1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1412

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053017

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X206

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

DATA VALIDATION COPY

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5 ~~2.6~~	JB
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene(total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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FORM I VOA OLM03.0

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1422

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053018

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X207

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. ________ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

DATA VALIDATION COPY

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
74-87-3	Chloromethane	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	5.0	U	UJ CDS
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	5 ~~2.5~~	JB	U F01,F06
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene(total)	4.9		=
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	183 ~~168~~	~~E~~ D	=
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0	U	
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	0.71	J	J
124-48-1	Dibromochloromethane	1.0	U	U
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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DUPLICATE

EPA SAMPLE NO.

XX1424

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA04W

Matrix: (soil/water) WATER Lab Sample ID: 22054005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8X309

Level: (low/med) LOW DATA VALIDATION COPY Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/23/00

GC Column: DB-624 ID: 0.25 (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		1.0	U	UJ CO5
75-01-4	Vinyl chloride		1.0	U	U
74-83-9	Bromomethane		1.0	U	
75-00-3	Chloroethane		1.0	U	
75-35-4	1,1-Dichloroethylene		1.0	U	
67-64-1	Acetone		2.6	J	J CO5
75-15-0	Carbon disulfide		5.0	U	UJ CO5
75-09-2	Methylene chloride	5	~~2.3~~	JB	U FO1, FO6
75-34-3	1,1-Dichloroethane		1.0	U	U
78-93-3	2-Butanone		5.0	U	U
540-59-0	1,2-Dichloroethylene(total)		5.8		
67-66-3	Chloroform		1.0	U	U
71-55-6	1,1,1-Trichloroethane		1.0	U	
56-23-5	Carbon tetrachloride		1.0	U	
107-06-2	1,2-Dichloroethane		1.0	U	
71-43-2	Benzene		1.0	U	
79-01-6	Trichloroethylene	251	~~240~~	~~E~~ D	=
78-87-5	1,2-Dichloropropane		1.0	U	U
75-27-4	Bromodichloromethane		1.0	U	
10061-01-5	cis-1,3-Dichloropropylene		1.0	U	
108-10-1	4-Methyl-2-pentanone		5.0	U	
108-88-3	Toluene		1.0	U	
10061-02-6	trans-1,3-Dichloropropylene		1.0	U	
79-00-5	1,1,2-Trichloroethane		1.0	U	
591-78-6	2-Hexanone		5.0	U	
127-18-4	Tetrachloroethylene		0.95	J	J
124-48-1	Dibromochloromethane		1.0	U	U
108-90-7	Chlorobenzene		1.0	U	
100-41-4	Ethylbenzene		1.0	U	
1330-20-7	Xylenes (total)		3.0	U	
100-42-5	Styrene	1.0	~~0.20~~	J	U FO4, FO1
75-25-2	Bromoform		1.0	U	U
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	U

FORM I VOA OLM03.0

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1432

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053019

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X208

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: 5 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
74-87-3	Chloromethane	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	U
74-83-9	Bromomethane	1.0	U	U
75-00-3	Chloroethane	1.0	U	U
75-35-4	1,1-Dichloroethylene	1.4		
67-64-1	Acetone	2.3	J	J COS
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	~~3.9~~ 5	JB	U FO1, FO6
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene(total)	50.6		
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	1040 ~~523~~	E D	~~J~~ ND3
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0	U	
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	U
127-18-4	Tetrachloroethylene	7.5		
124-48-1	Dibromochloromethane	1.0	U	U
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	0.18	J	J
75-25-2	Bromoform	1.0	U	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1442

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053020

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X209

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. ______ DATA VALIDATION Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (mm) COPY Dilution Factor: 1.0

Soil Extract Volume:______(uL) Soil Aliquot Volume: U 5l ______(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
74-87-3	Chloromethane	1.0	U	U
75-01-4	Vinyl chloride	2.1		=
74-83-9	Bromomethane	1.0	U	U
75-00-3	Chloroethane	1.0	U	U
75-35-4	1,1-Dichloroethylene	4.0		=
67-64-1	Acetone	5.0	U	UJ C05
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	5 ~~3.6~~	JB	U F01, F06
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene (total)	23.8		=
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	↓
56-23-5	Carbon tetrachloride	1.0	U	↓
107-06-2	1,2-Dichloroethane	1.0	U	↓
71-43-2	Benzene	0.50	J	J
79-01-6	Trichloroethylene	3600 ~~2560~~	~~E~~ D	=
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	↓
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	↓
108-10-1	4-Methyl-2-pentanone	5.0	U	↓
108-88-3	Toluene	0.35	J	J
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	U
79-00-5	1,1,2-Trichloroethane	0.24	J	J
591-78-6	2-Hexanone	5.0	U	U
127-18-4	Tetrachloroethylene	32.5		=
124-48-1	Dibromochloromethane	1.0	U	U
108-90-7	Chlorobenzene	1.0	U	U
100-41-4	Ethylbenzene	0.18	J	J
1330-20-7	Xylenes (total)	3.0	U	U
100-42-5	Styrene	1.0	U	↓
75-25-2	Bromoform	1.0	U	↓
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	↓

FORM I VOA OLM03.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1452

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA04W

Matrix: (soil/water) WATER Lab Sample ID: 22054001

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8X314

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/23/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 50.0

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

DATA VALIDATION COPY

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
74-87-3	Chloromethane	50.0	U	UJ CDS
75-01-4	Vinyl chloride	50.0	U	U
74-83-9	Bromomethane	50.0	U	
75-00-3	Chloroethane	50.0	U	
75-35-4	1,1-Dichloroethylene	50.0	U	
67-64-1	Acetone	250	U	UJ CDS
75-15-0	Carbon disulfide	250	U	UJ CDS
75-09-2	Methylene chloride	250 ~~142~~	JB	U FD1, FD6
75-34-3	1,1-Dichloroethane	50.0	U	U
78-93-3	2-Butanone	250	U	U
540-59-0	1,2-Dichloroethylene(total)	22.1	J	J
67-66-3	Chloroform	50.0	U	U
71-55-6	1,1,1-Trichloroethane	50.0	U	
56-23-5	Carbon tetrachloride	50.0	U	
107-06-2	1,2-Dichloroethane	50.0	U	
71-43-2	Benzene	50.0	U	
79-01-6	Trichloroethylene	3700		
78-87-5	1,2-Dichloropropane	50.0	U	U
75-27-4	Bromodichloromethane	50.0	U	
10061-01-5	cis-1,3-Dichloropropylene	50.0	U	
108-10-1	4-Methyl-2-pentanone	250	U	
108-88-3	Toluene	50.0	U	
10061-02-6	trans-1,3-Dichloropropylene	50.0	U	
79-00-5	1,1,2-Trichloroethane	50.0	U	
591-78-6	2-Hexanone	250	U	
127-18-4	Tetrachloroethylene	50.0	U	
124-48-1	Dibromochloromethane	50.0	U	
108-90-7	Chlorobenzene	50.0	U	
100-41-4	Ethylbenzene	50.0	U	
1330-20-7	Xylenes (total)	150	U	
100-42-5	Styrene	4.9	J	J FD4, FD8
75-25-2	Bromoform	50.0	U	U
79-34-5	1,1,2,2-Tetrachloroethane	50.0	U	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1462

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA04W

Matrix: (soil/water) WATER Lab Sample ID: 22054002

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8X315

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/23/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 50.0

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

DATA VALIDATION COPY

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
74-87-3	Chloromethane	50.0	U	UJ CDS
75-01-4	Vinyl chloride	50.0	U	U
74-83-9	Bromomethane	50.0	U	
75-00-3	Chloroethane	50.0	U	
75-35-4	1,1-Dichloroethylene	50.0	U	
67-64-1	Acetone	250	U	UJ CDS
75-15-0	Carbon disulfide	250	U	UJ CDS
75-09-2	Methylene chloride	250 ~~112~~	JB	U FD1, FD6
75-34-3	1,1-Dichloroethane	50.0	U	U
78-93-3	2-Butanone	250	U	U
540-59-0	1,2-Dichloroethylene(total)	25.3	J	J
67-66-3	Chloroform	50.0	U	U
71-55-6	1,1,1-Trichloroethane	50.0	U	
56-23-5	Carbon tetrachloride	50.0	U	
107-06-2	1,2-Dichloroethane	50.0	U	
71-43-2	Benzene	50.0	U	
79-01-6	Trichloroethylene	2830		U
78-87-5	1,2-Dichloropropane	50.0	U	
75-27-4	Bromodichloromethane	50.0	U	
10061-01-5	cis-1,3-Dichloropropylene	50.0	U	
108-10-1	4-Methyl-2-pentanone	250	U	
108-88-3	Toluene	50.0	U	
10061-02-6	trans-1,3-Dichloropropylene	50.0	U	
79-00-5	1,1,2-Trichloroethane	50.0	U	
591-78-6	2-Hexanone	250	U	
127-18-4	Tetrachloroethylene	50.0	U	
124-48-1	Dibromochloromethane	50.0	U	
108-90-7	Chlorobenzene	50.0	U	
100-41-4	Ethylbenzene	50.0	U	
1330-20-7	Xylenes (total)	150	U	
100-42-5	Styrene	50.0	U	
75-25-2	Bromoform	50.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	50.0	U	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1472

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA04W

Matrix: (soil/water) WATER Lab Sample ID: 22054003

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8X317

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/23/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

DATA VALIDATION COPY

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
74-87-3	Chloromethane	1.0	U	UJ CDS
75-01-4	Vinyl chloride	1.0	U	U
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	4.1	J	J CDS
75-15-0	Carbon disulfide	5.0	U	UJ CDS
75-09-2	Methylene chloride	5 ~~2.3~~	JB	U FD1, FD6
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene(total)	11.8		=
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	0.82	J	J
79-01-6	Trichloroethylene	8.3		=
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	0.42	J	J
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	U
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0 ~~0.19~~	J	U FD4, FD1
75-25-2	Bromoform	1.0	U	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1482

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA04W

Matrix: (soil/water) WATER Lab Sample ID: 22054004

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8X318

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/23/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

EPA VALIDATION COPY

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
74-87-3	Chloromethane	1.0	U	UJ CDS
75-01-4	Vinyl chloride	1.0	U	U
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	5.0	U	UJ CDS
75-15-0	Carbon disulfide	5.0	U	UJ CDS
75-09-2	Methylene chloride	5 ~~3.3~~	JB	U FB1, FB6
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	
540-59-0	1,2-Dichloroethylene(total)	2.0	U	
67-66-3	Chloroform	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	0.60	J	J
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0	U	
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0 ~~0.12~~	J	U FB4, FB6
75-25-2	Bromoform	1.0	U	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1512

Lab Name: GENERAL ENGINEERING LABCR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053009

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X134

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. ________ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND	CONCENTRATION	Q	
74-87-3	Chloromethane	1.0	U	U
75-01-4	Vinyl chloride	2.4		=
74-83-9	Bromomethane	1.0	U	U
75-00-3	Chloroethane	1.0	U	↓
75-35-4	1,1-Dichloroethylene	1.0	U	↓
67-64-1	Acetone	0.80	J	J C05
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	~~2.4~~ 5	JB	U F01, F06
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene(total)	7.8		=
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	↓
56-23-5	Carbon tetrachloride	1.0	U	↓
107-06-2	1,2-Dichloroethane	1.0	U	↓
71-43-2	Benzene	1.0	U	↓
79-01-6	Trichloroethylene	~~156~~ 157	~~E~~ D	=
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	↓
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	↓
108-10-1	4-Methyl-2-pentanone	5.0	U	↓
108-88-3	Toluene	1.0	U	↓
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	↓
79-00-5	1,1,2-Trichloroethane	1.0	U	↓
591-78-6	2-Hexanone	5.0	U	↓
127-18-4	Tetrachloroethylene	1.6		=
124-48-1	Dibromochloromethane	1.0	U	U
108-90-7	Chlorobenzene	1.0	U	↓
100-41-4	Ethylbenzene	1.0	U	↓
1330-20-7	Xylenes (total)	3.0	U	↓
100-42-5	Styrene	1.0	U	↓
75-25-2	Bromoform	1.0	U	↓
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	↓

FORM I VOA OLM03.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1522

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053010

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X135

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (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		1.0	U
75-01-4	Vinyl chloride		3.0	
74-83-9	Bromomethane		1.0	U
75-00-3	Chloroethane		1.0	U
75-35-4	1,1-Dichloroethylene		1.0	U
67-64-1	Acetone		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5 ~~2.0~~	JB
75-34-3	1,1-Dichloroethane		1.0	U
78-93-3	2-Butanone		5.0	U
540-59-0	1,2-Dichloroethylene(total)		7.6	
67-66-3	Chloroform		1.0	U
71-55-6	1,1,1-Trichloroethane		1.0	U
56-23-5	Carbon tetrachloride		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
71-43-2	Benzene		1.0	U
79-01-6	Trichloroethylene		83.0	
78-87-5	1,2-Dichloropropane		1.0	U
75-27-4	Bromodichloromethane		1.0	U
10061-01-5	cis-1,3-Dichloropropylene		1.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.0	U
10061-02-6	trans-1,3-Dichloropropylene		1.0	U
79-00-5	1,1,2-Trichloroethane		1.0	U
591-78-6	2-Hexanone		5.0	U
127-18-4	Tetrachloroethylene		1.4	
124-48-1	Dibromochloromethane		1.0	U
108-90-7	Chlorobenzene		1.0	U
100-41-4	Ethylbenzene		1.0	U
1330-20-7	Xylenes (total)		3.0	U
100-42-5	Styrene		1.0	U
75-25-2	Bromoform		1.0	U
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U

FD1, FD6

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1532

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053011

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X136

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. ________ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND	CONCENTRATION	Q	
74-87-3	Chloromethane	1.0	U	U
75-01-4	Vinyl chloride	3.4		=
74-83-9	Bromomethane	1.0	U	U
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	1.5	J	J C05
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	~~2.8~~ 5	JB	U F01, F06
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene(total)	9.7		=
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	~~128~~ 118	~~E~~ D	=
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0	U	
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.8		=
124-48-1	Dibromochloromethane	1.0	U	U
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

FORM I VOA OLM03.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1542

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053012

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X137

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: 5 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
74-87-3	Chloromethane	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	U
74-83-9	Bromomethane	1.0	U	U
75-00-3	Chloroethane	1.0	U	U
75-35-4	1,1-Dichloroethylene	1.0	U	U
67-64-1	Acetone	5.0	U	U
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	5 ~~2.0~~	JB	U FO1, FO6
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene(total)	9.0		=
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	U
56-23-5	Carbon tetrachloride	1.0	U	U
107-06-2	1,2-Dichloroethane	1.0	U	U
71-43-2	Benzene	1.0	U	U
79-01-6	Trichloroethylene	198 ~~191~~	E D	=
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	U
108-10-1	4-Methyl-2-pentanone	5.0	U	U
108-88-3	Toluene	1.0	U	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	U
79-00-5	1,1,2-Trichloroethane	1.0	U	U
591-78-6	2-Hexanone	5.0	U	U
127-18-4	Tetrachloroethylene	2.1		=
124-48-1	Dibromochloromethane	1.0	U	U
108-90-7	Chlorobenzene	1.0	U	U
100-41-4	Ethylbenzene	1.0	U	U
1330-20-7	Xylenes (total)	3.0	U	U
100-42-5	Styrene	1.0	U	U
75-25-2	Bromoform	1.0	U	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1552

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053013

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X138

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

COPY

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
74-87-3	Chloromethane	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	5.0	U	
75-15-0	Carbon disulfide	5.0	U	
75-09-2	Methylene chloride	5 ~~1.9~~	JB	U FD1, FD2
75-34-3	1,1-Dichloroethane	1.0	U	
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene(total)	2.0	U	
67-66-3	Chloroform	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0	U	
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

FORM I VOA OLM03.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1562

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053014

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X139

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. ________ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

USP

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q	
74-87-3	Chloromethane	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	↓
74-83-9	Bromomethane	1.0	U	↓
75-00-3	Chloroethane	1.0	U	↓
75-35-4	1,1-Dichloroethylene	6.1		=
67-64-1	Acetone	5.0	U	U
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	5 ~~3.2~~	JB	U F01, F06
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene(total)	501 ~~422~~	~~E~~ D	=
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	↓
56-23-5	Carbon tetrachloride	1.0	U	↓
107-06-2	1,2-Dichloroethane	1.0	U	↓
71-43-2	Benzene	0.66	J	J
79-01-6	Trichloroethylene	406 ~~323~~	~~E~~ D	=
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	↓
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	↓
108-10-1	4-Methyl-2-pentanone	5.0	U	↓
108-88-3	Toluene	1.0	U	↓
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	↓
79-00-5	1,1,2-Trichloroethane	1.0	U	↓
591-78-6	2-Hexanone	5.0	U	↓
127-18-4	Tetrachloroethylene	1.0	U	↓
124-48-1	Dibromochloromethane	1.0	U	↓
108-90-7	Chlorobenzene	1.0	U	↓
100-41-4	Ethylbenzene	1.0	U	↓
1330-20-7	Xylenes (total)	3.0	U	↓
100-42-5	Styrene	1.0	U	↓
75-25-2	Bromoform	1.0	U	↓
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	↓

FORM I VOA OLM03.0

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1572

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053015

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X205

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q	
74-87-3	Chloromethane	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	1.8	J	J COS
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	~~3.3~~ 5	JB	U FO1, FO6
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene(total)	63.9		U
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	0.40	J	J
79-01-6	Trichloroethylene	1.0		
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	U
108-88-3	Toluene	0.34	J	J
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	U
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	U
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	U
100-42-5	Styrene	0.21	J	J
75-25-2	Bromoform	1.0	U	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	U

