1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-53-25RE

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-12

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-12RB71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/27/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.4

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.7		U
75-01-4	Vinyl Chloride	0.7		U
74-83-9	Bromomethane	0.7		U
75-00-3	Chloroethane	0.7		U
75-35-4	1,1-Dichloroethene	0.7		U
75-15-0	Carbon disulfide	0.7		U
67-64-1	Acetone	3	47	B
75-09-2	Methylene Chloride	0.7	2	B
156-60-5	trans-1,2-Dichloroethene	0.7		U
1634-04-4	Methyl-tert-butyl ether	0.7		U
75-34-3	1,1-Dichloroethane	0.7		U
156-59-2	cis-1,2-Dichloroethene	0.7		U
78-93-3	2-butanone	3	22	
67-66-3	Chloroform	0.7	0.7	
71-55-6	1,1,1-Trichloroethane	0.7		U
56-23-5	Carbon Tetrachloride	0.7		U
71-43-2	Benzene	0.7	1	
107-06-2	1,2-Dichloroethane	0.7		U
79-01-6	Trichloroethene	0.7	0.2	J
78-87-5	1,2-Dichloropropane	0.7		U
75-27-4	Bromodichloromethane	0.7		U
10061-01-5	cis-1,3-Dichloropropene	0.7		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.7	2	B
10061-02-6	trans-1,3-Dichloropropene	0.7		U
79-00-5	1,1,2-Trichloroethane	0.7		U
127-18-4	Tetrachloroethene	0.7		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.7		U
108-90-7	Chlorobenzene	0.7		U
100-41-4	Ethylbenzene	0.7	0.4	J
108-38-3	m,p-Xylene	1	0.5	J
95-47-6	o-Xylene	0.7	0.2	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-53-25RE

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-12

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-12RB71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/27/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.4

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.7		U
75-25-2	Bromoform	0.7		U
79-34-5	1,1,2,2-Tetrachloroethane	0.7		U
1330-20-7	Xylene (total)	0.7	0.7	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-64-25

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-2B71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	0.2	J
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5	0.3	J
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	5	B
75-09-2	Methylene Chloride	0.5	0.2	J
156-60-5	trans-1,2-Dichloroethene	0.5	0.1	J
1634-04-4	Methyl-tert-butyl ether	0.5	0.2	J
75-34-3	1,1-Dichloroethane	0.5	2	
156-59-2	cis-1,2-Dichloroethene	0.5	1	
78-93-3	2-butanone	3	9	B
67-66-3	Chloroform	0.5	0.3	J
71-55-6	1,1,1-Trichloroethane	0.5	31	E
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.3	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	41	E
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	1	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5	0.1	J
127-18-4	Tetrachloroethene	0.5	6	
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	J
108-38-3	m,p-Xylene	1	0.3	J
95-47-6	o-Xylene	0.5	0.07	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-64-25

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-2B71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5--------	Styrene	0.5	0.09	J
75-25-2---------	Bromoform	0.5		U
79-34-5---------	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7-------	Xylene (total)	0.5	0.4	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-64-25DL

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-2DA71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.8

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.9		U
75-01-4	Vinyl Chloride	0.9		U
74-83-9	Bromomethane	0.9		U
75-00-3	Chloroethane	0.9		U
75-35-4	1,1-Dichloroethene	0.9	0.4	DJ
75-15-0	Carbon disulfide	0.9		U
67-64-1	Acetone	4	8	DB
75-09-2	Methylene Chloride	0.9	0.4	DJB
156-60-5	trans-1,2-Dichloroethene	0.9		U
1634-04-4	Methyl-tert-butyl ether	0.9	0.3	DJ
75-34-3	1,1-Dichloroethane	0.9	2	D
156-59-2	cis-1,2-Dichloroethene	0.9	1	D
78-93-3	2-butanone	4	10	D
67-66-3	Chloroform	0.9	0.3	DJ
71-55-6	1,1,1-Trichloroethane	0.9	37	D
56-23-5	Carbon Tetrachloride	0.9		U
71-43-2	Benzene	0.9	0.3	DJ
107-06-2	1,2-Dichloroethane	0.9		U
79-01-6	Trichloroethene	0.9	37	D
78-87-5	1,2-Dichloropropane	0.9		U
75-27-4	Bromodichloromethane	0.9		U
10061-01-5	cis-1,3-Dichloropropene	0.9		U
108-10-1	4-Methyl-2-pentanone	4		U
108-88-3	Toluene	0.9	1	DB
10061-02-6	trans-1,3-Dichloropropene	0.9		U
79-00-5	1,1,2-Trichloroethane	0.9		U
127-18-4	Tetrachloroethene	0.9	6	D
591-78-6	2-hexanone	4		U
124-48-1	Dibromochloromethane	0.9		U
108-90-7	Chlorobenzene	0.9		U
100-41-4	Ethylbenzene	0.9	0.2	DJ
108-38-3	m,p-Xylene	2	0.3	DJ
95-47-6	o-Xylene	0.9	0.1	DJ

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-64-25DL

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-2DA71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.8

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.9	0.2	DJ
75-25-2	Bromoform	0.9		U
79-34-5	1,1,2,2-Tetrachloroethane	0.9		U
1330-20-7	Xylene (total)	0.9	0.4	DJ

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-64-30

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-1A71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5	2	
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	7	B
75-09-2	Methylene Chloride	0.5	0.2	JB
156-60-5	trans-1,2-Dichloroethene	0.5	0.1	J
1634-04-4	Methyl-tert-butyl ether	0.5	1	
75-34-3	1,1-Dichloroethane	0.5	4	
156-59-2	cis-1,2-Dichloroethene	0.5	2	
78-93-3	2-butanone	3	10	
67-66-3	Chloroform	0.5	0.7	
71-55-6	1,1,1-Trichloroethane	0.5	120	E
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.5	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	73	E
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	1	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5	0.2	J
127-18-4	Tetrachloroethene	0.5	5	
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.1	J
108-38-3	m,p-Xylene	1	0.2	J
95-47-6	o-Xylene	0.5	0.1	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-64-30

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-1A71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.4	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-64-30DL

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-1D2A71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 7.1

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	4		U
75-01-4	Vinyl Chloride	4		U
74-83-9	Bromomethane	4		U
75-00-3	Chloroethane	4		U
75-35-4	1,1-Dichloroethene	4		U
75-15-0	Carbon disulfide	4		U
67-64-1	Acetone	18	31	DB
75-09-2	Methylene Chloride	4	3	DJB
156-60-5	trans-1,2-Dichloroethene	4		U
1634-04-4	Methyl-tert-butyl ether	4		U
75-34-3	1,1-Dichloroethane	4	3	DJ
156-59-2	cis-1,2-Dichloroethene	4	2	DJ
78-93-3	2-butanone	18		U
67-66-3	Chloroform	4	0.6	DJ
71-55-6	1,1,1-Trichloroethane	4	68	D
56-23-5	Carbon Tetrachloride	4		U
71-43-2	Benzene	4	0.4	DJ
107-06-2	1,2-Dichloroethane	4		U
79-01-6	Trichloroethene	4	47	D
78-87-5	1,2-Dichloropropane	4		U
75-27-4	Bromodichloromethane	4		U
10061-01-5	cis-1,3-Dichloropropene	4		U
108-10-1	4-Methyl-2-pentanone	18		U
108-88-3	Toluene	4	3	DJB
10061-02-6	trans-1,3-Dichloropropene	4		U
79-00-5	1,1,2-Trichloroethane	4		U
127-18-4	Tetrachloroethene	4	4	D
591-78-6	2-hexanone	18		U
124-48-1	Dibromochloromethane	4		U
108-90-7	Chlorobenzene	4		U
100-41-4	Ethylbenzene	4	0.4	DJ
108-38-3	m,p-Xylene	7	0.6	DJ
95-47-6	o-Xylene	4		U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-64-30DL

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-1D2A71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 7.1

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	4	0.4	DJ
75-25-2	Bromoform	4		U
79-34-5	1,1,2,2-Tetrachloroethane	4		U
1330-20-7	Xylene (total)	4	0.7	DJ

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-65-25

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-5B71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5	3	
75-15-0	Carbon disulfide	0.5	0.08	J
67-64-1	Acetone	3	12	B
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5	1	
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	4	
156-59-2	cis-1,2-Dichloroethene	0.5	24	
78-93-3	2-butanone	3	13	B
67-66-3	Chloroform	0.5	1	
71-55-6	1,1,1-Trichloroethane	0.5	29	E
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	1	
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	57	E
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	3	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.2	J
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.6	
108-38-3	m,p-Xylene	1	0.9	J
95-47-6	o-Xylene	0.5	0.4	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-65-25

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-5B71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.3	J
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	1	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-65-25DL

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-5DB71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/27/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 3.3

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	2		U
75-00-3	Chloroethane	2		U
75-35-4	1,1-Dichloroethene	2	3	D
75-15-0	Carbon disulfide	2		U
67-64-1	Acetone	8	24	DB
75-09-2	Methylene Chloride	2	0.5	DJB
156-60-5	trans-1,2-Dichloroethene	2	1	DJ
1634-04-4	Methyl-tert-butyl ether	2		U
75-34-3	1,1-Dichloroethane	2	4	D
156-59-2	cis-1,2-Dichloroethene	2	28	D
78-93-3	2-butanone	8		U
67-66-3	Chloroform	2	1	DJ
71-55-6	1,1,1-Trichloroethane	2	31	D
56-23-5	Carbon Tetrachloride	2		U
71-43-2	Benzene	2	1	DJ
107-06-2	1,2-Dichloroethane	2		U
79-01-6	Trichloroethene	2	55	D
78-87-5	1,2-Dichloropropane	2		U
75-27-4	Bromodichloromethane	2		U
10061-01-5	cis-1,3-Dichloropropene	2		U
108-10-1	4-Methyl-2-pentanone	8		U
108-88-3	Toluene	2	3	DB
10061-02-6	trans-1,3-Dichloropropene	2		U
79-00-5	1,1,2-Trichloroethane	2		U
127-18-4	Tetrachloroethene	2	0.4	DJ
591-78-6	2-hexanone	8		U
124-48-1	Dibromochloromethane	2		U
108-90-7	Chlorobenzene	2		U
100-41-4	Ethylbenzene	2	0.7	DJ
108-38-3	m,p-Xylene	3	1	DJ
95-47-6	o-Xylene	2	0.4	DJ

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-65-25DL

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-5DB71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/27/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 3.3

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	2	0.2	DJ
75-25-2	Bromoform	2		U
79-34-5	1,1,2,2-Tetrachloroethane	2		U
1330-20-7	Xylene (total)	2	2	DJ

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-65-55

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-4D2B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 2.8

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	1		U
75-01-4	Vinyl Chloride	1	0.4	J
74-83-9	Bromomethane	1		U
75-00-3	Chloroethane	1		U
75-35-4	1,1-Dichloroethene	1	1	
75-15-0	Carbon disulfide	1		U
67-64-1	Acetone	7	37	B
75-09-2	Methylene Chloride	1	0.4	J
156-60-5	trans-1,2-Dichloroethene	1	0.7	J
1634-04-4	Methyl-tert-butyl ether	1		U
75-34-3	1,1-Dichloroethane	1	8	
156-59-2	cis-1,2-Dichloroethene	1	34	
78-93-3	2-butanone	7	30	
67-66-3	Chloroform	1	0.5	J
71-55-6	1,1,1-Trichloroethane	1	5	
56-23-5	Carbon Tetrachloride	1		U
71-43-2	Benzene	1	2	B
107-06-2	1,2-Dichloroethane	1	0.7	J
79-01-6	Trichloroethene	1	20	
78-87-5	1,2-Dichloropropane	1		U
75-27-4	Bromodichloromethane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
108-10-1	4-Methyl-2-pentanone	7		U
108-88-3	Toluene	1	4	B
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
127-18-4	Tetrachloroethene	1	0.4	J
591-78-6	2-hexanone	7		U
124-48-1	Dibromochloromethane	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1	1	J
108-38-3	m,p-Xylene	3	2	J
95-47-6	o-Xylene	1	0.7	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-65-55

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-4D2B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 2.8

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5--------	Styrene	1	0.2	J
75-25-2---------	Bromoform	1		U
79-34-5---------	1,1,2,2-Tetrachloroethane	1		U
1330-20-7-------	Xylene (total)	1	2	

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-65-65

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-3DA71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 2.2

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	1		U
75-01-4	Vinyl Chloride	1		U
74-83-9	Bromomethane	1		U
75-00-3	Chloroethane	1		U
75-35-4	1,1-Dichloroethene	1	2	
75-15-0	Carbon disulfide	1		U
67-64-1	Acetone	5	26	B
75-09-2	Methylene Chloride	1	0.6	JB
156-60-5	trans-1,2-Dichloroethene	1	0.9	J
1634-04-4	Methyl-tert-butyl ether	1		U
75-34-3	1,1-Dichloroethane	1	7	
156-59-2	cis-1,2-Dichloroethene	1	33	
78-93-3	2-butanone	5	17	
67-66-3	Chloroform	1	0.5	J
71-55-6	1,1,1-Trichloroethane	1	7	
56-23-5	Carbon Tetrachloride	1		U
71-43-2	Benzene	1	2	
107-06-2	1,2-Dichloroethane	1		U
79-01-6	Trichloroethene	1	20	
78-87-5	1,2-Dichloropropane	1		U
75-27-4	Bromodichloromethane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
108-10-1	4-Methyl-2-pentanone	5		U
108-88-3	Toluene	1	4	B
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
127-18-4	Tetrachloroethene	1	0.4	J
591-78-6	2-hexanone	5		U
124-48-1	Dibromochloromethane	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1	0.8	J
108-38-3	m,p-Xylene	2	1	J
95-47-6	o-Xylene	1	0.5	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-65-65

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-3DA71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 2.2

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
1330-20-7	Xylene (total)	1	2	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-67-25

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-15

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-15D2A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 3.6

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	2		U
75-00-3	Chloroethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-15-0	Carbon disulfide	2		U
67-64-1	Acetone	9	37	B
75-09-2	Methylene Chloride	2	1	J
156-60-5	trans-1,2-Dichloroethene	2		U
1634-04-4	Methyl-tert-butyl ether	2		U
75-34-3	1,1-Dichloroethane	2		U
156-59-2	cis-1,2-Dichloroethene	2		U
78-93-3	2-butanone	9		U
67-66-3	Chloroform	2		U
71-55-6	1,1,1-Trichloroethane	2		U
56-23-5	Carbon Tetrachloride	2		U
71-43-2	Benzene	2	0.1	J
107-06-2	1,2-Dichloroethane	2		U
79-01-6	Trichloroethene	2		U
78-87-5	1,2-Dichloropropane	2		U
75-27-4	Bromodichloromethane	2		U
10061-01-5	cis-1,3-Dichloropropene	2		U
108-10-1	4-Methyl-2-pentanone	9		U
108-88-3	Toluene	2	0.5	JB
10061-02-6	trans-1,3-Dichloropropene	2		U
79-00-5	1,1,2-Trichloroethane	2		U
127-18-4	Tetrachloroethene	2		U
591-78-6	2-hexanone	9		U
124-48-1	Dibromochloromethane	2		U
108-90-7	Chlorobenzene	2		U
100-41-4	Ethylbenzene	2		U
108-38-3	m,p-Xylene	4		U
95-47-6	o-Xylene	2		U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-67-25

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-15

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-15D2A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 3.6

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	2		U
75-25-2	Bromoform	2		U
79-34-5	1,1,2,2-Tetrachloroethane	2		U
1330-20-7	Xylene (total)	2		U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-67-40

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-14

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-14D2A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 2.7

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	1		U
75-01-4	Vinyl Chloride	1		U
74-83-9	Bromomethane	1		U
75-00-3	Chloroethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-15-0	Carbon disulfide	1		U
67-64-1	Acetone	7	25	B
75-09-2	Methylene Chloride	1	0.7	J
156-60-5	trans-1,2-Dichloroethene	1		U
1634-04-4	Methyl-tert-butyl ether	1		U
75-34-3	1,1-Dichloroethane	1		U
156-59-2	cis-1,2-Dichloroethene	1		U
78-93-3	2-butanone	7	9	
67-66-3	Chloroform	1		U
71-55-6	1,1,1-Trichloroethane	1		U
56-23-5	Carbon Tetrachloride	1		U
71-43-2	Benzene	1	1	
107-06-2	1,2-Dichloroethane	1		U
79-01-6	Trichloroethene	1		U
78-87-5	1,2-Dichloropropane	1		U
75-27-4	Bromodichloromethane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
108-10-1	4-Methyl-2-pentanone	7		U
108-88-3	Toluene	1	2	B
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
127-18-4	Tetrachloroethene	1		U
591-78-6	2-hexanone	7		U
124-48-1	Dibromochloromethane	1		U
108-90-7	Chlorobenzene	1		U
100-41-4	Ethylbenzene	1	0.5	J
108-38-3	m,p-Xylene	3	0.6	J
95-47-6	o-Xylene	1	0.3	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-67-40

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-14

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-14D2A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 2.7

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
1330-20-7	Xylene (total)	1	0.9	J

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-67-50

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-13

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-13D2A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 3.6

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	2		U
75-00-3	Chloroethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-15-0	Carbon disulfide	2		U
67-64-1	Acetone	9	18	B
75-09-2	Methylene Chloride	2	1	J
156-60-5	trans-1,2-Dichloroethene	2		U
1634-04-4	Methyl-tert-butyl ether	2		U
75-34-3	1,1-Dichloroethane	2		U
156-59-2	cis-1,2-Dichloroethene	2		U
78-93-3	2-butanone	9		U
67-66-3	Chloroform	2		U
71-55-6	1,1,1-Trichloroethane	2		U
56-23-5	Carbon Tetrachloride	2		U
71-43-2	Benzene	2	0.9	J
107-06-2	1,2-Dichloroethane	2		U
79-01-6	Trichloroethene	2		U
78-87-5	1,2-Dichloropropane	2		U
75-27-4	Bromodichloromethane	2		U
10061-01-5	cis-1,3-Dichloropropene	2		U
108-10-1	4-Methyl-2-pentanone	9		U
108-88-3	Toluene	2	2	B
10061-02-6	trans-1,3-Dichloropropene	2		U
79-00-5	1,1,2-Trichloroethane	2		U
127-18-4	Tetrachloroethene	2		U
591-78-6	2-hexanone	9		U
124-48-1	Dibromochloromethane	2		U
108-90-7	Chlorobenzene	2		U
100-41-4	Ethylbenzene	2	0.5	J
108-38-3	m,p-Xylene	4	0.6	J
95-47-6	o-Xylene	2	0.3	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-67-50

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-13

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-13D2A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 3.6

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	2	0.3	J
75-25-2	Bromoform	2		U
79-34-5	1,1,2,2-Tetrachloroethane	2		U
1330-20-7	Xylene (total)	2	1	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-20

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-20A71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3		U
75-09-2	Methylene Chloride	0.5	0.3	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	2	J
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.1	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.05	J
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

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Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: Z2974-20

Sample wt/vol: 25 (g/ml) ML Lab File ID: Z2974-20A71

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSQLCS

Project: Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25091-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25091-4B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/27/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	5	
75-01-4	Vinyl Chloride	0.5	5	
74-83-9	Bromomethane	0.5	5	
75-00-3	Chloroethane	0.5	4	
75-35-4	1,1-Dichloroethene	0.5	5	
75-15-0	Carbon disulfide	0.5	5	
67-64-1	Acetone	3	17	B
75-09-2	Methylene Chloride	0.5	4	
156-60-5	trans-1,2-Dichloroethene	0.5	5	
1634-04-4	Methyl-tert-butyl ether	0.5	5	
75-34-3	1,1-Dichloroethane	0.5	5	
156-59-2	cis-1,2-Dichloroethene	0.5	6	
78-93-3	2-butanone	3	28	
67-66-3	Chloroform	0.5	6	
71-55-6	1,1,1-Trichloroethane	0.5	5	
56-23-5	Carbon Tetrachloride	0.5	5	
71-43-2	Benzene	0.5	5	B
107-06-2	1,2-Dichloroethane	0.5	5	
79-01-6	Trichloroethene	0.5	5	
78-87-5	1,2-Dichloropropane	0.5	5	
75-27-4	Bromodichloromethane	0.5	6	
10061-01-5	cis-1,3-Dichloropropene	0.5	6	
108-10-1	4-Methyl-2-pentanone	3	27	
108-88-3	Toluene	0.5	5	B
10061-02-6	trans-1,3-Dichloropropene	0.5	6	
79-00-5	1,1,2-Trichloroethane	0.5	5	
127-18-4	Tetrachloroethene	0.5	5	
591-78-6	2-hexanone	3	27	
124-48-1	Dibromochloromethane	0.5	6	
108-90-7	Chlorobenzene	0.5	5	
100-41-4	Ethylbenzene	0.5	6	
108-38-3	m,p-Xylene	1	10	
95-47-6	o-Xylene	0.5	6	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSQLCS

Project: Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25091-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25091-4B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/27/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	6	
75-25-2	Bromoform	0.5	6	
79-34-5	1,1,2,2-Tetrachloroethane	0.5	5	
1330-20-7	Xylene (total)	0.5	16	

FORM I VOA 8260B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSRLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25091-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25091-5A73_Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	5	
75-01-4	Vinyl Chloride	0.5	6	
74-83-9	Bromomethane	0.5	6	
75-00-3	Chloroethane	0.5	5	
75-35-4	1,1-Dichloroethene	0.5	4	
75-15-0	Carbon disulfide	0.5	4	
67-64-1	Acetone	3	24	B
75-09-2	Methylene Chloride	0.5	4	
156-60-5	trans-1,2-Dichloroethene	0.5	5	
1634-04-4	Methyl-tert-butyl ether	0.5	5	
75-34-3	1,1-Dichloroethane	0.5	5	
156-59-2	cis-1,2-Dichloroethene	0.5	5	
78-93-3	2-butanone	3	29	
67-66-3	Chloroform	0.5	5	
71-55-6	1,1,1-Trichloroethane	0.5	5	
56-23-5	Carbon Tetrachloride	0.5	5	
71-43-2	Benzene	0.5	5	
107-06-2	1,2-Dichloroethane	0.5	6	
79-01-6	Trichloroethene	0.5	5	
78-87-5	1,2-Dichloropropane	0.5	5	
75-27-4	Bromodichloromethane	0.5	6	
10061-01-5	cis-1,3-Dichloropropene	0.5	5	
108-10-1	4-Methyl-2-pentanone	3	30	
108-88-3	Toluene	0.5	4	B
10061-02-6	trans-1,3-Dichloropropene	0.5	5	
79-00-5	1,1,2-Trichloroethane	0.5	5	
127-18-4	Tetrachloroethene	0.5	5	
591-78-6	2-hexanone	3	33	
124-48-1	Dibromochloromethane	0.5	6	
108-90-7	Chlorobenzene	0.5	5	
100-41-4	Ethylbenzene	0.5	5	
108-38-3	m,p-Xylene	1	10	
95-47-6	o-Xylene	0.5	5	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSRLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25091-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25091-5A73_Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	5	
75-25-2	Bromoform	0.5	6	
79-34-5	1,1,2,2-Tetrachloroethane	0.5	5	
1330-20-7	Xylene (total)	0.5	15	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VUALCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25121-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25121-4B71

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5	5	
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	3	JB
75-09-2	Methylene Chloride	0.5	0.1	J
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	5	
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	5	
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	6	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5	6	
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VUALCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25121-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25121-4B71

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5--------	Styrene	0.5		U
75-25-2---------	Bromoform	0.5		U
79-34-5---------	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7-------	Xylene (total)	0.5		U

FORM I VOA 8260B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VUBLCS

Project: Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25121-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25121-5A71_Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	5	
75-01-4	Vinyl Chloride	0.5	6	
74-83-9	Bromomethane	0.5	5	
75-00-3	Chloroethane	0.5	5	
75-35-4	1,1-Dichloroethene	0.5	4	
75-15-0	Carbon disulfide	0.5	4	
67-64-1	Acetone	3	24	B
75-09-2	Methylene Chloride	0.5	4	B
156-60-5	trans-1,2-Dichloroethene	0.5	5	
1634-04-4	Methyl-tert-butyl ether	0.5	4	
75-34-3	1,1-Dichloroethane	0.5	5	
156-59-2	cis-1,2-Dichloroethene	0.5	5	
78-93-3	2-butanone	3	24	
67-66-3	Chloroform	0.5	5	
71-55-6	1,1,1-Trichloroethane	0.5	6	
56-23-5	Carbon Tetrachloride	0.5	6	
71-43-2	Benzene	0.5	5	
107-06-2	1,2-Dichloroethane	0.5	5	
79-01-6	Trichloroethene	0.5	5	
78-87-5	1,2-Dichloropropane	0.5	5	
75-27-4	Bromodichloromethane	0.5	5	
10061-01-5	cis-1,3-Dichloropropene	0.5	4	
108-10-1	4-Methyl-2-pentanone	3	26	
108-88-3	Toluene	0.5	5	B
10061-02-6	trans-1,3-Dichloropropene	0.5	4	
79-00-5	1,1,2-Trichloroethane	0.5	4	
127-18-4	Tetrachloroethene	0.5	5	
591-78-6	2-hexanone	3	23	
124-48-1	Dibromochloromethane	0.5	4	
108-90-7	Chlorobenzene	0.5	5	
100-41-4	Ethylbenzene	0.5	5	
108-38-3	m,p-Xylene	1	10	
95-47-6	o-Xylene	0.5	5	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VUBLCS

Project: Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25121-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25121-5A71_Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	5	
75-25-2	Bromoform	0.5	4	
79-34-5	1,1,2,2-Tetrachloroethane	0.5	4	
1330-20-7	Xylene (total)	0.5	17	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VUYLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25184-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25184-4B71Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	4	
75-01-4	Vinyl Chloride	0.5	4	
74-83-9	Bromomethane	0.5	4	
75-00-3	Chloroethane	0.5	4	
75-35-4	1,1-Dichloroethene	0.5	4	
75-15-0	Carbon disulfide	0.5	4	
67-64-1	Acetone	3	21	B
75-09-2	Methylene Chloride	0.5	4	B
156-60-5	trans-1,2-Dichloroethene	0.5	4	
1634-04-4	Methyl-tert-butyl ether	0.5	5	
75-34-3	1,1-Dichloroethane	0.5	5	
156-59-2	cis-1,2-Dichloroethene	0.5	5	
78-93-3	2-butanone	3	24	
67-66-3	Chloroform	0.5	6	
71-55-6	1,1,1-Trichloroethane	0.5	5	
56-23-5	Carbon Tetrachloride	0.5	5	
71-43-2	Benzene	0.5	4	
107-06-2	1,2-Dichloroethane	0.5	6	
79-01-6	Trichloroethene	0.5	4	
78-87-5	1,2-Dichloropropane	0.5	5	
75-27-4	Bromodichloromethane	0.5	5	
10061-01-5	cis-1,3-Dichloropropene	0.5	5	
108-10-1	4-Methyl-2-pentanone	3	25	
108-88-3	Toluene	0.5	4	B
10061-02-6	trans-1,3-Dichloropropene	0.5	5	
79-00-5	1,1,2-Trichloroethane	0.5	5	
127-18-4	Tetrachloroethene	0.5	5	
591-78-6	2-hexanone	3	23	
124-48-1	Dibromochloromethane	0.5	5	
108-90-7	Chlorobenzene	0.5	4	
100-41-4	Ethylbenzene	0.5	5	
108-38-3	m,p-Xylene	1	9	
95-47-6	o-Xylene	0.5	5	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VUYLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25184-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25184-4B71Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	5	
75-25-2	Bromoform	0.5	5	
79-34-5	1,1,2,2-Tetrachloroethane	0.5	5	
1330-20-7	Xylene (total)	0.5	14	

