydrocarbon	11.35	29000	J
6.	unknown hydrocarbon	11.56	22000	J
7.	unknown hydrocarbon	12.11	86000	J
8.	unknown	12.73	25000	J
9.	unknown hydrocarbon	16.72	79000	J
10.	C3 subs.benzene	17.25	90000	J