FORM I VOA OLM03.0

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1582

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: USTMCA03W

Matrix: (soil/water) WATER Lab Sample ID: 22053016

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2X141

Level: (low/med) LOW Date Received: 02/18/00

% Moisture: not dec. _____ Date Analyzed: 02/22/00

GC Column: DB-624 ID: 0.25 (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		1.0	U
75-01-4	Vinyl chloride		1.0	U
74-83-9	Bromomethane		1.0	U
75-00-3	Chloroethane		1.0	U
75-35-4	1,1-Dichloroethylene		1.0	U
67-64-1	Acetone		5.0	U
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride	5	3.1	JB
75-34-3	1,1-Dichloroethane		1.0	U
78-93-3	2-Butanone		5.0	U
540-59-0	1,2-Dichloroethylene(total)		7.2	
67-66-3	Chloroform		1.0	U
71-55-6	1,1,1-Trichloroethane		1.0	U
56-23-5	Carbon tetrachloride		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
71-43-2	Benzene		1.0	U
79-01-6	Trichloroethylene		1.0	U
78-87-5	1,2-Dichloropropane		1.0	U
75-27-4	Bromodichloromethane		1.0	U
10061-01-5	cis-1,3-Dichloropropylene		1.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.0	U
10061-02-6	trans-1,3-Dichloropropylene		1.0	U
79-00-5	1,1,2-Trichloroethane		1.0	U
591-78-6	2-Hexanone		5.0	U
127-18-4	Tetrachloroethylene		1.0	U
124-48-1	Dibromochloromethane		1.0	U
108-90-7	Chlorobenzene		1.0	U
100-41-4	Ethylbenzene		1.0	U
1330-20-7	Xylenes (total)		3.0	U
100-42-5	Styrene		1.0	U
75-25-2	Bromoform		1.0	U
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U

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CHAIN OF CUSTODY RECORD

COC NO.: MCAØØ1

PROJECT NAME: MCA Barracks and Misc. UST Investigations

PROJECT NUMBER: 01-1624-04-2725-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Laura Lumley (Printed Name: Laura Lumley)

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road, Charleston, SC 29417

PHONE NO: (843) 556 8171

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	VOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
AA0811	2/17/00	1025	Soil	1	1		2		
AA0911	2/17/00	1107	↓	1	1		2		
AB0811	2/17/00	1245	↓	1	1		2		
XX1112	2/16/00	1104	water			2	2		
XX1122	2/16/00	1203	↓			2	2		
XX1132	2/16/00	1250	↓			2	2		
XX1142	2/16/00	1325	↓			2	2		
XX1152	2/16/00	1412	↓			2	2		
XX1162	2/16/00	1531	↓			2	2		
XX1182	2/16/00	1736	↓			2	2		
XX1192	2/16/00	1629	↓			2	2		
XX1312	2/16/00	1045	↓			2	2		
XX1322	2/16/00	1205	↓			2	2		

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Laura Lumley	2/18/00 1140	Patricia Dower	2-18-00 14:20
COMPANY NAME: SAIC		COMPANY NAME: GEL	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:	2/18/00 1140	COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME: GEL	2/18/00 1420	COMPANY NAME:	

TOTAL NUMBER OF CONTAINERS:

Cooler Temperature: 4°C

Cooler ID: #489

FEDEX NUMBER:

Science Applications International Corporation
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CHAIN OF CUSTODY RECORD

COC NO.: MCAΦΦ1

PROJECT NAME: MCA Barracks and Misc. UST Investigations

PROJECT NUMBER: 01-1624-04-2725-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature) Laura Lumley (Printed Name) Laura Lumley

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29417

PHONE NO: (843) 556-8171

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	VOC	No. of Bottles/ Vials	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
XX1332	2/16/00	1230	water			2	2		
XX1342	2/16/00	1250				2	2		
XX1352	2/16/00	1312				2	2		
XX1362	2/16/00	1335				2	2		
XX1372	2/16/00	1442				2	2		
XX1382	2/16/00	1510				2	2		
XX1392	2/16/00	1550				2	2		
HP0023	2/16/00	0600				2	2		
XX1212	2/17/00	0923				2	2		
XX1222	2/17/00	0950				2	2		
XX1232	2/17/00	1007				2	2		
XX1242	2/17/00	1030				2	2		
XX1252	2/17/00	1050				2	2		

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Laura Lumley	2/18/00 1140	Patricia Dover	2-18-00 1420
COMPANY NAME: SAIC		COMPANY NAME: GEL	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
	2-18-00 1140		
COMPANY NAME:		COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

TOTAL NUMBER OF CONTAINERS:

Cooler ID: #489

Cooler Temperature: 4°c

FEDEX NUMBER:

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CHAIN OF CUSTODY RECORD

COC NO.: MCAØØ1

PROJECT NAME: MCA Barracks and Misc. UST Investigations

PROJECT NUMBER: 01-1624-04-2725-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Laura Lumley (Printed Name): Laura Lumley

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road, Charleston, SC 29417

PHONE NO: (843) 556-8171

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	VOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
XX1262	2/17/00	1115	water			2	2		
XX1272	2/17/00	1220				2	2		
XX1282	2/17/00	1255				2	2		
XX1292	2/17/00	1340				2	2		
XX1216	2/17/00	0940				2	2		
XX1512	2/17/00	1506				2	2		
XX1522	2/17/00	1520				2	2		
XX1532	2/17/00	1545				2	2		
XX1542	2/17/00	1605				2	2		
XX1552	2/17/00	1624				2	2		
XX1562	2/17/00	1649				2	2		
XX1572	2/17/00	1721				2	2		
XX1582	2/17/00	1746	↓			2	2		

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time	TOTAL NUMBER OF CONTAINERS:	Cooler Temperature: 4°c
Laura Lumley	2/18/00 1140	Patricia Dover	2-18-00 14:20	Cooler ID: #489	FEDEX NUMBER:
COMPANY NAME: SAIC		COMPANY NAME: GEL			
RELINQUISHED BY:	Date/Time 2/18/00 1440	RELINQUISHED BY:	Date/Time		
COMPANY NAME: GEL		COMPANY NAME:			
RELINQUISHED BY:	Date/Time 2/18/00 1720	RECEIVED BY:	Date/Time		
COMPANY NAME: GEL		COMPANY NAME:			

cc

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CHAIN OF CUSTODY RECORD

COC NO.: MCA00 1

PROJECT NAME: MCA Barracks and Misc. UST Investigations

PROJECT NUMBER: 01-1624-04-2725-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature) Laura Lumley (Printed Name) Laura Lumley

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29417

PHONE NO: (843) 556-8171

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	VOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
XX1412	2/17/00	1432	water			2	2		
XX1422	2/17/00	1455				2	2		
XX1432	2/17/00	1517				2	2		
XX1442	2/17/00	1542				2	2		
XX1452	2/17/00	1610				2	2		
XX1462	2/17/00	1640				2	2		
XX1472	2/17/00	1705				2	2		
XX1482	2/17/00	1732				2	2		
XX1424	2/17/00	1455				2	2		
HP0024	2/17/00	0745	↓			2	2		

2/18/00

22a .3 22053 .3 22c

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Laura Lumley	2/18/00	Patricia Dover	2-18-00
COMPANY NAME: SAIC	1140	COMPANY NAME: GEL	14:20
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME: GEL	2-18-00 1140	COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:	2/18-00 1417	COMPANY NAME:	

TOTAL NUMBER OF CONTAINERS: 98

Cooler ID: # 489

Cooler Temperature: 4°c

FEDEX NUMBER:

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1846

CHAIN OF CUSTODY RECORD

COC NO.: MCA002

PROJECT NAME: MCA Barracks and Misc UST Investigations

PROJECT NUMBER: 01-1624-04-2726-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature) Laura Lumley (Printed Name) Laura Lumley

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road, Charleston, SC 29417

PHONE NO: (843) 556 8171

REQUESTED PARAMETERS

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	VOC	No. of Bottles/ Vials	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
MP 0027	2/20/00	0730	water			2	2		22082 001
XX 0412	2/20/00	0845				2	2		002
XX 0422	2/20/00	0903				2	2		003
XX 0424	2/20/00	0903				2	2		004
XX 0432	2/20/00	0936				2	2		005
XX 0442	2/20/00	0957				2	2		006
XX 0452	2/20/00	1020				2	2		007
XX 0462	2/20/00	1047				2	2		008
XX 0472	2/20/00	1116				2	2		009
XX 0482	2/20/00	1146				2	2		010
XX 0492	2/20/00	1216				2	2		011
XX 0512	2/20/00	0955				2	2		012
XX 0522	2/20/00	1021				2	2		013

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
Laura Lumley	2/21/00 1200	Richardson	2/21/00 1455
COMPANY NAME: SAIC		COMPANY NAME: GEL	
RELINQUISHED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME: GEL	2/21/00 1200	COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME: GEL	2/21/00 1457	COMPANY NAME:	

TOTAL NUMBER OF CONTAINERS:

Cooler Temperature: 4°C

Cooler ID: #10

FEDEX NUMBER:

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CHAIN OF CUSTODY RECORD

COC NO.: MCA004Z

PROJECT NAME: MCA Barracks and Misc. UST Investigations

PROJECT NUMBER: 01-1624-04-2725-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature) Laura Lumley (Printed Name) Laura Lumley

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road, Charleston, SC 29417

PHONE NO: (843) 556-8171

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	VOC	No. of Bottles/ Vials	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
XX0532	2/20/00	1041	water			2	2		22082014
XX0542	2/20/00	1104				2	2		015
XX0552	2/20/00	1125				2	2		016
XX0562	2/20/00	1155				2	2		017
XX0572	2/20/00	1315				2	2		018
XX0582	2/20/00	1352				2	2		019
XX0592	2/20/00	1445				2	2		020
XX0712	2/19/00	0905				2	2		22083001 .2
XX0722	2/19/00	0920				2	2		002
XX0732	2/19/00	0935				2	2		003
XX0742	2/19/00	1000				2	2		004
XX0752	2/19/00	1017				2	2		005
XX0762	2/19/00	1040				2	2		006

	Date/Time		Date/Time		
RELINQUISHED BY: Laura Lumley	2/21/00	RECEIVED BY:	2/21/00	TOTAL NUMBER OF CONTAINERS:	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1200	COMPANY NAME: GEL	1455	Cooler ID: #10	FEDEX NUMBER:
RECEIVED BY:	Date/Time 2/21/00	RELINQUISHED BY:	Date/Time		
COMPANY NAME: GEL	1200	COMPANY NAME:			
RELINQUISHED BY:	Date/Time 2/21/00 1455	RECEIVED BY:	Date/Time		
COMPANY NAME: GEL		COMPANY NAME:			

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800 Oak Ridge Turnpike, Oak Ridge, TN 37831 (423) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: MCA002

*PROJECT NAME: MCA Barracks and Misc. UST Investigations

*PROJECT NUMBER: 01-1624-04-2725-200

*PROJECT MANAGER: Patty Stoll

*Sampler (Signature) (Printed Name) Laura Lumley

REQUESTED PARAMETERS

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	VOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
XX0772	2/19/00	1105	water			2	2		22083007
XX0782	2/19/00	1146				2	2		008
XX0792	2/19/00	1315				2	2		009
HP0026	2/19/00	0730				2	2		010
XX0612	2/19/00	1346				2	2		011
XX0622	2/19/00	1407				2	2		012
XX0624	2/19/00	1407				2	2		013
XX0632	2/19/00	1431				2	2		014
XX0642	2/19/00	1458				2	2		015
XX0652	2/19/00	1521				2	2		016
XX0662	2/19/00	1603				2	2		017
XX0672	2/19/00	1647				2	2		018
XX0682	2/19/00	1730	↓			2	2		019

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29417

PHONE NO: (843) 556-8171

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Laura Lumley	2/21/00		
COMPANY NAME: SAIC	1200	COMPANY NAME:	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
	2/21/00		
COMPANY NAME: GEL	1200	COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
	2/21/00		
COMPANY NAME: GEL	1455	COMPANY NAME:	

TOTAL NUMBER OF CONTAINERS:

Cooler ID: #10

Cooler Temperature: 4°C

FEDEX NUMBER:

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4086

CHAIN OF CUSTODY RECORD

COC NO.: MCA002

T NAME: MCA Barracks and Misc. UST Investigations

T NUMBER: 01-1624-04-2725-200

T MANAGER: Patty Stoll

(Signature) Laura Lumley (Printed Name)

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road, Charleston, SC 29417

PHONE NO: (843) 556-8171

mple ID	Date Collected	Time Collected	Matrix	BTEX	PAH	VOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
XX0092	2/19/00	1422	water			2	2		22083020 .2
XX1012	2/18/00	0946				2	2		22084001 .3
XX1022	2/16/00	1005				2	2		002
XX1024	2/16/00	1005				2	2		003
XX1032	2/16/00	1022				2	2		004
XX1042	2/16/00	1040				2	2		005
XX1052	2/16/00	1054				2	2		006
XX1062	2/18/00	1541				2	2		007
XX1072	2/16/00	1616				2	2		008
XX1082	2/16/00	1705				2	2		009
XX1092	2/16/00	1746				2	2		010
XX0912	2/18/00	0935				2	2		011
XX0822	2/18/00	0953	↓			2	2		012

ISHED BY: Lumley	Date/Time 2/21/00 1200	RECEIVED BY: Frances	Date/Time 2/21/00 1455	TOTAL NUMBER OF CONTAINERS:	Cooler Temperature: 4°C
Y NAME: SAIC		COMPANY NAME: Gel		Cooler ID: #10	FEDEX NUMBER:
BY: Lochner	Date/Time 2/21/00 1200	RELINQUISHED BY:	Date/Time		
Y NAME: Gel		COMPANY NAME:			
SHED BY: Lochner	Date/Time 2/21/00 1455	RECEIVED BY:	Date/Time		
Y NAME: GEL		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

COC NO.: MCA002

PROJECT NAME: MCA Barracks and Misc. UST Investigations

PROJECT NUMBER: 01-1624-04-2725-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Laura Lumley (Printed Name): Laura Lumley

REQUESTED PARAMETERS

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	VOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS SPECIAL INSTRUCTIONS
XX0824	2/16/00	0953	water			2	2		22084013
XX0832	2/16/00	1013				2	2		014
XX0842	2/16/00	1036				2	2		015
XX0852	2/16/00	1103				2	2		016
XX0862	2/16/00	1133				2	2		017
XX0872	2/16/00	1200				2	2		018
XX0892	2/16/00	1304				2	2		019
HP0025	2/16/00	0745				2	2		020
XX0912	2/16/00	1513				2	2		22085001
XX0922	2/16/00	1526				2	2		002
XX0932	2/16/00	1546				2	2		003
XX0942	2/16/00	1634				2	2		004
XX0952	2/16/00	1717				2	2		005

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29417

PHONE NO: (843) 556-8171

Cooler Temperature: 4°C

TOTAL NUMBER OF CONTAINERS:

Cooler ID: #10

FEDEX NUMBER:

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Laura Lumley	2/21/00 1250	[illegible]	2/21/00 1455
COMPANY NAME: SAIC		COMPANY NAME: GEL	
RECEIVED BY: [illegible]	Date/Time 2/21/00 1200	RELINQUISHED BY:	Date/Time
COMPANY NAME: GEL		COMPANY NAME:	
RELINQUISHED BY: [illegible]	Date/Time 2/21/00 1415	RECEIVED BY:	Date/Time
COMPANY NAME: GEL		COMPANY NAME:	

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CHAIN OF CUSTODY RECORD

COC NO.: MCA00Z

PROJECT NAME: MCA Barracks and Misc UST Investigations

PROJECT NUMBER: 01-1624-04-2725-200

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Laura Lumley (Printed Name): Laura Lumley

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	VOC	No. of Bottles/Vials	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
XX096Z	2/14/00	1741	water			2	2		22085006
XX097Z	2/14/00	1613				2	2		007
XX099Z	2/14/00	1050				2	2		008
AM291Z	2/14/00	1400	↓			2	2		009
321311	2/21/00	1000	Soil	1	1		2		22087001

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29417

PHONE NO: (843) 556-8171

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Laura Lumley	2/21/00	Francis	2/21/00
COMPANY NAME: SAIC	1200	COMPANY NAME: GEL	1455
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME: GEL	2/21/00 1200	COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME: GEL	2/21/00 (FJ)	COMPANY NAME:	

TOTAL NUMBER OF CONTAINERS: 140

Cooler ID: #10

Cooler Temperature: 4°C

FEDEX NUMBER:

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GROUNDWATER ANALYTICAL RESULTS
NOVEMBER 2001

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1612

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871002

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J331

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/14/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	5.5		U F04, F07
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	5 ~~1.9~~	JB	U F01, F06
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	
540-59-0	1,2-Dichloroethylene (total)	2.0	U	
67-66-3	Chloroform	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0	U	
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1622

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871003

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J332

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/14/01

GC Column: DB-624 ID: 0.25 (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		1.0	U
75-01-4	Vinyl chloride		1.0	U
74-83-9	Bromomethane		1.0	U
75-00-3	Chloroethane		1.0	U
75-35-4	1,1-Dichloroethylene		1.0	U
67-64-1	Acetone		5.0	
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride	5	~~1.4~~	JB
75-34-3	1,1-Dichloroethane		1.0	U
78-93-3	2-Butanone		5.0	U
540-59-0	1,2-Dichloroethylene (total)		2.0	U
67-66-3	Chloroform		1.0	U
71-55-6	1,1,1-Trichloroethane		1.0	U
56-23-5	Carbon tetrachloride		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
71-43-2	Benzene		1.0	U
79-01-6	Trichloroethylene		1.0	U
78-87-5	1,2-Dichloropropane		1.0	U
75-27-4	Bromodichloromethane		1.0	U
10061-01-5	cis-1,3-Dichloropropylene		1.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.0	U
10061-02-6	trans-1,3-Dichloropropylene		1.0	U
79-00-5	1,1,2-Trichloroethane		1.0	U
591-78-6	2-Hexanone		5.0	U
127-18-4	Tetrachloroethylene		1.0	U
124-48-1	Dibromochloromethane		1.0	U
108-90-7	Chlorobenzene		1.0	U
100-41-4	Ethylbenzene		1.0	U
1330-20-7	Xylenes (total)		3.0	U
100-42-5	Styrene		1.0	U
75-25-2	Bromoform		1.0	U
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U