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

	CLIENT SAMPLE NO.	SMC1 (DBF)#	SMC2 (DCE)#	SMC3 (TOL)#	SMC4 (BFB)#	TOT OUT
01	VBLKOZ	98	89	112	110	0
02	VOZLCS	122	107	117	112	0
03	TRIP BLANK	116	132	119	119	0
04	MIP-64-30	120	125	116	116	0
05	VBLKUA	133	122	120	130	0
06	VUALCS	114	113	120	131	0
07	MIP-64-25	126	121	124	132	0
08	MIP-65-25	110	122	125	129	0
09	MIP-39-70	125	120	124	131	0
10	MIP-39-60	106	110	127	128	0
11	MIP-50-20	123	118	122	136	0
12	MIP-53-25	130	179*	165*	245*	3
13	VBLKUB	112	117	111	107	0
14	VUBLCS	125	114	114	109	0
15	MIP-64-30DL	121	113	113	117	0
16	MIP-64-25DL	125	116	108	112	0
17	MIP-65-65	107	117	110	116	0
18	VBLKUY	102	119	103	114	0
19	VUYLCS	142	128	128	135	0
20	MIP-65-25DL	143	142	139	143*	1
21	MIP-53-25RE	132	120	142	156*	1
22	VBLKSQ	143	148	103	106	0
23	VSQLCS	103	101	104	99	0
24	MIP-39-20	108	106	99	95	0
25	MIP-35-60	110	111	98	96	0
26	MIP-35-40	115	111	99	98	0
27	MIP-51-50	120	122	95	113	0
28	MIP-51-40	115	120	98	98	0

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(65-150)
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(59-150)
SMC3 (TOL)	= Toluene-d8	(61-145)
SMC4 (BFB)	= Bromofluorobenzene	(63-143)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

	CLIENT SAMPLE NO.	SMC1 (DBF)#	SMC2 (DCE)#	SMC3 (TOL)#	SMC4 (BFB)#	TOT OUT
01	MIP-51-25	112	116	98	105	0
02	EB-062003	116	120	93	96	0
03	MIP-65-55	112	113	99	101	0
04	MIP-39-70DL	116	120	103	94	0
05	MIP-39-60DL	115	113	101	97	0
06	VBLKSR	107	109	93	90	0
07	VSRLCS	107	118	96	90	0
08	MIP-67-50	113	108	102	98	0
09	MIP-67-40	120	120	98	103	0
10	MIP-67-25	114	129	100	100	0
11						
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19						
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21						
22						
23						
24						
25						
26						
27						
28						

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(65-150)
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(59-150)
SMC3 (TOL)	= Toluene-d8	(61-145)
SMC4 (BFB)	= Bromofluorobenzene	(63-143)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3A
WATER VOLATILE LAB CONTROL SAMPLE

VOZLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.00	4.88	98	50-141
Vinyl Chloride	5.00	5.61	112	49-142
Bromomethane	5.00	5.11	102	54-150
Chloroethane	5.00	5.49	110	61-150
1,1-Dichloroethene	5.00	4.16	83	50-150
Carbon disulfide	5.00	4.24	85	50-150
Acetone	25.00	22.95	92	50-142
Methylene Chloride	5.00	3.88	78	50-149
trans-1,2-Dichloroethen	5.00	4.63	93	60-143
Methyl-tert-butyl ether	5.00	3.63	73	50-150
1,1-Dichloroethane	5.00	4.34	87	63-140
cis-1,2-Dichloroethene	5.00	4.43	89	58-148
2-butanone	25.00	21.43	86	50-150
Chloroform	5.00	4.61	92	57-146
1,1,1-Trichloroethane	5.00	6.06	121	58-150
Carbon Tetrachloride	5.00	5.57	111	50-150
Benzene	5.00	4.53	91	76-134
1,2-Dichloroethane	5.00	4.21	84	58-143
Trichloroethene	5.00	4.44	89	71-143
1,2-Dichloropropane	5.00	4.42	88	59-138
Bromodichloromethane	5.00	4.20	84	63-139
cis-1,3-Dichloropropene	5.00	4.04	81	56-142
4-Methyl-2-pentanone	25.00	19.84	79	50-145
Toluene	5.00	5.10	102	70-137
trans-1,3-Dichloroprope	5.00	4.25	85	61-135
1,1,2-Trichloroethane	5.00	3.98	80	60-133
Tetrachloroethene	5.00	5.16	103	59-150
2-hexanone	25.00	21.32	85	50-142

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

* Values outside of QC limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VOZLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	5.00	4.18	84	69-136
Chlorobenzene	5.00	4.62	92	74-136
Ethylbenzene	5.00	5.34	107	63-136
Styrene	5.00	5.11	102	62-133
Bromoform	5.00	3.83	77	58-144
1,1,2,2-Tetrachloroetha	5.00	3.82	76	43-139
Xylene (total)	15.00	17.22	115	63-136

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

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VSQLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.00	5.01	100	50-141
Vinyl Chloride	5.00	4.67	93	49-142
Bromomethane	5.00	4.87	97	54-150
Chloroethane	5.00	4.27	85	61-150
1,1-Dichloroethene	5.00	4.91	98	50-150
Carbon disulfide	5.00	5.01	100	50-150
Acetone	25.00	17.36	69	50-142
Methylene Chloride	5.00	4.42	88	50-149
trans-1,2-Dichloroethen	5.00	5.20	104	60-143
Methyl-tert-butyl ether	5.00	5.17	103	50-150
1,1-Dichloroethane	5.00	5.35	107	63-140
cis-1,2-Dichloroethene	5.00	5.53	111	58-148
2-butanone	25.00	27.82	111	50-150
Chloroform	5.00	5.64	113	57-146
1,1,1-Trichloroethane	5.00	4.95	99	58-150
Carbon Tetrachloride	5.00	4.94	99	50-150
Benzene	5.00	5.20	104	76-134
1,2-Dichloroethane	5.00	5.34	107	58-143
Trichloroethene	5.00	4.95	99	71-143
1,2-Dichloropropane	5.00	5.46	109	59-138
Bromodichloromethane	5.00	5.63	113	63-139
cis-1,3-Dichloropropene	5.00	5.73	115	56-142
4-Methyl-2-pentanone	25.00	26.99	108	50-145
Toluene	5.00	4.54	91	70-137
trans-1,3-Dichloroprope	5.00	5.86	117	61-135
1,1,2-Trichloroethane	5.00	5.47	109	60-133
Tetrachloroethene	5.00	5.01	100	59-150
2-hexanone	25.00	27.13	108	50-142

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

* Values outside of QC limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VSQLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	5.00	6.13	123	69-136
Chlorobenzene	5.00	5.29	106	74-136
Ethylbenzene	5.00	5.62	112	63-136
Styrene	5.00	5.88	118	62-133
Bromoform	5.00	6.07	121	58-144
1,1,2,2-Tetrachloroetha	5.00	5.18	104	43-139
Xylene (total)	15.00	16.44	110	63-136

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

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS: _____

3A
WATER VOLATILE LAB CONTROL SAMPLE

VSRLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.00	5.31	106	50-141
Vinyl Chloride	5.00	6.48	130	49-142
Bromomethane	5.00	6.22	124	54-150
Chloroethane	5.00	4.88	98	61-150
1,1-Dichloroethene	5.00	3.95	79	50-150
Carbon disulfide	5.00	4.12	82	50-150
Acetone	25.00	23.60	94	50-142
Methylene Chloride	5.00	3.79	76	50-149
trans-1,2-Dichloroethen	5.00	4.55	91	60-143
Methyl-tert-butyl ether	5.00	4.85	97	50-150
1,1-Dichloroethane	5.00	4.78	96	63-140
cis-1,2-Dichloroethene	5.00	5.06	101	58-148
2-butanone	25.00	29.34	117	50-150
Chloroform	5.00	5.17	103	57-146
1,1,1-Trichloroethane	5.00	5.30	106	58-150
Carbon Tetrachloride	5.00	5.36	107	50-150
Benzene	5.00	4.74	95	76-134
1,2-Dichloroethane	5.00	5.52	110	58-143
Trichloroethene	5.00	4.94	99	71-143
1,2-Dichloropropane	5.00	4.73	95	59-138
Bromodichloromethane	5.00	5.78	116	63-139
cis-1,3-Dichloropropene	5.00	5.24	105	56-142
4-Methyl-2-pentanone	25.00	29.57	118	50-145
Toluene	5.00	4.44	89	70-137
trans-1,3-Dichloroprope	5.00	5.41	108	61-135
1,1,2-Trichloroethane	5.00	4.86	97	60-133
Tetrachloroethene	5.00	5.19	104	59-150
2-hexanone	25.00	32.67	131	50-142

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

* Values outside of QC limits

COMMENTS: _____

3A
WATER VOLATILE LAB CONTROL SAMPLE

VSRLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	5.00	5.73	115	69-136
Chlorobenzene	5.00	4.73	95	74-136
Ethylbenzene	5.00	4.92	98	63-136
Styrene	5.00	5.38	108	62-133
Bromoform	5.00	5.95	119	58-144
1,1,2,2-Tetrachloroetha	5.00	4.86	97	43-139
Xylene (total)	15.00	15.30	102	63-136

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

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VUALCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	5.00	5.17	103	50-150
Benzene	5.00	5.16	103	76-134
Trichloroethene	5.00	5.32	106	71-143
Toluene	5.00	5.98	120	70-137
Chlorobenzene	5.00	5.83	117	74-136

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

* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits

COMMENTS:

FORM III VOA-1

3A
WATER VOLATILE LAB CONTROL SAMPLE

VUBLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.00	4.92	98	50-141
Vinyl Chloride	5.00	5.51	110	49-142
Bromomethane	5.00	4.96	99	54-150
Chloroethane	5.00	4.91	98	61-150
1,1-Dichloroethene	5.00	4.27	85	50-150
Carbon disulfide	5.00	4.42	88	50-150
Acetone	25.00	23.63	94	50-142
Methylene Chloride	5.00	4.18	84	50-149
trans-1,2-Dichloroethen	5.00	4.61	92	60-143
Methyl-tert-butyl ether	5.00	4.08	82	50-150
1,1-Dichloroethane	5.00	4.82	96	63-140
cis-1,2-Dichloroethene	5.00	4.66	93	58-148
2-butanone	25.00	24.41	98	50-150
Chloroform	5.00	5.05	101	57-146
1,1,1-Trichloroethane	5.00	6.15	123	58-150
Carbon Tetrachloride	5.00	5.79	116	50-150
Benzene	5.00	4.79	96	76-134
1,2-Dichloroethane	5.00	4.98	100	58-143
Trichloroethene	5.00	4.55	91	71-143
1,2-Dichloropropane	5.00	4.59	92	59-138
Bromodichloromethane	5.00	4.67	93	63-139
cis-1,3-Dichloropropene	5.00	4.20	84	56-142
4-Methyl-2-pentanone	25.00	25.72	103	50-145
Toluene	5.00	5.11	102	70-137
trans-1,3-Dichloroprope	5.00	4.38	88	61-135
1,1,2-Trichloroethane	5.00	4.15	83	60-133
Tetrachloroethene	5.00	5.02	100	59-150
2-hexanone	25.00	22.69	91	50-142

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

* Values outside of QC limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VUBLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	5.00	4.27	85	69-136
Chlorobenzene	5.00	4.65	93	74-136
Ethylbenzene	5.00	5.06	101	63-136
Styrene	5.00	5.09	102	62-133
Bromoform	5.00	4.03	81	58-144
1,1,2,2-Tetrachloroetha	5.00	3.89	78	43-139
Xylene (total)	15.00	16.90	113	63-136

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

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VUYLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.00	3.68	74	50-141
Vinyl Chloride	5.00	3.98	80	49-142
Bromomethane	5.00	4.31	86	54-150
Chloroethane	5.00	4.13	83	61-150
1,1-Dichloroethene	5.00	4.29	86	50-150
Carbon disulfide	5.00	4.12	82	50-150
Acetone	25.00	20.57	82	50-142
Methylene Chloride	5.00	4.46	89	50-149
trans-1,2-Dichloroethen	5.00	4.39	88	60-143
Methyl-tert-butyl ether	5.00	5.08	102	50-150
1,1-Dichloroethane	5.00	4.67	93	63-140
cis-1,2-Dichloroethene	5.00	4.90	98	58-148
2-butanone	25.00	24.16	97	50-150
Chloroform	5.00	5.91	118	57-146
1,1,1-Trichloroethane	5.00	5.42	108	58-150
Carbon Tetrachloride	5.00	4.95	99	50-150
Benzene	5.00	4.42	88	76-134
1,2-Dichloroethane	5.00	5.54	111	58-143
Trichloroethene	5.00	4.20	84	71-143
1,2-Dichloropropane	5.00	4.71	94	59-138
Bromodichloromethane	5.00	5.07	101	63-139
cis-1,3-Dichloropropene	5.00	4.63	93	56-142
4-Methyl-2-pentanone	25.00	25.20	101	50-145
Toluene	5.00	4.28	86	70-137
trans-1,3-Dichloroprope	5.00	4.81	96	61-135
1,1,2-Trichloroethane	5.00	4.68	94	60-133
Tetrachloroethene	5.00	5.12	102	59-150
2-hexanone	25.00	22.94	92	50-142

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

* Values outside of QC limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VUYLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	5.00	4.74	95	69-136
Chlorobenzene	5.00	4.36	87	74-136
Ethylbenzene	5.00	4.55	91	63-136
Styrene	5.00	4.67	93	62-133
Bromoform	5.00	4.85	97	58-144
1,1,2,2-Tetrachloroetha	5.00	5.08	102	43-139
Xylene (total)	15.00	14.32	95	63-136

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

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKOZ

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Lab File ID: WG24977-2A71_Z Lab Sample ID: WG24977-2

Date Analyzed: 06/25/03 Time Analyzed: 0927

GC Column: SPB-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 5972HP71

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VOZLCS	WG24977-5	WG24977-5A71	1001
02	TRIP BLANK	Z2974-20	Z2974-20A71	1912
03	MIP-64-30	Z2974-1	Z2974-1A71	1937
04				
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COMMENTS:

FORM IV VOA

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKOZ

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG24977-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG24977-2A71_Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	3	J
75-09-2	Methylene Chloride	0.5	0.3	J
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.06	J
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKOZ

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG24977-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG24977-2A71_Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5		U

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKSQ

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Lab File ID: WG25091-1B73 Lab Sample ID: WG25091-1

Date Analyzed: 06/27/03 Time Analyzed: 2048

GC Column: ZB-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 5972HP73

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VSQLCS	WG25091-4	WG25091-4B73	2126
02	MIP-39-20	Z2974-8	Z2974-8R2B73	2159
03	MIP-35-60	Z2974-9	Z2974-9R2B73	2225
04	MIP-35-40	Z2974-10	Z2974-10R2B7	2252
05	MIP-51-50	Z2974-16	Z2974-16RB73	2318
06	MIP-51-40	Z2974-17	Z2974-17RB73	2345
07	MIP-51-25	Z2974-18	Z2974-18RB73	0012
08	EB-062003	Z2974-19	Z2974-19RB73	0038
09	MIP-65-55	Z2974-4	Z2974-4D2B73	0105
10	MIP-39-70DL	Z2974-6	Z2974-6D2B73	0131
11	MIP-39-60DL	Z2974-7	Z2974-7D2B73	0158
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COMMENTS:

FORM IV VOA

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSQ

Project: Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25091-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25091-1B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/27/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	2	J
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.06	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.1	J
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSQ

Project: Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25091-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25091-1B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/27/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5		U

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKSR

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Lab File ID: WG25091-2A73_TC3 Lab Sample ID: WG25091-2

Date Analyzed: 06/28/03 Time Analyzed: 1211

GC Column: ZB-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 5972HP73

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VSRLCS	WG25091-5	WG25091-5A73	1251
02	MIP-67-50	Z2974-13	Z2974-13D2A7	1331
03	MIP-67-40	Z2974-14	Z2974-14D2A7	1358
04	MIP-67-25	Z2974-15	Z2974-15D2A7	1424
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COMMENTS:

FORM IV VOA

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSR

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25091-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25091-2A73_TC3

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	3	
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.2	J
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSR

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25091-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25091-2A73_TC3

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/28/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5		U

FORM I VOA 8260B

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKUA

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Lab File ID: WG25121-1RB71 Lab Sample ID: WG25121-1

Date Analyzed: 06/25/03 Time Analyzed: 2152

GC Column: SPB-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 5972HP71

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VUALCS	WG25121-4	WG25121-4B71	2216
02	MIP-64-25	Z2974-2	Z2974-2B71	0207
03	MIP-65-25	Z2974-5	Z2974-5B71	0321
04	MIP-39-70	Z2974-6	Z2974-6B71	0345
05	MIP-39-60	Z2974-7	Z2974-7B71	0409
06	MIP-50-20	Z2974-11	Z2974-11B71	0547
07	MIP-53-25	Z2974-12	Z2974-12B71	0612
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COMMENTS:

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKUA

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25121-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25121-1RB71

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	3	J
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	0.6	J
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.06	J
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKUA

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25121-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25121-1RB71

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5		U

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKUB

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Lab File ID: WG25121-2A71_Z Lab Sample ID: WG25121-2

Date Analyzed: 06/26/03 Time Analyzed: 0917

GC Column: SPB-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 5972HP71

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VUBLCS	WG25121-5	WG25121-5A71	0952
02	MIP-64-30DL	Z2974-1	Z2974-1D2A71	1448
03	MIP-64-25DL	Z2974-2	Z2974-2DA71	1512
04	MIP-65-65	Z2974-3	Z2974-3DA71	1537
05				
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COMMENTS:

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKUB

Project: Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25121-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25121-2A71_Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	3	
75-09-2	Methylene Chloride	0.5	0.3	J
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.08	J
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKUB

Project: Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25121-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25121-2A71_Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5		U

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKUY

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Lab File ID: WG25184-1B71Z Lab Sample ID: WG25184-1

Date Analyzed: 06/26/03 Time Analyzed: 2131

GC Column: SPB-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 5972HP71

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VUYLCS	WG25184-4	WG25184-4B71	2204
02	MIP-65-25DL	Z2974-5	Z2974-5DB71	0040
03	MIP-53-25RE	Z2974-12	Z2974-12RB71	0331
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COMMENTS:

FORM IV VOA

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKUY

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25184-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25184-1B71Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	3	
75-09-2	Methylene Chloride	0.5	0.2	J
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.07	J
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKUY

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: Z2974

Matrix: (soil/water) WATER Lab Sample ID: WG25184-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25184-1B71Z

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/26/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5--------	Styrene	0.5		U
75-25-2---------	Bromoform	0.5		U
79-34-5---------	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7-------	Xylene (total)	0.5		U

COMPUCHEM
a division of Liberty Analytical Corp.

June 18, 2003

1 TCLP Metal on line

Earth Tech
~~CHRYSLER~~ 6/18/03
36133 Schoolcraft Road
Attn Justin Kelley
Livonia, MI 48150

Subject
Report of Data – Project: ET03031 Quote #: Q2974 SDG # V2974

Attn. Earth Tech

Enclosed are the results of analytical work performed in accordance with the referenced account number.

This report covers sample(s) appearing on the attached listing.

Thank you for selecting CompuChem for your sample analysis. If you should have questions or require additional analytical services, please contact your representative at 1-800-833-5097

Sincerely,

CompuChem
A Division of Liberty Analytical

Attachment

TOTAL NUMBER OF PAGES 14

501 Madison Avenue ■ Cary, N C 27513 ■ Tel 919-379-4100 ■ Fax. 919-379-4050

SAMPLENUM	CLIENTID	QUOTENUMREF	LOGINNUM	MATNUM	ACCTNUM	PROJECTNUM	RECEIVEDATE
V2974-1	WMSOIL-051303-001	Q2974	V2974	SO	CHRYSLER	ET03031	6/12/03
V2974-1	WMSOIL-051303-001	Q2974	V2974	WA	CHRYSLER	ET03031	6/12/03

SW846 METALS

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: V2974

SOW No.: SW846

EPA Sample No.	Lab Sample ID.
LEACH BLK 2	WG24851-2
WMSOIL-051303-001	V2974-1

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments: _____

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

Signature: Mary K Powell Name: Mary K. Powell

Date: June 18, 2003 Title: Data Reviewer II

CompuChem
A Division of Liberty Analytical Corp.
501 Madison Avenue Cary, NC 27513

INORGANIC CASE SUMMARY NARRATIVE
SDG # V2974
PROTOCOL #SW-846

The indicated Sample Delivery Group (SDG) consisting of one (1) soil sample was received into the laboratory management system (LIMS) on June 12,2003 intact and in good condition with Chain of Custody in order. Sample ID's reported in this data package are noted by the receiving department on the COC if they differ from those listed by the samplers on the COC

The sample was analyzed for the TCLP list (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) using analytical methods delineated in SW-846 (Update III)

SAMPLE IDs:

The cover page contained in this package lists the client ID's and the associated CompuChem numbers which are part of this SDG.

INSTRUMENTAL QUALITY CONTROL:

All calibration verification solutions (ICV, CCV), blanks (ICB, CCB) and interference check samples (ICSA & ICSAB) associated with this data were confirmed to be within SW-846 allowable limits

SAMPLE PREPARATION QUALITY CONTROL:

The sample preparation procedure verifications (LCSW & PBW) were found to be within acceptable ranges. All field samples were prepared and analyzed within the contract specified holding times

MATRIX RELATED QUALITY CONTROL:

The sample matrix quality control was not requested on this SDG An LCS was performed

Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature

Mary K Powell
Data Reviewer II
June 18, 2003

Note This report is paginated for reference and accountability

DATA REPORTING QUALIFIERS FOR INORGANICS

On Form I under the column labeled "C" for concentration qualifier and "Q" for qualifier each result is flagged with the specific data reporting qualifiers listed below as appropriate. Up to five qualifiers may be reported on Form I for each analyte.

The C (concentration) qualifiers used are:

U: This flag indicates the analyte was analyzed for but not detected. This reported value was obtained from a reading that was less than the Instrument Detection Limit (IDL). The IDL will be adjusted to reflect any dilution and, for soils, the percent moisture.

B: This flag indicates the analyte was analyzed for and the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

The Q qualifiers used are:

E: This flag indicates an estimated value. This flag is used:

When the serial dilution (a five fold dilution for CLP and a five fold dilution for SW-846 method 6010B) results are not within 10%. (The analyte concentration must be sufficiently high (minimally a factor of 50X above the IDL in the original sample).

N: This flag indicates the sample spike recovery is outside of control limits.

*: This flag is used for duplicate analysis when the sample and the sample duplicate results are not within control limits.

The extensions: D, S, SD, L, A, added to the end of the client ID represent as follows:

D	matrix duplicate
S	matrix spike
SD	matrix spike duplicate
L	serial dilution
A	post digestion spike

Method Codes

P	ICP PLASMA
CV	MERCURY COLD VAPOR AA
CA	MIDI-DISTILLATION SPECTROPHOTOMETRIC

Re-rec'd

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: EARTH TECH/CHRYSLER	Rec'd Date: 6/12/03	PPS/RFA ET03031
Project: DAYTON THERMAL	Courier: Fed EX	Lab Instructions
Quote: Q2974	Airbill No: 831886815827	TCLP Metals
Login No: V2974		
Subcontract? Y / N		
TAT Verbal Report 6 days		

4

Cooler Rec'd By:	
Sample Login By:	
Temperature: 5.1 °C	
Cyanide Samples checked for sulfide & chlorine? Y / NA	
Phenol Samples checked for chlorine? Y / NA	
Received in Good Condition? Y / N	
If no, explain:	

Parameters: TCLP Metals

CompuChem ID	Client ID	QC	Matrix	Date 2003	Military Time	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
V2974-1	WMSOIL-051303-001		SOIL	5/13	11 30	1-4oz															

6/12/03

Container Type Abbreviations: 40ml (40ml vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER

DAIMLERCHRYSLER

Chain-of-Custody

№ 00357 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number (919) 379-4100 Fax Number (919) 379-4040	Project Name: DCX - DAYTON THERMAL Site Location: DAYTON, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: GARY STANCZUK	Consultant: EARTH TECH Address: 4135 TECHNOLOGY PARKWAY SHEBOYGAN, WI. 53083 Consultant PM: ROB STENSON Phone: 920-451-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
7 calendar days
14 calendar days

Data Package Deliverables (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	METALS (2-4oz Jars)	VOCs [BTEX] (1-2oz)	VOCs (5g Encore)							Remarks
WMSOIL-051303-001	5/13/03	11:30AM	G	S	6	2	1	3							
															Per Lisa Smith (on 6/12/03) "WMSOIL-051303-001" re-rec'd @ CompuChem for TCLP Metals 6/12/03

Sampler(s): SC	Cooler ID #			Samples Relinquished under Airbill No			Temperature (corrected) 5.7 °C
	Relinquished by: STEVE CERVI	Date: 5/13/03	Time: 6:30 PM	Received by:	Date	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time	Received for Laboratory by: Graeme Bailey	Date 5-14-03	Time: 10:00	Custody Seal Intact? Yes No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy Data package; Yellow Retained by laboratory; Pink Retained by sampler

Revision No 3
Created July 9, 1999

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 12, 2003 *03 35 PM*

Login Number: V2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
V2974-1	WMSOIL-051303-001	13-MAY-03	12-JUN-03	3	18-JUN-03	RFA ET03031**TCLP METALS**LCS ONLY
Water	6 TCLP METALS	Hold: 27-MAY-03				
Soil	6 TCLP PREP EXTRACT	Hold:	4oz jar	1	Bottles	

Signature : Cathy Dore

Date : 6/12/03

Cathy Dover

From: Smith, Lisa [Lisa.Smith@earthtech.com]
Sent: Thursday, June 12, 2003 1:04 PM
To: 'Cathy Dover'
Cc: Stenson, Rob
Subject: RE: RFA ET03031 Dayton

7-day sounds good.

Lisa

-----Original Message-----
From: Cathy Dover [mailto:cdover@compuchemlabs.com]
Sent: Thursday, June 12, 2003 12:01 PM
To: 'Smith, Lisa'
Subject: RE: RFA ET03031 Dayton

Hi Lisa,

I will schedule the TCLP Metals for this sample ID today What TAT do you need on this? (We could do a 7 day TAT).