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U F04, F06
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U F01, F06
U

DATA VALIDATION COPY

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1632

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871004

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J333

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/14/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U	
75-01-4	Vinyl chloride	1.0	U		
74-83-9	Bromomethane	1.0	U		
75-00-3	Chloroethane	1.0	U		
75-35-4	1,1-Dichloroethylene	1.0	U		
67-64-1	Acetone	5.3		U	F04, F07
75-15-0	Carbon disulfide	5.0	U	U	
75-09-2	Methylene chloride	5 ~~1.4~~	JB	U	F01, F06
75-34-3	1,1-Dichloroethane	1.0	U	U	
78-93-3	2-Butanone	5.0	U		
540-59-0	1,2-Dichloroethylene (total)	2.0	U		
67-66-3	Chloroform	1.0	U		
71-55-6	1,1,1-Trichloroethane	1.0	U		
56-23-5	Carbon tetrachloride	1.0	U		
107-06-2	1,2-Dichloroethane	1.0	U		
71-43-2	Benzene	1.0	U		
79-01-6	Trichloroethylene	1.0	U		
78-87-5	1,2-Dichloropropane	1.0	U		
75-27-4	Bromodichloromethane	1.0	U		
10061-01-5	cis-1,3-Dichloropropylene	1.0	U		
108-10-1	4-Methyl-2-pentanone	5.0	U		
108-88-3	Toluene	1.0	U		
10061-02-6	trans-1,3-Dichloropropylene	1.0	U		
79-00-5	1,1,2-Trichloroethane	1.0	U		
591-78-6	2-Hexanone	5.0	U		
127-18-4	Tetrachloroethylene	1.0	U		
124-48-1	Dibromochloromethane	1.0	U		
108-90-7	Chlorobenzene	1.0	U		
100-41-4	Ethylbenzene	1.0	U		
1330-20-7	Xylenes (total)	3.0	U		
100-42-5	Styrene	1.0	U		
75-25-2	Bromoform	1.0	U		
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1712

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J334

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/14/01

GC Column: DB-624 ID: 0.25 (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		1.0	U	U
75-01-4	Vinyl chloride		1.0	U	
74-83-9	Bromomethane		1.0	U	
75-00-3	Chloroethane		1.0	U	
75-35-4	1,1-Dichloroethylene		1.0	U	
67-64-1	Acetone		53.1		U F04, F07
75-15-0	Carbon disulfide		5.0	U	U
75-09-2	Methylene chloride	5	~~1.1~~	JB	U F01, F06
75-34-3	1,1-Dichloroethane		1.0	U	U
78-93-3	2-Butanone		7.7		U F04, F07
540-59-0	1,2-Dichloroethylene (total)		2.0	U	U
67-66-3	Chloroform		1.0	U	U
71-55-6	1,1,1-Trichloroethane		0.62	J	J
56-23-5	Carbon tetrachloride		1.0	U	U
107-06-2	1,2-Dichloroethane		1.0	U	
71-43-2	Benzene		1.0	U	
79-01-6	Trichloroethylene		1.0	U	
78-87-5	1,2-Dichloropropane		1.0	U	
75-27-4	Bromodichloromethane		1.0	U	
10061-01-5	cis-1,3-Dichloropropylene		1.0	U	
108-10-1	4-Methyl-2-pentanone		5.0	U	
108-88-3	Toluene	1.0	~~0.30~~	J	U F04, F06
10061-02-6	trans-1,3-Dichloropropylene		1.0	U	U
79-00-5	1,1,2-Trichloroethane		1.0	U	
591-78-6	2-Hexanone		5.0	U	
127-18-4	Tetrachloroethylene		1.0	U	
124-48-1	Dibromochloromethane		1.0	U	
108-90-7	Chlorobenzene		1.0	U	
100-41-4	Ethylbenzene		1.0	U	
1330-20-7	Xylenes (total)		3.0	U	
100-42-5	Styrene		1.0	U	
75-25-2	Bromoform		1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1722

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871006

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J413

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	13.5	B	U F01, F07
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	5.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
78-93-3	2-Butanone	5 ~~2.0~~	J	U F04, F06
540-59-0	1,2-Dichloroethylene (total)	0.45	J	J
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	3.4		=
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0 ~~0.59~~	J	U F04, F06
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	U
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	0.74	J	J
1330-20-7	Xylenes (total)	3.0	U	U
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1812

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871007

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J335

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/14/01

GC Column: DB-624 ID: 0.25 (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		1.0	U
75-01-4	Vinyl chloride		1.0	U
74-83-9	Bromomethane		1.0	U
75-00-3	Chloroethane		1.0	U
75-35-4	1,1-Dichloroethylene		1.0	U
67-64-1	Acetone		12.0	
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride	5	~~1.6~~	JB
75-34-3	1,1-Dichloroethane		1.0	U
78-93-3	2-Butanone	5	~~2.0~~	J
540-59-0	1,2-Dichloroethylene (total)		100	
67-66-3	Chloroform		1.0	U
71-55-6	1,1,1-Trichloroethane		1.0	U
56-23-5	Carbon tetrachloride		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
71-43-2	Benzene		0.56	J
79-01-6	Trichloroethylene		5.1	
78-87-5	1,2-Dichloropropane		1.0	U
75-27-4	Bromodichloromethane		1.0	U
10061-01-5	cis-1,3-Dichloropropylene		1.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene	1.0	~~0.55~~	J
10061-02-6	trans-1,3-Dichloropropylene		1.0	U
79-00-5	1,1,2-Trichloroethane		1.0	U
591-78-6	2-Hexanone		5.0	U
127-18-4	Tetrachloroethylene		1.0	U
124-48-1	Dibromochloromethane		1.0	U
108-90-7	Chlorobenzene		1.0	U
100-41-4	Ethylbenzene		1.0	U
1330-20-7	Xylenes (total)		3.0	U
100-42-5	Styrene		1.0	U
75-25-2	Bromoform		1.0	U
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U

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U F04, F07
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U F01, F06
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U F04, F06
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U F04, F06
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1822

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871008

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J336

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/14/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	20.0		U F04,F07
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	5 1.8	JB	U F01,F06
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5 3.7	J	U F04,F06
540-59-0	1,2-Dichloroethylene (total)	37.7		=
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.2		U F04,F07
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	U
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1832

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: S1871

Matrix: (soil/water) WATER Lab Sample ID: S1871009

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J337

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (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		1.0	U
75-01-4	Vinyl chloride		1.0	U
74-83-9	Bromomethane		1.0	U
75-00-3	Chloroethane		1.0	U
75-35-4	1,1-Dichloroethylene		1.0	U
67-64-1	Acetone		5.6	
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride	5	~~1.2~~	JB
75-34-3	1,1-Dichloroethane		1.0	U
78-93-3	2-Butanone		5.0	U
540-59-0	1,2-Dichloroethylene (total)		2.0	U
67-66-3	Chloroform		1.0	U
71-55-6	1,1,1-Trichloroethane		1.0	U
56-23-5	Carbon tetrachloride		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
71-43-2	Benzene		1.0	U
79-01-6	Trichloroethylene		1.0	U
78-87-5	1,2-Dichloropropane		1.0	U
75-27-4	Bromodichloromethane		1.0	U
10061-01-5	cis-1,3-Dichloropropylene		1.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.0	U
10061-02-6	trans-1,3-Dichloropropylene		1.0	U
79-00-5	1,1,2-Trichloroethane		1.0	U
591-78-6	2-Hexanone		5.0	U
127-18-4	Tetrachloroethylene		1.0	U
124-48-1	Dibromochloromethane		1.0	U
108-90-7	Chlorobenzene		1.0	U
100-41-4	Ethylbenzene		1.0	U
1330-20-7	Xylenes (total)		3.0	U
100-42-5	Styrene		1.0	U
75-25-2	Bromoform		1.0	U
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U

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U F04, F07
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U F01, F06
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE
EPA SAMPLE NO.

XX1834

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871010

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J338

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U	
75-01-4	Vinyl chloride	1.0	U		
74-83-9	Bromomethane	1.0	U		
75-00-3	Chloroethane	1.0	U		
75-35-4	1,1-Dichloroethylene	1.0	U		
67-64-1	Acetone	5.8		U	F04, F07
75-15-0	Carbon disulfide	5.0	U	U	
75-09-2	Methylene chloride	5 ~~1.5~~	JB	U	F01, F06
75-34-3	1,1-Dichloroethane	1.0	U	U	
78-93-3	2-Butanone	5.0	U		
540-59-0	1,2-Dichloroethylene (total)	2.0	U		
67-66-3	Chloroform	1.0	U		
71-55-6	1,1,1-Trichloroethane	1.0	U		
56-23-5	Carbon tetrachloride	1.0	U		
107-06-2	1,2-Dichloroethane	1.0	U		
71-43-2	Benzene	1.0	U		
79-01-6	Trichloroethylene	1.0	U		
78-87-5	1,2-Dichloropropane	1.0	U		
75-27-4	Bromodichloromethane	1.0	U		
10061-01-5	cis-1,3-Dichloropropylene	1.0	U		
108-10-1	4-Methyl-2-pentanone	5.0	U		
108-88-3	Toluene	1.0	U		
10061-02-6	trans-1,3-Dichloropropylene	1.0	U		
79-00-5	1,1,2-Trichloroethane	1.0	U		
591-78-6	2-Hexanone	5.0	U		
127-18-4	Tetrachloroethylene	1.0	U		
124-48-1	Dibromochloromethane	1.0	U		
108-90-7	Chlorobenzene	1.0	U		
100-41-4	Ethylbenzene	1.0	U		
1330-20-7	Xylenes (total)	3.0	U		
100-42-5	Styrene	1.0	U		
75-25-2	Bromoform	1.0	U		
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1912

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871014

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J414

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	11.4	B	U F01,F07
75-15-0	Carbon disulfide	5.0	U	
75-09-2	Methylene chloride	5.0	U	
75-34-3	1,1-Dichloroethane	0.36	J	
78-93-3	2-Butanone	~~2.1~~ 5	J	U F04,F06
540-59-0	1,2-Dichloroethylene (total)	23.1		
67-66-3	Chloroform	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	0.58	J	
79-01-6	Trichloroethylene	0.48	J	
78-87-5	1,2-Dichloropropane	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.4		U F04,F07
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	U
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	0.28	J	
1330-20-7	Xylenes (total)	1.2	J	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1922

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871015

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J341

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	6.5		U F01, F07
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	1.8	JB	U F01, F06
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	5.0	U	U
540-59-0	1,2-Dichloroethylene (total)	2.3		U
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	4.6		
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.2		U F04, F07
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	U
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	0.22	J	J
1330-20-7	Xylenes (total)	0.54	J	J
100-42-5	Styrene	1.0	U	U
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX1932

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871016

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J415

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	9.2	B	U F01, F07
75-15-0	Carbon disulfide	5.0	U	
75-09-2	Methylene chloride	5.0	U	U
75-34-3	1,1-Dichloroethane	1.0	U	
78-93-3	2-Butanone	5.0	U	
540-59-0	1,2-Dichloroethylene (total)	2.0	U	
67-66-3	Chloroform	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0 ~~0.52~~	J	U F04, F06
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	U
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2012

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871011

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J411

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

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	5.0	U	u
75-01-4	Vinyl chloride	5.0	U	
74-83-9	Bromomethane	5.0	U	
75-00-3	Chloroethane	5.0	U	
75-35-4	1,1-Dichloroethylene	5.0	U	
67-64-1	Acetone	26.1	B	u F01,F07
75-15-0	Carbon disulfide	25.0	U	u
75-09-2	Methylene chloride	25.0	U	
75-34-3	1,1-Dichloroethane	5.0	U	
78-93-3	2-Butanone	25.0	U	
540-59-0	1,2-Dichloroethylene (total)	16.8		= u
67-66-3	Chloroform	5.0	U	
71-55-6	1,1,1-Trichloroethane	5.0	U	
56-23-5	Carbon tetrachloride	5.0	U	
107-06-2	1,2-Dichloroethane	5.0	U	
71-43-2	Benzene	5.0	U	
79-01-6	Trichloroethylene	457		= u
78-87-5	1,2-Dichloropropane	5.0	U	
75-27-4	Bromodichloromethane	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	5.0	U	
108-10-1	4-Methyl-2-pentanone	25.0	U	
108-88-3	Toluene	5.0	U	
10061-02-6	trans-1,3-Dichloropropylene	5.0	U	
79-00-5	1,1,2-Trichloroethane	5.0	U	
591-78-6	2-Hexanone	25.0	U	
127-18-4	Tetrachloroethylene	5.0	U	
124-48-1	Dibromochloromethane	5.0	U	
108-90-7	Chlorobenzene	5.0	U	
100-41-4	Ethylbenzene	5.0	U	
1330-20-7	Xylenes (total)	15.0	U	
100-42-5	Styrene	5.0	U	
75-25-2	Bromoform	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2022

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871012

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J339

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

USQ

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q	
74-87-3	Chloromethane	1.0	U		U
75-01-4	Vinyl chloride	1.0	U		
74-83-9	Bromomethane	1.0	U		
75-00-3	Chloroethane	1.0	U		
75-35-4	1,1-Dichloroethylene	1.0			=
67-64-1	Acetone	6.4			U F04, F07
75-15-0	Carbon disulfide	5.0	U		U
75-09-2	Methylene chloride	5 ~~1.0~~	JB		U F01, F06
75-34-3	1,1-Dichloroethane	1.0	U		U
78-93-3	2-Butanone	5.0	U		U
540-59-0	1,2-Dichloroethylene (total)	29.8			=
67-66-3	Chloroform	1.0	U		U
71-55-6	1,1,1-Trichloroethane	1.0	U		
56-23-5	Carbon tetrachloride	1.0	U		
107-06-2	1,2-Dichloroethane	1.0	U		
71-43-2	Benzene	0.55	J		J
79-01-6	Trichloroethylene	818 ~~826~~	E	D	=
78-87-5	1,2-Dichloropropane	1.0	U		U
75-27-4	Bromodichloromethane	1.0	U		
10061-01-5	cis-1,3-Dichloropropylene	1.0	U		
108-10-1	4-Methyl-2-pentanone	5.0	U		
108-88-3	Toluene	1.0 0 ~~25~~	J		U F04, F06
10061-02-6	trans-1,3-Dichloropropylene	1.0	U		U
79-00-5	1,1,2-Trichloroethane	1.0	U		
591-78-6	2-Hexanone	5.0	U		
127-18-4	Tetrachloroethylene	0.27	J		J
124-48-1	Dibromochloromethane	1.0	U		U
108-90-7	Chlorobenzene	1.0	U		
100-41-4	Ethylbenzene	1.0	U		
1330-20-7	Xylenes (total)	3.0	U		
100-42-5	Styrene	1.0	U		
75-25-2	Bromoform	1.0	U		
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U		

DATA VALIDATION COPY

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2032

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871013

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J412

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

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

USL

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
74-87-3	Chloromethane	5.0	U	U
75-01-4	Vinyl chloride	5.0	U	
74-83-9	Bromomethane	5.0	U	
75-00-3	Chloroethane	5.0	U	
75-35-4	1,1-Dichloroethylene	5.0	U	
67-64-1	Acetone	32.6	B	U F01, F07
75-15-0	Carbon disulfide	25.0	U	
75-09-2	Methylene chloride	25.0	U	U
75-34-3	1,1-Dichloroethane	5.0	U	
78-93-3	2-Butanone	25.0	U	
540-59-0	1,2-Dichloroethylene (total)	50.0		=
67-66-3	Chloroform	5.0	U	U
71-55-6	1,1,1-Trichloroethane	5.0	U	
56-23-5	Carbon tetrachloride	5.0	U	
107-06-2	1,2-Dichloroethane	5.0	U	
71-43-2	Benzene	1.9	J	J
79-01-6	Trichloroethylene	476 ~~561~~	~~E~~ D	=
78-87-5	1,2-Dichloropropane	5.0	U	U
75-27-4	Bromodichloromethane	5.0	U	
10061-01-5	cis-1,3-Dichloropropylene	5.0	U	
108-10-1	4-Methyl-2-pentanone	25.0	U	
108-88-3	Toluene	5 ~~1.9~~	J	U F04, F06
10061-02-6	trans-1,3-Dichloropropylene	5.0	U	U
79-00-5	1,1,2-Trichloroethane	5.0	U	
591-78-6	2-Hexanone	25.0	U	
127-18-4	Tetrachloroethylene	5.0	U	
124-48-1	Dibromochloromethane	5.0	U	
108-90-7	Chlorobenzene	5.0	U	
100-41-4	Ethylbenzene	5.0	U	
1330-20-7	Xylenes (total)	15.0	U	
100-42-5	Styrene	5.0	U	
75-25-2	Bromoform	5.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	

DATA VALIDATION

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2112

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871017

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J416

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	10.7	B	U F01,F07
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	5.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
78-93-3	2-Butanone	5 ~~2.0~~	J	U F04,F06
540-59-0	1,2-Dichloroethylene (total)	2.2		
67-66-3	Chloroform	1.0	U	U
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	0.39	J	U
79-01-6	Trichloroethylene	1.3		
78-87-5	1,2-Dichloropropane	1.0	U	U
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.6		U F04,F07
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	U
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	2.3		
124-48-1	Dibromochloromethane	1.0	U	U
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	0.61	J	
1330-20-7	Xylenes (total)	1.8	J	
100-42-5	Styrene	1.0	U	U
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2122

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871018

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J342

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (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		1.0	U	u
75-01-4	Vinyl chloride		1.0	U	
74-83-9	Bromomethane		1.0	U	
75-00-3	Chloroethane		1.0	U	
75-35-4	1,1-Dichloroethylene		1.0	U	
67-64-1	Acetone		5.8		u F04, F07
75-15-0	Carbon disulfide		5.0	U	u
75-09-2	Methylene chloride	5	~~1.6~~	JB	u F01, F06
75-34-3	1,1-Dichloroethane		1.0	U	u
78-93-3	2-Butanone		5.0	U	
540-59-0	1,2-Dichloroethylene (total)		2.0	U	
67-66-3	Chloroform		1.0	U	
71-55-6	1,1,1-Trichloroethane		1.0	U	
56-23-5	Carbon tetrachloride		1.0	U	
107-06-2	1,2-Dichloroethane		1.0	U	
71-43-2	Benzene		1.0	U	
79-01-6	Trichloroethylene		1.0	U	
78-87-5	1,2-Dichloropropane		1.0	U	
75-27-4	Bromodichloromethane		1.0	U	
10061-01-5	cis-1,3-Dichloropropylene		1.0	U	
108-10-1	4-Methyl-2-pentanone		5.0	U	
108-88-3	Toluene		2.1		= F04, F08
10061-02-6	trans-1,3-Dichloropropylene		1.0	U	u
79-00-5	1,1,2-Trichloroethane		1.0	U	
591-78-6	2-Hexanone		5.0	U	
127-18-4	Tetrachloroethylene		1.0	U	
124-48-1	Dibromochloromethane		1.0	U	
108-90-7	Chlorobenzene		1.0	U	
100-41-4	Ethylbenzene		0.41	J	J
1330-20-7	Xylenes (total)		2.1	J	J
100-42-5	Styrene		1.0	U	u
75-25-2	Bromoform		1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2132

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871019

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J349

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0

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	10.0	U	U
75-01-4	Vinyl chloride	10.0	U	
74-83-9	Bromomethane	10.0	U	
75-00-3	Chloroethane	10.0	U	
75-35-4	1,1-Dichloroethylene	10.0	U	
67-64-1	Acetone	50.0	U	
75-15-0	Carbon disulfide	50.0	U	
75-09-2	Methylene chloride	50 ~~49~~ 2	JB	U F01, F06
75-34-3	1,1-Dichloroethane	10.0	U	
78-93-3	2-Butanone	50.0	U	U
540-59-0	1,2-Dichloroethylene (total)	636		U
67-66-3	Chloroform	10.0	U	U
71-55-6	1,1,1-Trichloroethane	10.0	U	
56-23-5	Carbon tetrachloride	10.0	U	
107-06-2	1,2-Dichloroethane	10.0	U	
71-43-2	Benzene	10.0	U	
79-01-6	Trichloroethylene	122		=
78-87-5	1,2-Dichloropropane	10.0	U	U
75-27-4	Bromodichloromethane	10.0	U	
10061-01-5	cis-1,3-Dichloropropylene	10.0	U	
108-10-1	4-Methyl-2-pentanone	50.0	U	
108-88-3	Toluene	10 ~~3.0~~	J	U F04, F06
10061-02-6	trans-1,3-Dichloropropylene	10.0	U	U
79-00-5	1,1,2-Trichloroethane	10.0	U	
591-78-6	2-Hexanone	50.0	U	
127-18-4	Tetrachloroethylene	10.0	U	
124-48-1	Dibromochloromethane	10.0	U	
108-90-7	Chlorobenzene	10.0	U	
100-41-4	Ethylbenzene	10.0	U	
1330-20-7	Xylenes (total)	30.0	U	
100-42-5	Styrene	10.0	U	
75-25-2	Bromoform	10.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	10.0	U	

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2212

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871020

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J343

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

USQ

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L			
74-87-3	Chloromethane		1.0	U	U
75-01-4	Vinyl chloride		1.0	U	U
74-83-9	Bromomethane		1.0	U	U
75-00-3	Chloroethane		1.0	U	U
75-35-4	1,1-Dichloroethylene		3.4		=
67-64-1	Acetone	5	~~4.8~~	J	U FO4, FO6
75-15-0	Carbon disulfide		5.0	U	U
75-09-2	Methylene chloride	5	~~1.9~~	JB	U FO1, FO6
75-34-3	1,1-Dichloroethane		1.0	U	U
78-93-3	2-Butanone		5.0	U	U
540-59-0	1,2-Dichloroethylene (total)		148		=
67-66-3	Chloroform		1.0	U	U
71-55-6	1,1,1-Trichloroethane		1.0	U	
56-23-5	Carbon tetrachloride		1.0	U	
107-06-2	1,2-Dichloroethane		1.0	U	
71-43-2	Benzene		1.0	U	
79-01-6	Trichloroethylene		1.0	U	
78-87-5	1,2-Dichloropropane	1040	~~970~~	~~E~~ D	=
75-27-4	Bromodichloromethane		1.0	U	U
10061-01-5	cis-1,3-Dichloropropylene		1.0	U	
108-10-1	4-Methyl-2-pentanone		1.0	U	
108-88-3	Toluene		5.0	U	
10061-02-6	trans-1,3-Dichloropropylene	1.0	~~0.24~~	J	U FO4, FO6
79-00-5	1,1,2-Trichloroethane		1.0	U	U
591-78-6	2-Hexanone		1.0	U	
127-18-4	Tetrachloroethylene		5.0	U	
124-48-1	Dibromochloromethane		1.0	U	
108-90-7	Chlorobenzene		1.0	U	
100-41-4	Ethylbenzene		1.0	U	
1330-20-7	Xylenes (total)		1.0	U	
100-42-5	Styrene		3.0	U	
75-25-2	Bromoform		1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2222

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51875

Matrix: (soil/water) WATER Lab Sample ID: 51875001

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J431

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (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	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	54.8	
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	11.6	
540-59-0	1,2-Dichloroethylene (total)	15.8	
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	0.65	J
79-01-6	Trichloroethylene	26.7	
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.5	
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2232

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51675

Matrix: (soil/water) WATER Lab Sample ID: 51875002

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J432

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. ________ Date Analyzed: 11/15/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

USQ

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

CAS NO.	COMPOUND			Q	
74-87-3	Chloromethane		1.0	U	u
75-01-4	Vinyl chloride		1.0	U	↓
74-83-9	Bromomethane		1.0	U	↓
75-00-3	Chloroethane		1.0	U	↓
75-35-4	1,1-Dichloroethylene		2.4		=
67-64-1	Acetone		4.0	J	J
75-15-0	Carbon disulfide		5.0	U	u
75-09-2	Methylene chloride		5.0	U	u
75-34-3	1,1-Dichloroethane		0.25	J	J
78-93-3	2-Butanone		5.0	U	u
540-59-0	1,2-Dichloroethylene (total)		35.7		=
67-66-3	Chloroform		1.0	U	u
71-55-6	1,1,1-Trichloroethane		1.0	U	↓
56-23-5	Carbon tetrachloride		1.0	U	↓
107-06-2	1,2-Dichloroethane		1.0	U	↓
71-43-2	Benzene		1.0	U	↓
79-01-6	Trichloroethylene	511	~~545~~	~~Z~~ D	=
78-87-5	1,2-Dichloropropane		1.0	U	u
75-27-4	Bromodichloromethane		1.0	U	↓
10061-01-5	cis-1,3-Dichloropropylene		1.0	U	↓
108-10-1	4-Methyl-2-pentanone		5.0	U	↓
108-88-3	Toluene		1.0	U	↓
10061-02-6	trans-1,3-Dichloropropylene		1.0	U	↓
79-00-5	1,1,2-Trichloroethane		1.0	U	↓
591-78-6	2-Hexanone		5.0	U	↓
127-18-4	Tetrachloroethylene		1.0	U	↓
124-48-1	Dibromochloromethane		1.0	U	↓
108-90-7	Chlorobenzene		1.0	U	↓
100-41-4	Ethylbenzene		1.0	U	↓
1330-20-7	Xylenes (total)		3.0	U	↓
100-42-5	Styrene		1.0	U	↓
75-25-2	Bromoform		1.0	U	↓
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	↓

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2312

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51875

Matrix: (soil/water) WATER Lab Sample ID: 51875009

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J439

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

GC Column: DB-624 ID: 0.25 (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	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	8.2	
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	2.0	J
540-59-0	1,2-Dichloroethylene (total)	0.78	J
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	0.68	J
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.18	J
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2322

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51875

Matrix: (soil/water) WATER Lab Sample ID: 51875010

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J511

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

GC Column: DB-624 ID: 0.25 (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		1.0	U
75-01-4	Vinyl chloride		1.0	U
74-83-9	Bromomethane		1.0	U
75-00-3	Chloroethane		1.0	U
75-35-4	1,1-Dichloroethylene		1.0	U
67-64-1	Acetone		13.6	
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride	5	~~1.8~~	JB
75-34-3	1,1-Dichloroethane		1.0	U
78-93-3	2-Butanone		5.0	U
540-59-0	1,2-Dichloroethylene (total)		2.6	
67-66-3	Chloroform		1.0	U
71-55-6	1,1,1-Trichloroethane		1.0	U
56-23-5	Carbon tetrachloride		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
71-43-2	Benzene		0.30	J
79-01-6	Trichloroethylene		1.0	U
78-87-5	1,2-Dichloropropane		1.0	U
75-27-4	Bromodichloromethane		1.0	U
10061-01-5	cis-1,3-Dichloropropylene		1.0	U
108-10-1	4-Methyl-2-pentanone		1.6	J
108-88-3	Toluene		1.0	U
10061-02-6	trans-1,3-Dichloropropylene		1.0	U
79-00-5	1,1,2-Trichloroethane		1.0	U
591-78-6	2-Hexanone		5.0	U
127-18-4	Tetrachloroethylene		1.0	U
124-48-1	Dibromochloromethane		1.0	U
108-90-7	Chlorobenzene		1.0	U
100-41-4	Ethylbenzene		1.0	U
1330-20-7	Xylenes (total)		3.0	U
100-42-5	Styrene		1.0	U
75-25-2	Bromoform		1.0	U
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U

F01, F06

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2332

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51875

Matrix: (soil/water) WATER Lab Sample ID: 51875011

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J441

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	u
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	17.1		=
75-15-0	Carbon disulfide	5.0	U	u
75-09-2	Methylene chloride	5.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
78-93-3	2-Butanone	5.0	U	
540-59-0	1,2-Dichloroethylene (total)	2.0	U	
67-66-3	Chloroform	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0	U	
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2412

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: S1875

Matrix: (soil/water) WATER Lab Sample ID: S1875003

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J507

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

GC Column: DB-624 ID: 0.25 (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	0.61	J
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	4.1	J
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5 ~~0.51~~	JB
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2422

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51875

Matrix: (soil/water) WATER Lab Sample ID: 51875004

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J434

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

GC Column: DB-624 ID: 0.25 (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	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	4.1	J
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2432

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51875

Matrix: (soil/water) WATER Lab Sample ID: 51875005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J435

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

GC Column: DB-624 ID: 0.25 (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	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	3.9	J
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene (total)	2.0	U
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2512

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51875

Matrix: (soil/water) WATER Lab Sample ID: 51875006

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J436

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. ________ Date Analyzed: 11/16/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND			Q	Validation
74-87-3	Chloromethane		1.0	U	U
75-01-4	Vinyl chloride		1.0	U	↓
74-83-9	Bromomethane		1.0	U	↓
75-00-3	Chloroethane		1.0	U	↓
75-35-4	1,1-Dichloroethylene		0.66	J	J
67-64-1	Acetone		4.4	J	J
75-15-0	Carbon disulfide		5.0	U	U
75-09-2	Methylene chloride		5.0	U	↓
75-34-3	1,1-Dichloroethane		1.0	U	↓
78-93-3	2-Butanone		5.0	U	↓
540-59-0	1,2-Dichloroethylene (total)		61.4		=
67-66-3	Chloroform		1.0	U	U
71-55-6	1,1,1-Trichloroethane		1.0	U	↓
56-23-5	Carbon tetrachloride		1.0	U	↓
107-06-2	1,2-Dichloroethane		1.0	U	↓
71-43-2	Benzene		1.0	U	↓
79-01-6	Trichloroethylene	272	~~219~~	~~E~~ D	=
78-87-5	1,2-Dichloropropane		1.0	U	U
75-27-4	Bromodichloromethane		1.0	U	↓
10061-01-5	cis-1,3-Dichloropropylene		1.0	U	↓
108-10-1	4-Methyl-2-pentanone		5.0	U	↓
108-88-3	Toluene		1.0	U	↓
10061-02-6	trans-1,3-Dichloropropylene		1.0	U	↓
79-00-5	1,1,2-Trichloroethane		1.0	U	↓
591-78-6	2-Hexanone		5.0	U	↓
127-18-4	Tetrachloroethylene		1.0	U	↓
124-48-1	Dibromochloromethane		1.0	U	↓
108-90-7	Chlorobenzene		1.0	U	↓
100-41-4	Ethylbenzene		1.0	U	↓
1330-20-7	Xylenes (total)		3.0	U	↓
100-42-5	Styrene		1.0	U	↓
75-25-2	Bromoform		1.0	U	↓
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	↓

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2522

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51875

Matrix: (soil/water) WATER Lab Sample ID: 51875007

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J437

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L		Q
74-87-3	Chloromethane		0.44	J
75-01-4	Vinyl chloride		1.0	U
74-83-9	Bromomethane		1.0	U
75-00-3	Chloroethane		1.0	U
75-35-4	1,1-Dichloroethylene		0.73	J
67-64-1	Acetone		3.6	J
75-15-0	Carbon disulfide		5.0	U
75-09-2	Methylene chloride		5.0	U
75-34-3	1,1-Dichloroethane		1.0	U
78-93-3	2-Butanone		5.0	U
540-59-0	1,2-Dichloroethylene (total)		68.4	
67-66-3	Chloroform		1.0	U
71-55-6	1,1,1-Trichloroethane		1.0	U
56-23-5	Carbon tetrachloride		1.0	U
107-06-2	1,2-Dichloroethane		1.0	U
71-43-2	Benzene		1.0	U
79-01-6	Trichloroethylene	91.8	1~~1~~0	D
78-87-5	1,2-Dichloropropane		1.0	U
75-27-4	Bromodichloromethane		1.0	U
10061-01-5	cis-1,3-Dichloropropylene		1.0	U
108-10-1	4-Methyl-2-pentanone		5.0	U
108-88-3	Toluene		1.0	U
10061-02-6	trans-1,3-Dichloropropylene		1.0	U
79-00-5	1,1,2-Trichloroethane		1.0	U
591-78-6	2-Hexanone		5.0	U
127-18-4	Tetrachloroethylene		1.0	U
124-48-1	Dibromochloromethane		1.0	U
108-90-7	Chlorobenzene		1.0	U
100-41-4	Ethylbenzene		1.0	U
1330-20-7	Xylenes (total)		3.0	U
100-42-5	Styrene		1.0	U
75-25-2	Bromoform		1.0	U
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2532

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51875

Matrix: (soil/water) WATER Lab Sample ID: 51875008

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 8J510

Level: (low/med) LOW Date Received: 11/10/01

% Moisture: not dec. _____ Date Analyzed: 11/16/01

GC Column: DB-624 ID: 0.25 (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		1.0	U	u
75-01-4	Vinyl chloride		1.0	U	
74-83-9	Bromomethane		1.0	U	
75-00-3	Chloroethane		1.0	U	
75-35-4	1,1-Dichloroethylene		1.0	U	
67-64-1	Acetone		2.3	J	J
75-15-0	Carbon disulfide		5.0	U	u
75-09-2	Methylene chloride	5	~~1.6~~	JB	u F01,F06
75-34-3	1,1-Dichloroethane		1.0	U	u
78-93-3	2-Butanone		5.0	U	
540-59-0	1,2-Dichloroethylene (total)		2.0	U	
67-66-3	Chloroform		1.0	U	
71-55-6	1,1,1-Trichloroethane		1.0	U	
56-23-5	Carbon tetrachloride		1.0	U	
107-06-2	1,2-Dichloroethane		1.0	U	
71-43-2	Benzene		1.0	U	
79-01-6	Trichloroethylene		1.0	U	
78-87-5	1,2-Dichloropropane		1.0	U	
75-27-4	Bromodichloromethane		1.0	U	
10061-01-5	cis-1,3-Dichloropropylene		1.0	U	
108-10-1	4-Methyl-2-pentanone		5.0	U	
108-88-3	Toluene		1.0	U	
10061-02-6	trans-1,3-Dichloropropylene		1.0	U	
79-00-5	1,1,2-Trichloroethane		1.0	U	
591-78-6	2-Hexanone		5.0	U	
127-18-4	Tetrachloroethylene		1.0	U	
124-48-1	Dibromochloromethane		1.0	U	
108-90-7	Chlorobenzene		1.0	U	
100-41-4	Ethylbenzene		1.0	U	
1330-20-7	Xylenes (total)		3.0	U	
100-42-5	Styrene		1.0	U	
75-25-2	Bromoform		1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane		1.0	U	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2612

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 53618

Matrix: (soil/water) WATER Lab Sample ID: 53618003

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 80408

Level: (low/med) LOW Date Received: 12/17/01

% Moisture: not dec. _____ Date Analyzed: 12/20/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	102	B	F01, F08
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	5.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
78-93-3	2-Butanone	5.0	U	
540-59-0	1,2-Dichloroethylene (total)	1.8	J	J U
67-66-3	Chloroform	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	9.5		U
78-87-5	1,2-Dichloropropane	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0	U	
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	0.55	J	J U
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