Cathy

Cathy Dover
Senior Project Manager
CompuChem a Division of Liberty Analytical
919-379-4089
919-379-4040 Fax
cdover@compuchemlabs.com

**********NOTICE**********

"This e-mail and any information contained or attached to this email are privileged and confidential and proprietary information intended only/solely for the individual or entity to whom it is addressed. It is a PRIVATE email message and the sender does not waive any related rights and obligations. Any distribution, use or copying of this e-mail or the information it contains by other than mail. Kindly notify the sender immediately by e-mail if you have received this e-mail in error or by mistake. You are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited."

-----Original Message-----
From: Smith, Lisa [mailto:Lisa.Smith@earthtech.com]
Sent: Thursday, June 12, 2003 12:24 PM
To: Cathy Dover (E-mail)
Cc: Stenson, Rob
Subject: RFA ET03031 Dayton

For sample WMSOIL-051303-001, please run TCLP metals.

Thanks,

Lisa Smith
Environmental Chemist

EarthTech
4135 Technology Parkway
Sheboygan, WI 53083
Phone (920) 451-2640
Fax (920) 458-0550
mailto Lisa Smith@EarthTech com

SW846 METALS
-1-
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
LEACH BLK 2

Lab Name: COMPUCHEM Contract:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: V2974

Matrix (soil/water): WATER Lab Sample ID: WG24851-2

Level (low/med): LOW Date Received: 6/13/03

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	2.2	U		P
7440-39-3	Barium	0.57	B		P
7440-43-9	Cadmium	0.20	U		P
7440-47-3	Chromium	1.5	B		P
7439-92-1	Lead	1.4	U		P
7439-97-6	Mercury	0.10	U		CV
7782-49-2	Selenium	6.0	B		P
7440-22-4	Silver	0.90	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

SW846 METALS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
WMSOIL-051303-001

Lab Name: COMPUCHEM Contract:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: V2974

Matrix (soil/water): WATER Lab Sample ID: V2974-1

Level (low/med): LOW Date Received: 6/12/03

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.6	B		P
7440-39-3	Barium	1070	B		P
7440-43-9	Cadmium	73.3	B		P
7440-47-3	Chromium	4.9	B		P
7439-92-1	Lead	272	B		P
7439-97-6	Mercury	0.10	U		CV
7782-49-2	Selenium	14.9	B		P
7440-22-4	Silver	.0.90	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

SW846 METALS

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BLANKS

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: V2974

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	2.2	U	2.2	U	2.2	U	2.2	U	2.200	U	P
Barium	0.2	U	0.5	B	0.2	B	0.2	B	0.200	U	P
Cadmium	-0.2	B	0.4	B	0.2	U	0.3	B	0.200	U	P
Chromium	0.6	U	0.6	U	0.6	U	0.6	U	0.600	U	P
Lead	1.4	U	1.4	U	1.7	B	1.4	U	1 400	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.100	U	CV
Selenium	3.6	B	2.6	B	2.8	B	2.3	U	2.300	U	P
Silver	0.9	U	-1.0	B	-1.4	B	0.9	U	0.900	U	P

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LABORATORY CONTROL SAMPLE

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: V2974

Solid LCS Source: _____

Aqueous LCS Source: HIPUR

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits	%R
Arsenic	5000.0	4837.74	96.8					
Barium	100000.0	107183.20	107.2					
Cadmium	1000.0	975.56	97.6					
Chromium	5000.0	5021.74	100 4					
Lead	5000.0	4880.89	97.6					
Mercury	200.0	219.55	109.8					
Selenium	1000.0	917.93	91.8					
Silver	1000.0	1029.75	103.0					

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: V2974

ICP ID Number: P3 Date: 4/15/03

Flame AA ID Number: _____

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Arsenic	189.04		2500	2.2	P
Barium	493.41		50000	0.2	P
Cadmium	226.50		500	0 2	P
Chromium	267.72		2500	0.6	P
Lead	220.35		2500	1.4	P
Selenium	196.02		500	2.3	P
Silver	328.07		500	0.9	P

Comments: _____

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INSTRUMENT DETECTION LIMITS (QUARTERLY)

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: V2974

ICP ID Number: _____ Date: 4/15/03

Flame AA ID Number: V3

Furnace AA ID Number: _____

Analyte	Wave-length (nm)	Back-ground	CRDL (ug/L)	IDL (ug/L)	M
Mercury	253.70		100.0	0.10	CV

Comments: _____

COMPUCHEM

a division of Liberty Analytical Corp.

May 27, 2003

1 Metal Soil

Earth Tech
~~CHRYSLER~~ 5/27/03
36133 Schoolcraft Road
Attn: Justin Kelley
Livonia, MI 48150

See BIK

on time 14day

Subject:
Report of Data – Project E103031 Quote # Q2974 SDG # R2974

Attn.: Earth Tech

Enclosed are the results of analytical work performed in accordance with the referenced account number

This report covers sample(s) appearing on the attached listing

Thank you for selecting CompuChem for your sample analysis. If you should have questions or require additional analytical services, please contact your representative at 1-800-833-5097

Sincerely,

CompuChem
A Division of Liberty Analytical

TOTAL NUMBER OF PAGES 9

Attachment

501 Madison Avenue ■ Cary, N.C 27513 ■ Tel 919-379-4100 ■ Fax 919-379-4050

SAMPLENUM	CLIENTID	QUOTENUMREF	LOGINNUM	MATNUM	ACCTNUM	PROJECTNUM	RECEIVEDATE
R2974-1	WMSOIL-051303-001	Q2974	R2974	SO	CHRYSLER	ET03031	5/14/03

SW846 METALS

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R2974

SOW No.: SW846

EPA Sample No.	Lab Sample ID.
WMSOIL-051303-001	R2974-1

Were ICP interelement corrections applied? Yes/No YES

Were ICP background corrections applied? Yes/No YES

If yes-were raw data generated before application of background corrections? Yes/No NO

Comments: _____

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

Signature: Mary K Powell Name: Mary K. Powell

Date: May 20, 2003 Title: Data Reviewer II

CompuChem
a Division of Liberty Analytical Corp.
501 Madison Avenue Cary, NC 27513

SDG NARRATIVE
SDG # R2974
CONTRACT # SW846

The indicated Sample Delivery Group (SDG) consisting of one (1) soil sample was received into the laboratory information management system (LIMS) on May 14, 2003 intact and in good condition with Chain of Custody (COC) Records in order, unless otherwise noted in any attachments or Quality Assurance Notices. Sample ID's reported in this data package are noted by the receiving department on the COC if they differ from those listed by the samplers on the COC.

The samples were analyzed, in accordance with Statement of Work (SOW) document SW846 update III for the RCRA list (arsenic, barium, cadmium, chromium lead, mercury, selenium and silver)

SAMPLE IDs:

The cover page contained in this package lists the client ID's and the associated CompuChem numbers which are part of this SDG.

INSTRUMENTAL QUALITY CONTROL:

All calibration verification solutions (ICV & CCV), blanks (ICB, & CCB), and interference check samples (ICSA & ICSAB) associated with this data were confirmed to be within EPA CLP allowable limits

SAMPLE PREPARATION QUALITY CONTROL:

The sample preparation procedure verifications (LCSS & PBS) were found to be within acceptable ranges and all field samples were prepared and analyzed within the contract specified holding times.

COMPUCHEM utilizes a soil Laboratory Control Sample (LCS) purchased from Environmental Resources Associates (ERA). With each lot of soil LCS material purchased, a certification document is included which provides Performance Acceptance Limits ™ (PAL ™). The limits are listed as guidelines for acceptable results and closely approximate the 95% confidence interval. As with any LCS, it is a QC measure used to demonstrate control and any results, which are outside the acceptance criteria, require corrective action up to and including redigesting and reanalyzing the entire sample preparation batch.

MATRIX RELATED QUALITY CONTROL:

The sample matrix quality control was not requested on this SDG. An LCS was performed.

The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Mary K Powell
Data Reviewer II
May 20, 2003

DATA REPORTING QUALIFIERS FOR INORGANICS

On Form I under the column labeled 'C' for concentration qualifier and 'Q' for qualifier each result is flagged with the specific data reporting qualifiers listed below as appropriate. Up to five qualifiers may be reported on Form I for each analyte.

The C (concentration) qualifiers used are:

U: This flag indicates the analyte was analyzed for but not detected. This reported value was obtained from a reading that was less than the Instrument Detection Limit (IDL). The IDL will be adjusted to reflect any dilution and for soils the percent moisture.

B: This flag indicates the analyte was analyzed for and the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).

The Q qualifiers used are:

E: This flag indicates an estimated value. This flag is used

1. When the serial dilution (a five fold dilution for CLP and a five fold dilution for SW-846 method 6010B) results are not within 10%. The analyte concentration must be sufficiently high (minimally a factor of 50X above the IDL in the original sample).

N: This flag indicates the sample spike recovery is outside of control limits.

***:** This flag is used for duplicate analysis when the sample and the sample duplicate results are not within control limits.

The extensions: D, S, SD, L, A, added to the end of the client ID represent as follows:

D	matrix duplicate
S	matrix spike
SD	matrix spike duplicate
L	serial dilution
A	post digestion spike

Method Codes:

P	ICP PLASMA
CV	MERCURY COLD VAPOR AA
CA	MIDI-DISTILLATION SPECTROPHOTOMETRIC

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: Earth Tech / Chrysler
Project: Dayton Thermal Metals & Soils
Quote: 2977
Login No.: 21074
Subcontract? Y / (N)
RAT Verbal ____ Report 13 days

Rec'd Date: 5-10-03
Courier: FedEx
Airbill No.: 5 3188 6815 8227

PPS/RFA: ETU3031

Lab Instructions

Cooler Rec'd By: J. J. Bailey
Sample Login By: [illegible]
Temperature: 5.7 °C
Cyanide Samples checked for sulfide & chlorine? Y / (NA)
Phenol Samples checked for chlorine? Y / (NA)
Received in Good Condition? (Y) / N
If no, explain:

CompuChem ID	Client ID	QC	Matrix	Date 2003	Military Time	Parameters: Metals		~~VOC BTEX~~ % Moist.		VOC BTEX											
						No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
201 1-1	WMS01L-051303-001		SO	5/13	11:30AM	2-4oz		1-2oz		3-5g Encore											

5/14/03

Container Type Abbreviations: 40ml (40ml Vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER ____

DAIMLERCHRYSLER

Chain-of-Custody

№ 00357 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number (919) 379-4100 Fax Number (919) 379-4040	Project Name: DCX - DAYTON THERMAL Site Location: DAYTON, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: GARY STANCZUK	Consultant: EARTH TECH Address: 4135 TECHNOLOGY PARKWAY SHEBOYGAN, WI. 53083 Consultant PM: ROB STENSON Phone: 920-451-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
- 24 calendar hrs
- 48 calendar hrs
- (7 calendar days)
- 14 calendar days

Data Package Deliverables: (circle)
- (DaimlerChrysler Level 1)
- DaimlerChrysler Level 2
- CLP

Matrix Codes
- S - Soil
- SW - Surface Water
- GW - Groundwater
- A - Air
- Sed - Sediment
- O - Other (specify) _____

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	METALS (2-4oz JARS)	VOCs [BTEX] (1-2oz)	VOCs (5g ENCORE)							Remarks
WMSOIL-051303-001	5/13/03	11 30AM	G	S	6	2	1	3							

Sampler(s): SC	Cooler ID #:			Samples Relinquished under Airbill No:			Temperature (corrected) 5.7 °C
	Relinquished by: STEVE CERVI	Date: 5/13/03	Time: 6:30 pm	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RI sampling complete? Yes (No)	Relinquished by:	Date:	Time:	Received for Laboratory by: Yvonne Bailey	Date: 5-14-03	Time: 10:00	Custody Seal Intact? (Yes) No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy - Data package; Yellow - Retained by laboratory; Pink - Retained by sampler

Revision No. 3
Created July 9, 1999

COMPUCHEM

Login Chain of Custody Report (ln01)

May. 14, 2003 *04 41 PM*

Login Number: R2974

Account: CHRYSLER — Chrysler

Project: ET03031 — Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number		Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
R2974-1		WMSOIL-051303-001	13-MAY-03	14-MAY-03	3	27-MAY-03	RFA ET03031**VOC 8260B BTEX ONLY**RCRA METALS**LCS ONLY
Soil	S	%MOISTURE-UNDECA Hold	27-MAY-03	2oz jar	1	Bottles	
Soil	S	METALS-7471A/6010B Hold	10-JUN-03	4oz jar	2	Bottles	
Soil	S	VOA-LL-8260B-ENCOR Hold	27-MAY-03	40ml vial-5g encore	3	Bottles	

Signature : _____

Date : 5/14/03

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SW846 METALS
-1-

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
WMSOIL-051303-001

Lab Name: COMPUCHEM Contract:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: R2974

Matrix (soil/water): SOIL Lab Sample ID: R2974-1

Level (low/med): LOW Date Received: 5/14/03

% Solids: 87.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	7.2			P
7440-39-3	Barium	131			P
7440-43-9	Cadmium	2.0			P
7440-47-3	Chromium	22.7			P
7439-92-1	Lead	259			P
7439-97-6	Mercury	0.84			CV
7782-49-2	Selenium	0.75			P
7440-22-4	Silver	0.10	U		P

Color Before: BROWN Clarity Before: Texture: COARSE

Color After: YELLOW Clarity After: Artifacts:

Comments:

SW846 METALS

3

BLANKS

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R2974

Preparation Blank Matrix (soil/water): SOIL

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Arsenic	2.2	U	2.2	U	2.2	U	2.2	U	0.220	U	P
Barium	0.2	U	0.2	U	0.2	B	0.2	U	0.020	U	P
Cadmium	0.2	U	0.2	U	0.2	U	0.2	B	0.020	U	P
Chromium	0.6	U	0.6	U	0.6	U	0.6	U	0.060	U	P
Lead	1.4	U	1.4	U	1.4	U	1.4	U	0.140	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.017	U	CV
Selenium	3.3	B	2.3	U	2.3	U	2.3	U	0.377	B	P
Silver	0.9	U	0.9	U	0.9	U	0.9	U	0.090	U	P

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LABORATORY CONTROL SAMPLE

Lab Name: COMPUCHEM Contract: _____

Lab Code: LIBRTY Case No.: _____ SAS No.: _____ SDG No.: R2974

Solid LCS Source: EPA

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Aqueous (ug/L) Found	Aqueous (ug/L) %R	Solid (mg/kg) True	Solid (mg/kg) Found	C	Limits		%R
Arsenic				136.0	117.63		101.0	171.0	86.5
Barium				124.0	132.50		95.3	152.0	106.9
Cadmium				118.0	107.79		90.4	145.0	91.3
Chromium				89.3	79.88		71.3	107.0	89.5
Lead				138.0	122.26		105.0	170.0	88.6
Mercury				2.5	2.3		1.7	3.3	92.0
Selenium				87.6	76.43		64.9	110.0	87.2
Silver				119.0	117.33		88.8	150.0	98.6

COMPUCHEM

a division of Liberty Analytical Corp.

June 18, 2003

Earth Tech
~~CHRYSLER~~ 8/15/03
36133 Schoolcraft Road
Attn. Justin Kelley
Livonia, MI 48150

7 VOAs
- 8mil

Subject
Report of Data – Project ET03031 Quote #: Q2974 SDG #: W2974

Attn.: Earth Tech

Enclosed are the results of analytical work performed in accordance with the referenced account number

This report covers sample(s) appearing on the attached listing.

Thank you for selecting CompuChem for your sample analysis. If you should have questions or require additional analytical services, please contact your representative at 1-800-833-5097

Sincerely,

Cary Dorey

CompuChem
A Division of Liberty Analytical

Attachment

TOTAL NUMBER
OF PAGES 32

501 Madison Avenue ■ Cary, N C 27513 ■ Tel 919-379-4100 ■ Fax 919-379-4050

SAMPLENUM	CLIENTID	QUOTENUMREF	LOGINNUM	MATNUM	ACCTNUM	PROJECTNUM	RECEIVEDATE
W2974-3	MIP-47-33	Q2974	W2974	WA	CHRYSLER	ET03031	6/14/03
W2974-2	MIP-47-53	Q2974	W2974	WA	CHRYSLER	ET03031	6/14/03
W2974-1	MIP-47-73	Q2974	W2974	WA	CHRYSLER	ET03031	6/14/03
W2974-6	MIP-52-33	Q2974	W2974	WA	CHRYSLER	ET03031	6/14/03
W2974-5	MIP-52-43	Q2974	W2974	WA	CHRYSLER	ET03031	6/14/03
W2974-4	MIP-52-73	Q2974	W2974	WA	CHRYSLER	ET03031	6/14/03
W2974-7	TRIP BLANK1	Q2974	W2974	WA	CHRYSLER	ET03031	6/14/03

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG #W2974

SAMPLE IDENTIFICATIONS: MIP-47-73 MIP-47-53 MIP-47-33 MIP-52-73 MIP-52-43 MIP-52-33 TRIP BLANK1

The seven water samples listed above were received intact at 2 0 degrees C, with proper documentation, in sealed shipping containers, on June 14, 2003. All samples were submitted for volatile only analysis, and were prepared and analyzed following SW846 Method 8260B. All pertinent Quality Assurance Notices are included in the narrative section, and all pertinent Laboratory Notices for SDG # W2974 are included in the sample data sections.
Analysis holding time requirements were met for all of these samples, and sample pH values were only less than 2.0 for TRIP BLANK1

The volatile target analytes acetone, 2-butanone, toluene, 1,1-dichloroethane, trichloroethene, total xylenes, and tetrachloroethene were the most frequently identified above the reporting limits in the submitted samples.

No Tentatively Identified Compounds (TICs) were searched per client request.

All Bromofluorobenzene (BFB) abundance criteria were met for tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration standards associated to this SDG.

All of the system monitoring compounds(SMCs) met recovery criteria in the analyses of these samples, and all of the internal standards met response and retention time criteria in the analyses of these samples.

The associated method blank met all QC criteria, and did not contain any target analytes above the reporting limits.
No matrix spikes were generated as requested, and the associated Laboratory Control Sample (LCS) met all accuracy criteria.

Manual Quantitations were performed on some of the process files in the asssociated initial and continuing calibrations. The reasons have been coded with explanations provided in the notice included in the narrative section of this SDG.

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

Roy Sutton
Case Reviewer
June 18, 2003

CompuChem
a Division of Liberty Analytical Corp

GC/MS VOA Batch Sheet - Water

IP 250/460/462/475/480B/483

Method 8260B - 25ml

Batch # 2

SAMPLENUM	CLIENTID	LOGINNUM	pH	Time	Date	INST #	Operator	H/T	Volume	Bottle #	Report	Comments
W2974-1	MIP-47-73	W2974	7	1958	6-16-03	61	2473		25ml	1	✓	
W2974-2	MIP-47-53	W2974	7	2018						1	✓	
W2974-3	MIP-47-33	W2974	7	2038						1	✓	
W2974-4	MIP-52-73	W2974	7	2058						1	✓	
W2974-5	MIP-52-43	W2974	7	2119						1	✓	
W2974-6	MIP-52-33	W2974	7	2139						1	✓	
W2974-7	TRIP BLANK1	W2974	1	2159						1	✓	
WG24900-1	VBLKMW											
WG24900-2	VBLKMX											
WG24900-3	VBLKMY											
WG24900-4	VMWLCS											
WG24900-5	VMXLCS											
WG24900-6	VMYLCS											

TCL3 CT + MTBE

HT 6/27

A.r 1.20

6/27/01 rmh

COMPUCHEM

Work Group Report (wk02)

16-JUN-03 10 21 AM

Work Group: WG24900
Department: 435 MS/VOA ANALYSIS **Created:** 16-JUN-03

Sample	Client ID	Product	Matrix	RecvDate	Bottle#	Lab Information
W2974-1	MIP-47-73	VOA-8260B-25ML	Water	14-JUN-03		
W2974-2	MIP-47-53	VOA-8260B-25ML	Water	14-JUN-03		
W2974-3	MIP-47-33	VOA-8260B-25ML	Water	14-JUN-03		
W2974-4	MIP-52-73	VOA-8260B-25ML	Water	14-JUN-03		
W2974-5	MIP-52-43	VOA-8260B-25ML	Water	14-JUN-03		
W2974-6	MIP-52-33	VOA-8260B-25ML	Water	14-JUN-03		
W2974-7	TRIP BLANK1	VOA-8260B-25ML	Water	14-JUN-03		
WG24900-1	VBLKMW	VOA-8260B-25ML	Water	16-JUN-03		
WG24900-2	VBLKMX	VOA-8260B-25ML	Water	16-JUN-03		
WG24900-3	VBLKMY	VOA-8260B-25ML	Water	16-JUN-03		
WG24900-4	VMWLCS	VOA-8260B-25ML	Water	16-JUN-03		
WG24900-5	VMXLCS	VOA-8260B-25ML	Water	16-JUN-03		
WG24900-6	VMYLCS	VOA-8260B-25ML	Water	16-JUN-03		

Comments

W2974-1	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY
W2974-2	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY
W2974-3	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY
W2974-4	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY
W2974-5	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY
W2974-6	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY
W2974-7	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY

Internal Chain of Custody

Relinquished By	cooler 26	Date 6-16	Received By	M Z	Date 1600	Reason	Analysis
Relinquished By	M Z	Date 6-16	Received By	cooler 26	Date 1800	Reason	storage
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	

GC and GC/MS Column and Trap Specifications Table

COLUMNS

Brand Name	Coating Material	ID (mm)	Film Thickness (um)	Length (m)
GC Laboratory				
Restek	RTX-1701	0.53	0.5	30
J & W	DB-608	0.53	0.83	30
Restek	CLPesticides	0.53	0.5	30
Restek	CLPesticides II	0.53	0.42	30
GC Volatiles Laboratory				
Restek	RTX-1	0.53	0.5	105
Restek	RTX-502.2	0.53	0.5	105
GC/MS Volatiles Laboratory				
J & W	DB-624	0.53	3.0	30/75
J & W	DB-624	0.25	1.4	60
J & W	DB-624	0.32	1.8	60
Restek	RTX-624	0.32	1.8	60
Restek	RTX-VMS*	0.18	1.0	20
Supelco	SPB-624	0.32	1.4	60
Supelco	Equity™-624	0.53	3.0	75
Zebron	ZB-624	0.32	1.8	60
GC/MS Semivolatiles Laboratory				
Restek	RTX-5MS	0.25	0.25	30
Restek	RTX-5MS	0.32	0.25	30
HPLC Laboratory				
Supelco	Supelcosil LC-PAH	4.6	5.0	15 cm
Supelco	Discovery RP Amide C16	4.6	5.0	25 cm
Restek	Pinnacle Cyano	4.6	5.0	25 cm
Restek	Allure C18	4.6	5.0	25 cm

*Note: The RTX-VMS column is currently not used for EPA CLP analyses.

TRAPS

GC and GC/MS Volatiles Laboratory	
Tekmar 3	* 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Tekmar 5	* 1 cm of methyl silicone packing (OV-1 coating) * 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Supelco K (Vocarb3000)	* 10 cm of Carbopack B (Graphitized Carbons) * 6 cm of Carboxen 1000 (Carbon molecular sieves) * 1 cm of Carboxen 1001 (Carbon molecular sieves)

Notification Regarding Manual Editing/Integration Flags

In some instances, manual adjustments to the software output are necessary to provide accurate data. These manual integrations are performed by the data reviewers, GC/MS operators, or GC chemists. An Extracted Ion Current Profile (EICP) or a GC chromatographic peak has been provided for the manual integration performed on each compound to demonstrate the accuracy of that process The manual integrations are flagged on the quantitation report in the far right column beyond the FINAL concentration for GC/MS analysis, and in the "Flags" column for GC analysis The manual editing/integration flags are:

M - Denotes that a manual integration has been performed for this compound. The manual integration was performed in order to provide the most accurate area count possible for the peak

H - Denotes that the data reviewer, GC/MS operator, or GC Chemist has chosen an alternate peak within the retention time window from that chosen by the software for that compound. No manual integration is performed in choosing an alternate peak. The software still performs the integration.

MH - Denotes that an alternate peak has been chosen within the retention time window from that chosen by the software for that compound and also a manual integration of the chosen peak has been performed The manual integration was performed in order to provide the most accurate area count possible for the peak.

L - Denotes that a data reviewer or GC/MS operator has selected an alternate library search. This is typically done when an additional tentatively identified compound (TIC) has been added to the number of peaks searched. No manual integration is performed in choosing an alternate peak The software still performs the integration.

ML - Denotes that an alternate library search has been selected and a manual integration has also been performed. This is typically done when an additional TIC has been added and the TIC peak also required a manual integration.

The EPA CLP SOW documents require additional explanations for manual editing/integration. In the accompanying raw data packages, additional codes have been applied to the "M" flag and carry the following meanings,

M1 - The compound was not found by the automatic integration routine.

M2 - The compound was incorrectly integrated by the automatic integration routine

M3 - The co-eluting compounds were incorrectly integrated by the automatic integration routine

These codes will appear in the GC/MS and GC data packages.

Robert E. Meierer
Vice President

DATA REPORTING QUALIFIERS

On the Form I, under the column labeled "Q" for qualifier, each result is flagged with the specific data reporting qualifiers listed below, as appropriate. Up to five qualifiers may be reported on Form I for each compound. The qualifiers used are:

U : This flag indicates the compound was analyzed for but not detected. The Contract Required Quantitation Limit (CRQL), or reporting limit, will be adjusted to reflect any dilution and, for soils, the percent moisture.

J : This flag indicates an estimated value. The flag is used as detailed below:

1. When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1.0 is assumed for the TIC analyte,

2. When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero, and

3. When the retention time data indicate the presence of a compound that meets the pesticide/Aroclor or other GC or HPLC identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero. For example, if the CRQL (or Reporting Limit) is 10 µg/L, but a concentration of 3 µg/L is calculated, it is reported as 3J.

N : This flag indicates presumptive evidence of a compound. This flag is only used for TICs, where the identification is based on a mass spectral library search. For generic characterization of a TIC such as 'chlorinated hydrocarbon', the N flag is not used.

P : In the EPA's Contract Laboratory Program (CLP), this flag is used for a pesticide/Aroclor target analyte, when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a P.
For SW-846 GC and HPLC analyses, when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences, then the higher of the two values is reported and flagged with a P. When the RPD is equal to or less than 40%, our policy is to also report the higher of the two values, although the choice could be a project specific issue. For certain HPLC analyses, if one of the HPLC columns displays co-elution of target analytes, all results are reported from a primary column displaying no co-elution. Results are still flagged with a P if the RPD between columns is greater than 40%.

DATA REPORTING QUALIFIERS (continued)

C : This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, this flag is not applied; a laboratory-defined flag is used instead (see the X/Y/Z qualifier.)