XX2622

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 53618

Matrix: (soil/water) WATER Lab Sample ID: 53618004

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 80313

Level: (low/med) LOW Date Received: 12/17/01

% Moisture: not dec. _____ Date Analyzed: 12/19/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	u
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	26.2	B	u F01,F07
75-15-0	Carbon disulfide	5.0	U	u
75-09-2	Methylene chloride	5.0	U	
75-34-3	1,1-Dichloroethane	1.0	U	
78-93-3	2-Butanone	5.0	U	
540-59-0	1,2-Dichloroethylene (total)	2.3		= u
67-66-3	Chloroform	1.0	U	u
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	17.8		= u
78-87-5	1,2-Dichloropropane	1.0	U	u
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	1.0	U	
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
XX2632

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 53618

Matrix: (soil/water) WATER Lab Sample ID: 53618005

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 80314

Level: (low/med) LOW Date Received: 12/17/01

% Moisture: not dec. _____ Date Analyzed: 12/19/01

GC Column: DB-624 ID: 0.25 (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	1.0	U
75-01-4	Vinyl chloride	1.0	U
74-83-9	Bromomethane	1.0	U
75-00-3	Chloroethane	1.0	U
75-35-4	1,1-Dichloroethylene	1.0	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	5.0	U
75-09-2	Methylene chloride	5.0	U
75-34-3	1,1-Dichloroethane	1.0	U
78-93-3	2-Butanone	5.0	U
540-59-0	1,2-Dichloroethylene (total)	1.6	J
67-66-3	Chloroform	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
56-23-5	Carbon tetrachloride	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
71-43-2	Benzene	1.0	U
79-01-6	Trichloroethylene	10.3	
78-87-5	1,2-Dichloropropane	1.0	U
75-27-4	Bromodichloromethane	1.0	U
10061-01-5	cis-1,3-Dichloropropylene	1.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	1.0	U
10061-02-6	trans-1,3-Dichloropropylene	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
591-78-6	2-Hexanone	5.0	U
127-18-4	Tetrachloroethylene	1.0	U
124-48-1	Dibromochloromethane	1.0	U
108-90-7	Chlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
1330-20-7	Xylenes (total)	3.0	U
100-42-5	Styrene	1.0	U
75-25-2	Bromoform	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HTM0001

Lab Name: GENERAL ENGINEERING LABOR Contract: N/A

Lab Code: N/A Case No.: N/A SAS No.: N/A SDG No.: 51871

Matrix: (soil/water) WATER Lab Sample ID: 51871001

Sample wt/vol: 5.000 (g/ml) ML Lab File ID: 2J330

Level: (low/med) LOW Date Received: 11/12/01

% Moisture: not dec. ________ Date Analyzed: 11/14/01

GC Column: DB-624 ID: 0.25 (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	1.0	U	U
75-01-4	Vinyl chloride	1.0	U	
74-83-9	Bromomethane	1.0	U	
75-00-3	Chloroethane	1.0	U	
75-35-4	1,1-Dichloroethylene	1.0	U	
67-64-1	Acetone	16.2		=
75-15-0	Carbon disulfide	5.0	U	U
75-09-2	Methylene chloride	~~1.7~~ 5	JB	U F01, F06
75-34-3	1,1-Dichloroethane	1.0	U	U
78-93-3	2-Butanone	3.5	J	J
540-59-0	1,2-Dichloroethylene (total)	2.0	U	U
67-66-3	Chloroform	1.0	U	
71-55-6	1,1,1-Trichloroethane	1.0	U	
56-23-5	Carbon tetrachloride	1.0	U	
107-06-2	1,2-Dichloroethane	1.0	U	
71-43-2	Benzene	1.0	U	
79-01-6	Trichloroethylene	1.0	U	
78-87-5	1,2-Dichloropropane	1.0	U	
75-27-4	Bromodichloromethane	1.0	U	
10061-01-5	cis-1,3-Dichloropropylene	1.0	U	
108-10-1	4-Methyl-2-pentanone	5.0	U	
108-88-3	Toluene	0.17	J	J
10061-02-6	trans-1,3-Dichloropropylene	1.0	U	U
79-00-5	1,1,2-Trichloroethane	1.0	U	
591-78-6	2-Hexanone	5.0	U	
127-18-4	Tetrachloroethylene	1.0	U	
124-48-1	Dibromochloromethane	1.0	U	
108-90-7	Chlorobenzene	1.0	U	
100-41-4	Ethylbenzene	1.0	U	
1330-20-7	Xylenes (total)	3.0	U	
100-42-5	Styrene	1.0	U	
75-25-2	Bromoform	1.0	U	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	

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Science Applications International Corporation
800 Oak Ridge Turnpike, Oak Ridge, TN 37831 (423) 481-4600

200 of 51871 **CHAIN OF CUSTODY RECORD** 51875

COC NO.: GMCA001

PROJECT NAME: MCA Barracks, HAA-15

PROJECT NUMBER: 01-1624-04-2725-240

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Cynthia L Abbott (Printed Name): Cynthia L. Abbott

REQUESTED PARAMETERS

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road Charleston, SC 29417

PHONE NO: (843) 556-8171

	Sample ID	Date Collected	Time Collected	Matrix	VOC	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS SPECIAL INSTRUCTIONS
001	HTMW0001	11/08/01	0800	water	2	2	Na	Na
002	XX1612		1538		2	2		
003	XX1622		1610		2	2		
004	XX1632		1643		2	2		
005	XX1712		1815		2	2		
006	XX1722	11/09/01	0710		2	2		
007	XX1812		0750		2	2		
008	XX1822		0837		2	2		
009	XX1832		0855		2	2		
010	XX1834		0855		2	2		Field dupe.
011	XX2012		1030		2	2		Na
012	XX2022		1048		2	2		
013	XX2032		1118		2	2		

RELINQUISHED BY: Cynthia L Abbott	Date/Time 11/10/01 1300	RECEIVED BY: Paulette Mendell	Date/Time 11/10/01 1315	TOTAL NUMBER OF CONTAINERS: 69	Cooler Temperature: 4°C
COMPANY NAME: SAIC		COMPANY NAME: GEL		Cooler ID: 487	FEDEX NUMBER:
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time	page 1 of 3	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY: Paulette Mendell	Date/Time 11/10/01 1600	RECEIVED BY: Mike Sinclair	Date/Time 11-10-01 1600		
COMPANY NAME: GEL		COMPANY NAME: GEL			

SAIC An Employee-Owned Company
Science Applications International Corporation
800 Oak Ridge Turnpike, Oak Ridge, TN 37831 (423) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: GMXA001

PROJECT NAME: MCA Barracks, HAA-15

PROJECT NUMBER: 01-1624-04-2725-240

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Cynthia L. Abbott (Printed Name): Cynthia L. Abbott

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Raod, Charleston, SC 29417

PHONE NO: (843) 556-8171

	Sample ID	Date Collected	Time Collected	Matrix	VOC	Phenols	Oil/GREASE	PH	No. of Bottles/Vials	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
04	XX1912	11/09/01	1214	Water	2				2	NA	NA
15	XX1922		1227		2				2		
16	XX1932		1253		2				2		
17	XX2112		1415		2				2		
18	XX2122		1433		2				2		
19	XX2132		1508		2				2		
20	XX2212		1740		2				2		
28	XX2222		1807		2				2		
02	XX2232		1820		2				2		
003	XX2412		~~18~~ 1604		2				2		
004	XX2422		1626		2				2		
006	XX2432		1648		2				2		
012	IDW040	↓	0845	↓	2	2	2	1	7	↓	↓

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Cynthia L. Abbott COMPANY NAME: SAIC	11/10/01 1300	Paulette Wendell COMPANY NAME: GEL	11/10/01 1315
RECEIVED BY: Mike Kimbro COMPANY NAME: GEL	11-10-01 1600	RELINQUISHED BY: COMPANY NAME:	
RELINQUISHED BY: Paulette Wendell COMPANY NAME: GEL	11/10/01 1600	RECEIVED BY: Mike Kimbro COMPANY NAME: GeL	11-10-01 1600

TOTAL NUMBER OF CONTAINERS: 69

Cooler ID: 487

Cooler Temperature: 4°C

FEDEX NUMBER:

page 2 of 3

8

SAIC. An Employee-Owned Company
Science Applications International Corporation
800 Oak Ridge Turnpike, Oak Ridge, TN 37831 (423) 481-4600

CHAIN OF CUSTODY RECORD

COC NO.: GMCA001

PROJECT NAME: ~~PDOYard~~ MCA Barracks

PROJECT NUMBER: ~~01-1624-04-1113-100~~ 01-1624-04-2725-240

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Cynthia L. Abbott (Printed Name): Cynthia L. Abbott

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road, Charleston, SC 29417

PHONE NO: (843) 556-8171

REQUESTED PARAMETERS

	Sample ID	Date Collected	Time Collected	Matrix	VOC	~~TCLP VOC~~	~~TCLP RCRA Metals~~	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
06	XX2512	11/10/01	0706	Water	2			2	NA	NA
07	XX2522	↓	0718	↓	2			2	↓	↓
08	XX2532	↓	0743	↓	2			2	↓	↓
09	XX2312	↓	0829	↓	2			2	↓	↓
010	XX2322	↓	0908	↓	2			2	↓	↓
011	XX2332	↓	0846	↓	2			2	↓	↓

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Cynthia L Abbott, COMPANY NAME: SAIC	11/10/01 1300	Paulette J Wendell, COMPANY NAME: GEL	11/10/01 1315

RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:		COMPANY NAME:	

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Paulette J Wendell, COMPANY NAME: GEL	11/10/01 1600	[signature], COMPANY NAME: GEL	11-10-01 1600

TOTAL NUMBER OF CONTAINERS: 69

Cooler ID: 487

Cooler Temperature: 4°C

FEDEX NUMBER:

page 3 of 3

A-195

SAIC An Employee-Owned Company
Science Applications International Corporation
800 Oak Ridge Turnpike, Oak Ridge, TN 37831 (423) 481-4600

CHAIN OF CUSTODY RECORD 53618

COC NO.: HMCA11

PROJECT NAME: ~~HAAF USTs 25&26~~ MCA BARRACKS

PROJECT NUMBER: 01-1624-04-2725-240

PROJECT MANAGER: Patty Stoll

Sampler (Signature): Patricia Q Stoll (Printed Name): PATRICIA STOLL

REQUESTED PARAMETERS

Sample ID	Date Collected	Time Collected	Matrix	BTEX	PAH	TPH-GRO	PAH, TPH-DRO	PAH, TPH-DRO, TOC	Dissolved Iron	VOC	Oil & Grease	Phenols	pH	No. of Bottles/ Vials:	OVA SCREENING	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
HDW016	12/16/01	1000	water							2	2	2	1	7		Quick Turn
HDW011	12/16/01	1745 30	water							2	2	2	1	7		Quick Turn
XX2612	12/16/01	1135	water							2				2		7day
XX2622	12/16/01	1136	water							2				2		7day
XX2632	12/16/01	1137	water							2				2		7day
HTB111	12/16/01	1100	water							2				2		

LABORATORY NAME: General Engineering Laboratory

LABORATORY ADDRESS: 2040 Savage Road, Charleston, SC 29407

PHONE NO: (843) 556-8171

RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
Patricia Q Stoll	12/17/01	Mustan Kandi	12/17/01
COMPANY NAME: SAIC	1145	COMPANY NAME: GEL	1430
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time
COMPANY NAME:	12/17/01 1145	COMPANY NAME:	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time
COMPANY NAME:	12/17/01 1430	COMPANY NAME:	

TOTAL NUMBER OF CONTAINERS: 22

Cooler ID: 9-14-00

Cooler Temperature: 4°C

FEDEX NUMBER: N/A

A-196

GROUNDWATER ANALYTICAL RESULTS
DECEMBER 2002

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1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1509

Sample ID: HAAF-MVP-1-10
Project ID HAAF-MCA BARRACKS
Project Num 1665
Lab Sample ID: 166515
Date Collected: 12/6/02 Time: 16:15
Dilution Factor: 10
Date Analyzed: 12/9/02 Time: 23:23
Date Received: 12/7/02 11:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	2.22	20
71-55-6	1,1,1-Trichloroethane		µg/l	U	1.8	20
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	1	20
79-00-5	1,1,2-Trichloroethane		µg/l	U	1.43	20
75-34-3	1,1-Dichloroethane		µg/l	U	2.14	20
75-35-4	1,1-Dichloroethene		µg/l	U	1.83	20
563-58-6	1,1-Dichloropropene		µg/l	U	1	20
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	1.42	20
96-18-4	1,2,3-Trichloropropane		µg/l	U	1.07	20
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	1.08	20
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	1.11	20
106-93-4	1,2-Dibromoethane		µg/l	U	1.17	20
95-50-1	1,2-Dichlorobenzene		µg/l	U	1.41	20
107-06-2	1,2-Dichloroethane		µg/l	U	1.82	20
78-87-5	1,2-Dichloropropane		µg/l	U	1.19	20
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	1.13	20
541-73-1	1,3-Dichlorobenzene		µg/l	U	1.89	20
142-28-9	1,3-Dichloropropane		µg/l	U	1.07	20
106-46-7	1,4-Dichlorobenzene		µg/l	U	1.5	20
590-20-7	2,2-Dichloropropane		µg/l	U	1.08	20
78-93-3	2-Butanone		µg/l	U	4.81	20
95-49-8	2-Chlorotoluene		µg/l	U	1.06	20
591-78-6	2-Hexanone		µg/l	U	1.63	20
106-43-4	4-Chlorotoluene		µg/l	U	1	20
99-87-6	4-Isopropyltoluene		µg/l	U	1	20
108-10-1	4-Methyl-2-pentanone		µg/l	U	1.28	20
67-64-1	Acetone		µg/l	U	6.12	20
71-43-2	Benzene		µg/l	U	1.39	20
108-86-1	Bromobenzene		µg/l	U	1.56	20
74-97-5	Bromochloromethane		µg/l	U	1.65	20
75-27-4	Bromodichloromethane		µg/l	U	1.35	20
75-25-2	Bromoform		µg/l	U	1.63	20
74-83-9	Bromomethane		µg/l	U	2.01	20
75-15-0	Carbon disulfide		µg/l	U	1.83	20
56-23-5	Carbon tetrachloride		µg/l	U	1.37	20
108-90-7	Chlorobenzene		µg/l	U	1.56	20
75-00-3	Chloroethane		µg/l	U	2.07	20
67-66-3	Chloroform		µg/l	U	2.14	20

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0046

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1509

Sample ID: HAAF-MVP-1-10
Project ID HAAF-MCA BARRACKS
Project Num 1665
Lab Sample ID: 166515
Date Collected: 12/6/02 Time: 16:15
Dilution Factor: 10
Date Analyzed: 12/9/02 Time: 23:23
Date Received: 12/7/02 11:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	1.73	20
156-59-2	cis-1,2-Dichloroethene		µg/l	U	1.51	20
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	1	20
124-48-1	Dibromochloromethane		µg/l	U	1.33	20
74-95-3	Dibromomethane		µg/l	U	1	20
75-71-8	Dichlorodifluoromethane		µg/l	U	5	20
100-41-4	Ethylbenzene		µg/l	U	1	20
87-68-3	Hexachlorobutadiene		µg/l	U	1.92	20
98-82-8	Isopropylbenzene		µg/l	U	1	20
75-09-2	Methylene chloride		µg/l	U	3.98	20
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	1	20
m+p xylene	m-Xylene and p-Xylene		µg/l	U	2.16	20
91-20-3	Naphthalene		µg/l	U	1.39	20
104-51-8	n-Butylbenzene		µg/l	U	1.4	20
103-65-1	n-Propylbenzene		µg/l	U	1	20
95-47-6	o-Xylene		µg/l	U	1.02	20
135-98-8	sec-Butylbenzene		µg/l	U	1.33	20
100-42-5	Styrene		µg/l	U	1	20
98-06-6	tert-Butylbenzene		µg/l	U	1.7	20
127-18-4	Tetrachloroethene		µg/l	U	1.15	20
108-88-3	Toluene		µg/l	U	1.05	20
156-60-5	trans-1,2-Dichloroethene		µg/l	U	1.52	20
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	1	20
79-01-6	Trichloroethene		µg/l	U	1.51	20
75-69-4	Trichlorofluoromethane		µg/l	U	1.11	20
75-01-4	Vinyl chloride		µg/l	U	2.39	20

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0047

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1509

Sample ID: HAAF-MVP-1-15
Project ID HAAF-MCA BARRACKS
Project Num 1665
Lab Sample ID: 166516
Date Collected: 12/6/02 Time: 16:30
Dilution Factor: 1
Date Analyzed: 12/9/02 Time: 23:56
Date Received: 12/7/02 11:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1509

Sample ID: HAAF-MVP-1-15
Project ID HAAF-MCA BARRACKS
Project Num 1665
Lab Sample ID: 166516
Date Collected: 12/6/02 Time: 16:30
Dilution Factor: 1
Date Analyzed: 12/9/02 Time: 23:56
Date Received: 12/7/02 11:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0049

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1510

Sample ID: HAAF-MVP-1-20
Project ID HAAF-MCA BARRACKS
Project Num 1665
Lab Sample ID: 166517
Date Collected: 12/6/02 Time: 16:40
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 2:37
Date Received: 12/7/02 11:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0050

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1510

Sample ID: HAAF-MVP-1-20
Project ID HAAF-MCA BARRACKS
Project Num 1665
Lab Sample ID: 166517
Date Collected: 12/6/02 Time: 16:40
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 2:37
Date Received: 12/7/02 11:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0051

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1510

Sample ID: HAAF-MVP-1-25
Project ID HAAF-MCA BARRACKS
Project Num 1665
Lab Sample ID: 166518
Date Collected: 12/6/02 Time: 16:55
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 3:09
Date Received: 12/7/02 11:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0052

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1510

Sample ID: HAAF-MVP-1-25
Project ID HAAF-MCA BARRACKS
Project Num 1665
Lab Sample ID: 166518
Date Collected: 12/6/02 Time: 16:55
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 3:09
Date Received: 12/7/02 11:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene	0.96	µg/l	J	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0053