B : This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound. The combination of flags BU or UB is not an allowable policy. Blank contaminants are flagged B only when they are detected in the sample.

E : This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of the calibration range, the sample or extract will be diluted and reanalyzed. All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form I for the original analysis.

D : If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exceeds the upper calibration range, the DL suffix is appended to the sample number on Form I for the more diluted sample, and **all** reported concentrations on that Form I are flagged with the D flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.

NOTE 1: The D flag is not applied to compounds which are not detected in the sample analysis i.e. compounds reported with the CRQL (or Reporting Limit) and the U flag.

NOTE 2: Separate Form Is are used for reporting the original analysis (Client Sample No. XXXXX) and the more diluted sample analysis (Client Sample No. XXXXXDL) i.e. the results from both analyses <u>are not combined</u> on a single Form I.

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

X/Y/Z : Other specific flags may be required to properly define the results. If used, the flags will be fully described in the SDG Narrative. The laboratory-defined flags are limited to X, Y and Z.

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

ent	Earth Tech	Rec'd Date 6/14/03	PPS/RFA ET03031
ject	Dayton Thermal	Courier Fed Ex	Lab Instructions
ote Q2974		Airbill No 8397 4096 4829	VOC 8260 25ML
gin No. W2971			CLUP TCL3CT + MTBE.SUB
bcontract? Y / (N)			
AT Verbal ____ Report L			

ooler Rec'd By: E Schiller
mple Login By. M Farmer
emperature 2.0 °C
yanide Samples checked for sulfide & chlorine? Y / (NA)
henol Samples checked for chlorine? Y / (NA)
eceived in Good Condition? (Y) / N
no, explain

CompuChem ID	Client ID	QC	Matrix	Date 2003	Military Time	Parameters: VOC No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
22974-1	MIP-47-73		WA	6/13	09 30	3-40ml															
2	53			/	10 00																
3	33			/	10 30																
4	52-73			/	12 30																
5	43			/	13 00																
6	33			/	13 20																
7	TRIP BLANK			/ 10	—																

6/14/03

Container Type Abbreviations 40ml (40ml Vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER ____

CS=#1, #2

DAIMLERCHRYSLER — Chain-of-Custody

№ 00315 A

CompuChem 501 Madison Avenue Cary NC 27513 Phone Number (919) 379-4100 Fax Number (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: Earth Tech Address: 4135 Technology Parkway Sheboygan, WI 53083 Consultant PM: Rob Stenson Phone 920-451-2407 Fax 920-458-0550

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
7 calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil
SW - Surface Water
GW - Groundwater
A - Air
Sed - Sediment
O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC								Remarks
Trip Blank 4 temp blank														tripblank1
MIP-47-73	6/13/03	9.30		GW	3	X								7" pea size air bubble in 2 ml vial
MIP-47-53		10:00			3	X								
MIP-47-33		10 30			3	X								
MIP-52-73		12:30			3	X								
MIP-52-43		13.00			3	X								
MIP-52-33		13.20			3	X								

Sampler(s): R. Wesoljak	Cooler ID #			Samples Relinquished under Airbill No			Temperature (corrected) 2.6° C
	Relinquished by: Robert Wesoljak	Date: 6/13/03	Time: 14:40	Received by	Date	Time	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by	Date	Time	Received for Laboratory by: E. Shiller	Date: 6/16/03	Time: 1030	Custody Seal Intact? Yes No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

Revision No 3
Created July 9 1999

COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 14, 2003 *01 15 PM*

Login Number: W2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
W2974-1	MIP-47-73	13-JUN-03	14-JUN-03	9	20-JUN-03	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	27-JUN-03	40ml vial	3	Bottles	
W2974-2	MIP-47-53	13-JUN-03	14-JUN-03	9	20-JUN-03	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	27-JUN-03	40ml vial	3	Bottles	
W2974-3	MIP-47-33	13-JUN-03	14-JUN-03	9	20-JUN-03	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	27-JUN-03	40ml vial	3	Bottles	
W2974-4	MIP-52-73	13-JUN-03	14-JUN-03	9	20-JUN-03	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	27-JUN-03	40ml vial	3	Bottles	
W2974-5	MIP-52-43	13-JUN-03	14-JUN-03	9	20-JUN-03	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	27-JUN-03	40ml vial	3	Bottles	
W2974-6	MIP-52-33	13-JUN-03	14-JUN-03	9	20-JUN-03	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	27-JUN-03	40ml vial	3	Bottles	
W2974-7	TRIP BLANK1	13-JUN-03	14-JUN-03	9	20-JUN-03	RFA ET03031**VOC 8260B 25ml TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	27-JUN-03	40ml vial	3	Bottles	

Signature : [signature]

Date : 6/14/03

10

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-47-33

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-3A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5	0.3	J
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	5	B
75-09-2	Methylene Chloride	0.5	0.1	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	0.3	J
156-59-2	cis-1,2-Dichloroethene	0.5	0.1	J
78-93-3	2-butanone	3	9	B
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5	0.4	J
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.2	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	3	
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.7	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	2	B
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	JB
108-38-3	m,p-Xylene	1	0.4	JB
95-47-6	o-Xylene	0.5	0.2	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-47-33

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-3A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.5	B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-47-53

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-2A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5	0.08	J
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	5	B
75-09-2	Methylene Chloride	0.5	0.1	JB
156-60-5	trans-1,2-Dichloroethene	0.5	0.07	J
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	1	
156-59-2	cis-1,2-Dichloroethene	0.5	0.6	
78-93-3	2-butanone	3	9	B
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5	0.4	J
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.3	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	1	
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.7	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.9	B
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	JB
108-38-3	m,p-Xylene	1	0.4	JB
95-47-6	o-Xylene	0.5	0.2	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-47-53

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-2A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5--------	Styrene	0.5	0.07	JB
75-25-2---------	Bromoform	0.5		U
79-34-5---------	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7-------	Xylene (total)	0.5	0.6	B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-47-73

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-1A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5	0.1	J
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5	0.3	J
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	7	B
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5	0.08	J
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	0.7	
156-59-2	cis-1,2-Dichloroethene	0.5	1	
78-93-3	2-butanone	3	9	B
67-66-3	Chloroform	0.5	0.04	J
71-55-6	1,1,1-Trichloroethane	0.5	6	
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.4	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	17	
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	1	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	7	B
591-78-6	2-hexanone	3	0.3	JB
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.5	JB
108-38-3	m,p-Xylene	1	0.8	JB
95-47-6	o-Xylene	0.5	0.3	JB

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-47-73

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-1A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.07	JB
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	1	B

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-52-33

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-6

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-6A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	5	B
75-09-2	Methylene Chloride	0.5	0.1	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	8	B
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.2	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.1	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.5	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.06	JB
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.1	JB
108-38-3	m,p-Xylene	1	0.3	JB
95-47-6	o-Xylene	0.5	0.1	JB

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-52-33

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-6

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-6A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.04	JB
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.4	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-52-43

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-5A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.2	J
67-64-1	Acetone	3	5	B
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	9	B
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.2	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.1	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.7	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.09	JB
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	JB
108-38-3	m,p-Xylene	1	0.3	JB
95-47-6	o-Xylene	0.5	0.1	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-52-43

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-5A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.5	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-52-73

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-4A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.3	J
67-64-1	Acetone	3	5	B
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	8	B
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.2	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.1	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3	0.2	JB
108-88-3	Toluene	0.5	0.6	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.06	JB
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	JB
108-38-3	m,p-Xylene	1	0.2	JB
95-47-6	o-Xylene	0.5	0.1	JB

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-52-73

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-4A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.4	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK1

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-7

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-7A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	1	JB
75-09-2	Methylene Chloride	0.5	0.1	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.03	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.1	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1	0.09	JB
95-47-6	o-Xylene	0.5		U

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK1

Project: ET03031 Date Sampled: 06/13/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: W2974-7

Sample wt/vol: 25 (g/ml) ML Lab File ID: W2974-7A61

Level: (low/med) LOW Date Received: 06/14/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5--------	Styrene	0.5		U
75-25-2---------	Bromoform	0.5		U
79-34-5---------	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7-------	Xylene (total)	0.5	0.09	JB

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VMKLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: WG24885-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG24885-4RA61

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	6	
75-01-4	Vinyl Chloride	0.5	7	
74-83-9	Bromomethane	0.5	4	
75-00-3	Chloroethane	0.5	6	
75-35-4	1,1-Dichloroethene	0.5	6	
75-15-0	Carbon disulfide	0.5	6	
67-64-1	Acetone	3	17	B
75-09-2	Methylene Chloride	0.5	5	B
156-60-5	trans-1,2-Dichloroethene	0.5	6	
1634-04-4	Methyl-tert-butyl ether	0.5	5	
75-34-3	1,1-Dichloroethane	0.5	6	
156-59-2	cis-1,2-Dichloroethene	0.5	5	
78-93-3	2-butanone	3	22	B
67-66-3	Chloroform	0.5	6	
71-55-6	1,1,1-Trichloroethane	0.5	6	
56-23-5	Carbon Tetrachloride	0.5	7	
71-43-2	Benzene	0.5	6	
107-06-2	1,2-Dichloroethane	0.5	5	
79-01-6	Trichloroethene	0.5	6	
78-87-5	1,2-Dichloropropane	0.5	5	
75-27-4	Bromodichloromethane	0.5	5	
10061-01-5	cis-1,3-Dichloropropene	0.5	5	
108-10-1	4-Methyl-2-pentanone	3	22	B
108-88-3	Toluene	0.5	6	B
10061-02-6	trans-1,3-Dichloropropene	0.5	5	
79-00-5	1,1,2-Trichloroethane	0.5	5	
127-18-4	Tetrachloroethene	0.5	6	B
591-78-6	2-hexanone	3	21	B
124-48-1	Dibromochloromethane	0.5	5	
108-90-7	Chlorobenzene	0.5	5	
100-41-4	Ethylbenzene	0.5	6	B
108-38-3	m,p-Xylene	1	11	B
95-47-6	o-Xylene	0.5	5	B

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VMKLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: WG24885-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG24885-4RA61

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5--------	Styrene	0.5	5	B
75-25-2---------	Bromoform	0.5	4	
79-34-5---------	1,1,2,2-Tetrachloroethane	0.5	5	
1330-20-7-------	Xylene (total)	0.5	17	B

FORM I VOA 8260B

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

	CLIENT SAMPLE NO.	SMC1 (DBF)#	SMC2 (DCE)#	SMC3 (TOL)#	SMC4 (BFB)#	TOT OUT
01	VBLKMK	123	113	126	122	0
02	VMKLCS	116	108	117	121	0
03	MIP-47-73	122	123	110	113	0
04	MIP-47-53	128	135	112	112	0
05	MIP-47-33	120	128	108	108	0
06	MIP-52-73	133	131	120	130	0
07	MIP-52-43	129	127	118	119	0
08	MIP-52-33	129	126	120	124	0
09	TRIP BLANK1	138	141	117	121	0
10						
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		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(65-150)
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(59-150)
SMC3 (TOL)	= Toluene-d8	(61-145)
SMC4 (BFB)	= Bromofluorobenzene	(63-143)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3A
WATER VOLATILE LAB CONTROL SAMPLE

VMKLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.00	5.74	115	50-141
Vinyl Chloride	5.00	6.50	130	49-142
Bromomethane	5.00	4.42	88	54-150
Chloroethane	5.00	6.13	123	61-150
1,1-Dichloroethene	5.00	5.55	111	50-150
Carbon disulfide	5.00	5.92	118	50-150
Acetone	25.00	16.90	68	50-142
Methylene Chloride	5.00	4.93	99	50-149
trans-1,2-Dichloroethen	5.00	5.54	111	60-143
Methyl-tert-butyl ether	5.00	4.90	98	50-150
1,1-Dichloroethane	5.00	5.68	114	63-140
cis-1,2-Dichloroethene	5.00	5.32	106	58-148
2-butanone	25.00	21.74	87	50-150
Chloroform	5.00	5.63	113	57-146
1,1,1-Trichloroethane	5.00	6.05	121	58-150
Carbon Tetrachloride	5.00	6.84	137	50-150
Benzene	5.00	5.53	111	76-134
1,2-Dichloroethane	5.00	5.20	104	58-143
Trichloroethene	5.00	5.87	117	71-143
1,2-Dichloropropane	5.00	5.40	108	59-138
Bromodichloromethane	5.00	5.37	107	63-139
cis-1,3-Dichloropropene	5.00	5.26	105	56-142
4-Methyl-2-pentanone	25.00	22.24	89	50-145
Toluene	5.00	5.55	111	70-137
trans-1,3-Dichloroprope	5.00	5.07	101	61-135
1,1,2-Trichloroethane	5.00	5.13	103	60-133
Tetrachloroethene	5.00	6.15	123	59-150
2-hexanone	25.00	20.93	84	50-142

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

* Values outside of QC limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VMKLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	5.00	5.08	102	69-136
Chlorobenzene	5.00	5.45	109	74-136
Ethylbenzene	5.00	5.74	115	63-136
Styrene	5.00	5.47	109	62-133
Bromoform	5.00	4.41	88	58-144
1,1,2,2-Tetrachloroetha	5.00	4.76	95	43-139
Xylene (total)	15.00	17.18	114	63-136

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

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKMK

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Lab File ID: WG24885-1A61 Lab Sample ID: WG24885-1

Date Analyzed: 06/16/03 Time Analyzed: 1258

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: 5973HP61

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VMKLCS	WG24885-4	WG24885-4RA6	1553
02	MIP-47-73	W2974-1	W2974-1A61	1958
03	MIP-47-53	W2974-2	W2974-2A61	2018
04	MIP-47-33	W2974-3	W2974-3A61	2038
05	MIP-52-73	W2974-4	W2974-4A61	2058
06	MIP-52-43	W2974-5	W2974-5A61	2119
07	MIP-52-33	W2974-6	W2974-6A61	2139
08	TRIP BLANK1	W2974-7	W2974-7A61	2159
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COMMENTS:

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKMK

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: WG24885-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG24885-1A61

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	3	J
75-09-2	Methylene Chloride	0.5	0.1	J
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	1	J
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3	0.2	J
108-88-3	Toluene	0.5	0.3	J
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.04	J
591-78-6	2-hexanone	3	0.4	J
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.04	J
108-38-3	m,p-Xylene	1	0.1	J
95-47-6	o-Xylene	0.5	0.05	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKMK

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: W2974

Matrix: (soil/water) WATER Lab Sample ID: WG24885-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG24885-1A61

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.04	J
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.2	J

FORM I VOA 8260B

COMPUCHEM

a division of Liberty Analytical Corp.

June 26, 2003

VOA
20 samples
on file

Earth Tech
~~CHRYSLER~~ 6/26/03
36133 Schoolcraft Road
Attn: Justin Kelley
Livonia, MI 48150

Subject:
Report of Data – Project: ET03031 Quote #: Q2974 SDG #: X2974

Attn.: Earth Tech

Enclosed are the results of analytical work performed in accordance with the referenced account number.

This report covers sample(s) appearing on the attached listing.

Thank you for selecting CompuChem for your sample analysis. If you should have questions or require additional analytical services, please contact your representative at 1-800-833-5097.

Sincerely,

CompuChem
A Division of Liberty Analytical

Attachment

TOTAL NUMBER
OF PAGES 118

501 Madison Avenue ■ Cary, N.C 27513 ■ Tel. 919-379-4100 ■ Fax. 919-379-4050

SAMPLENUM	CLIENTID	QUOTENUMREF	LOGINNUM	MATNUM	ACCTNUM	PROJECTNUM	RECEIVEDATE
X2974-17	MIP-11-20	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-16	MIP-11-50	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-15	MIP-11-70	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-9	MIP-18-25	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-8	MIP-18-40	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-7	MIP-18-65	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-3	MIP-26-25	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-2	MIP-26-35	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-1	MIP-26-58	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-6	MIP-31-20	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-5	MIP-31-40	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-4	MIP-31-60	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-11	MIP-35-25	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-14	MIP-43-25	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-13	MIP-43-35	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-12	MIP-43-70	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-20	MIP-48-31	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-19	MIP-48-36	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-18	MIP-48-56	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03
X2974-10	MIP-64-40	Q2974	X2974	WA	CHRYSLER	ET03031	6/21/03

VOA

COMPUCHEM

Login Chain of Custody Report (In01)

Jun 23, 2003 *05 32 PM*

TCL3 + MTBE & J's

Login Number: X2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Case: Q2974

No TCL3

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
X2974-1	MIP-26-58	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 01-JUL-03	40ml vial	3	Bottles	
X2974-2	MIP-26-35	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 01-JUL-03	40ml vial	3	Bottles	
X2974-3	MIP-26-25	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 01-JUL-03	40ml vial	3	Bottles	
X2974-4	MIP-31-60	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial	3	Bottles	
X2974-5	MIP-31-40	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial	3	Bottles	
X2974-6	MIP-31-20	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial	3	Bottles	
X2974-7	MIP-18-65	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial	3	Bottles	
X2974-8	MIP-18-40	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial	3	Bottles	

Signature : Roy [illegible]

Date : 06/26/03

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun 23, 2003 *05 32 PM*

Login Number: X2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
X2974-9	MIP-18-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial		3	Bottles	
X2974-10	MIP-64-40	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial		3	Bottles	
X2974-11 SCREEN DT	MIP-35-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 03-JUL-03	40ml vial		3	Bottles	
X2974-12	MIP-43-70	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 03-JUL-03	40ml vial		3	Bottles	
X2974-13	MIP-43-35	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 03-JUL-03	40ml vial		3	Bottles	
X2974-14	MIP-43-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 03-JUL-03	40ml vial		3	Bottles	
X2974-15	MIP-11-70	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 03-JUL-03	40ml vial		3	Bottles	
X2974-16	MIP-11-50	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 03-JUL-03	40ml vial		3	Bottles	

Signature : _____

Date : _____

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun 23, 2003 *05 32 PM*

Login Number: X2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
X2974-17	MIP-11-20	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
DI						
Water S VOA-8260B-25ML	Hold 03-JUL-03	40ml vial		3	Bottles	
X2974-18	MIP-48-56	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
~~SEE IN~~ 4L 23-7						
DI						
Water S VOA-8260B-25ML	Hold 01-JUL-03	40ml vial		3	Bottles	
X2974-19	MIP-48-36	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
RE						
Water S VOA-8260B-25ML	Hold 01-JUL-03	40ml vial		3	Bottles	
X2974-20	MIP-48-31	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
~~RE~~ DI						
Water S VOA-8260B-25ML	Hold 01-JUL-03	40ml vial		3	Bottles	

Signature : _____

Date : _____

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG #X2974

SAMPLE IDENTIFICATIONS: MIP-26-56 MIP-26-35 MIP-26-25 MIP-31-60 MIP-31-40 MIP-31-20 MIP-18-65(RE) MIP-18-40 MIP-18-25 MIP-64-40 MIP-35-25 MIP-43-70 MIP-43-35 MIP-43-25 MIP-11-70 MIP-11-50 MIP-11-20(DL) MIP-48-56(DL) MIP-48-36(RE) MIP-48-31(RE)

The twenty water samples listed above were received intact at 2 3 degrees C, with proper documentation, in sealed shipping containers, on June 21, 2003. All samples were submitted for volatile only analysis, and were prepared and analyzed following SW846 Method 8260B. All pertinent Quality Assurance Notices are included in the narrative section, and all pertinent Laboratory Notices for SDG # X2974 are included in the sample data sections.
Analysis holding time requirements were met for all of these samples, and sample pH values were greater than 2.0 for all samples except MIP-26-35 which had a pH of 2.

The volatile target analytes acetone, 1,1-dichloroethane, cis-1,2-dichloroethene, 2-butanone, chloroform, 1,1,1-trichloroethane, benzene, toluene, xylenes, trichloroethene, and tetrachloroethene were the most frequently identified above the reporting limits in the submitted samples.
Samples MIP-18-65, MIP-48-36, and MIP-48-31 all failed one or more SMCs high for recovery and/or internal standards low for response in both original and repeat analyses, and we have reported runs to document matrix interference The reanalysis of sample MIP-48-31 was conducted at a 10X dilution due to limited sample volume. The initial analysis of sample MIP-48-56 also failed SMC, and internal standard criteria. The reanalysis met all SMC and internal QC criteria, however we have reported this second analysis due to the fact that it was analyzed at a 12.5X dilution, again due to limited sample volume.

Based on screen data, sample MIP-18-65 was initially analyzed at a dilution, and for this sample we have only reported the one diluted run. Sample MIP-11-20 exceeded calibration limits for 1,1,1-trichloroethane in the initial neat analysis The sample was reanalyzed at an appropriate dilution, and for this sample we have reported both neat, and diluted analyses The screen Reconstructed Ion Chromatogram(RIC) for MIP-18-65 is included in the sample data package immediately following the RIC for the sample's reportable run.

No instrument blank separated the analyses of sample MIP-11-20(with exceeding limits of 1,1,1-trichloroethane) and MIP-48-56. Due to the fact that no 1,1,1-trichloroethene was present in MIP-48-56 above the reporting limits, we are reporting the data with reference to this qualifier

There is no Form VII in the deliverables package for the tune batch analyzed on instument 73(06/24/03), associated with the corresponding BFB injected at 07:45. This tune batch included an initial calibration sequence and the relavent relative response factors are all displayed on the Form VI The initial calibration met all acceptance criteria, and as required by SW-846, the mean relative response factors from the initial calibration standards could therefore be used to quantitate target analytes in the samples analyzed within that 12-hour tune batch The initial calibration curve for each target analyte is required to be verified once every 12 hours "after" the tune batch during which the initial calibration sequence was run In this situation, a calibration verification standard and it's associated Form VII are not required.

No Tentatively Identified Compounds (TICs) were searched at the request of the client.

All Bromofluorobenzene (BFB) abundance criteria were met for tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration standards associated to this SDG

All of the system monitoring compounds(SMCs) met recovery criteria in the analyses of these samples(except as noted above), and all of the internal standards met response and retention time criteria in the analyses of these samples(except as noted above).

The associated method blanks met all QC criteria, and did not contain any target analytes above the reporting limits.
No matrix spikes were generated per client request, however the associated Laboratory Control Samples (LCSs) met all accuracy criteria

Manual Quantitations were performed on some of the process files in the asssociated initial and continuing calibrations, and in all samples except MIP-26-58, MIP-26-35, MIP-26-25, MIP-18-65, MIP-18-65(RE), MIP-43-35, MIP-43-25, MIP-11-70, MIP-11-50, MIP-11-20DL, MIP-48-56DL, MIP-48-31RE The reasons have been coded with explanations provided in the notice included in the narrative section of this SDG.

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

Roy Sutton
Case Reviewer
June 26, 2003

CompuChem
a Division of Liberty Analytical Corp

GC/MS VOA Batch Sheet - Water

IP 250/460/462/475/480B/483

Method W8260B 25ml Chrysler

Batch # 3

Second on T3
[illegible] /10ml

SAMPLENUM	CLIENTID	LOGINNUM	pH	Time	Date	INST #	Operator	H/T	Volume	Bottle #	Report	Comments
X2974-1	MIP-26-58	X2974	7	1524	6/24	73	2537		25ml	1	✓	
X2974-2	MIP-26-35	X2974	2	1555						1	✓	
X2974-3	MIP-26-25	X2974	7	1621						1	✓	
X2974-4	MIP-31-60	X2974	7	1648						1	✓	
X2974-5	MIP-31-40	X2974	7	1715						1	✓	
X2974-6	MIP-31-20	X2974	7	1741						1	✓	
X2974-7	MIP-18-65	X2974	7	1808						1	IL	mud
X2974-8	MIP-18-40	X2974	6	1834						1	✓	
X2974-9	MIP-18-25	X2974	4	1905						1	✓	
X2974-10	MIP-64-40	X2974	7	1928						1	✓	
X2974-11	MIP-35-25	X2974	6	1954					3ml	1	OW/OT	
X2974-12	MIP-43-70	X2974	2	0100	6-25	73	2513		25ml	1	✓	
X2974-13	MIP-43-35	X2974	2	0124						1	✓	
X2974-14	MIP-43-25	X2974	2	0153						1	✓	
X2974-15	MIP-11-70	X2974	2	0220					25ml	1	✓	~~mud~~
X2974-16	MIP-11-50	X2974	2	0247					25ml	1	✓	
X2974-17	MIP-11-20	X2974	2	0313						1	DI	[illegible]
X2974-18	MIP-48-56	X2974	2	~~0340~~						1+2	IL/SH	mud
X2974-19	MIP-48-36	X2974	2	0406						1+2	IL/SH	mud
X2974-20	MIP-48-31	X2974	2	0433						1+2	IL/SH	mud
WG25087-1	VBLKSK		—	2537	6-25					—	✓	
WG25087-2	VBLKSL		—	1540	6-25	73	2531		25ml	—	✓	
WG25087-3	VBLKSM											
WG25087-4	VSKLCS		—	2331	6-25	73	2513		25ml	—	✓	
WG25087-5	VSLLCS		—	1413	6-25	73	2531		25ml	—	✓	
WG25087-6	VSMLCS											
7R			2	0007	6-25	73	2513		25ml	2	IL,SH,SL	mud
11D			6	0033					6.25ml	2	✓	
-17D			7	1503	6-25	73	2531		6ml	2	✓	
-17R			7	1527					2ml	3	✓	Mud
-19R			7	1553					25ml	3	IL SH/ES	
-20R			7	1620					10ml	3	IL/ES	

2nd TT
5ml TW

6/26/03

H T 18-20, 1-3 7/1/03
4-11 7/2/03
11-17 7/3/03

Due 6/27/03

+ CLBCT + mTBE
2nd source LCS

6/27/01 rmh

COMPUCHEM

Work Group Report (wk02)

23-JUN-03 05.35 PM

Work Group: WG25087
Department: 435 MS/VOA ANALYSIS **Created:** 23-JUN-03

Sample	Client ID	Product	Matrix	RecvDate	Bottle#	Lab Information
WG25087-1	VBLKSK	VOA-8260B-25ML	Water	23-JUN-03		
WG25087-2	VBLKSL	VOA-8260B-25ML	Water	23-JUN-03		
WG25087-3	VBLKSM	VOA-8260B-25ML	Water	23-JUN-03		
WG25087-4	VSKLCS	VOA-8260B-25ML	Water	23-JUN-03		
WG25087-5	VSLLCS	VOA-8260B-25ML	Water	23-JUN-03		
WG25087-6	VSMLCS	VOA-8260B-25ML	Water	23-JUN-03		
X2974-1	MIP-26-58	VOA-8260B-25ML	Water	21-JUN-03		
X2974-10	MIP-64-40	VOA-8260B-25ML	Water	21-JUN-03		
X2974-11	MIP-35-25	VOA-8260B-25ML	Water	21-JUN-03		
X2974-12	MIP-43-70	VOA-8260B-25ML	Water	21-JUN-03		
X2974-13	MIP-43-35	VOA-8260B-25ML	Water	21-JUN-03		
X2974-14	MIP-43-25	VOA-8260B-25ML	Water	21-JUN-03		
X2974-15	MIP-11-70	VOA-8260B-25ML	Water	21-JUN-03		
X2974-16	MIP-11-50	VOA-8260B-25ML	Water	21-JUN-03		
X2974-17	MIP-11-20	VOA-8260B-25ML	Water	21-JUN-03		
X2974-18	MIP-48-56	VOA-8260B-25ML	Water	21-JUN-03		
X2974-19	MIP-48-36	VOA-8260B-25ML	Water	21-JUN-03		
X2974-2	MIP-26-35	VOA-8260B-25ML	Water	21-JUN-03		
X2974-20	MIP-48-31	VOA-8260B-25ML	Water	21-JUN-03		
X2974-3	MIP-26-25	VOA-8260B-25ML	Water	21-JUN-03		
X2974-4	MIP-31-60	VOA-8260B-25ML	Water	21-JUN-03		
X2974-5	MIP-31-40	VOA-8260B-25ML	Water	21-JUN-03		
X2974-6	MIP-31-20	VOA-8260B-25ML	Water	21-JUN-03		
X2974-7	MIP-18-65	VOA-8260B-25ML	Water	21-JUN-03		
X2974-8	MIP-18-40	VOA-8260B-25ML	Water	21-JUN-03		
X2974-9	MIP-18-25	VOA-8260B-25ML	Water	21-JUN-03		

Comments

X2974-1	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-10	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-11	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-12	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-13	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-14	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-15	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-16	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-17	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-18	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-19	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-2	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-20	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-3	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-4	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-5	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
X2974-6	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY

COMPUCHEM

Work Group Report (wk02)

23-JUN-03 05:35 PM

Work Group: WG25087

Department: 435 MS/VOA ANALYSIS **Created:** 23-JUN-03

Sample	Client ID	Product	Matrix	RecvDate	Bottle#	Lab Information
X2974-7	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY					
X2974-8	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY					
X2974-9	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY					

Internal Chain of Custody

Relinquished By	[illegible]	Date	6 24	Received By	[illegible]	Date	1400	Reason	Analysis
Relinquished By	[illegible]	Date	1	Received By	[illegible]	Date	1430	Reason	Storage
Relinquished By	[illegible]	Date	6-24	Received By	[illegible]	Date	22:10	Reason	Analysis
Relinquished By	KS	Date	6-24	Received By	[illegible]	Date	23:11	Reason	Storage
Relinquished By	[illegible]	Date		Received By	[illegible]	Date	1400	Reason	Analysis
Relinquished By	[illegible]	Date		Received By	[illegible]	Date	1430	Reason	Storage
Relinquished By		Date		Received By		Date		Reason	
Relinquished By		Date		Received By		Date		Reason	

[illegible] 6/26/03

GC and GC/MS Column and Trap Specifications Table

COLUMNS

Brand Name	Coating Material	ID (mm)	Film Thickness (um)	Length (m)
GC Laboratory				
Restek	RTX-1701	0.53	0.5	30
J & W	DB-608	0.53	0.83	30
Restek	CLPesticides	0.53	0.5	30
Restek	CLPesticides II	0.53	0.42	30
GC Volatiles Laboratory				
Restek	RTX-1	0.53	0.5	105
Restek	RTX-502.2	0.53	0.5	105
GC/MS Volatiles Laboratory				
J & W	DB-624	0.53	3.0	30/75
J & W	DB-624	0.25	1.4	60
J & W	DB-624	0.32	1.8	60
Restek	RTX-624	0.32	1.8	60
Restek	RTX-VMS*	0.18	1.0	20
Supelco	SPB-624	0.32	1.4	60
Supelco	Equity™-624	0.53	3.0	75
Zebron	ZB-624	0.32	1.8	60
GC/MS Semivolatiles Laboratory				
Restek	RTX-5MS	0.25	0.25	30
Restek	RTX-5MS	0.32	0.25	30
HPLC Laboratory				
Supelco	Supelcosil LC-PAH	4.6	5.0	15 cm
Supelco	Discovery RP Amide C16	4.6	5.0	25 cm
Restek	Pinnacle Cyano	4.6	5.0	25 cm
Restek	Allure C18	4.6	5.0	25 cm

*Note: The RTX-VMS column is currently not used for EPA CLP analyses.

TRAPS

GC and GC/MS Volatiles Laboratory	
Tekmar 3	* 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Tekmar 5	* 1 cm of methyl silicone packing (OV-1 coating) * 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Supelco K (Vocarb3000)	* 10 cm of Carbopack B (Graphitized Carbons) * 6 cm of Carboxen 1000 (Carbon molecular sieves) * 1 cm of Carboxen 1001 (Carbon molecular sieves)

CompuChem

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Notification Regarding Manual Editing/Integration Flags

In some instances, manual adjustments to the software output are necessary to provide accurate data. These manual integrations are performed by the data reviewers, GC/MS operators, or GC chemists. An Extracted Ion Current Profile (EICP) or a GC chromatographic peak has been provided for the manual integration performed on each compound to demonstrate the accuracy of that process. The manual integrations are flagged on the quantitation report in the far right column beyond the FINAL concentration for GC/MS analysis, and in the "Flags" column for GC analysis. The manual editing/integration flags are:

M - Denotes that a manual integration has been performed for this compound. The manual integration was performed in order to provide the most accurate area count possible for the peak.

H - Denotes that the data reviewer, GC/MS operator, or GC Chemist has chosen an alternate peak within the retention time window from that chosen by the software for that compound No manual integration is performed in choosing an alternate peak. The software still performs the integration.

MH - Denotes that an alternate peak has been chosen within the retention time window from that chosen by the software for that compound and also a manual integration of the chosen peak has been performed The manual integration was performed in order to provide the most accurate area count possible for the peak

L - Denotes that a data reviewer or GC/MS operator has selected an alternate library search. This is typically done when an additional tentatively identified compound (TIC) has been added to the number of peaks searched. No manual integration is performed in choosing an alternate peak. The software still performs the integration.

ML - Denotes that an alternate library search has been selected and a manual integration has also been performed. This is typically done when an additional TIC has been added and the TIC peak also required a manual integration.

The EPA CLP SOW documents require additional explanations for manual editing/integration. In the accompanying raw data packages, additional codes have been applied to the "M" flag and carry the following meanings,

M1 - The compound was not found by the automatic integration routine.

M2 - The compound was incorrectly integrated by the automatic integration routine

M3 - The co-eluting compounds were incorrectly integrated by the automatic integration routine

These codes will appear in the GC/MS and GC data packages.

Robert E. Meierer

Robert E. Meierer
Vice President

DATA REPORTING QUALIFIERS

On the Form I, under the column labeled "Q" for qualifier, each result is flagged with the specific data reporting qualifiers listed below, as appropriate. Up to five qualifiers may be reported on Form I for each compound. The qualifiers used are:

U : This flag indicates the compound was analyzed for but not detected. The Contract Required Quantitation Limit (CRQL), or reporting limit, will be adjusted to reflect any dilution and, for soils, the percent moisture.

J : This flag indicates an estimated value. The flag is used as detailed below·

1. When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1.0 is assumed for the TIC analyte,

2. When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero, and

3. When the retention time data indicate the presence of a compound that meets the pesticide/Aroclor or other GC or HPLC identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero. For example, if the CRQL (or Reporting Limit) is 10 µg/L, but a concentration of 3 µg/L is calculated, it is reported as 3J.

N : This flag indicates presumptive evidence of a compound. This flag is only used for TICs, where the identification is based on a mass spectral library search. For generic characterization of a TIC such as 'chlorinated hydrocarbon', the N flag is not used.

P : In the EPA's Contract Laboratory Program (CLP), this flag is used for a pesticide/Aroclor target analyte, when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a P.
For SW-846 GC and HPLC analyses, when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences, then the higher of the two values is reported and flagged with a P. When the RPD is equal to or less than 40%, our policy is to also report the higher of the two values, although the choice could be a project specific issue. For certain HPLC analyses, if one of the HPLC columns displays co-elution of target analytes, all results are reported from a primary column displaying no co-elution Results are still flagged with a P if the RPD between columns is greater than 40%.

DATA REPORTING QUALIFIERS (continued)

C : This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, this flag is not applied; a laboratory-defined flag is used instead (see the X/Y/Z qualifier.)

B : This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound. The combination of flags BU or UB is not an allowable policy. Blank contaminants are flagged B only when they are detected in the sample.

E : This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response *greater than the upper level of the calibration range, the sample or extract will be diluted and* reanalyzed. All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form I for the original analysis.

D : If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exceeds the upper calibration range, the DL suffix is appended to the sample number on Form I for the more diluted sample, and **all** reported concentrations on that Form I are flagged with the D flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.

NOTE 1: The D flag is not applied to compounds which are not detected in the sample analysis i.e. compounds reported with the CRQL (or Reporting Limit) and the U flag.

NOTE 2: Separate Form Is are used for reporting the original analysis (Client Sample No. XXXXX) and the more diluted sample analysis (Client Sample No. XXXXXDL) i e. the results from both analyses <u>are not combined</u> on a single Form I.

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

X/Y/Z · Other specific flags may be required to properly define the results. If used, the flags will be fully described in the SDG Narrative. The laboratory-defined flags are limited to X, Y and Z.

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: Chrysler Earth Tech	Rec'd Date: 6/21/03	PPS/RFA ETD3031	
Project: Dayton Thermal	Courier: Fed Ex	Lab Instructions	
Quote: Q2974	Airbill No. 8405 4919 1350	VOC 8260B 25ml TCL3 CT + MTBE, SUB	0
Login No. X2974			
Subcontract? Y / (N)			
TAT Verbal Report 6 day			

Cooler Rec'd By:	Ed Schultz
Sample Login By:	Cathy Dove
Temperature:	2.3 °C
Cyanide Samples checked for sulfide & chlorine?	Y / (NA)
Phenol Samples checked for chlorine?	Y / (NA)
Received in Good Condition?	(Y) / N
If no, explain:	

Parameters

CompuChem ID	Client ID	QC	Matrix	Date 2005	Military Time	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
						VOC															
X2974-1	MP-26-58		WA	06/17	17:40	3 40ml															
-2	35			/	18:10																
-3	25			/	18:40																
-4	31-60			/18	10:15																
-5	40			/	10:40																
-6	20			/	11:00																
-7	18-65			/	12:30																
-8	40			/	13:15																
-9	25			/	14:00																
-10	64-40			/	15:50																
-11	35-25			/19	12:15																
-12	43-70			/	13:45																
-13	35			/	14:20																
-14	25			/	14:50																
-15	11-70			/	17:45																
-16	50			/	18:00																
-17	20			/	18:15																
-18	48-56			/17	15:35																
-19	34			/	16:05																
-20	31			/	16:25																

Container Type Abbreviations 40ml.(40ml vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER _____

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: Earth Tech	Rec'd Date: 6/21/03	PPS/RFA ET03031	
Project: Dayton Thermal	Courier: Fed Ex	Lab Instructions	
Quote: QL974	Airbill No. 8405 4919 1350		
Login No. V2974			
Subcontract? Y / N			
TAT Verbal Report 6 day			

Cooler Rec'd By:	
Sample Login By:	
Temperature: 2.3 °C	
Cyanide Samples checked for sulfide & chlorine? Y / NA	
Phenol Samples checked for chlorine? Y / NA	
Received in Good Condition? Y / N	
If no, explain:	

Parameters

CompuChem ID	Client ID	QC	Matrix	Date 2003	Military Time	VOC No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
V2974-1	MIP-46-75		WA	06/17	18:10	3x40ml													
-2	55				18:35														
-3	25				18:55														
-4	19-45			18	09:25														
-5	25				09:45														
-6	25-45				10:35														
-7	35				11:05														
-8	25				11:20														
-9	24-55				12:15														
-10	35				12:30														
-11	25				12:45														
-12	15-20				15:40														
-13	41-45				17:25														
-14	35				17:40														
-15	25				17:55														
-16	44-55			19	09:40														
-17	40				10:00														
-18	25				10:55														
-19	50-50				11:55														
-20	30				12:00														

Container Type Abbreviations 40mL(40ml vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER _____

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: Earth Tech	Rec'd Date: 6/21/03	PPS/RFA ET03031	
Project: Dayton Thermal	Courier: FED EX	Lab Instructions	
Quote: 82974	Airbill No. 8405 4919 1350		
Login No. Z2974			
Subcontract? Y / (N)			
TAT Verbal Report 10 days			

Cooler Rec'd By:	
Sample Login By:	
Temperature:	2.3 °C
Cyanide Samples checked for sulfide & chlorine?	Y / (NA)
Phenol Samples checked for chlorine?	Y / (NA)
Received in Good Condition?	(Y) / N
If no, explain:	

Parameters

CompuChem ID	Client ID	QC	Matrix	Date 2003	Military Time	No. & Type (VOC)	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
Z2974-1	MP-64-30		WA	06/18	16:10	3-40ml															
-2	25			/	16:20																
-3	65-65			/	18:25																
-4	55			/	18:40																
-5	25			/	18:55																
-6	39-70			/ 19	09:50																
-7	60			/	10:10																
-8	20			/	10:25																
-9	35-60			/	11:50																
-10	40			/	12:00																
-11	50-20			/	12:30	2-40ml															
-12	53-25			/	13:55	3-40ml															
-13	67-50			/	15:45																
-14	40			/	16:05																
-15	25			/	16:15																
-16	51-50			/	18:00																
-17	40			/	18:25																
-18	25			/	18:40																
-19	EB-062003			/ 20	10:00																
-20	TRIP BLANK			6/17	—	1-40ml															

Container Type Abbreviations: 40ml.(40ml vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER _____

rll - 6/28/01 dcc

DAIMLERCHRYSLER

Chain-of-Custody

№ 00570 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number. (919) 379-4100 Fax Number (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: Earth Tech Address: 4135 Technology Pkwy Sheboygan, WI 53083 Consultant PM: Rob Stenson Phone 920-451-2407 Fax 920-458-0555	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs.
7 calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs								Remarks
MIP-26-58	6/17/03	1740	G	GW	3	X								> pea-size air bubble all 3 40ml vials @ 6/2/03
MIP-26-35	6/17/03	1810			3	X								
MIP-26-25	6/17/03	1840			3	X								
MIP-31-60	6/18/03	1015			3	X								> pea-size air bubble all 3 40ml vials @ 6/2/03
MIP-31-40	6/18/03	1040			3	X								
MIP-31-20	6/18/03	1100			3	X								> pea-size air bubble in 2 40ml vials @ 6/2/03
MIP-18-65	6/18/03	1230			3	X								> pea-size air bubble in all 3 40ml vials @ 6/2/03
MIP-18-40	6/18/03	1315			3	X								
MIP-18-25	6/18/03	1400			3	X								
MIP-64-40	6/18/03	1550			3	X								

Sampler(s): DD HA	Cooler ID #			Samples Relinquished under Airbill No			Temperature (corrected) 2.3°C
	Relinquished by: D. Deuenlen	Date: 6/20/03	Time: 400	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Schiller	Date: 6/2/03	Time: 400	Custody Seal Intact? Yes No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution. White copy Data package Yellow Retained by laboratory Pink. Retained by sampler

Revision No 3
Created July 9, 1999

DAIMLERCHRYSLER

Chain-of-Custody

№ 00561 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number (919) 379-4100 Fax Number (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: Earth Tech Address: 4135 Technology Pkwy Sheboygan WI 53083 Consultant PM: Rob Stenson Phone: 920-451-2407 Fax: 920-458-0557	

Turn-around Time Request: (circle)
24 calendar hrs.
48 calendar hrs
7 calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs								Remarks
MIP-35-25	6/19/03	1215	G	GW	3	X								
MIP-43-70	6/19/03	1345	↓	↓	3	X								> pea-size air bubble in 2 of 40 ml vials @ 6/21/03
MIP-43-35	6/19/03	1420			3	X								
MIP-43-25	6/19/03	1450			3	X								
MIP-11-70	6/19/03	1745			3	X								> pea-size air bubble in all 40 ml vials @ 6/21/03
MIP-11-50	6/19/03	1800			3	X								↓
MIP-11-20	6/19/03	1815			3	X								
MIP-48-56	6/17/03	1535			3	X								> pea-size air bubble in all 3 of 40 ml vials @ 6/21/03
MIP-48-36	6/17/03	1605			3	X								
MIP-48-31	6/17/03	1625	↓	↓	3	X								↓

Sampler(s): DD AH	Cooler ID #		Samples Relinquished under Airbill No			Temperature (corrected) 2.3 °C	
	Relinquished by: D. December	Date: 6/20/03	Time: 1100	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? (Yes) No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Sahiller	Date: 6/21/03	Time: 1100	Custody Seal Intact? (Yes) No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink. Retained by sampler

Revision No 3
Created July 9, 1999

DAIMLERCHRYSLER — Chain-of-Custody

№ 00562 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number (919) 379-4100 Fax Number (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stanczak	Consultant: Earth Tech Address: 4135 Technology Pkwy Sheboygan, WI 53083 Consultant PM: Rob Stenson Phone: 920-451-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs.
48 calendar hrs
7 calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs								Remarks
MIP-46-75	6/17/03	1810	G	GW	3	X								
MIP-46-55	6/17/03	1835				X								>pea-size air bubble in all 3 40ml vials 6/21/03
MIP-46-25	6/17/03	1855				X								
MIP-19-45	6/18/03	0925				X								>pea-size air bubble in all 3 40ml vials 6/21/03
MIP-19-25	6/18/03	0945				X								
MIP-25-45	6/18/03	1035				X								>pea-size air bubble in all 3 40ml vials 6/21/03
MIP-25-35	6/18/03	1105				X								
MIP-25-25	6/18/03	1120				X								
MIP-24-55	6/18/03	1215				X								
MIP-24-35	6/18/03	1230				X								

Sampler(s): DD LH	Cooler ID #		Samples Relinquished under Airbill No			Temperature (corrected) 2.3 °C
	Relinquished by: D. Deanler	Date: 6/20/03	Time: 1100	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Schuller	Date: 6/21/03	Time: 1100	Custody Seal Intact? Yes No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

Revision No 3
Created July 9, 1999

DAIMLERCHRYSLER — Chain-of-Custody

№ 00563 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: (919) 379-4100 Fax Number: (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: Earth Tech Address: 4135 Technology Pkwy Sheboygan, WI. 53083 Consultant PM: Rob Stenson Phone: 920-457-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs.
7 calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs								Remarks
MIP-24-25	6/18/03	1245	G	GW	3	X								
MIP-15-20	6/18/03	1540	↓	↓	3	X								> pea-size air bubble in all 3 40ml vials @ 6/21/03
MIP-41-45	6/18/03	1725			3	X								↓
MIP-41-35	6/18/03	1740			3	X								
MIP-41-25	6/18/03	1755			3	X								
MIP-44-55	6/19/03	0940			3	X								
MIP-44-40	6/19/03	1000			3	X								
MIP-44-25	6/19/03	1055			3	X								
MIP-50-50	6/19/03	1155			3	X								> pea-size air bubble in all 3 40 ml vials @ 6/21/03
MIP-50-30	6/19/03	1200	↓	↓	3	X								> pea-size air bubble in 1 40 ml vial @ 6/21/03

Sampler(s): DD LH	Cooler ID #			Samples Relinquished under Airbill No			Temperature (corrected) 2.3 C
	Relinquished by: D. December	Date: 6/20/03	Time: 1100	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Schiller	Date: 6/21/03	Time: 1100	Custody Seal Intact? Yes No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

Revision No 3
Created July 9, 1999

DAIMLERCHRYSLER — Chain-of-Custody

№ 00569 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: (919) 379-4100 Fax Number. (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ~~0830~~ ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: EarthTech Address: 4135 Technology Pkwy Sheboygan, WI 53083 Consultant PM: Rob Stenson Phone: 920-451-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
7 calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	Compound List-Parameter/Method/Bottle Type/Preservative: VOCs								Remarks
MIP-64-30	6/18/03	1610	G	GW	3	X								
MIP-64-25	6/18/03	1620			3	X								
MIP-65-65	6/18/03	1825			3	X								pea-size air bubble in all 3 total vials @ 6/21/03
MIP-65-55	6/18/03	1840			3	X								
MIP-65-25	6/18/03	1855			3	X								
MIP-39-70	6/19/03	0950			3	X								
MIP-39-60	6/19/03	1010			3	X								
MIP-39-20	6/19/03	1025			3	X								
MIP-35-60	6/19/03	1150			3	X								pea-size air bubble in 1 of 3 total vials @ 6/21/03
MIP-35-40	6/19/03	1200			3	X								

Sampler(s): DD, DH	Cooler ID #			Samples Relinquished under Airbill No.			Temperature (corrected) 2.3 °C
	Relinquished by: D. Deremler	Date: 6/20/03	Time: 1100	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Schiller	Date: 6/21/03	Time: 1100	Custody Seal Intact? Yes No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

Revision No 3
Created July 9, 1999

DAIMLERCHRYSLER — Chain-of-Custody

№ 00564 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: (919) 379-4100 Fax Number. (919) 379-4040	Project Name. Dayton Thermal Site Location Dayton, OH Site Code RFA Number. ET 03031 DaimlerChrysler PM. Gary Stanczuk	Consultant EarthTech Address 4135 Technology PKWY Sheboygan, WI. 53083 Consultant PM Rob Stenson Phone 920-457-2407 Fax. 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
(7) calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level (1)
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs								Remarks
MIP-50-20	6/19/03	1230	G	GW	2	x								
MIP-53-25	6/19/03	1355	↓	↓	3	x								Purging on bubbling all 8 total wells @ 6/21/03
MIP-67-50	6/19/03	1545	↓	↓	3	x								
MIP-67-40	6/19/03	1605	↓	↓	3	x								Samples labeled MIP-67-50 @ 1605
MIP-67-25	6/19/03	1615	↓	↓	3	x								Purging @ 6/21/03 in order
MIP-51-50	6/19/03	1800	↓	↓	3	x								
MIP-51-40	6/19/03	1825	↓	↓	3	x								
MIP-51-25	6/19/03	1840	↓	↓	3	x								
EB-062003	6/20/03	1000	↓	↓	3	x								
Trip & Temp. Blank			↓	↓	2	x								

Sampler(s) DD 2H	Cooler ID #			Samples Relinquished under Airbill No			Temperature (corrected) 23°C
	Relinquished by: D. December	Date: 6/20/03	Time: 1100	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? (Yes) No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Sabiller	Date: 6/21/03	Time: 1100	Custody Seal Intact? (Yes) No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink. Retained by sampler

Revision No 3
Created July 9, 1999

COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 21, 2003 *02:20 PM*

Login Number: X2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
X2974-1	MIP-26-58	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
X2974-2	MIP-26-35	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
X2974-3	MIP-26-25	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 01-JUL-03	40ml vial	3	Bottles	
X2974-4	MIP-31-60	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
X2974-5	MIP-31-40	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
X2974-6	MIP-31-20	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
X2974-7	MIP-18-65	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3	Bottles	
X2974-8	MIP-18-40	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	

Signature : Cally Dore

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 21, 2003 *02.20 PM*

Login Number: X2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
X2974-9	MIP-18-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
X2974-10	MIP-64-40	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
X2974-11	MIP-35-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
X2974-12	MIP-43-70	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
X2974-13	MIP-43-35	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
X2974-14	MIP-43-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
X2974-15	MIP-11-70	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
X2974-16	MIP-11-50	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	

Signature : _____ 20

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 21, 2003 *02:20 PM*

Login Number: X2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
X2974-17	MIP-11-20	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial		3	Bottles	
X2974-18	MIP-48-56	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial		3	Bottles	
X2974-19	MIP-48-36	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial		3	Bottles	
X2974-20	MIP-48-31	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial		3	Bottles	

Signature : 21

Date : 8/21/03

COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 21, 2003 *02:26 PM*

Login Number: Y2974

Account: CHRYSLER — Chrysler

Project: ET03031 — Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Y2974-1	MIP-46-75	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
Y2974-2	MIP-46-55	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
Y2974-3	MIP-46-25	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
Y2974-4	MIP-19-45	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3	Bottles	
Y2974-5	MIP-19-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Y2974-6	MIP-25-45	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial	3	Bottles	
Y2974-7	MIP-25-35	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Y2974-8	MIP-25-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	

Signature : Cathy L. Doig 22

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 21, 2003 *02:26 PM*

Login Number: Y2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Y2974-9	MIP-24-55	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3 Bottles			
Y2974-10	MIP-24-35	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3 Bottles			
Y2974-11	MIP-24-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3 Bottles			
Y2974-12	MIP-15-20	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3 Bottles			
Y2974-13	MIP-41-45	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3 Bottles			
Y2974-14	MIP-41-35	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial	3 Bottles			
Y2974-15	MIP-41-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold· 02-JUL-03	40ml vial	3 Bottles			
Y2974-16	MIP-44-55	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold· 03-JUL-03	40ml vial	3 Bottles			

Signature : Sally Dorr 23

Date : 6/24/03

COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 21, 2003 *02:26 PM*

Login Number: Y2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Y2974-17	MIP-44-40	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Y2974-18	MIP-44-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Y2974-19	MIP-50-50	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Y2974-20	MIP-50-30	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	

Signature : _____ 24

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 21, 2003 *02:33 PM*

Login Number: Z2974

Account: CHRYSLER — Chrysler

Project: ET03031 — Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Z2974-1	MIP-64-30	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Z2974-2	MIP-64-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Z2974-3	MIP-65-65	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Z2974-4	MIP-65-55	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Z2974-5	MIP-65-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3	Bottles	
Z2974-6	MIP-39-70	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 03-JUL-03	40ml vial	3	Bottles	
Z2974-7	MIP-39-60	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-8	MIP-39-20	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 03-JUL-03	40ml vial	3	Bottles	

Signature : _____

Date : 6/21/03

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COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 21, 2003 *02.33 PM*

Login Number: Z2974

Account: CHRYSLER — Chrysler

Project: ET03031 — Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Z2974-9	MIP-35-60	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-10	MIP-35-40	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 03-JUL-03	40ml vial	3	Bottles	
Z2974-11	MIP-50-20	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	2	Bottles	
Z2974-12	MIP-53-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-13	MIP-67-50	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold· 03-JUL-03	40ml vial	3	Bottles	
Z2974-14	MIP-67-40	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-15	MIP-67-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-16	MIP-51-50	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	

Signature : 26

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 21, 2003 *02:33 PM*

Login Number: Z2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Z2974-17	MIP-51-40	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-18	MIP-51-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-19	EB-062003	20-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 04-JUL-03	40ml vial	3	Bottles	
Z2974-20	TRIP BLANK	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	1	Bottles	