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-1-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167801
Date Collected: 12/7/02 Time: 8:50
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 17:23
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0030

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-1-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167801
Date Collected: 12/7/02 Time: 8:50
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 17:23
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0031

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-1-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167802
Date Collected: 12/7/02 Time: 9:10
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 17:55
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0032

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-1-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167802
Date Collected: 12/7/02 Time: 9:10
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 17:55
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene	1.41	µg/l	J	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0033

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-1-40
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167803
Date Collected: 12/7/02 Time: 9:35
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 18:28
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0034

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-1-40
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167803
Date Collected: 12/7/02 Time: 9:35
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 18:28
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0035

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR MVP-1-40

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-DUP4
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167804
Date Collected: 12/7/02 Time: 8:30
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 19:00
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0036

DUPLICATE FOR MVP-1-40

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-DUP4
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167804
Date Collected: 12/7/02 Time: 8:30
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 19:00
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0037

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-1-45
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167805
Date Collected: 12/7/02 Time: 10:00
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 19:32
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0038

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-1-45
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167805
Date Collected: 12/7/02 Time: 10:00
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 19:32
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0039

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-10
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167808
Date Collected: 12/7/02 Time: 12:25
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 21:09
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-10
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167808
Date Collected: 12/7/02 Time: 12:25
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 21:09
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0045

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-15
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167809
Date Collected: 12/7/02 Time: 12:35
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 21:41
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0046

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-15
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167809
Date Collected: 12/7/02 Time: 12:35
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 21:41
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0047

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-20
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167810
Date Collected: 12/7/02 Time: 12:45
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 22:13
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-20
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167810
Date Collected: 12/7/02 Time: 12:45
Dilution Factor: 5
Date Analyzed: 12/10/02 Time: 22:13
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0049

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-25
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167811
Date Collected: 12/7/02 Time: 13:00
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 22:45
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0050

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-25
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167811
Date Collected: 12/7/02 Time: 13:00
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 22:45
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0051

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167812
Date Collected: 12/7/02 Time: 13:15
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 23:18
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0052

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167812
Date Collected: 12/7/02 Time: 13:15
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 23:18
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167813
Date Collected: 12/7/02 Time: 13:30
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 23:50
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1513

Sample ID: HAAF-MVP-2-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167813
Date Collected: 12/7/02 Time: 13:30
Dilution Factor: 1
Date Analyzed: 12/10/02 Time: 23:50
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	MDL	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0055

DUPLICATE FOR MVP-2-35

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-DUP5
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167815
Date Collected: 12/7/02 Time: 8:00
Dilution Factor: 5
Date Analyzed: 12/11/02 Time: 4:07
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0059

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR MVP-2-35

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-DUP5
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167815
Date Collected: 12/7/02 Time: 8:00
Dilution Factor: 5
Date Analyzed: 12/11/02 Time: 4:07
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0060

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-2-40
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167816
Date Collected: 12/7/02 Time: 15:10
Dilution Factor: 5
Date Analyzed: 12/11/02 Time: 4:39
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-2-40
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167816
Date Collected: 12/7/02 Time: 15:10
Dilution Factor: 5
Date Analyzed: 12/11/02 Time: 4:39
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0062

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-2-45
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167817
Date Collected: 12/7/02 Time: 15:30
Dilution Factor: 5
Date Analyzed: 12/11/02 Time: 5:12
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0063

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-2-45
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167817
Date Collected: 12/7/02 Time: 15:30
Dilution Factor: 5
Date Analyzed: 12/11/02 Time: 5:12
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID: Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-3-10
Project ID: HAAF-MCA BARRACKS
Project Num: 1678
Lab Sample ID: 167818
Date Collected: 12/8/02 Time: 9:20
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 5:44
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0065

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories | Sample ID: HAAF-MVP-3-10

Client ID: CESAS | Project ID HAAF-MCA BARRACKS

Matrix: W | Project Num 1678

Sample g/ml: 25 | Lab Sample ID: 167818

% Solids: not dec. | Date Collected: 12/8/02 Time: 9:20

Instrument ID Instru | Dilution Factor: 1

Analytical Method: 8260B | Date Analyzed: 12/11/02 Time: 5:44

Prep Method: EPA 5030 | Date Received: 12/10/02 10:15:00 AM

Analytical Batch: 1514

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0066

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-3-15
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167819
Date Collected: 12/8/02 Time: 9:30
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 6:16
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0067

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-3-15
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167819
Date Collected: 12/8/02 Time: 9:30
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 6:16
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0068

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-3-20
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167820
Date Collected: 12/8/02 Time: 9:45
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 6:48
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0069

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-3-20
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167820
Date Collected: 12/8/02 Time: 9:45
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 6:48
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	42.8	µg/l		0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene	33.3	µg/l		0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride	0.75	µg/l	J	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0070

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-3-25
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167821
Date Collected: 12/8/02 Time: 10:05
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 7:20
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0071

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Sample ID: HAAF-MVP-3-25

Client ID: CESAS
Project ID HAAF-MCA BARRACKS

Matrix: W
Project Num 1678

Sample g/ml: 25
Lab Sample ID: 167821

% Solids: not dec.
Date Collected: 12/8/02 Time: 10:05

Instrument ID Instru
Dilution Factor: 1

Analytical Method: 8260B
Date Analyzed: 12/11/02 Time: 7:20

Prep Method: EPA 5030
Date Received: 12/10/02 10:15:00 AM

Analytical Batch: 1514

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	49.1	µg/l		0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene	36	µg/l		0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0072

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-3-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167822
Date Collected: 12/8/02 Time: 10:15
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 7:53
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

TSV 12/18/02

FORM I VOA - Equivalent

0073

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-3-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167822
Date Collected: 12/8/02 Time: 10:15
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 7:53
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	464	µg/l	E	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene	0.77	µg/l	J	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene	2.06	µg/l		0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene	2.18	µg/l		0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene	1.08	µg/l	J	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene	0.68	µg/l	J	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene	0.6	µg/l	J	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene	208	µg/l	E	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride	3.23	µg/l		0.239	2

TSV 12/18/02

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0074

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1515

Sample ID: HAAF-MVP-3-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167822
Date Collected: 12/8/02 Time: 10:15
Dilution Factor: 25
Date Analyzed: 12/11/02 Time: 9:39
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	5.55	50
71-55-6	1,1,1-Trichloroethane		µg/l	U	4.5	50
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	2.5	50
79-00-5	1,1,2-Trichloroethane		µg/l	U	3.58	50
75-34-3	1,1-Dichloroethane		µg/l	U	5.35	50
75-35-4	1,1-Dichloroethene		µg/l	U	4.58	50
563-58-6	1,1-Dichloropropene		µg/l	U	2.5	50
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	3.55	50
96-18-4	1,2,3-Trichloropropane		µg/l	U	2.68	50
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	2.7	50
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	2.78	50
106-93-4	1,2-Dibromoethane		µg/l	U	2.92	50
95-50-1	1,2-Dichlorobenzene		µg/l	U	3.52	50
107-06-2	1,2-Dichloroethane		µg/l	U	4.55	50
78-87-5	1,2-Dichloropropane		µg/l	U	2.98	50
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	2.82	50
541-73-1	1,3-Dichlorobenzene		µg/l	U	4.73	50
142-28-9	1,3-Dichloropropane		µg/l	U	2.68	50
106-46-7	1,4-Dichlorobenzene		µg/l	U	3.75	50
590-20-7	2,2-Dichloropropane		µg/l	U	2.7	50
78-93-3	2-Butanone		µg/l	U	12	50
95-49-8	2-Chlorotoluene		µg/l	U	2.65	50
591-78-6	2-Hexanone		µg/l	U	4.08	50
106-43-4	4-Chlorotoluene		µg/l	U	2.5	50
99-87-6	4-Isopropyltoluene		µg/l	U	2.5	50
108-10-1	4-Methyl-2-pentanone		µg/l	U	3.2	50
67-64-1	Acetone		µg/l	U	15.3	50
71-43-2	Benzene		µg/l	U	3.48	50
108-86-1	Bromobenzene		µg/l	U	3.9	50
74-97-5	Bromochloromethane		µg/l	U	4.12	50
75-27-4	Bromodichloromethane		µg/l	U	3.38	50
75-25-2	Bromoform		µg/l	U	4.08	50
74-83-9	Bromomethane		µg/l	U	5.03	50
75-15-0	Carbon disulfide		µg/l	U	4.58	50
56-23-5	Carbon tetrachloride		µg/l	U	3.42	50
108-90-7	Chlorobenzene		µg/l	U	3.9	50
75-00-3	Chloroethane		µg/l	U	5.18	50
67-66-3	Chloroform		µg/l	U	5.35	50

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0080

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1515

Sample ID: HAAF-MVP-3-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167822
Date Collected: 12/8/02 Time: 10:15
Dilution Factor: 25
Date Analyzed: 12/11/02 Time: 9:39
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	4.32	50
156-59-2	cis-1,2-Dichloroethene	578	µg/l		3.78	50
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	2.5	50
124-48-1	Dibromochloromethane		µg/l	U	3.32	50
74-95-3	Dibromomethane		µg/l	U	2.5	50
75-71-8	Dichlorodifluoromethane		µg/l	U	12.5	50
100-41-4	Ethylbenzene		µg/l	U	2.5	50
87-68-3	Hexachlorobutadiene		µg/l	U	4.8	50
98-82-8	Isopropylbenzene		µg/l	U	2.5	50
75-09-2	Methylene chloride		µg/l	U	9.95	50
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	2.5	50
m+p xylene	m-Xylene and p-Xylene		µg/l	U	5.4	50
91-20-3	Naphthalene		µg/l	U	3.48	50
104-51-8	n-Butylbenzene		µg/l	U	3.5	50
103-65-1	n-Propylbenzene		µg/l	U	2.5	50
95-47-6	o-Xylene		µg/l	U	2.55	50
135-98-8	sec-Butylbenzene		µg/l	U	3.32	50
100-42-5	Styrene		µg/l	U	2.5	50
98-06-6	tert-Butylbenzene		µg/l	U	4.25	50
127-18-4	Tetrachloroethene		µg/l	U	2.88	50
108-88-3	Toluene		µg/l	U	2.62	50
156-60-5	trans-1,2-Dichloroethene		µg/l	U	3.8	50
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	2.5	50
79-01-6	Trichloroethene	201	µg/l		3.78	50
75-69-4	Trichlorofluoromethane		µg/l	U	2.78	50
108-05-4	Vinyl acetate		µg/l	U	50	100
75-01-4	Vinyl chloride		µg/l	U	5.98	50

TSV 12/18/02

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0081

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-3-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167824
Date Collected: 12/8/02 Time: 10:35
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 8:57
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene	2.22	µg/l		0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene	16.1	µg/l		0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene	1.16	µg/l	J	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		, g/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

TSV 12/18/02

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0077

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-MVP-3-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167824
Date Collected: 12/8/02 Time: 10:35
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 8:57
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	1078	µg/l	E	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene	1.31	µg/l	J	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene	2.3	µg/l		0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene	2.45	µg/l		0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene	0.69	µg/l	J	0.105	2
156-60-5	trans-1,2-Dichloroethene	4.39	µg/l		0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene	584	µg/l	E	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride	7.73	µg/l		0.239	2

TSV 12/18/02

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0078

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1515

Sample ID: HAAF-MVP-3-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167824
Date Collected: 12/8/02 Time: 10:35
Dilution Factor: 25
Date Analyzed: 12/11/02 Time: 11:06
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	5.55	50
71-55-6	1,1,1-Trichloroethane		µg/l	U	4.5	50
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	2.5	50
79-00-5	1,1,2-Trichloroethane		µg/l	U	3.58	50
75-34-3	1,1-Dichloroethane		µg/l	U	5.35	50
75-35-4	1,1-Dichloroethene		µg/l	U	4.58	50
563-58-6	1,1-Dichloropropene		µg/l	U	2.5	50
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	3.55	50
96-18-4	1,2,3-Trichloropropane		µg/l	U	2.68	50
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	2.7	50
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	2.78	50
106-93-4	1,2-Dibromoethane		µg/l	U	2.92	50
95-50-1	1,2-Dichlorobenzene		µg/l	U	3.52	50
107-06-2	1,2-Dichloroethane		µg/l	U	4.55	50
78-87-5	1,2-Dichloropropane		µg/l	U	2.98	50
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	2.62	50
541-73-1	1,3-Dichlorobenzene		µg/l	U	4.73	50
142-28-9	1,3-Dichloropropane		µg/l	U	2.68	50
106-46-7	1,4-Dichlorobenzene		µg/l	U	3.75	50
590-20-7	2,2-Dichloropropane		µg/l	U	2.7	50
78-93-3	2-Butanone		µg/l	U	12	50
95-49-8	2-Chlorotoluene		µg/l	U	2.65	50
591-78-6	2-Hexanone		µg/l	U	4.08	50
106-43-4	4-Chlorotoluene		µg/l	U	2.5	50
99-87-6	4-Isopropyltoluene		µg/l	U	2.5	50
108-10-1	4-Methyl-2-pentanone		µg/l	U	3.2	50
67-64-1	Acetone		µg/l	U	15.3	50
71-43-2	Benzene		µg/l	U	3.48	50
108-86-1	Bromobenzene		µg/l	U	3.9	50
74-97-5	Bromochloromethane		µg/l	U	4.12	50
75-27-4	Bromodichloromethane		µg/l	U	3.38	50
75-25-2	Bromoform		µg/l	U	4.08	50
74-83-9	Bromomethane		µg/l	U	5.03	50
75-15-0	Carbon disulfide		µg/l	U	4.58	50
56-23-5	Carbon tetrachloride		µg/l	U	3.42	50
108-90-7	Chlorobenzene		µg/l	U	3.9	50
75-00-3	Chloroethane		µg/l	U	5.18	50
67-66-3	Chloroform		µg/l	U	5.35	50

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1515

Sample ID: HAAF-MVP-3-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167824
Date Collected: 12/8/02 Time: 10:35
Dilution Factor: 25
Date Analyzed: 12/11/02 Time: 11:06
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	4.32	50
156-59-2	cis-1,2-Dichloroethene	969	µg/l		3.78	50
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	2.5	50
124-48-1	Dibromochloromethane		µg/l	U	3.32	50
74-95-3	Dibromomethane		µg/l	U	2.5	50
75-71-8	Dichlorodifluoromethane		µg/l	U	12.5	50
100-41-4	Ethylbenzene		µg/l	U	2.5	50
87-68-3	Hexachlorobutadiene		µg/l	U	4.8	50
98-82-8	Isopropylbenzene		µg/l	U	2.5	50
75-09-2	Methylene chloride		µg/l	U	9.95	50
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	2.5	50
m+p xylene	m-Xylene and p-Xylene		µg/l	U	5.4	50
91-20-3	Naphthalene		µg/l	U	3.48	50
104-51-8	n-Butylbenzene		µg/l	U	3.5	50
103-65-1	n-Propylbenzene		µg/l	U	2.5	50
95-47-6	o-Xylene		µg/l	U	2.55	50
135-98-8	sec-Butylbenzene		µg/l	U	3.32	50
100-42-5	Styrene		µg/l	U	2.5	50
98-06-6	tert-Butylbenzene		µg/l	U	4.25	50
127-18-4	Tetrachloroethene		µg/l	U	2.88	50
108-88-3	Toluene		µg/l	U	2.62	50
156-60-5	trans-1,2-Dichloroethene		µg/l	U	3.8	50
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	2.5	50
79-01-6	Trichloroethene	453	µg/l		3.78	50
75-69-4	Trichlorofluoromethane		µg/l	U	2.78	50
108-05-4	Vinyl acetate		µg/l	U	50	100
75-01-4	Vinyl chloride		µg/l	U	5.98	50

TSV 12/13/02

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0085

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR MW-3-35

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID: Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-DUP6
Project ID: HAAF-MCA BARRACKS
Project Num: 1678
Lab Sample ID: 167823
Date Collected: 12/8/02 Time: 9:00
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 8:25
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene	2.62	µg/l		0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene	15.7	µg/l		0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene	1.21	µg/l	J	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

TSV 12/18/02

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

DUPLICATE FOR MW P-3-35

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID: Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1514

Sample ID: HAAF-DUP6
Project ID: HAAF-MCA BARRACKS
Project Num: 1678
Lab Sample ID: 167823
Date Collected: 12/8/02 Time: 9:00
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 8:25
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	949	µg/l	E	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene	1.5	µg/l	J	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene	2.38	µg/l		0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene	2.21	µg/l		0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene	0.59	µg/l	J	0.105	2
156-60-5	trans-1,2-Dichloroethene	4.12	µg/l		0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene	766	µg/l	E	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride	6.38	µg/l		0.239	2

TSV 12/18/02

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR MW-3-35

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID: Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1515