Signature : Cathy Dore 27

Date : 6/21/03

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: Chrysler Earth Tech	Rec'd Date: 6/21/03	PPS/RFA ET03031	
Project: Dayton Thermal	Courier: Fed Ex	Lab Instructions	
Quote: Q2974	Airbill No. 8405 4919 1350	VOC 8260B 25ml TCL3 CT + MTBE, SUB	00
Login No. M2974			02
Subcontract? Y / (N)			
TAT Verbal Report 6 day			

Cooler Rec'd By:	
Sample Login By:	
Temperature: 2.3 °C	
Cyanide Samples checked for sulfide & chlorine? Y / (NA)	
Phenol Samples checked for chlorine? Y / (NA)	
Received in Good Condition? (Y) / N	
If no, explain:	

Parameters: VOC

CompuChem ID	Client ID	QC	Matrix	Date 2003	Military Time	No. & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
M2974-1	MP-26-58		WA	06/17	17:40	3 40ml															
-2	35			/	18:10																
-3	25			/	18:40																
-4	31-60			/18	10:15																
-5	40			/	10:40																
-6	20			/	11:00																
-7	18-65			/	12:30																
-8	40			/	13:15																
-9	25			/	14:00																
-10	64-40			/	15:50																
-11	35-25			/19	12:15																
-12	43-70			/	13:45																
-13	35			/	14:20																
-14	25			/	14:50																
-15	11-70			/	17:45																
-16	50			/	18:00																
-17	20			/	18:15																
-18	48-56			/17	15:35																
-19	36			/	16:05																
-20	31			/	16:25																

Container Type Abbreviations 40ml.(40ml vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER _____

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: Earth Tech	Rec'd Date: 6/21/03	PPS/RFA ET03031	
Project: Dayton Thermal	Courier: Fed Ex	Lab Instructions	
Quote: Q2974	Airbill No. 8405 4919 1350		
Login No. Y2974			
Subcontract? Y / N			
TAT Verbal Report 6 day			

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Cooler Rec'd By:	
Sample Login By:	
Temperature: 2.3 °C	
Cyanide Samples checked for sulfide & chlorine? Y / NA	
Phenol Samples checked for chlorine? Y / NA	
Received in Good Condition? Y / N	
If no, explain:	

Parameters

CompuChem ID	Client ID	QC	Matrix	Date 2003	Military Time	VOC No. & Type	pH	No & Type	pH	No & Type	pH	No. & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
Y2974-1	MIP-46 75		WA	06/17	18:10	3 40ml															
-2	55				18:35																
-3	25				18:55																
-4	19-45			18	09:25																
-5	35				09:45																
-6	25-45				10:35																
-7	35				11:05																
-8	25				11:20																
-9	24-55				12:15																
-10	35				12:30																
-11	25				12:45																
-12	15-20				15:40																
-13	41-45				17:25																
-14	35				17:40																
-15	25				17:55																
-16	44-55			19	09:40																
-17	40				10:00																
-18	25				10:55																
-19	50-50				11:55																
-20	30				12:00																

Container Type Abbreviations 40ml.(40ml vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: Earth Tech	Rec'd Date: 6/21/03	PPS/RFA E103031	
Project: Dayton Thermal	Courier: Fed Ex	Lab Instructions	
Quote: Q2974	Airbill No. 8405 4919 1350		
Login No. Z2974			
Subcontract? Y / N			
TAT Verbal Report 10 days			

Cooler Rec'd By: B. Schiller	
Sample Login By: Cathy	
Temperature: 2.3 °C	
Cyanide Samples checked for sulfide & chlorine? Y / NA	
Phenol Samples checked for chlorine? Y / NA	
Received in Good Condition? Y / N	
If no, explain:	

Parameters

CompuChem ID	Client ID	QC	Matrix	Date 2003	Military Time	VOC No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No. & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
Z2974-1	MP-64-30		WA	06/18	16:10	3-40ml															
-2	25			/	16:20																
-3	65-65			/	18:25																
-4	55			/	18:40																
-5	25			/	18:55																
-6	39-70			/ 19	09:50																
-7	60			/	10:10																
-8	20			/	10:25																
-9	35-60			/	11:50																
-10	40			/	12:00																
-11	50-20			/	12:30	2-40ml															
-12	53-25			/	13:55	3-40ml															
-13	67-50			/	15:45																
-14	40			/	16:05																
-15	25			/	16:15																
-16	51-50			/	18:00																
-17	40			/	18:25																
-18	25			/	18:40																
-19	EB-062003			/ 20	10:00																
-20	TRIP BLANK			6/17	—	1-40ml															

Container Type Abbreviations 40ml.(40ml vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER _____

DAIMLERCHRYSLER — Chain-of-Custody

№ 00570 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number. (919) 379-4100 Fax Number (919) 379-4040	Project Name. Dayton Thermal Site Location. Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM Gary Stanczuk	Consultant Earth Tech Address: 4135 Technology Pkwy Sheboygan, WI 53083 Consultant PM Rob Stenson Phone 920-451-2407 Fax: 920-458-0553	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
7 calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs								Remarks
MIP-26-58	6/17/03	1740	G	GW	3	X								> pea-size air bubble all 3 40ml vials @ 6/21/03
MIP-26-35	6/17/03	1810			3	X								
MIP-26-25	6/17/03	1840			3	X								
MIP-31-60	6/18/03	1015			3	X								> pea-size air bubble all 3 40ml vials @ 6/21/03
MIP-31-40	6/18/03	1040			3	X								
MIP-31-20	6/18/03	1100			3	X								> pea-size air bubble in 2 40ml vials @ 6/21/03
MIP-18-65	6/18/03	1230			3	X								> pea-size air bubble in all 3 40ml vials @ 6/21/03
MIP-18-40	6/18/03	1315			3	X								
MIP-18-25	6/18/03	1400			3	X								
MIP-64-40	6/18/03	1550			3	X								

Sampler(s) JD HA	Cooler ID #			Samples Relinquished under Airbill No.			Temperature (corrected) 2.3°C
	Relinquished by: D. Deemer	Date: 6/20/03	Time: 1400	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Stoller	Date: 6/21/03	Time: 400	Custody Seal Intact? Yes No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

Revision No 3
Created July 9, 1999

DAIMLERCHRYSLER

Chain-of-Custody

№ 00561 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number. (919) 379-4100 Fax Number (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: Earth Tech Address: 4135 Technology Pkwy Sheboygan, WI 53083 Consultant PM: Rob Stenson Phone: 920-451-2407 Fax: 920-458-0557	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs.
7 calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs	Remarks
MIP-35-25	6/19/03	1215	G	GW	3	X	
MIP-43-70	6/19/03	1345			3	X	> pea-size air bubble in 2 of 40 ml vials @ 6/21/03
MIP-43-35	6/19/03	1420			3	X	
MIP-43-25	6/19/03	1450			3	X	
MIP-11-70	6/19/03	1745			3	X	> pea-size air bubble in all 40 ml vials @ 6/21/03
MIP-11-50	6/19/03	1800			3	X	
MIP-11-20	6/19/03	1815			3	X	
MIP-48-56	6/17/03	1535			3	X	> pea-size air bubble in all 3 of 40 ml vials @ 6/21/03
MIP-48-36	6/17/03	1605			3	X	
MIP-48-31	6/17/03	1625			3	X	

Sampler(s): DD [illegible]	Cooler ID #			Samples Relinquished under Airbill No			Temperature (corrected) 2.3 °C
	Relinquished by: D. Demuler	Date: 6/20/03	Time: 1100	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Schiller	Date: 6/21/03	Time: 1100	Custody Seal Intact? Yes No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

Revision No 3
Created July 9, 1999

DAIMLERCHRYSLER — Chain-of-Custody

№ 00562 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number (919) 379-4100 Fax Number (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: Earth Tech Address: 4135 Technology Pkwy Sheboygan, WI 53083 Consultant PM: Rob Stenson Phone: 920-451-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
(7) calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1 (1)
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs								Remarks
MIP-46-75	6/17/03	1810	G	GW	3	X								
MIP-46-55	6/17/03	1835				X								>pea-size air bubble in all 3.40ml vials (DD) 6/24/03
MIP-46-25	6/17/03	1855				X								
MIP-19-45	6/18/03	0925				X								>pea-size air bubble in all 3.40ml vials (DD) 6/24/03
MIP-19-25	6/18/03	0945				X								
MIP-25-45	6/18/03	1035				X								>pea-size air bubble in all 3.40ml vials (DD) 6/24/03
MIP-25-35	6/18/03	1105				X								
MIP-25-25	6/18/03	1120				X								
MIP-24-55	6/18/03	1215				X								
MIP-24-35	6/18/03	1230				X								

Sampler(s): DD LH	Cooler ID #		Samples Relinquished under Airbill No			Temperature (corrected) 2.3 °C
	Relinquished by: D. Dearden	Date: 6/20/03	Time: 1100	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? (Yes) No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Schuller	Date: 6/24/03	Time: 1100	Custody Seal Intact? (Yes) No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy Data package Yellow Retained by laboratory Pink Retained by sampler

Revision No 3
Created July 9, 1999

DAIMLERCHRYSLER

Chain-of-Custody

№ 00563 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number (919) 379-4100 Fax Number (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: Earth Tech Address: 4135 Technology Pkwy Sheboygan, WI. 53083 Consultant PM: Rob Stenson Phone: 920-457-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
(7) calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1 (1)
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs								Remarks
MIP-24-25	6/18/03	1245	G	GW	3	X								
MIP-15-20	6/18/03	1540			3	X								> pea size air bubble in all 3 total vials @ 6/24/03
MIP-41-45	6/18/03	1725			3	X								
MIP-41-35	6/18/03	1740			3	X								
MIP-41-25	6/18/03	1755			3	X								
MIP-44-55	6/19/03	0940			3	X								
MIP-44-40	6/19/03	1000			3	X								
MIP-44-25	6/19/03	1055			3	X								
MIP-50-50	6/19/03	1155			3	X								> pea size air bubble in all 3 40 ml vials @ 6/24/03
MIP-50-30	6/19/03	1200			3	X								> pea size air bubble in 1 40 ml vial @ 6/24/03

Sampler(s): DD LH	Cooler ID #			Samples Relinquished under Airbill No.			Temperature (corrected) 2.3 C
	Relinquished by: D. December	Date: 6/20/03	Time: 1100	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? (Yes) No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Schiller	Date: 6/24/03	Time: 1100	Custody Seal Intact? Yes (No)

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy: Data package; Yellow: Retained by laboratory; Pink: Retained by sampler

Revision No 3
Created July 9, 1999

DAIMLERCHRYSLER — Chain-of-Custody

№ 00569 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: (919) 379-4100 Fax Number. (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ~~[illegible]~~ ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: EarthTech Address: 4135 Technology Pkwy Sheboygan, WI 53083 Consultant PM: Rob Stenson Phone: 920-451-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
7 calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level 1
DaimlerChrysler Level 2
CLP

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs								Remarks
MIP-64-30	6/18/03	1610	G	GW	3	X								
MIP-64-25	6/18/03	1620			3	X								
MIP-65-65	6/18/03	1825			3	X								pea-size air bubble in all 3 40 ml vials @ 6/21/03
MIP-65-55	6/18/03	1840			3	X								
MIP-65-25	6/18/03	1855			3	X								
MIP-39-70	6/19/03	0950			3	X								
MIP-39-60	6/19/03	1010			3	X								
MIP-39-20	6/19/03	1025			3	X								
MIP-35-60	6/19/03	1150			3	X								pea-size air bubble in 1040 full vial @ 6/21/03
MIP-35-40	6/19/03	1200			3	X								

Sampler(s): DD DH	Cooler ID #			Samples Relinquished under Airbill No			Temperature (corrected) 2.3° C
	Relinquished by: D. Deremler	Date: 6/20/03	Time: 1100	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Schiller	Date: 6/21/03	Time: 1100	Custody Seal Intact? Yes No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink Retained by sampler

Revision No 3
Created July 9, 1999

DAIMLERCHRYSLER — Chain-of-Custody

№ 00564 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number: (919) 379-4100 Fax Number: (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: Earth Tech Address: 4135 Technology Pkwy Sheboygan, WI. 53083 Consultant PM: Rob Stenson Phone: 920-457-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
(7) calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level (1)
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify)

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOCs								Remarks
MIP-50-20	6/19/03	1230	G	GW	2	x								
MIP-53-25	6/19/03	1355	↓	↓	3	x								purge air bubble in all 2" small wells @ 6/21/03
MIP-67-50	6/19/03	1545			3	x								
MIP-67-40	6/19/03	1605			3	x								Samples taken MIP-67-50 @ 1605
MIP-67-25	6/19/03	1615			3	x								purge air bubble @ 6/21/03
MIP-51-50	6/19/03	1800			3	x								
MIP-51-40	6/19/03	1825			3	x								
MIP-51-25	6/19/03	1840			3	x								
EB-062003	6/20/03	1000			3	x								
Trip & Temp. Blank			↓	↓	2	x								

Sampler(s): DD 2H	Cooler ID #		Samples Relinquished under Airbill No			Temperature (corrected) 23°C
	Relinquished by: D. December	Date: 6/20/03	Time: 1100	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? (Yes) No	Relinquished by:	Date:	Time:	Received for Laboratory by: E. Sabiller	Date: 6/21/03	Time: 1100	Custody Seal Intact? (Yes) No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution White copy Data package Yellow Retained by laboratory Pink. Retained by sampler

Revision No 3
Created July 9, 1999

COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 21, 2003 *02.20 PM*

Login Number: X2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
X2974-1	MIP-26-58	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
X2974-2	MIP-26-35	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
X2974-3	MIP-26-25	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
X2974-4	MIP-31-60	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
X2974-5	MIP-31-40	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3	Bottles	
X2974-6	MIP-31-20	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
X2974-7	MIP-18-65	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
X2974-8	MIP-18-40	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	

Signature : Cally Dore

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 21, 2003 *02:20 PM*

Login Number: X2974

Account: CHRYSLER — Chrysler

Project: ET03031 — Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
X2974-9	MIP-18-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3	Bottles	
X2974-10	MIP-64-40	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
X2974-11	MIP-35-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
X2974-12	MIP-43-70	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold· 03-JUL-03	40ml vial	3	Bottles	
X2974-13	MIP-43-35	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
X2974-14	MIP-43-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
X2974-15	MIP-11-70	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
X2974-16	MIP-11-50	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 03-JUL-03	40ml vial	3	Bottles	

Signature : _____

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 21, 2003 *02.20 PM*

Login Number: X2974

Account: CHRYSLER — Chrysler

Project: ET03031 — Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
X2974-17	MIP-11-20	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
X2974-18	MIP-48-56	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
X2974-19	MIP-48-36	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
X2974-20	MIP-48-31	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	

Signature : Sally Dory

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 21, 2003 *02:26 PM*

Login Number: Y2974

Account: CHRYSLER — Chrysler

Project: ET03031 — Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Y2974-1	MIP-46-75	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
Y2974-2	MIP-46-55	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
Y2974-3	MIP-46-25	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	3	Bottles	
Y2974-4	MIP-19-45	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Y2974-5	MIP-19-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Y2974-6	MIP-25-45	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial	3	Bottles	
Y2974-7	MIP-25-35	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3	Bottles	
Y2974-8	MIP-25-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	

Signature : Cally L. Dore

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 21, 2003 *02:26 PM*

Login Number: Y2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Y2974-9	MIP-24-55	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 02-JUL-03	40ml vial	3	Bottles	
Y2974-10	MIP-24-35	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold· 02-JUL-03	40ml vial	3	Bottles	
Y2974-11	MIP-24-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold· 02-JUL-03	40ml vial	3	Bottles	
Y2974-12	MIP-15-20	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3	Bottles	
Y2974-13	MIP-41-45	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Y2974-14	MIP-41-35	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold· 02-JUL-03	40ml vial	3	Bottles	
Y2974-15	MIP-41-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3	Bottles	
Y2974-16	MIP-44-55	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 03-JUL-03	40ml vial	3	Bottles	

Signature : _____

Date : 6/24/03

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 21, 2003 *02:26 PM*

Login Number: Y2974

Account: CHRYSLER - Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Y2974-17	MIP-44-40	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Y2974-18	MIP-44-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Y2974-19	MIP-50-50	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Y2974-20	MIP-50-30	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	

Signature : Cathy Dore

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 21, 2003 *02:33 PM*

Login Number: Z2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Z2974-1	MIP-64-30	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Z2974-2	MIP-64-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Z2974-3	MIP-65-65	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 02-JUL-03	40ml vial	3	Bottles	
Z2974-4	MIP-65-55	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3	Bottles	
Z2974-5	MIP-65-25	18-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 02-JUL-03	40ml vial	3	Bottles	
Z2974-6	MIP-39-70	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-7	MIP-39-60	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-8	MIP-39-20	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold· 03-JUL-03	40ml vial	3	Bottles	

Signature : _____

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 21, 2003 *02.33 PM*

Login Number: Z2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Z2974-9	MIP-35-60	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-10	MIP-35-40	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-11	MIP-50-20	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	2	Bottles	
Z2974-12	MIP-53-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-13	MIP-67-50	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-14	MIP-67-40	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-15	MIP-67-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-16	MIP-51-50	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	

Signature : 44

Date : 6/21/03

COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 21, 2003 *02:33 PM*

Login Number: Z2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
Z2974-17	MIP-51-40	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-18	MIP-51-25	19-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 03-JUL-03	40ml vial	3	Bottles	
Z2974-19	EB-062003	20-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 04-JUL-03	40ml vial	3	Bottles	
Z2974-20	TRIP BLANK	17-JUN-03	21-JUN-03	3	27-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 01-JUL-03	40ml vial	1	Bottles	

Signature : Cally Dore

Date : 6/21/03

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-11-20

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-17

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-17B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5	0.2	J
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5	2	
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	6	B
75-09-2	Methylene Chloride	0.5	0.2	JB
156-60-5	trans-1,2-Dichloroethene	0.5	0.5	J
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	8	
156-59-2	cis-1,2-Dichloroethene	0.5	5	
78-93-3	2-butanone	3	7	
67-66-3	Chloroform	0.5	0.5	
71-55-6	1,1,1-Trichloroethane	0.5	60	E
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.6	
107-06-2	1,2-Dichloroethane	0.5	0.2	J
79-01-6	Trichloroethene	0.5	7	
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	2	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.6	
108-38-3	m,p-Xylene	1	5	
95-47-6	o-Xylene	0.5	3	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-11-20

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-17

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-17B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.4	J
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	9	

FORM I VOA 8260B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-11-20DL

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-17

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-17DA73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 4.2

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	2		U
75-00-3	Chloroethane	2		U
75-35-4	1,1-Dichloroethene	2	2	DJ
75-15-0	Carbon disulfide	2		U
67-64-1	Acetone	10	18	DB
75-09-2	Methylene Chloride	2	2	DB
156-60-5	trans-1,2-Dichloroethene	2	0.5	DJ
1634-04-4	Methyl-tert-butyl ether	2		U
75-34-3	1,1-Dichloroethane	2	8	D
156-59-2	cis-1,2-Dichloroethene	2	5	D
78-93-3	2-butanone	10	3	DJ
67-66-3	Chloroform	2	0.5	DJ
71-55-6	1,1,1-Trichloroethane	2	56	D
56-23-5	Carbon Tetrachloride	2		U
71-43-2	Benzene	2	0.4	DJ
107-06-2	1,2-Dichloroethane	2		U
79-01-6	Trichloroethene	2	6	D
78-87-5	1,2-Dichloropropane	2		U
75-27-4	Bromodichloromethane	2		U
10061-01-5	cis-1,3-Dichloropropene	2		U
108-10-1	4-Methyl-2-pentanone	10		U
108-88-3	Toluene	2	2	DJB
10061-02-6	trans-1,3-Dichloropropene	2		U
79-00-5	1,1,2-Trichloroethane	2		U
127-18-4	Tetrachloroethene	2		U
591-78-6	2-hexanone	10		U
124-48-1	Dibromochloromethane	2		U
108-90-7	Chlorobenzene	2		U
100-41-4	Ethylbenzene	2	0.6	DJ
108-38-3	m,p-Xylene	4	4	D
95-47-6	o-Xylene	2	3	D

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-11-20DL

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-17

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-17DA73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 4.2

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	2		U
75-25-2	Bromoform	2		U
79-34-5	1,1,2,2-Tetrachloroethane	2		U
1330-20-7	Xylene (total)	2	7	D

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-11-50

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-16

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-16B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5	0.3	J
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5	0.2	J
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	11	B
75-09-2	Methylene Chloride	0.5	0.4	JB
156-60-5	trans-1,2-Dichloroethene	0.5	0.8	
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	3	
156-59-2	cis-1,2-Dichloroethene	0.5	9	
78-93-3	2-butanone	3	9	
67-66-3	Chloroform	0.5	0.07	J
71-55-6	1,1,1-Trichloroethane	0.5	6	
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.5	
107-06-2	1,2-Dichloroethane	0.5	0.7	
79-01-6	Trichloroethene	0.5	12	
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	1	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	J
108-38-3	m,p-Xylene	1	2	
95-47-6	o-Xylene	0.5	1	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-11-50

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-16

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-16B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	3	

FORM I VOA 8260B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-11-70

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-15

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-15B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5	0.2	J
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	14	B
75-09-2	Methylene Chloride	0.5	0.4	JB
156-60-5	trans-1,2-Dichloroethene	0.5	0.2	J
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	2	
156-59-2	cis-1,2-Dichloroethene	0.5	3	
78-93-3	2-butanone	3	13	
67-66-3	Chloroform	0.5	0.06	J
71-55-6	1,1,1-Trichloroethane	0.5	3	
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	2	
107-06-2	1,2-Dichloroethane	0.5	0.4	J
79-01-6	Trichloroethene	0.5	5	
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	4	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	1	
108-38-3	m,p-Xylene	1	10	
95-47-6	o-Xylene	0.5	8	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-11-70

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-15

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-15B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	19	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-18-25

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-9

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-9A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	0.1	J
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.09	J
67-64-1	Acetone	3	2	JB
75-09-2	Methylene Chloride	0.5	0.2	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5	0.1	J
75-34-3	1,1-Dichloroethane	0.5	0.2	J
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5	4	
71-55-6	1,1,1-Trichloroethane	0.5	0.9	
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.1	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.06	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.4	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.09	J
108-38-3	m,p-Xylene	1	0.1	J
95-47-6	o-Xylene	0.5	0.04	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-18-25

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-9

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-9A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.2	J

FORM I VOA 8260B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-18-40

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-8

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-8A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	3	B
75-09-2	Methylene Chloride	0.5	0.4	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5	0.7	
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	5	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.09	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.4	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.1	J
108-38-3	m,p-Xylene	1	0.2	J
95-47-6	o-Xylene	0.5	0.06	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-18-40

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-8

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-8A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.2	J

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-18-65

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-7

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-7A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	40	B
75-09-2	Methylene Chloride	0.5	0.4	JB
156-60-5	trans-1,2-Dichloroethene	0.5	0.04	J
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	17	
67-66-3	Chloroform	0.5	0.1	J
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.4	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.1	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	1	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.2	J
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5	0.08	J
100-41-4	Ethylbenzene	0.5	0.3	J
108-38-3	m,p-Xylene	1	0.5	J
95-47-6	o-Xylene	0.5	0.2	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-18-65

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-7

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-7A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.1	JB
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.7	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-18-65RE

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-7

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-7RB73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	46	B
75-09-2	Methylene Chloride	0.5	0.6	B
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	21	
67-66-3	Chloroform	0.5	0.2	J
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.7	
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.08	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	3	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	1	
108-38-3	m,p-Xylene	1	1	
95-47-6	o-Xylene	0.5	0.6	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-18-65RE

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-7

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-7RB73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5--------	Styrene	0.5	0.4	J
75-25-2---------	Bromoform	0.5		U
79-34-5---------	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7-------	Xylene (total)	0.5	2	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-26-25

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-3A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.09	J
67-64-1	Acetone	3	3	B
75-09-2	Methylene Chloride	0.5	0.2	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	6	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.2	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.6	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	J
108-38-3	m,p-Xylene	1	0.3	J
95-47-6	o-Xylene	0.5	0.1	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-26-25

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-3A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.04	JB
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.4	J

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-26-35

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-2A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	3	B
75-09-2	Methylene Chloride	0.5	0.1	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	5	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.1	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.03	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.5	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.1	J
108-38-3	m,p-Xylene	1	0.2	J
95-47-6	o-Xylene	0.5	0.07	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-26-35

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-2A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.03	JB
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.3	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-26-58

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-1A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	8	B
75-09-2	Methylene Chloride	0.5	0.2	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	6	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.5	
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.5	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.06	J
108-38-3	m,p-Xylene	1	0.09	J
95-47-6	o-Xylene	0.5	0.05	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-26-58

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-1A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.1	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-31-20

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-6

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-6A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	4	B
75-09-2	Methylene Chloride	0.5	0.3	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5	0.2	J
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5	0.08	J
78-93-3	2-butanone	3	4	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.1	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.2	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.4	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.04	J
108-38-3	m,p-Xylene	1	0.08	J
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-31-20

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-6

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-6A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.09	J

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-31-40

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-5A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.2	J
67-64-1	Acetone	3	4	B
75-09-2	Methylene Chloride	0.5	0.1	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5	0.2	J
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	2	J
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.1	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.6	
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.4	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.06	J
108-38-3	m,p-Xylene	1	0.08	J
95-47-6	o-Xylene	0.5	0.05	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-31-40

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-5A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.1	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-31-60

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-4A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	8	B
75-09-2	Methylene Chloride	0.5	0.2	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5	0.1	J
78-93-3	2-butanone	3	5	
67-66-3	Chloroform	0.5	0.03	J
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.3	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	2	
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.6	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5	0.02	J
100-41-4	Ethylbenzene	0.5	0.09	J
108-38-3	m,p-Xylene	1	0.2	J
95-47-6	o-Xylene	0.5	0.06	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-31-60

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-4A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.2	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-35-25

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-11

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-11DB73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	2		U
75-00-3	Chloroethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-15-0	Carbon disulfide	2		U
67-64-1	Acetone	10	15	B
75-09-2	Methylene Chloride	2	1	JB
156-60-5	trans-1,2-Dichloroethene	2		U
1634-04-4	Methyl-tert-butyl ether	2		U
75-34-3	1,1-Dichloroethane	2		U
156-59-2	cis-1,2-Dichloroethene	2	0.5	J
78-93-3	2-butanone	10	8	J
67-66-3	Chloroform	2	1	J
71-55-6	1,1,1-Trichloroethane	2	0.7	J
56-23-5	Carbon Tetrachloride	2	0.4	J
71-43-2	Benzene	2	0.2	J
107-06-2	1,2-Dichloroethane	2		U
79-01-6	Trichloroethene	2	60	
78-87-5	1,2-Dichloropropane	2		U
75-27-4	Bromodichloromethane	2		U
10061-01-5	cis-1,3-Dichloropropene	2		U
108-10-1	4-Methyl-2-pentanone	10		U
108-88-3	Toluene	2	0.7	JB
10061-02-6	trans-1,3-Dichloropropene	2		U
79-00-5	1,1,2-Trichloroethane	2		U
127-18-4	Tetrachloroethene	2		U
591-78-6	2-hexanone	10		U
124-48-1	Dibromochloromethane	2		U
108-90-7	Chlorobenzene	2		U
100-41-4	Ethylbenzene	2	0.3	J
108-38-3	m,p-Xylene	4	0.2	J
95-47-6	o-Xylene	2		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-35-25

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-11

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-11DB73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 4.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	2		U
75-25-2	Bromoform	2		U
79-34-5	1,1,2,2-Tetrachloroethane	2		U
1330-20-7	Xylene (total)	2	0.3	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-43-25

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-14

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-14B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.2	J
67-64-1	Acetone	3	6	B
75-09-2	Methylene Chloride	0.5	0.5	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5	0.04	J
78-93-3	2-butanone	3	6	
67-66-3	Chloroform	0.5	0.2	J
71-55-6	1,1,1-Trichloroethane	0.5	0.4	J
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.1	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	2	
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.3	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.04	J
108-38-3	m,p-Xylene	1	0.07	J
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-43-25

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-14

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-14B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.08	J

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1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-43-35

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-13

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-13B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.3	J
67-64-1	Acetone	3	5	B
75-09-2	Methylene Chloride	0.5	0.3	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5	0.1	J
78-93-3	2-butanone	3	7	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.1	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.03	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.4	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.07	J
108-38-3	m,p-Xylene	1	0.1	J
95-47-6	o-Xylene	0.5	0.04	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-43-35

Project: ET03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-13

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-13B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.03	J
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.2	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-43-70

Project: ER03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-12

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-12B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5	0.2	J
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.4	J
67-64-1	Acetone	3	4	B
75-09-2	Methylene Chloride	0.5	0.4	JB
156-60-5	trans-1,2-Dichloroethene	0.5	0.05	J
1634-04-4	Methyl-tert-butyl ether	0.5	0.1	J
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5	1	
78-93-3	2-butanone	3	5	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.2	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.03	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.5	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.1	J
108-38-3	m,p-Xylene	1	0.2	J
95-47-6	o-Xylene	0.5	0.06	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-43-70

Project: ER03031 Date Sampled: 06/19/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-12

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-12B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.04	J
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.3	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-31

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-20

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-20B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.4	J
67-64-1	Acetone	3	43	B
75-09-2	Methylene Chloride	0.5	1	B
156-60-5	trans-1,2-Dichloroethene	0.5	0.03	J
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	0.2	J
156-59-2	cis-1,2-Dichloroethene	0.5	2	
78-93-3	2-butanone	3	27	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	2	
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.4	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	8	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.9	
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	1	
108-38-3	m,p-Xylene	1	2	
95-47-6	o-Xylene	0.5	0.5	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-31

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-20

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-20B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.1	J
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	2	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-31RE

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-20

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-20DA73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	5		U
75-01-4	Vinyl Chloride	5		U
74-83-9	Bromomethane	5		U
75-00-3	Chloroethane	5		U
75-35-4	1,1-Dichloroethene	5		U
75-15-0	Carbon disulfide	5		U
67-64-1	Acetone	25	60	B
75-09-2	Methylene Chloride	5	5	JB
156-60-5	trans-1,2-Dichloroethene	5		U
1634-04-4	Methyl-tert-butyl ether	5		U
75-34-3	1,1-Dichloroethane	5		U
156-59-2	cis-1,2-Dichloroethene	5	2	J
78-93-3	2-butanone	25		U
67-66-3	Chloroform	5		U
71-55-6	1,1,1-Trichloroethane	5		U
56-23-5	Carbon Tetrachloride	5		U
71-43-2	Benzene	5	2	J
107-06-2	1,2-Dichloroethane	5		U
79-01-6	Trichloroethene	5	0.3	J
78-87-5	1,2-Dichloropropane	5		U
75-27-4	Bromodichloromethane	5		U
10061-01-5	cis-1,3-Dichloropropene	5		U
108-10-1	4-Methyl-2-pentanone	25		U
108-88-3	Toluene	5	2	JB
10061-02-6	trans-1,3-Dichloropropene	5		U
79-00-5	1,1,2-Trichloroethane	5		U
127-18-4	Tetrachloroethene	5		U
591-78-6	2-hexanone	25		U
124-48-1	Dibromochloromethane	5		U
108-90-7	Chlorobenzene	5		U
100-41-4	Ethylbenzene	5	0.3	J
108-38-3	m,p-Xylene	10		U
95-47-6	o-Xylene	5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-31RE

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-20

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-20DA73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 10.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	5		U
75-25-2	Bromoform	5		U
79-34-5	1,1,2,2-Tetrachloroethane	5		U
1330-20-7	Xylene (total)	5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-36

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-19

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-19B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.3	J
67-64-1	Acetone	3	34	B
75-09-2	Methylene Chloride	0.5	1	B
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	0.5	
156-59-2	cis-1,2-Dichloroethene	0.5	0.6	
78-93-3	2-butanone	3	18	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	1	
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.2	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	2	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.9	
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	J
108-38-3	m,p-Xylene	1	0.4	J
95-47-6	o-Xylene	0.5	0.09	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-36

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-19

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-19B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.5	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-36RE

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-19

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-19RA73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	11	B
75-09-2	Methylene Chloride	0.5	0.6	B
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	0.3	J
156-59-2	cis-1,2-Dichloroethene	0.5	0.4	J
78-93-3	2-butanone	3	7	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.3	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.1	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.5	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.2	J
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.05	J
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5	0.06	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-36RE

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-19

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-19RA73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.06	J

FORM I VOA 8260B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-56

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-18

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-18B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	0.2	J
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.6	
67-64-1	Acetone	3	28	B
75-09-2	Methylene Chloride	0.5	2	B
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	0.5	J
156-59-2	cis-1,2-Dichloroethene	0.5	0.4	J
78-93-3	2-butanone	3	14	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5	0.2	J
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	1	
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.4	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	5	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	2	
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.8	
108-38-3	m,p-Xylene	1	0.7	J
95-47-6	o-Xylene	0.5	0.6	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-56

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-18

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-18B73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	1	

FORM I VOA 8260B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-56DL

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-18

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-18DA73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 12.5

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	6		U
75-01-4	Vinyl Chloride	6		U
74-83-9	Bromomethane	6		U
75-00-3	Chloroethane	6		U
75-35-4	1,1-Dichloroethene	6		U
75-15-0	Carbon disulfide	6		U
67-64-1	Acetone	31	44	DB
75-09-2	Methylene Chloride	6	4	DJB
156-60-5	trans-1,2-Dichloroethene	6		U
1634-04-4	Methyl-tert-butyl ether	6		U
75-34-3	1,1-Dichloroethane	6		U
156-59-2	cis-1,2-Dichloroethene	6		U
78-93-3	2-butanone	31		U
67-66-3	Chloroform	6		U
71-55-6	1,1,1-Trichloroethane	6		U
56-23-5	Carbon Tetrachloride	6		U
71-43-2	Benzene	6		U
107-06-2	1,2-Dichloroethane	6		U
79-01-6	Trichloroethene	6		U
78-87-5	1,2-Dichloropropane	6		U
75-27-4	Bromodichloromethane	6		U
10061-01-5	cis-1,3-Dichloropropene	6		U
108-10-1	4-Methyl-2-pentanone	31		U
108-88-3	Toluene	6		U
10061-02-6	trans-1,3-Dichloropropene	6		U
79-00-5	1,1,2-Trichloroethane	6		U
127-18-4	Tetrachloroethene	6		U
591-78-6	2-hexanone	31		U
124-48-1	Dibromochloromethane	6		U
108-90-7	Chlorobenzene	6		U
100-41-4	Ethylbenzene	6		U
108-38-3	m,p-Xylene	13		U
95-47-6	o-Xylene	6		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-48-56DL

Project: ET03031 Date Sampled: 06/17/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-18

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2974-18DA73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 12.5

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	6		U
75-25-2	Bromoform	6		U
79-34-5	1,1,2,2-Tetrachloroethane	6		U
1330-20-7	Xylene (total)	6		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-64-40

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-10

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-10A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	7	B
75-09-2	Methylene Chloride	0.5	0.3	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5	2	
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	8	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5	0.2	J
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.2	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.2	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.4	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.08	J
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.1	J
108-38-3	m,p-Xylene	1	0.1	J
95-47-6	o-Xylene	0.5	0.07	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MIP-64-40

Project: ET03031 Date Sampled: 06/18/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: X2974-10

Sample wt/vol: 25 (g/ml) ML Lab File ID: X2794-10A73

Level: (low/med) LOW Date Received: 06/21/03

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.2	JB
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.2	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSKLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-4A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	6	
75-01-4	Vinyl Chloride	0.5	7	
74-83-9	Bromomethane	0.5	6	
75-00-3	Chloroethane	0.5	6	
75-35-4	1,1-Dichloroethene	0.5	5	
75-15-0	Carbon disulfide	0.5	5	
67-64-1	Acetone	3	29	B
75-09-2	Methylene Chloride	0.5	5	B
156-60-5	trans-1,2-Dichloroethene	0.5	6	
1634-04-4	Methyl-tert-butyl ether	0.5	6	
75-34-3	1,1-Dichloroethane	0.5	6	
156-59-2	cis-1,2-Dichloroethene	0.5	6	
78-93-3	2-butanone	3	33	
67-66-3	Chloroform	0.5	6	
71-55-6	1,1,1-Trichloroethane	0.5	6	
56-23-5	Carbon Tetrachloride	0.5	6	
71-43-2	Benzene	0.5	6	
107-06-2	1,2-Dichloroethane	0.5	6	
79-01-6	Trichloroethene	0.5	6	
78-87-5	1,2-Dichloropropane	0.5	6	
75-27-4	Bromodichloromethane	0.5	5	
10061-01-5	cis-1,3-Dichloropropene	0.5	6	
108-10-1	4-Methyl-2-pentanone	3	27	
108-88-3	Toluene	0.5	5	B
10061-02-6	trans-1,3-Dichloropropene	0.5	5	
79-00-5	1,1,2-Trichloroethane	0.5	5	
127-18-4	Tetrachloroethene	0.5	5	
591-78-6	2-hexanone	3	32	
124-48-1	Dibromochloromethane	0.5	5	
108-90-7	Chlorobenzene	0.5	6	
100-41-4	Ethylbenzene	0.5	6	
108-38-3	m,p-Xylene	1	12	
95-47-6	o-Xylene	0.5	6	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSKLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-4A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	6	B
75-25-2	Bromoform	0.5	5	
79-34-5	1,1,2,2-Tetrachloroethane	0.5	5	
1330-20-7	Xylene (total)	0.5	19	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSMLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-4B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	4	
75-01-4	Vinyl Chloride	0.5	4	
74-83-9	Bromomethane	0.5	5	
75-00-3	Chloroethane	0.5	4	
75-35-4	1,1-Dichloroethene	0.5	4	
75-15-0	Carbon disulfide	0.5	5	
67-64-1	Acetone	3	18	B
75-09-2	Methylene Chloride	0.5	5	B
156-60-5	trans-1,2-Dichloroethene	0.5	5	
1634-04-4	Methyl-tert-butyl ether	0.5	5	
75-34-3	1,1-Dichloroethane	0.5	5	
156-59-2	cis-1,2-Dichloroethene	0.5	5	
78-93-3	2-butanone	3	24	
67-66-3	Chloroform	0.5	5	
71-55-6	1,1,1-Trichloroethane	0.5	5	
56-23-5	Carbon Tetrachloride	0.5	5	
71-43-2	Benzene	0.5	5	
107-06-2	1,2-Dichloroethane	0.5	6	
79-01-6	Trichloroethene	0.5	5	
78-87-5	1,2-Dichloropropane	0.5	5	
75-27-4	Bromodichloromethane	0.5	5	
10061-01-5	cis-1,3-Dichloropropene	0.5	6	
108-10-1	4-Methyl-2-pentanone	3	25	
108-88-3	Toluene	0.5	4	B
10061-02-6	trans-1,3-Dichloropropene	0.5	5	
79-00-5	1,1,2-Trichloroethane	0.5	5	
127-18-4	Tetrachloroethene	0.5	5	
591-78-6	2-hexanone	3	29	
124-48-1	Dibromochloromethane	0.5	5	
108-90-7	Chlorobenzene	0.5	5	
100-41-4	Ethylbenzene	0.5	4	
108-38-3	m,p-Xylene	1	9	
95-47-6	o-Xylene	0.5	5	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSMLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-4

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-4B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	5	
75-25-2	Bromoform	0.5	5	
79-34-5	1,1,2,2-Tetrachloroethane	0.5	6	
1330-20-7	Xylene (total)	0.5	15	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSLLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-5A73_Y

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5	6	
75-01-4	Vinyl Chloride	0.5	7	
74-83-9	Bromomethane	0.5	6	
75-00-3	Chloroethane	0.5	6	
75-35-4	1,1-Dichloroethene	0.5	5	
75-15-0	Carbon disulfide	0.5	5	
67-64-1	Acetone	3	23	B
75-09-2	Methylene Chloride	0.5	5	B
156-60-5	trans-1,2-Dichloroethene	0.5	5	
1634-04-4	Methyl-tert-butyl ether	0.5	5	
75-34-3	1,1-Dichloroethane	0.5	5	
156-59-2	cis-1,2-Dichloroethene	0.5	5	
78-93-3	2-butanone	3	26	
67-66-3	Chloroform	0.5	5	
71-55-6	1,1,1-Trichloroethane	0.5	5	
56-23-5	Carbon Tetrachloride	0.5	5	
71-43-2	Benzene	0.5	6	
107-06-2	1,2-Dichloroethane	0.5	5	
79-01-6	Trichloroethene	0.5	5	
78-87-5	1,2-Dichloropropane	0.5	5	
75-27-4	Bromodichloromethane	0.5	5	
10061-01-5	cis-1,3-Dichloropropene	0.5	5	
108-10-1	4-Methyl-2-pentanone	3	25	
108-88-3	Toluene	0.5	5	B
10061-02-6	trans-1,3-Dichloropropene	0.5	5	
79-00-5	1,1,2-Trichloroethane	0.5	5	
127-18-4	Tetrachloroethene	0.5	6	
591-78-6	2-hexanone	3	27	
124-48-1	Dibromochloromethane	0.5	5	
108-90-7	Chlorobenzene	0.5	5	
100-41-4	Ethylbenzene	0.5	6	
108-38-3	m,p-Xylene	1	11	
95-47-6	o-Xylene	0.5	6	

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VSLLCS

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-5

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-5A73_Y

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	6	
75-25-2	Bromoform	0.5	5	
79-34-5	1,1,2,2-Tetrachloroethane	0.5	5	
1330-20-7	Xylene (total)	0.5	18	

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

	CLIENT SAMPLE NO.	SMC1 (DBF) #	SMC2 (DCE) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
01	VBLKSK	82	80	89	94	0
02	VSKLCS	92	88	87	96	0
03	MIP-26-58	84	79	90	93	0
04	MIP-26-35	87	87	91	93	0
05	MIP-26-25	86	83	91	91	0
06	MIP-31-60	92	90	92	92	0
07	MIP-31-40	90	92	87	95	0
08	MIP-31-20	87	85	87	94	0
09	MIP-18-65	85	95	90	111	0
10	MIP-18-40	88	85	84	94	0
11	MIP-18-25	86	86	85	93	0
12	MIP-64-40	91	88	83	91	0
13	VBLKSM	86	83	85	93	0
14	VSMLCS	90	90	82	93	0
15	MIP-18-65RE	42*	104	123	192*	2
16	MIP-35-25	86	85	79	97	0
17	MIP-43-70	96	96	88	93	0
18	MIP-43-35	97	90	89	89	0
19	MIP-43-25	91	94	82	88	0
20	MIP-11-70	92	92	91	82	0
21	MIP-11-50	88	87	87	91	0
22	MIP-11-20	91	87	86	88	0
23	MIP-48-56	112	293*	185*	138	2
24	MIP-48-36	175*	249*	181*	274*	4
25	MIP-48-31	143	225*	144	233*	2
26	VBLKSL	80	74	82	88	0
27	VSLLCS	80	80	87	95	0
28	MIP-11-20DL	83	75	93	92	0

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(65-150)
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(59-150)
SMC3 (TOL)	= Toluene-d8	(61-145)
SMC4 (BFB)	= Bromofluorobenzene	(63-143)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

	CLIENT SAMPLE NO.	SMC1 (DBF) #	SMC2 (DCE) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
01	MIP-48-56DL	88	84	87	96	0
02	MIP-48-36RE	114	124	121	211*	1
03	MIP-48-31RE	97	101	101	137	0
04						
05						
06						
07						
08						
09						
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11						
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24						
25						
26						
27						
28						

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(65-150)
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(59-150)
SMC3 (TOL)	= Toluene-d8	(61-145)
SMC4 (BFB)	= Bromofluorobenzene	(63-143)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3A
WATER VOLATILE LAB CONTROL SAMPLE

VSKLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.00	6.12	122	50-141
Vinyl Chloride	5.00	6.61	132	49-142
Bromomethane	5.00	5.74	115	54-150
Chloroethane	5.00	6.14	123	61-150
1,1-Dichloroethene	5.00	5.05	101	50-150
Carbon disulfide	5.00	5.36	107	50-150
Acetone	25.00	29.19	117	50-142
Methylene Chloride	5.00	5.07	101	50-149
trans-1,2-Dichloroethen	5.00	5.71	114	60-143
Methyl-tert-butyl ether	5.00	5.57	111	50-150
1,1-Dichloroethane	5.00	5.65	113	63-140
cis-1,2-Dichloroethene	5.00	5.92	118	58-148
2-butanone	25.00	32.85	131	50-150
Chloroform	5.00	5.83	117	57-146
1,1,1-Trichloroethane	5.00	5.54	111	58-150
Carbon Tetrachloride	5.00	5.78	116	50-150
Benzene	5.00	5.56	111	76-134
1,2-Dichloroethane	5.00	5.58	112	58-143
Trichloroethene	5.00	5.55	111	71-143
1,2-Dichloropropane	5.00	5.54	111	59-138
Bromodichloromethane	5.00	5.43	109	63-139
cis-1,3-Dichloropropene	5.00	5.80	116	56-142
4-Methyl-2-pentanone	25.00	26.79	107	50-145
Toluene	5.00	5.46	109	70-137
trans-1,3-Dichloroprope	5.00	5.03	101	61-135
1,1,2-Trichloroethane	5.00	4.96	99	60-133
Tetrachloroethene	5.00	5.36	107	59-150
2-hexanone	25.00	31.58	126	50-142

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

* Values outside of QC limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VSKLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	5.00	4.88	98	69-136
Chlorobenzene	5.00	5.62	112	74-136
Ethylbenzene	5.00	5.86	117	63-136
Styrene	5.00	5.52	110	62-133
Bromoform	5.00	4.86	97	58-144
1,1,2,2-Tetrachloroetha	5.00	5.48	110	43-139
Xylene (total)	15.00	18.58	124	63-136

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

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VSMLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.00	4.38	88	50-141
Vinyl Chloride	5.00	4.19	84	49-142
Bromomethane	5.00	4.89	98	54-150
Chloroethane	5.00	4.47	89	61-150
1,1-Dichloroethene	5.00	4.30	86	50-150
Carbon disulfide	5.00	4.67	93	50-150
Acetone	25.00	18.27	73	50-142
Methylene Chloride	5.00	5.01	100	50-149
trans-1,2-Dichloroethen	5.00	4.88	98	60-143
Methyl-tert-butyl ether	5.00	5.10	102	50-150
1,1-Dichloroethane	5.00	5.03	101	63-140
cis-1,2-Dichloroethene	5.00	5.32	106	58-148
2-butanone	25.00	24.24	97	50-150
Chloroform	5.00	5.27	105	57-146
1,1,1-Trichloroethane	5.00	4.69	94	58-150
Carbon Tetrachloride	5.00	4.59	92	50-150
Benzene	5.00	5.23	105	76-134
1,2-Dichloroethane	5.00	5.69	114	58-143
Trichloroethene	5.00	5.05	101	71-143
1,2-Dichloropropane	5.00	5.17	103	59-138
Bromodichloromethane	5.00	5.23	105	63-139
cis-1,3-Dichloropropene	5.00	5.71	114	56-142
4-Methyl-2-pentanone	25.00	24.99	100	50-145
Toluene	5.00	4.36	87	70-137
trans-1,3-Dichloroprope	5.00	5.05	101	61-135
1,1,2-Trichloroethane	5.00	4.65	93	60-133
Tetrachloroethene	5.00	4.80	96	59-150
2-hexanone	25.00	29.17	117	50-142

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

* Values outside of QC limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VSMLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	5.00	4.78	96	69-136
Chlorobenzene	5.00	5.00	100	74-136
Ethylbenzene	5.00	4.47	89	63-136
Styrene	5.00	5.04	101	62-133
Bromoform	5.00	4.80	96	58-144
1,1,2,2-Tetrachloroetha	5.00	6.03	121	43-139
Xylene (total)	15.00	15.16	101	63-136

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

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS: _____

3A
WATER VOLATILE LAB CONTROL SAMPLE

VSLLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.00	5.90	118	50-141
Vinyl Chloride	5.00	6.87	137	49-142
Bromomethane	5.00	5.91	118	54-150
Chloroethane	5.00	6.39	128	61-150
1,1-Dichloroethene	5.00	4.81	96	50-150
Carbon disulfide	5.00	5.12	102	50-150
Acetone	25.00	23.21	93	50-142
Methylene Chloride	5.00	4.77	95	50-149
trans-1,2-Dichloroethen	5.00	5.45	109	60-143
Methyl-tert-butyl ether	5.00	4.64	93	50-150
1,1-Dichloroethane	5.00	5.21	104	63-140
cis-1,2-Dichloroethene	5.00	5.28	106	58-148
2-butanone	25.00	26.43	106	50-150
Chloroform	5.00	5.08	102	57-146
1,1,1-Trichloroethane	5.00	5.38	108	58-150
Carbon Tetrachloride	5.00	5.43	109	50-150
Benzene	5.00	5.55	111	76-134
1,2-Dichloroethane	5.00	4.97	99	58-143
Trichloroethene	5.00	5.32	106	71-143
1,2-Dichloropropane	5.00	5.24	105	59-138
Bromodichloromethane	5.00	4.85	97	63-139
cis-1,3-Dichloropropene	5.00	5.05	101	56-142
4-Methyl-2-pentanone	25.00	24.73	99	50-145
Toluene	5.00	5.38	108	70-137
trans-1,3-Dichloroprope	5.00	4.80	96	61-135
1,1,2-Trichloroethane	5.00	4.95	99	60-133
Tetrachloroethene	5.00	5.74	115	59-150
2-hexanone	25.00	27.36	109	50-142

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

* Values outside of QC limits

COMMENTS:

3A
WATER VOLATILE LAB CONTROL SAMPLE

VSLLCS

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dibromochloromethane	5.00	4.92	98	69-136
Chlorobenzene	5.00	5.45	109	74-136
Ethylbenzene	5.00	5.59	112	63-136
Styrene	5.00	5.56	111	62-133
Bromoform	5.00	4.67	93	58-144
1,1,2,2-Tetrachloroetha	5.00	5.22	104	43-139
Xylene (total)	15.00	17.75	118	63-136

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

* Values outside of QC limits

Spike Recovery: 0 out of 35 outside limits

COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKSK

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Lab File ID: WG25087-1A73 Lab Sample ID: WG25087-1

Date Analyzed: 06/24/03 Time Analyzed: 1410

GC Column: ZB-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 5972HP73

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VSKLCS	WG25087-4	WG25087-4A73	1444
02	MIP-26-58	X2974-1	X2794-1A73	1528
03	MIP-26-35	X2974-2	X2794-2A73	1555
04	MIP-26-25	X2974-3	X2794-3A73	1621
05	MIP-31-60	X2974-4	X2794-4A73	1648
06	MIP-31-40	X2974-5	X2794-5A73	1715
07	MIP-31-20	X2974-6	X2794-6A73	1741
08	MIP-18-65	X2974-7	X2794-7A73	1808
09	MIP-18-40	X2974-8	X2794-8A73	1834
10	MIP-18-25	X2974-9	X2794-9A73	1901
11	MIP-64-40	X2974-10	X2794-10A73	1928
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COMMENTS:

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSK

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-1A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	3	J
75-09-2	Methylene Chloride	0.5	0.1	J
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.2	J
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSK

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-1

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-1A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.08	J
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5		U

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKSM

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Lab File ID: WG25087-1B73 Lab Sample ID: WG25087-3

Date Analyzed: 06/24/03 Time Analyzed: 2257

GC Column: ZB-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 5972HP73

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VSMLCS	WG25087-4	WG25087-4B73	2331
02	MIP-18-65RE	X2974-7	X2974-7RB73	0007
03	MIP-35-25	X2974-11	X2974-11DB73	0033
04	MIP-43-70	X2974-12	X2974-12B73	0100
05	MIP-43-35	X2974-13	X2974-13B73	0126
06	MIP-43-25	X2974-14	X2974-14B73	0153
07	MIP-11-70	X2974-15	X2974-15B73	0220
08	MIP-11-50	X2974-16	X2974-16B73	0247
09	MIP-11-20	X2974-17	X2974-17B73	0313
10	MIP-48-56	X2974-18	X2974-18B73	0340
11	MIP-48-36	X2974-19	X2974-19B73	0406
12	MIP-48-31	X2974-20	X2974-20B73	0433
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COMMENTS:

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSM

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-1B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	2	J
75-09-2	Methylene Chloride	0.5	0.1	J
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.06	J
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSM

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-1B73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/24/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5		U

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO

VBLKSL

Lab Name: COMPUCHEM Contract: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Lab File ID: WG25087-2A73 Lab Sample ID: WG25087-2

Date Analyzed: 06/25/03 Time Analyzed: 1340

GC Column: ZB-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: 5972HP73

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VSLLCS	WG25087-5	WG25087-5A73	1413
02	MIP-11-20DL	X2974-17	X2974-17DA73	1500
03	MIP-48-56DL	X2974-18	X2974-18DA73	1527
04	MIP-48-36RE	X2974-19	X2974-19RA73	1553
05	MIP-48-31RE	X2974-20	X2974-20DA73	1620
06				
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08				
09				
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COMMENTS:

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSL

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-2A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	3	J
75-09-2	Methylene Chloride	0.5	0.3	J
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5		U
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5		U
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.05	J
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5		U
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5		U
108-38-3	m,p-Xylene	1		U
95-47-6	o-Xylene	0.5		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKSL

Project: ET03031 Date Sampled:

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: X2974

Matrix: (soil/water) WATER Lab Sample ID: WG25087-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: WG25087-2A73

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 06/25/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5		U

COMPUCHEM

a division of Liberty Analytical Corp.