Sample ID: HAAF-DUP6
Project ID: HAAF-MCA BARRACKS
Project Num: 1678
Lab Sample ID: 167823
Date Collected: 12/8/02 Time: 9:00
Dilution Factor: 25
Date Analyzed: 12/11/02 Time: 10:11
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	5.55	50
71-55-6	1,1,1-Trichloroethane		µg/l	U	4.5	50
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	2.5	50
79-00-5	1,1,2-Trichloroethane		µg/l	U	3.58	50
75-34-3	1,1-Dichloroethane		µg/l	U	5.35	50
75-35-4	1,1-Dichloroethene		µg/l	U	4.58	50
563-58-6	1,1-Dichloropropene		µg/l	U	2.5	50
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	3.55	50
96-18-4	1,2,3-Trichloropropane		µg/l	U	2.68	50
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	2.7	50
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	2.78	50
106-93-4	1,2-Dibromoethane		µg/l	U	2.92	50
95-50-1	1,2-Dichlorobenzene		µg/l	U	3.52	50
107-06-2	1,2-Dichloroethane		µg/l	U	4.55	50
78-87-5	1,2-Dichloropropane		µg/l	U	2.98	50
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	2.82	50
541-73-1	1,3-Dichlorobenzene		µg/l	U	4.73	50
142-28-9	1,3-Dichloropropane		µg/l	U	2.68	50
106-46-7	1,4-Dichlorobenzene		µg/l	U	3.75	50
590-20-7	2,2-Dichloropropane		µg/l	U	2.7	50
78-93-3	2-Butanone		µg/l	U	12	50
95-49-8	2-Chlorotoluene		µg/l	U	2.65	50
591-78-6	2-Hexanone		µg/l	U	4.08	50
106-43-4	4-Chlorotoluene		µg/l	U	2.5	50
99-87-6	4-Isopropyltoluene		µg/l	U	2.5	50
108-10-1	4-Methyl-2-pentanone		µg/l	U	3.2	50
67-64-1	Acetone		µg/l	U	15.3	50
71-43-2	Benzene		µg/l	U	3.48	50
108-86-1	Bromobenzene		µg/l	U	3.9	50
74-97-5	Bromochloromethane		µg/l	U	4.12	50
75-27-4	Bromodichloromethane		µg/l	U	3.38	50
75-25-2	Bromoform		µg/l	U	4.08	50
74-83-9	Bromomethane		µg/l	U	5.03	50
75-15-0	Carbon disulfide		µg/l	U	4.58	50
56-23-5	Carbon tetrachloride		µg/l	U	3.42	50
108-90-7	Chlorobenzene		µg/l	U	3.9	50
75-00-3	Chloroethane		µg/l	U	5.18	50
67-66-3	Chloroform		µg/l	U	5.35	50

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0082

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR MVP-3-35

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1515

Sample ID: HAAF-DUP6
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167823
Date Collected: 12/8/02 Time: 9:00
Dilution Factor: 25
Date Analyzed: 12/11/02 Time: 10:11
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	4.32	50
156-59-2	cis-1,2-Dichloroethene	1220	µg/l		3.78	50
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	2.5	50
124-48-1	Dibromochloromethane		µg/l	U	3.32	50
74-95-3	Dibromomethane		µg/l	U	2.5	50
75-71-8	Dichlorodifluoromethane		µg/l	U	12.5	50
100-41-4	Ethylbenzene		µg/l	U	2.5	50
87-68-3	Hexachlorobutadiene		µg/l	U	4.8	50
98-82-8	Isopropylbenzene		µg/l	U	2.5	50
75-09-2	Methylene chloride		µg/l	U	9.95	50
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	2.5	50
m+p xylene	m-Xylene and p-Xylene		µg/l	U	5.4	50
91-20-3	Naphthalene		µg/l	U	3.48	50
104-51-8	n-Butylbenzene		µg/l	U	3.5	50
103-65-1	n-Propylbenzene		µg/l	U	2.5	50
95-47-6	o-Xylene		µg/l	U	2.55	50
135-98-8	sec-Butylbenzene		µg/l	U	3.32	50
100-42-5	Styrene		µg/l	U	2.5	50
98-06-6	tert-Butylbenzene		µg/l	U	4.25	50
127-18-4	Tetrachloroethene		µg/l	U	2.88	50
108-88-3	Toluene		µg/l	U	2.62	50
156-60-5	trans-1,2-Dichloroethene		µg/l	U	3.8	50
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	2.5	50
79-01-6	Trichloroethene	479	µg/l		3.78	50
75-69-4	Trichlorofluoromethane		µg/l	U	2.78	50
108-05-4	Vinyl acetate		µg/l	U	50	100
75-01-4	Vinyl chloride		µg/l	U	5.98	50

TSV 12/18/02

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0083

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-3-40
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167825
Date Collected: 12/8/02 Time: 12:15
Dilution Factor: 5
Date Analyzed: 12/11/02 Time: 15:13
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0087

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-3-40
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167825
Date Collected: 12/8/02 Time: 12:15
Dilution Factor: 5
Date Analyzed: 12/11/02 Time: 15:13
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene	114	µg/l		0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene	108	µg/l		0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0088

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-3-45
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167826
Date Collected: 12/8/02 Time: 12:45
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 15:45
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0089

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-3-45
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167826
Date Collected: 12/8/02 Time: 12:45
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 15:45
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	12	µg/l		0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene	7.85	µg/l		0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-10
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167839
Date Collected: 12/9/02 Time: 10:05
Dilution Factor: 1
Date Analyzed: 12/12/02 Time: 1:55
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0116

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-10
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167839
Date Collected: 12/9/02 Time: 10:05
Dilution Factor: 1
Date Analyzed: 12/12/02 Time: 1:55
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	0.7	µg/l	J	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0117

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-15
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167840
Date Collected: 12/9/02 Time: 10:15
Dilution Factor: 1
Date Analyzed: 12/12/02 Time: 2:27
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0118

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-15
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167840
Date Collected: 12/9/02 Time: 10:15
Dilution Factor: 1
Date Analyzed: 12/12/02 Time: 2:27
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	1.52	µg/l	J	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-20
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167841
Date Collected: 12/9/02 Time: 10:35
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 2:59
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0120

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-20
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167841
Date Collected: 12/9/02 Time: 10:35
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 2:59
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene	2.98	µg/l	J	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0121

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID: Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-25
Project ID: HAAF-MCA BARRACKS
Project Num: 1678
Lab Sample ID: 167842
Date Collected: 12/9/02 Time: 10:50
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 3:31
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0122

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-25
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167842
Date Collected: 12/9/02 Time: 10:50
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 3:31
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene	1.05	µg/l	J	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0123

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167843
Date Collected: 12/9/02 Time: 12:15
Dilution Factor: 1
Date Analyzed: 12/12/02 Time: 4:03
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0124

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167843
Date Collected: 12/9/02 Time: 12:15
Dilution Factor: 1
Date Analyzed: 12/12/02 Time: 4:03
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	6.95	µg/l		0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0125

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR MW P-4-30

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-DUP8
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167844
Date Collected: 12/9/02 Time: 8:30
Dilution Factor: 1
Date Analyzed: 12/12/02 Time: 4:36
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR MW-4-30

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-DUP8
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167844
Date Collected: 12/9/02 Time: 8:30
Dilution Factor: 1
Date Analyzed: 12/12/02 Time: 4:36
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene	7.4	µg/l		0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0127

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167845
Date Collected: 12/9/02 Time: 12:45
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 5:08
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0128

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167845
Date Collected: 12/9/02 Time: 12:45
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 5:08
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0129

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-40
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167846
Date Collected: 12/9/02 Time: 13:10
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 5:40
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-40
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167846
Date Collected: 12/9/02 Time: 13:10
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 5:40
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0131

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-45
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167847
Date Collected: 12/9/02 Time: 13:45
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 6:12
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0132

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-4-45
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167847
Date Collected: 12/9/02 Time: 13:45
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 6:12
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene		µg/l	U	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0133

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-10
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167828
Date Collected: 12/8/02 Time: 13:45
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 16:50
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0093

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-10
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167828
Date Collected: 12/8/02 Time: 13:45
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 16:50
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0094

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-15
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167829
Date Collected: 12/8/02 Time: 14:00
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 17:22
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0095

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-15
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167829
Date Collected: 12/8/02 Time: 14:00
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 17:22
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0096

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-20
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167830
Date Collected: 12/8/02 Time: 14:15
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 17:54
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0097

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-20
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167830
Date Collected: 12/8/02 Time: 14:15
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 17:54
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0098

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-25
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167831
Date Collected: 12/8/02 Time: 14:25
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 18:26
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0099

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-25
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167831
Date Collected: 12/8/02 Time: 14:25
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 18:26
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0100

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167832
Date Collected: 12/8/02 Time: 14:35
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 18:58
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0101

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-30
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167832
Date Collected: 12/8/02 Time: 14:35
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 18:58
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0102

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167834
Date Collected: 12/8/02 Time: 14:50
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 20:02
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0105

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-MVP-5-35
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167834
Date Collected: 12/8/02 Time: 14:50
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 20:02
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0106

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR MVP-5-35

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-DUP7
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167833
Date Collected: 12/8/02 Time: 8:30
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 19:30
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0103

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

DUPLICATE FOR MW-5-35

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1517

Sample ID: HAAF-DUP7
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167833
Date Collected: 12/8/02 Time: 8:30
Dilution Factor: 1
Date Analyzed: 12/11/02 Time: 19:30
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0104

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-5-40
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167835
Date Collected: 12/8/02 Time: 15:25
Dilution Factor: 1
Date Analyzed: 12/12/02 Time: 0:19
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0110

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-5-40
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167835
Date Collected: 12/8/02 Time: 15:25
Dilution Factor: 1
Date Analyzed: 12/12/02 Time: 0:19
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	2	4
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-5-45
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167836
Date Collected: 12/8/02 Time: 15:50
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 0:51
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	1.11	10
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.9	10
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.5	10
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.715	10
75-34-3	1,1-Dichloroethane		µg/l	U	1.07	10
75-35-4	1,1-Dichloroethene		µg/l	U	0.915	10
563-58-6	1,1-Dichloropropene		µg/l	U	0.5	10
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.71	10
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.535	10
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.54	10
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.555	10
106-93-4	1,2-Dibromoethane		µg/l	U	0.585	10
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.705	10
107-06-2	1,2-Dichloroethane		µg/l	U	0.91	10
78-87-5	1,2-Dichloropropane		µg/l	U	0.595	10
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.565	10
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.945	10
142-28-9	1,3-Dichloropropane		µg/l	U	0.535	10
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.75	10
590-20-7	2,2-Dichloropropane		µg/l	U	0.54	10
78-93-3	2-Butanone		µg/l	U	2.41	10
95-49-8	2-Chlorotoluene		µg/l	U	0.53	10
591-78-6	2-Hexanone		µg/l	U	0.815	10
106-43-4	4-Chlorotoluene		µg/l	U	0.5	10
99-87-6	4-Isopropyltoluene		µg/l	U	0.5	10
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.64	10
67-64-1	Acetone		µg/l	U	3.06	10
71-43-2	Benzene		µg/l	U	0.695	10
108-86-1	Bromobenzene		µg/l	U	0.78	10
74-97-5	Bromochloromethane		µg/l	U	0.825	10
75-27-4	Bromodichloromethane		µg/l	U	0.675	10
75-25-2	Bromoform		µg/l	U	0.815	10
74-83-9	Bromomethane		µg/l	U	1.01	10
75-15-0	Carbon disulfide		µg/l	U	0.915	10
56-23-5	Carbon tetrachloride		µg/l	U	0.685	10
108-90-7	Chlorobenzene		µg/l	U	0.78	10
75-00-3	Chloroethane		µg/l	U	1.03	10
67-66-3	Chloroform		µg/l	U	1.07	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0112

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID Instru
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1518

Sample ID: HAAF-MVP-5-45
Project ID HAAF-MCA BARRACKS
Project Num 1678
Lab Sample ID: 167836
Date Collected: 12/6/02 Time: 15:50
Dilution Factor: 5
Date Analyzed: 12/12/02 Time: 0:51
Date Received: 12/10/02 10:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-87-3	Chloromethane		µg/l	U	0.865	10
156-59-2	cis-1,2-Dichloroethene	16.6	µg/l		0.755	10
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.5	10
124-48-1	Dibromochloromethane		µg/l	U	0.665	10
74-95-3	Dibromomethane		µg/l	U	0.5	10
75-71-8	Dichlorodifluoromethane		µg/l	U	2.5	10
100-41-4	Ethylbenzene		µg/l	U	0.5	10
87-68-3	Hexachlorobutadiene		µg/l	U	0.96	10
98-82-8	Isopropylbenzene		µg/l	U	0.5	10
75-09-2	Methylene chloride		µg/l	U	1.99	10
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.5	10
m+p xylene	m-Xylene and p-Xylene		µg/l	U	1.08	10
91-20-3	Naphthalene		µg/l	U	0.695	10
104-51-8	n-Butylbenzene		µg/l	U	0.7	10
103-65-1	n-Propylbenzene		µg/l	U	0.5	10
95-47-6	o-Xylene		µg/l	U	0.51	10
135-98-8	sec-Butylbenzene		µg/l	U	0.665	10
100-42-5	Styrene		µg/l	U	0.5	10
98-06-6	tert-Butylbenzene		µg/l	U	0.85	10
127-18-4	Tetrachloroethene		µg/l	U	0.575	10
108-88-3	Toluene		µg/l	U	0.525	10
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.76	10
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.5	10
79-01-6	Trichloroethene	6.83	µg/l	J	0.755	10
75-69-4	Trichlorofluoromethane		µg/l	U	0.555	10
108-05-4	Vinyl acetate		µg/l	U	10	20
75-01-4	Vinyl chloride		µg/l	U	1.2	10

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0113

AmL
Analytical Management Laboratories, Inc.

15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

21796

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, P.O.BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-MCA BARRACKS
Project Number:
Purchase Order Number: DO #0006
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1678

Method # ---> 8260 (Volatiles)

Preservative: List total number of bottles for each preservative type.

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs) 8260	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments: Please include any information that may be useful in the analysis of the sample. Example: high concentration
1678-01	HAAF-MVP-1-30	7Dec02	0850	W	3					3						3									
1678-02	HAAF-MVP-1-35	"	0910	W	3					3						3									
1678-02	HAAF-MVP-1-MS	"	0913	W	3					3						3									
1678-02	HAAF-MVP-1-MSD	"	0915	W	3					3						3									
1678-03	HAAF-MVP-1-40	"	0935	W	3					3						3									
1678-04	HAAF-DUP4	"	0830	W	3					3						3									
1678-05	HAAF-MVP-1-45	"	1000	W	3					3						3									
1678-06	HAAF-MVP-1-BLK4	"	1025	W	3					3						3									
1678-07	TRIP BLANK	"	—	W	2	2				~~2~~						2									w/ HCl
1678-08	HAAF-MV2-2-10	7Dec02	1225	W	3					3						3									

CUSTODY

Relinquished By:	[signature]	Date/Time:	9Dec02 1630	Received By:	Fed Ex	Date/Time:	9Dec02 1630
Relinquished By:		Date/Time:		Received By:	[signature]	Date/Time:	12/10/02 10:15am

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 837547371561	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	—°C ☑ Temp. Blank ☐ Cooler	cooler #1: 2.5°C cooler #2: 2.7°C cooler #3: 2.1°C cooler #4: 2.5°C

A-295

0010

AML
Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

21801

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, P.O. BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF - MCA BARRACKS
Project Number:
Purchase Order Number: DO #0006
Project Due Date:
Project Comments:
Sampler's Signature: Dana Polanek

Laboratory Project Number: 1678

Analyses/Method to be Performed (Check all that apply)

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	Preservative: HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	Method # ---> 8260	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1678-09	HAAF-MVP-2-15	7 Dec 02	1235	W	3					3							3									
1678-10	HAAF-MVP-2-20	"	1245	W	3					3							3									
1678-11	HAAF-MVP-2-25	"	1300	W	3					3							3									
1678-12	HAAF-MVP-2-30	"	1315	W	3					3							3									
1678-13	HAAF-MVP-2-35	"	1330	W	3					3							3									
1678-14	HAAF-MVP-2-BLK5	"	1420	W	3					3							3									
1678-15	HAAF-DUP5	7 Dec 02	0800	W	3					3							3									
1678-16	HAAF-MVP-2-40	"	1510	W	3					3							3									
1678-16	HAAF-MVP-2-MS	"	1513	W	3					3							3									
1678-16	HAAF-MVP-2-MSD	7 Dec 02	1515	W	3					3							3									

Please include any information that may be useful in the analysis of the sample.

Example: high concentration

CUSTODY						
Relinquished By:	Dana Polanek	Date/Time:	9 Dec 02 1630	Received By:	Fed Ex	Date/Time:	9 Dec 02 1630
Relinquished By:		Date/Time:		Received By:	Jessica Lail	Date/Time:	12/10/02 10:15am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEX ☐ Airbill #: 837547337561	☐ Yes ☐ No ☑ Intact ☐ Broken	☐ Ice ☐ Blue Ice ☐ None	☐ °C ☐ Temp. Blank ☐ Cooler	cooler #1: 2.5°C cooler #3: 2.1°C cooler #2: 2.7°C cooler #4: 2.5°C

A-296

0011

AML
Analytical Management Laboratories, Inc.

15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

21795

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
ADDRESS ~~Company Name~~: 100 W. OGLETHORPE, P O BOX 889
NAME ~~Address~~: US ARMY CORPS OF ENGINEERS
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF - MCA BARRACKS
Project Number:
Purchase Order Number: DO # 6012
Project Due Date:
Project Comments:
Sampler's Signature: [signature]

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1678

Method # ---> 8260 (Volatiles)

Preservative: List total number of bottles for each preservative type.

Please include any information that may be useful in the analysis of the sample. Example: high concentration

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4°C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pesticides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1678-17	HAAF-MVP-2-45	7DEC02	1530	W	3					3						3									
1678-18	HAAF-MVP-3-10	8DEC02	0920	W	3					3						3									
1678-19	HAAF-MVP-3-15	"	0930	W	3					3						3									
1678-20	HAAF-MVP-3-20	"	0945	W	3					3						3									
1678-21	HAAF-MVP-3-25	"	1005	W	3					3						3									
1678-22	HAAF-MVP-3-30	"	1015	W	3					3						3									
1678-23	HAAF-DUP6	"	0900	W	3					3						3									
1678-24	HAAF-MVP-3-35	"	1035	W	3					3						3									
1678-25	HAAF-MVP-3-40	"	1215	W	3					3						3									
1678-25	HAAF-MVP-3-MS	8DEC02	1218	W	3					3						3									

CUSTODY		Date/Time:			Date/Time:
Relinquished By:	[signature]	9Dec02 1630	Received By:	FedEx	9Dec02 1630
Relinquished By:			Received By:	[signature]	12/10/02 10:15am

A-297

0012

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☒ Courier FedEX ☐ Airbill #: 837547371561	☒ Yes ☐ No ☒ Intact ☐ Broken	☒ Ice ☐ Blue Ice ☐ None	☒ Temp. Blank ☐ Cooler	cooler #1: 2.5°C cooler #3: 2.1°C cooler #2: 2.7°C cooler #4: 2.5°C

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Olathe, Kansas 66062
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21778

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: USARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, P.O. BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-MCA BARRACKS
Project Number:
Purchase Order Number: DO # 0006
Project Due Date:
Project Comments:
Sampler's Signature: Dan Polanek

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1678

Method # ---> 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	Preservative: HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1678-25	HAAF-MVP-3-MSD	8Dec02	1220	W	3					3						3									
1678-26	HAAF-MVP-3-45	"	1245	W	3					3						3									
1678-27	HAAF-MVP-3-DUP6	"	1305	W	3					3						3									
1678-28	HAAF-MVP-5-10	"	1345	W	3					3						3									
1678-29	HAAF-MVP-5-15	"	1400	W	3					3						3									
1678-30	HAAF-MVP-5-20	"	1415	W	3					3						3									
1678-31	HAAF-MVP-5-25	"	1425	W	3					3						3									1678-31
1678-32	HAAF-MVP-5-30	"	1435	W	3					3						3									1678-32
1678-33	HAAF-DUP7	"	0830	W	3					3						3									1678-33
1678-34	HAAF-MVP-5-35	8Dec02	1450	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.
Example: high concentration

A-298

CUSTODY

Relinquished By:	Dan Polanek	Date/Time: 9Dec02 1630	Received By:	Fed Ex	Date/Time: 9Dec02 1630
Relinquished By:		Date/Time:	Received By:		Date/Time: 12/10/02 10:15am

0013

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEX ☐ Airbill #: 823547371561	☐ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	___ C ☑ Temp. Blank ☐ Cooler	Cooler #1: 2.5°C Cooler #3: 2.1°C Cooler #2: 2.7°C Cooler #4: 2.5°C

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Olathe, Kansas 66062
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Fax (913) 829-1181

21800

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS of ENGINEERS
Address: 100 W. OGLETHORPE, POBOX 889
City, State, Zip: SAVANNAH, GA, 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF- MCA BARRACKS
Project Number:
Purchase Order Number: DO #0006
Project Due Date:
Project Comments:
Sampler's Signature: Dana Plaisance

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1678

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	Preservative: HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs) 8260	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH				Comments:
1678-35	HAAF-MVP-5-40	8Dec02	1525	W	3					3						3												
1678-35	HAAF-MVP-5-MS	"	1530	W	3					3						3												
1678-35	HAAF-MVP-5-MSD	"	1535	W	3					3						3												
1678-36	HAAF-MVP-5-45	8Dec02	1550	W	3					3						3												
1678-37	TRIP BLANK	—	—	W	2	2										2												
1678-38	HAAF-MVP-5-BLK7	9Dec02	0920	W	3					3						3												
1678-39	HAAF-MVP-4-10	9Dec02	1005	W	3					3						3												
1678-40	HAAF-MVP-4-15	"	1015	W	3					3						3												
1678-41	HAAF-MVP-4-20	"	1035	W	2					2						2												
1678-42	HAAF-MVP-4-25	9Dec02	1050	W	2					2						2												

Please include any information that may be useful in the analysis of the sample.
Example: high concentration

CUSTODY						
Relinquished By:	Dana Plaisance	Date/Time:	9Dec02 1630	Received By:	FedEx	Date/Time:	9Dec02 1630
Relinquished By:		Date/Time:		Received By:		Date/Time:	12/10/02 10:15am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☒ Courier FedEx ☐ Airbill #: 837547371561	☒ Yes ☐ No ☒ Intact ☐ Broken	☒ Ice ☐ Blue Ice ☐ None	☐ Temp. Blank ☐ Cooler	Cooler #1: 2.5°C Cooler #3: 2.1°C Cooler #2: 2.7°C Cooler #4: 2.5°C

A-299

0014

Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

21802

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: ~~DOD~~ USARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, P.O. BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF- MCA BARRACKS
Project Number:
Purchase Order Number: DO#0006
Project Due Date:
Project Comments:
Sampler's Signature: Dana Polacek

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1678

Method # --->: 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	Preservative: HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1678-43	HAAF-MVP-4-30	9Dec 02	1215	W	3					3						3									
1678-44	HAAF-DUP 8	"	0830	W	3					3						3									
1678-45	HAAF-MVP-4-35	"	1245	W	3					3						3									
1678-46	HAAF-MVP-4-40	"	1310	W	3					3						3									
1678-47	HAAF-MVP-4-45	"	1345	W	3					3						3									
1678-48	HAAF-MVP-4-BLK8	9DEC02	1410	W	2					2						2									
1678-49	TRIP BLANK	—	—	W	2	2										2									
8																									
9																									
10																									

Please include any information that may be useful in the analysis of the sample.

Example: high concentration

CUSTODY						
Relinquished By:	Dana Polacek	Date/Time:	9Dec 02 1630	Received By:	Fed Ex	Date/Time:	9Dec 02 1630
Relinquished By:		Date/Time:		Received By:		Date/Time:	12/10/02 10:15am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 837547371541	☑ Yes ☐ No ☑ Intact ☐ Broken	☐ Ice ☐ Blue Ice ☐ None	4 °C ☐ Temp. Blank ☐ Cooler	cooler #1: 2.5°C cooler #2: 2.7°C cooler #3: 2.1°C cooler #4: 2.5°C

A-300

0015

Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

21797

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: USARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, P.O.BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF-NCA BARRACKS
Project Number:
Purchase Order Number: DO # 0006
Project Due Date:
Project Comments:
Sampler's Signature: Dave Polacek

Analyses/Method to be Performed (Check all that apply)

Laboratory Project Number: 1665

Method # --->: 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	Preservative: HCl	HNO3	NaOH	H2SO4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pestecides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1665-01	HAAF-B159-3-35	6DEC02	0835	W	3					3						3									
1665-02	HAAF-B159-3-40	"	0905	W	3					3						3									
1665-03	HAAF-B159-3-45	"	0925	W	3					3						3									
1665-04	HAAF-B159-3-10	"	1225	W	3					3						3									
1665-05	HAAF-B159-2-15	"	1235	W	3					3						3									
1665-06	TRIP BLANK	—	—	W	2	2				2						2									
1665-07	HAAF-B159-2-20	6DEC02	1250	W	3					3						3									
1665-08	HAAF-B159-2-25	"	1305	W	3					3						3									
1665-09	HAAF-B159-2-30	"	1320	W	3					3						3									
1665-10	HAAF-DUP 3	6DEC02	0800	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.

Example: high concentration

CUSTODY							
Relinquished By:	Dave Polacek	Date/Time:	6DEC02 1830	Received By:	Fed Ex	Date/Time:	6DEC02 1830
Relinquished By:		Date/Time:		Received By:		Date/Time:	12/07/02 11:15am

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered In Person ☑ Courier FedEx ☐ Airbill #: 837514737157	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	1.9 °C ☑ Temp. Blank ☐ Cooler	

A-301

6000

Analytical Management Laboratories, Inc.
15130 B South Keeler
Olathe, Kansas 66062
Phone (913) 829-0101
Fax (913) 829-1181

21798

Page 2 of 2

Chain of Custody Record / Request for Analysis

Client Contact Name: JIM CUBBEDGE
Company Name: US ARMY CORPS OF ENGINEERS
Address: 100 W. OGLETHORPE, P O BOX 889
City, State, Zip: SAVANNAH, GA 31402
Phone #: (912) 652-5660
Fax #: (912) 652-6012

Project Name: HAAF - MCA BARRACKS
Project Number:
Purchase Order Number: D O # 0006
Project Due Date:
Project Comments:
Sampler's Signature:

Laboratory Project Number: 1665

Analyses/Method to be Performed (Check all that apply)

Method # --->: 8260

Lab ID	Sample Description	Date	Time	Matrix	Total # Containers	Preservative: HCl	HNO_3	NaOH	H_2SO_4	Unpreserved	4° C	TPH Diesel	TPH Gasoline	BTEX	MTBE	Volatiles (VOCs)	BNAs (SVOCs)	Pesticides/PCBs	PCBs	RCRA8 Metals	Lead	Flash Point	Paint Filter	pH	Comments:
1665-11	HAAF-B159-2-35	6DEC02	1330	W	3					3						3									
1665-11	HAAF-B159-2-MS	"	1393	W	3					3						3									
1665-11	HAAF-B159-2-MSD	"	1335	W	3					3						3									
1665-12	HAAF-B159-2-40	"	1410	W	3					3						3									
1665-13	HAAF-B159-2-45	"	1440	W	3					3						3									
1665-14	HAAF-B159-2-BLK3	"	1510	W	3					3						3									
1665-15	HAAF-~~B159~~MVP1-10	"	1615	W	3					3						3									
1665-16	HAAF-MVP-1-15	"	1630	W	3					3						3									
1665-17	HAAF-MVP-1-20	"	1640	W	3					3						3									
1665-18	HAAF-MVP-1-25	"	1655	W	3					3						3									

Please include any information that may be useful in the analysis of the sample.

Example: high concentration

CUSTODY		Date/Time:		Received By:		Date/Time:	
Relinquished By:		6DEC02 1830				12/07/02 11:15am	
Relinquished By:		Date/Time:		Received By:		Date/Time:	

By signing the request (chain of custody) you are ordering work from Analytical Management Laboratories, Inc. which constitutes the acceptance of the terms and conditions on the back of this form.

Delivery Method	Custody Seals	Coolant	Cooler Temp.	Receiving Comments:
☐ Delivered in Person ☑ Courier FedEx ☐ Airbill #: 875173715 72	☑ Yes ☐ No ☑ Intact ☐ Broken	☑ Ice ☐ Blue Ice ☐ None	1.9 °C ☑ Temp. Blank ☐ Cooler	

A-302

0010

GROUNDWATER ANALYTICAL RESULTS
JUNE – SEPTEMBER 2003

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1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID V5973B
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1460

Sample ID: MCA-VP-1-15
Project ID MCA , DO# 0037
Project Num 3741
Lab Sample ID: 374107
Date Collected: 9/3/03 Time: 12:15
Dilution Factor: 1
Date Analyzed: 9/9/03 Time: 20:38
Date Received: 9/5/03 9:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
96-12-8	1,2Dibromo3chloropropane		µg/l	U	0.133	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
107-02-8	Acrolein		µg/l	U	2	4
107-13-1	Acrylonitrile		µg/l	U	2	4
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0034

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID V5973B
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1460

Sample ID: MCA-VP-1-15
Project ID MCA , DO# 0037
Project Num 3741
Lab Sample ID: 374107
Date Collected: 9/3/03 Time: 12:15
Dilution Factor: 1
Date Analyzed: 9/9/03 Time: 20:38
Date Received: 9/5/03 9:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene		µg/l	U	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID: V5973B
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1460

Sample ID: MCA-VP-1-20
Project ID: MCA , DO# 0037
Project Num: 3741
Lab Sample ID: 374108
Date Collected: 9/3/03 Time: 12:20
Dilution Factor: 1
Date Analyzed: 9/9/03 Time: 21:08
Date Received: 9/5/03 9:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
96-12-8	1,2Dibromo3chloropropane		µg/l	U	0.133	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
107-02-8	Acrolein		µg/l	U	2	4
107-13-1	Acrylonitrile		µg/l	U	2	4
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0036

1A - Equivalent
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID V5973B
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1460

Sample ID: MCA-VP-1-20
Project ID MCA , DO# 0037
Project Num 3741
Lab Sample ID: 374108
Date Collected: 9/3/03 Time: 12:20
Dilution Factor: 1
Date Analyzed: 9/9/03 Time: 21:08
Date Received: 9/5/03 9:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
74-83-9	Bromomethane		µg/l	U	0.201	2
75-15-0	Carbon disulfide		µg/l	U	0.183	2
56-23-5	Carbon tetrachloride		µg/l	U	0.137	2
108-90-7	Chlorobenzene		µg/l	U	0.156	2
75-00-3	Chloroethane		µg/l	U	0.207	2
67-66-3	Chloroform		µg/l	U	0.214	2
74-87-3	Chloromethane		µg/l	U	0.173	2
156-59-2	cis-1,2-Dichloroethene		µg/l	U	0.151	2
10061-01-5	cis-1,3-Dichloropropene		µg/l	U	0.1	2
124-48-1	Dibromochloromethane		µg/l	U	0.133	2
74-95-3	Dibromomethane		µg/l	U	0.1	2
75-71-8	Dichlorodifluoromethane		µg/l	U	0.5	2
100-41-4	Ethylbenzene		µg/l	U	0.1	2
87-68-3	Hexachlorobutadiene		µg/l	U	0.192	2
98-82-8	Isopropylbenzene		µg/l	U	0.1	2
75-09-2	Methylene chloride		µg/l	U	0.398	2
1634-04-4	Methyl-tert-butyl-ether		µg/l	U	0.1	2
m+p xylene	m-Xylene and p-Xylene		µg/l	U	0.216	2
91-20-3	Naphthalene		µg/l	U	0.139	2
104-51-8	n-Butylbenzene		µg/l	U	0.14	2
103-65-1	n-Propylbenzene		µg/l	U	0.1	2
95-47-6	o-Xylene		µg/l	U	0.102	2
135-98-8	sec-Butylbenzene		µg/l	U	0.133	2
100-42-5	Styrene		µg/l	U	0.1	2
98-06-6	tert-Butylbenzene		µg/l	U	0.17	2
127-18-4	Tetrachloroethene		µg/l	U	0.115	2
108-88-3	Toluene	0.22	µg/l	J	0.105	2
156-60-5	trans-1,2-Dichloroethene		µg/l	U	0.152	2
10061-02-6	trans-1,3-Dichloropropene		µg/l	U	0.1	2
79-01-6	Trichloroethene		µg/l	U	0.151	2
75-69-4	Trichlorofluoromethane		µg/l	U	0.111	2
108-05-4	Vinyl acetate		µg/l	U	0.5	2
75-01-4	Vinyl chloride		µg/l	U	0.239	2

EPA Lab Code:KS00902
Kansas Certification:E-10254

FORM I VOA - Equivalent

0037

1A - Equivalent

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Analytical Managment Laboratories
Client ID: CESAS
Matrix: W
Sample g/ml: 25
% Solids: not dec.
Instrument ID V5973B
Analytical Method: 8260B
Prep Method: EPA 5030
Analytical Batch: 1460

Sample ID: MCA-VP-1-25
Project ID MCA , DO# 0037
Project Num 3741
Lab Sample ID: 374109
Date Collected: 9/3/03 Time: 12:30
Dilution Factor: 1
Date Analyzed: 9/9/03 Time: 21:38
Date Received: 9/5/03 9:15:00 AM

CAS NO.	COMPOUND	RESULT	Units	Q	LLR	MQL
630-20-6	1,1,1,2-Tetrachloroethane		µg/l	U	0.222	2
71-55-6	1,1,1-Trichloroethane		µg/l	U	0.18	2
79-34-5	1,1,2,2-Tetrachloroethane		µg/l	U	0.1	2
79-00-5	1,1,2-Trichloroethane		µg/l	U	0.143	2
75-34-3	1,1-Dichloroethane		µg/l	U	0.214	2
75-35-4	1,1-Dichloroethene		µg/l	U	0.183	2
563-58-6	1,1-Dichloropropene		µg/l	U	0.1	2
87-61-6	1,2,3-Trichlorobenzene		µg/l	U	0.142	2
96-18-4	1,2,3-Trichloropropane		µg/l	U	0.107	2
120-82-1	1,2,4-Trichlorobenzene		µg/l	U	0.108	2
95-63-6	1,2,4-Trimethylbenzene		µg/l	U	0.111	2
96-12-8	1,2Dibromo3chloropropane		µg/l	U	0.133	2
106-93-4	1,2-Dibromoethane		µg/l	U	0.117	2
95-50-1	1,2-Dichlorobenzene		µg/l	U	0.141	2
107-06-2	1,2-Dichloroethane		µg/l	U	0.182	2
78-87-5	1,2-Dichloropropane		µg/l	U	0.119	2
108-67-8	1,3,5-Trimethylbenzene		µg/l	U	0.113	2
541-73-1	1,3-Dichlorobenzene		µg/l	U	0.189	2
142-28-9	1,3-Dichloropropane		µg/l	U	0.107	2
106-46-7	1,4-Dichlorobenzene		µg/l	U	0.15	2
590-20-7	2,2-Dichloropropane		µg/l	U	0.108	2
78-93-3	2-Butanone		µg/l	U	0.481	2
95-49-8	2-Chlorotoluene		µg/l	U	0.106	2
591-78-6	2-Hexanone		µg/l	U	0.163	2
106-43-4	4-Chlorotoluene		µg/l	U	0.1	2
99-87-6	4-Isopropyltoluene		µg/l	U	0.1	2
108-10-1	4-Methyl-2-pentanone		µg/l	U	0.128	2
67-64-1	Acetone		µg/l	U	0.612	2
107-02-8	Acrolein		µg/l	U	2	4
107-13-1	Acrylonitrile		µg/l	U	2	4
71-43-2	Benzene		µg/l	U	0.139	2
108-86-1	Bromobenzene		µg/l	U	0.156	2
74-97-5	Bromochloromethane		µg/l	U	0.165	2
75-27-4	Bromodichloromethane		µg/l	U	0.135	2
75-25-2	Bromoform		µg/l	U	0.163	2

EPA Lab Code:KS00902

Kansas Certification:E-10254

FORM I VOA - Equivalent

0038