June 18, 2003

Earth Tech
~~CHRYSLER~~ 6/18/03
36133 Schoolcraft Road
Attn Justin Kelley
Livonia, MI 48150

16. VOA
on line

Subject
Report of Data – Project: ET03031 Quote #: Q2974 SDG #: U2974

Attn . Earth Tech

Enclosed are the results of analytical work performed in accordance with the referenced account number.

This report covers sample(s) appearing on the attached listing

Thank you for selecting CompuChem for your sample analysis If you should have questions or require additional analytical services, please contact your representative at 1-800-833-5097

Sincerely,

CompuChem
A Division of Liberty Analytical

Attachment

TOTAL NUMBER OF PAGES 104

501 Madison Avenue ■ Cary, N C 27513 ■ Tel 919-379-4100 ■ Fax 919-379-4050

SAMPLENUM	CLIENTID	QUOTENUMREF	LOGINNUM	MATNUM	ACCTNUM	PROJECTNUM	RECEIVEDATE
U2974-12	M1P-30-15	Q2974	U2974	WA	CHRYSLER	ET03031	6/12/03
U2974-11	M1P-30-35	Q2974	U2974	WA	CHRYSLER	ET03031	6/12/03
U2974-10	M1P-30-50	Q2974	U2974	WA	CHRYSLER	ET03031	6/12/03
U2974-9	M1P-33-15	Q2974	U2974	WA	CHRYSLER	ET03031	6/12/03
U2974-8	M1P-33-25	Q2974	U2974	WA	CHRYSLER	ET03031	6/12/03
U2974-7	M1P-33-35	Q2974	U2974	WA	CHRYSLER	ET03031	6/12/03
U2974-3	M1P-34-15	Q2974	U2974	WA	CHRYSLER	ET03031	6/10/03
U2974-2	M1P-34-40	Q2974	U2974	WA	CHRYSLER	ET03031	6/10/03
U2974-1	M1P-34-55	Q2974	U2974	WA	CHRYSLER	ET03031	6/10/03
U2974-15	M1P-37-25	Q2974	U2974	WA	CHRYSLER	ET03031	6/12/03
U2974-14	M1P-37-30	Q2974	U2974	WA	CHRYSLER	ET03031	6/12/03
U2974-13	M1P-37-50	Q2974	U2974	WA	CHRYSLER	ET03031	6/12/03
U2974-5	M1P-40-25	Q2974	U2974	WA	CHRYSLER	ET03031	6/10/03
U2974-4	M1P-40-35	Q2974	U2974	WA	CHRYSLER	ET03031	6/10/03
U2974-6	TRIP BLANK1	Q2974	U2974	WA	CHRYSLER	ET03031	6/10/03
U2974-16	TRIP BLANK2	Q2974	U2974	WA	CHRYSLER	ET03031	6/12/03

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG #U2974

SAMPLE IDENTIFICATIONS: M1P-34-55(DL) M1P-34-40(DL) M1P-34-15(DL) M1P-40-35(DL) M1P-40-25(DL) TRIP BLANK1 M1P-33-35(DL) M1P-33-25(DL) M1P-33-15(DL) M1P-30-50 M1P-30-35 M1P-30-15 M1P-37-30(DL) M1P-37-50(DL) M1P-37-25(DL) TRIP BLANK2

The sixteen water samples listed above were received intact at 2.3, and 2.4 degrees C, with proper documentation, in sealed shipping containers, on June 10, and 12, 2003. All samples were submitted for volatile only analysis, and were prepared and analyzed following SW846 Method 8260B. All pertinent Quality Assurance Notices are included in the narrative section, and all pertinent Laboratory Notices for SDG # U2974 are included in the sample data sections.
Analysis holding time requirements were met for all of these samples, and sample pH values were only less than 2.0 for TRIP BLANK1, TRIPBLANK2, M1P-34-15, and M1P-34-55.

The volatile target analytes acetone, 2-butanone, toluene, 1,1-dichloroethene, 1,1-dichloroethane, cis, and trans-1,2-dichloroethene, trichloroethene, 1,1,1-trichloroethane, chloroform, carbon tetrachloride, and tetrachloroethene were the most frequently identified above the reporting limits in the submitted samples.
The initial neat analyses of samples M1P-34-55, M1P-34-40, M1P-34-15, M1P-40-35, M1P-40-25, M1P-33-35, M1P-33-25, M1P-33-15, M1P-37-50, M1P-37-30, and M1P-37-25 all contained one or more target analytes that exceeded calibration limits. These samples were reanalyzed at appropriate dilutions, and we have reported both neat and diluted runs.

No instrument blank separated the analyses of concurrently analyzed samples M1P-34-55, M1P-34-40, M1P-34-15, M1P-40-35, M1P-40-25; and M1P-33-35, M1P-33-25, M1P-33-15; and M1P-37-50, M1P-37-30, M1P-37-25 all of which contained one or more target analytes at levels outside of calibration limits. Due to the fact that we are providing diluted reanalyses of all of these samples with all analytes within calibration limits, we are reporting the data with reference to this qualifier. Again no instrument blank separated M1P-40-25(with exceeding levels of trichloroethene), and TRIP BLANK1; and M1P-33-15(with exceeding levels 1,1,1-trichloroethane, trichloroethene, and tetrachloroethene) and M1P-30-35; and M1P-37-25(with exceeding levels of trichloroethene) and TRIP BLANK2. Due to the fact that none of these exceeding level analytes were present in any of the proceeding samples above the reporting limits, we are reporting the data with refernce to this qulaifier.

No Tentatively Identified Compounds (TICs) were searched per client request.

All Bromofluorobenzene (BFB) abundance criteria were met for tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration standards associated to this SDG

All of the system monitoring compounds(SMCs) met recovery criteria in the analyses of these samples, and all of the internal standards met response and retention time criteria in the analyses of these samples.

The associated method blanks met all QC criteria, and did not contain any target analytes above the reporting limits
No matrix spikes were generated as requested, and the associated Laboratory Control Samples (LCSs) met all accuracy criteria.

Manual Quantitations were performed on some of the process files in the asssociated initial and continuing calibrations. The reasons have been coded with explanations provided in the notice included in the narrative section of this SDG.

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

Roy Sutton
Case Reviewer
June 18, 2003

CompuChem
a Division of Liberty Analytical Corp

GC/MS VOA Batch Sheet - Water

IP 250/460/462/475/480B/483

Method W82-60B 25ml
chrysler

Batch # _____

SAMPLENUM	CLIENTID	LOGINNUM	pH	Time	Date	INST #	Operator	H/T	Volume	Bottle #	Report	Comments
U2974-2	M1P-34-40	U2974	7	0013	6 13 03	71	2513		25.1	1	DI	TLC# 54
U2974-3	M1P-34-15	U2974	1	0038						1	DI	43
U2974-4	M1P-40-35	U2974	7	102						1	DI	48
U2974-5	M1P-40-25	U2974	7	127						1	DI	36
U2974-1	M1P-34-55	U2974	1	2349						1	DI	TLC# 106
U2974-6	TRIP BLANK1	U2974	1	131						1	~~CONFIRM~~	LAST of sample
WG24821-1	VBLKKU											
WG24821-2	VBLKKV											
WG24821-3	VBLKKW											
WG24821-4	VKULCS											
WG24821-5	VKVLCS											
WG24821-6	VKWLCS											
U2974-~~10~~20			7	1415	6 13	71	2423		8ml	2	—	
~~20~~ 30			1	1450					10ml	2	—	
~~30~~ 40			7	1514					9ml	2	—	
~~40~~ 50			7	1547					11ml	2	—	
~~50~~ 10			1	1611					15ml	2	—	
LR	6 13 03								25ml			

6/18/03

HT 6/19/03

Dic 6/16/03

TCL SCT + MTBE

2nd source LCS

6/27/01 rmh

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a Division of Liberty Analytical Corp

GC/MS VOA Batch Sheet - Water

IP 250/460/462/475/480B/483

Method W8260B 25ml chrysler

Batch # _____

SAMPLENUM	CLIENTID	LOGINNUM	pH	Time	Date	INST #	Operator	H/T	Volume	Bottle #	Report	Comments
U2974-2	M1P-34-40	U2974										
U2974-3	M1P-34-15	U2974										
U2974-4	M1P-40-35	U2974										
U2974-5	M1P-40-25	U2974										
U2974-1	M1P-34-55	U2974										
U2974-6	TRIP BLANK1	U2974										
WG24821-1	VBLKKU											
WG24821-2	VBLKKV											
WG24821-3	VBLKKW											
WG24821-4	VKULCS											
WG24821-5	VKVLCS											
WG24821-6	VKWLCS											
U2974-7	M1P-33-35	U2974	7	1633	6/16/03	61	2423		25ml	1	DI	TCE 88
U2974-8	M1P-33-25	U2974	7	1654						1	DI	90
U2974-9	M1P-33-15	U2974	7	1715						1	DI	82
U2974-10	M1P-30-50	U2974	7	1735						1	LS	
U2974-11	M1P-30-35	U2974	7	1756						1	—	
U2974-12	M1P-30-15	U2974	7	1816						1	—	
U2974-13	M1P-37-50	U2974	7	1837						1	~~DI~~ DI	TCE 2041
U2974-14	M1P-37-30	U2974	7	1857						1	" DI	38
U2974-15	M1P-37-25	U2974	7	1917						1	" DI	~~insufficient sample~~ 2026 2003 65
~~-16~~												
-7D			7	0213	6/18	73	2513		4.5ml	2	✓	
-8D			7	0239					4.5ml	2	✓	
-9D			7	0324					5ml	2	✓	
-10R			7	0333					25ml	2	✓	
-13D			7	0359					2ml	2	✓	
-14D			7	0426					10ml	2	IL	
-15D			7	0453					5ml	2	✓	
-14D2			7	0524	6/19	73	2037		10ml		✓	

6/18/03

HT 16 6/23/03
7-15 6/25/03

Due 6/18/03

TCL Set + MTBE
2nd source LCS

6/27/01 rmh

CompuChem
a Division of Liberty Analytical Corp

GC/MS VOA Batch Sheet - Water

IP 250/460/462/475/480B/483

Method 8260B 25ml Chyslu

Batch # _____

15

SAMPLENUM	CLIENTID	LOGINNUM	pH	Time	Date	INST #	Operator	H/T	Volume	Bottle #	Report	Comments
U2974-2	M1P-34-40	U2974										
U2974-3	M1P-34-15	U2974										
U2974-4	M1P-40-35	U2974										
U2974-5	M1P-40-25	U2974										
U2974-1	M1P-34-55	U2974										
U2974-6	TRIP BLANK1	U2974										
WG24821-1	VBLKKU	WG24821										
WG24821-2	VBLKKV	WG24821										
WG24821-3	VBLKKW	WG24821										
WG24821-4	VKULCS	WG24821										
WG24821-5	VKVLCS	WG24821										
WG24821-6	VKWLCS	WG24821										
U2974-7	M1P-33-35	U2974										
U2974-8	M1P-33-25	U2974										
U2974-9	M1P-33-15	U2974										
U2974-10	M1P-30-50	U2974										
U2974-11	M1P-30-35	U2974										
U2974-12	M1P-30-15	U2974										
U2974-13	M1P-37-50	U2974										
U2974-14	M1P-37-30	U2974										
U2974-15	M1P-37-25	U2974										
U2974-16	TRIP BLANK2	U2974	1	1937	6.16	B1	2473		25ml	1	✓	last of sample

6/18/01

TLL3CT+WITMI

HT 6.23

Due 6.18

6/27/01 rmh

2nd time full spike

COMPUCHEM

Work Group Report (wk02)

13-JUN-03 05:08 PM

Work Group: WG24821

Department: 435 MS/VOA ANALYSIS

Created: 11-JUN-03

Sample	Client ID	Product	Matrix	RecvDate	Bottle#	Lab Information
U2974-1	M1P-34-55	VOA-8260B-25ML	Water	10-JUN-03		
U2974-10	M1P-30-50	VOA-8260B-25ML	Water	12-JUN-03		
U2974-11	M1P-30-35	VOA-8260B-25ML	Water	12-JUN-03		
U2974-12	M1P-30-15	VOA-8260B-25ML	Water	12-JUN-03		
U2974-13	M1P-37-50	VOA-8260B-25ML	Water	12-JUN-03		
U2974-14	M1P-37-30	VOA-8260B-25ML	Water	12-JUN-03		
U2974-15	M1P-37-25	VOA-8260B-25ML	Water	12-JUN-03		
U2974-2	M1P-34-40	VOA-8260B-25ML	Water	10-JUN-03		
U2974-3	M1P-34-15	VOA-8260B-25ML	Water	10-JUN-03		
U2974-4	M1P-40-35	VOA-8260B-25ML	Water	10-JUN-03		
U2974-5	M1P-40-25	VOA-8260B-25ML	Water	10-JUN-03		
U2974-6	TRIP BLANK1	VOA-8260B-25ML	Water	10-JUN-03		
U2974-7	M1P-33-35	VOA-8260B-25ML	Water	12-JUN-03		
U2974-8	M1P-33-25	VOA-8260B-25ML	Water	12-JUN-03		
U2974-9	M1P-33-15	VOA-8260B-25ML	Water	12-JUN-03		
WG24821-1	VBLKKU	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-2	VBLKKV	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-3	VBLKKW	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-4	VKULCS	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-5	VKVLCS	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-6	VKWLCS	VOA-8260B-25ML	Water	11-JUN-03		

Comments

U2974-1	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-10	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-11	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-12	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-13	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-14	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-15	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-2	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-3	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-4	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-5	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-6	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-7	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-8	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-9	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY

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Work Group Report (wk02)

13-JUN-03 05 08 PM

Work Group: WG24821

Department: 435 MS/VOA ANALYSIS

Created: 11-JUN-03

Sample	Client ID	Product	Matrix	RecvDate	Bottle#	Lab Information

Internal Chain of Custody

Relinquished By	cooler 26	Date 6-16	Received By	MZ	Date 1600	Reason	Analysis
Relinquished By	MZ	Date 6 16	Received By	cooler 26	Date 1800	Reason	Storage
Relinquished By	cooler 26	Date 6-17	Received By	KS	Date 2312	Reason	Analysis
Relinquished By	KS	Date 6-17	Received By	cooler 26	Date 2335	Reason	Storage
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	

6/18/03

COMPUCHEM

Work Group Report (wk02)

16-JUN-03 10 09 AM

Work Group: WG24821

Department: 435 MS/VOA ANALYSIS **Created:** 11-JUN-03

Sample	Client ID	Product	Matrix	RecvDate	Bottle#	Lab Information
U2974-1	M1P-34-55	VOA-8260B-25ML	Water	10-JUN-03		
U2974-10	M1P-30-50	VOA-8260B-25ML	Water	12-JUN-03		
U2974-11	M1P-30-35	VOA-8260B-25ML	Water	12-JUN-03		
U2974-12	M1P-30-15	VOA-8260B-25ML	Water	12-JUN-03		
U2974-13	M1P-37-50	VOA-8260B-25ML	Water	12-JUN-03		
U2974-14	M1P-37-30	VOA-8260B-25ML	Water	12-JUN-03		
U2974-15	M1P-37-25	VOA-8260B-25ML	Water	12-JUN-03		
U2974-16	TRIP BLANK2	VOA-8260B-25ML	Water	12-JUN-03		
U2974-2	M1P-34-40	VOA-8260B-25ML	Water	10-JUN-03		
U2974-3	M1P-34-15	VOA-8260B-25ML	Water	10-JUN-03		
U2974-4	M1P-40-35	VOA-8260B-25ML	Water	10-JUN-03		
U2974-5	M1P-40-25	VOA-8260B-25ML	Water	10-JUN-03		
U2974-6	TRIP BLANK1	VOA-8260B-25ML	Water	10-JUN-03		
U2974-7	M1P-33-35	VOA-8260B-25ML	Water	12-JUN-03		
U2974-8	M1P-33-25	VOA-8260B-25ML	Water	12-JUN-03		
U2974-9	M1P-33-15	VOA-8260B-25ML	Water	12-JUN-03		
WG24821-1	VBLKKU	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-2	VBLKKV	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-3	VBLKKW	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-4	VKULCS	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-5	VKVLCS	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-6	VKWLCS	VOA-8260B-25ML	Water	11-JUN-03		

Comments

U2974-1	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-10	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-11	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-12	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-13	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-14	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-15	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-16	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-2	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-3	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-4	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-5	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-6	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-7	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-8	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-9	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY

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Work Group Report (wk02)

16-JUN-03 10 09 AM

Work Group: WG24821

Department: 435 MS/VOA ANALYSIS **Created:** 11-JUN-03

Sample	Client ID	Product	Matrix	RecvDate	Bottle#	Lab Information

Internal Chain of Custody

Relinquished By	cooler 2b	Date 6-16	Received By	M 2	Date 1600	Reason Analysis
Relinquished By	M 2	Date 6-16	Received By	cooler 2b	Date 1800	Reason Storage
Relinquished By		Date	Received By		Date	Reason
Relinquished By		Date	Received By		Date	Reason
Relinquished By		Date	Received By		Date	Reason
Relinquished By		Date	Received By		Date	Reason
Relinquished By		Date	Received By		Date	Reason
Relinquished By		Date	Received By		Date	Reason

6/18/03

COMPUCHEM

Work Group Report (wk02)

11-JUN-03 11:12 AM

Work Group: WG24821

Department: 435 MS/VOA ANALYSIS **Created:** 11-JUN-03

Sample	Client ID	Product	Matrix	RecvDate	Bottle#	Lab Information
U2974-1	M1P-34-55	VOA-8260B-25ML	Water	10-JUN-03		
U2974-2	M1P-34-40	VOA-8260B-25ML	Water	10-JUN-03		
U2974-3	M1P-34-15	VOA-8260B-25ML	Water	10-JUN-03		
U2974-4	M1P-40-35	VOA-8260B-25ML	Water	10-JUN-03		
U2974-5	M1P-40-25	VOA-8260B-25ML	Water	10-JUN-03		
U2974-6	TRIP BLANK1	VOA-8260B-25ML	Water	10-JUN-03		
WG24821-1	VBLKKU	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-2	VBLKKV	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-3	VBLKKW	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-4	VKULCS	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-5	VKVLCS	VOA-8260B-25ML	Water	11-JUN-03		
WG24821-6	VKWLCS	VOA-8260B-25ML	Water	11-JUN-03		

Comments

U2974-1	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-2	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-3	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-4	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-5	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
U2974-6	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY

Internal Chain of Custody

Relinquished By	[illegible]	Date 6-12	Received By	KG	Date [illegible]	Reason	[illegible]
Relinquished By	KG	Date 6-12	Received By	[illegible]	Date [illegible]	Reason	Storage
Relinquished By	cocier 2b	Date 6 13	Received By	m 2	Date 1400	Reason	Analysis
Relinquished By	m 2	Date 6-13	Received By	cocier 2b	Date 1600	Reason	Storage
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	
Relinquished By		Date	Received By		Date	Reason	

6/13/03

GC and GC/MS Column and Trap Specifications Table

COLUMNS

Brand Name	Coating Material	ID (mm)	Film Thickness (um)	Length (m)
GC Laboratory				
Restek	RTX-1701	0.53	0.5	30
J & W	DB-608	0.53	0.83	30
Restek	CLPesticides	0.53	0.5	30
Restek	CLPesticides II	0.53	0.42	30
GC Volatiles Laboratory				
Restek	RTX-1	0.53	0.5	105
Restek	RTX-502.2	0.53	0.5	105
GC/MS Volatiles Laboratory				
J & W	DB-624	0.53	3.0	30/75
J & W	DB-624	0.25	1.4	60
J & W	DB-624	0.32	1.8	60
Restek	RTX-624	0.32	1.8	60
Restek	RTX-VMS*	0.18	1.0	20
Supelco	SPB-624	0.32	1.4	60
Supelco	Equity™-624	0.53	3.0	75
Zebron	ZB-624	0.32	1.8	60
GC/MS Semivolatiles Laboratory				
Restek	RTX-5MS	0.25	0.25	30
Restek	RTX-5MS	0.32	0.25	30
HPLC Laboratory				
Supelco	Supelcosil LC-PAH	4.6	5.0	15 cm
Supelco	Discovery RP Amide C16	4.6	5.0	25 cm
Restek	Pinnacle Cyano	4.6	5.0	25 cm
Restek	Allure C18	4.6	5.0	25 cm

*Note: The RTX-VMS column is currently not used for EPA CLP analyses.

TRAPS

GC and GC/MS Volatiles Laboratory	
Tekmar 3	* 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Tekmar 5	* 1 cm of methyl silicone packing (OV-1 coating) * 8 cm of 2,6-diphenylene oxide polymer (Tenax) * 8 cm of silica gel * 7 cm of coconut charcoal * 0.5 cm of silanized glass wool at each end
Supelco K (Vocarb3000)	* 10 cm of Carbopack B (Graphitized Carbons) * 6 cm of Carboxen 1000 (Carbon molecular sieves) * 1 cm of Carboxen 1001 (Carbon molecular sieves)

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Notification Regarding Manual Editing/Integration Flags

In some instances, manual adjustments to the software output are necessary to provide accurate data. These manual integrations are performed by the data reviewers, GC/MS operators, or GC chemists An Extracted Ion Current Profile (EICP) or a GC chromatographic peak has been provided for the manual integration performed on each compound to demonstrate the accuracy of that process The manual integrations are flagged on the quantitation report in the far right column beyond the FINAL concentration for GC/MS analysis, and in the "Flags" column for GC analysis. The manual editing/integration flags are·

M - Denotes that a manual integration has been performed for this compound. The manual integration was performed in order to provide the most accurate area count possible for the peak.

H - Denotes that the data reviewer, GC/MS operator, or GC Chemist has chosen an alternate peak within the retention time window from that chosen by the software for that compound. No manual integration is performed in choosing an alternate peak. The software still performs the integration.

MH - Denotes that an alternate peak has been chosen within the retention time window from that chosen by the software for that compound and also a manual integration of the chosen peak has been performed. The manual integration was performed in order to provide the most accurate area count possible for the peak

L - Denotes that a data reviewer or GC/MS operator has selected an alternate library search This is typically done when an additional tentatively identified compound (TIC) has been added to the number of peaks searched. No manual integration is performed in choosing an alternate peak. The software still performs the integration.

ML - Denotes that an alternate library search has been selected and a manual integration has also been performed. This is typically done when an additional TIC has been added and the TIC peak also required a manual integration.

The EPA CLP SOW documents require additional explanations for manual editing/integration. In the accompanying raw data packages, additional codes have been applied to the "M" flag and carry the following meanings,

M1 - The compound was not found by the automatic integration routine.

M2 - The compound was incorrectly integrated by the automatic integration routine.

M3 - The co-eluting compounds were incorrectly integrated by the automatic integration routine.

These codes will appear in the GC/MS and GC data packages.

Robert E. Meierer

Robert E. Meierer
Vice President

Revision 6 (3/25/02)

DATA REPORTING QUALIFIERS

On the Form I, under the column labeled "Q" for qualifier, each result is flagged with the specific data reporting qualifiers listed below, as appropriate. Up to five qualifiers may be reported on Form I for each compound. The qualifiers used are:

U : This flag indicates the compound was analyzed for but not detected. The Contract Required Quantitation Limit (CRQL), or reporting limit, will be adjusted to reflect any dilution and, for soils, the percent moisture.

J : This flag indicates an estimated value. The flag is used as detailed below:

1. When estimating a concentration for tentatively identified compounds (TICs) where a response factor of 1.0 is assumed for the TIC analyte,

2. When the mass spectral and retention time data indicate the presence of a compound that meets the volatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero, and

3. When the retention time data indicate the presence of a compound that meets the pesticide/Aroclor or other GC or HPLC identification criteria, and the result is less than the CRQL (or Reporting Limit) but greater than zero. For example, if the CRQL (or Reporting Limit) is 10 µg/L, but a concentration of 3 µg/L is calculated, it is reported as 3J.

N : This flag indicates presumptive evidence of a compound. This flag is only used for TICs, where the identification is based on a mass spectral library search. For generic characterization of a TIC such as 'chlorinated hydrocarbon', the N flag is not used.

P . In the EPA's Contract Laboratory Program (CLP), this flag is used for a pesticide/Aroclor target analyte, when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form I and flagged with a P.
For SW-846 GC and HPLC analyses, when the Relative Percent Difference (RPD) is greater than 40% and there is no evidence of chromatographic anomalies or interferences, then the higher of the two values is reported and flagged with a P. When the RPD is equal to or less than 40%, our policy is to also report the higher of the two values, although the choice could be a project specific issue. For certain HPLC analyses, if one of the HPLC columns displays co-elution of target analytes, all results are reported from a primary column displaying no co-elution. Results are still flagged with a P if the RPD between columns is greater than 40%.

DATA REPORTING QUALIFIERS (continued)

C : This flag applies to GC or HPLC results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, this flag is not applied; a laboratory-defined flag is used instead (see the X/Y/Z qualifier.)

B : This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag is used for a TIC as well as for a positively identified target compound. The combination of flags BU or UB is not an allowable policy. Blank contaminants are flagged B only when they are detected in the sample.

E : This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of the calibration range, the sample or extract will be diluted and reanalyzed. All such compounds with a response greater than the upper level of the calibration range will have the concentration flagged with an E on Form I for the original analysis.

D : If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exceeds the upper calibration range, the DL suffix is appended to the sample number on Form I for the more diluted sample, and **all** reported concentrations on that Form I are flagged with the D flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract.

NOTE 1: The D flag is not applied to compounds which are not detected in the sample analysis i.e. compounds reported with the CRQL (or Reporting Limit) and the U flag.

NOTE 2: Separate Form Is are used for reporting the original analysis (Client Sample No. XXXXX) and the more diluted sample analysis (Client Sample No. XXXXXDL) i.e. the results from both analyses <u>are not combined</u> on a single Form I.

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

X/Y/Z : Other specific flags may be required to properly define the results. If used, the flags will be fully described in the SDG Narrative. The laboratory-defined flags are limited to X, Y and Z.

DAIMLERCHRYSLER — Chain-of-Custody

№ 00313 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number (919) 379-4100 Fax Number (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stanczuk	Consultant: Earth Tech Address: 4135 Technology PKWY Sheboygan, WI 53083 Consultant PM: Rob Stetson Phone: 920-451-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
(7) calendar days
14 calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level (1)
DaimlerChrysler Level 2
CLP

Compound List-Parameter/Method/Bottle Type/Preservative

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed. - Sediment; O - Other (specify) ____

Are aqueous samples field filtered for metals? Yes No

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC's									Remarks
* MIP-34-55	6/5/03	1315	G	GW	3	X									* Received 3-40ml with larger than pea size air bubbles. LFB 6/10/03
MIP-34-40	↓	1345	↓	↓	↓	X									
MIP-34-15		1415				X									
MIP-40-35		1830				X									
* MIP-40-25	↓	1900	↓	↓	↓	X									* Received 3-40ml with ID (MIP-40-25) LFB 6/10/03
* Trip Blank					1				named "TRIP BLANK 1"						* Received 1-40ml with pea size air bubble LFB 6/10/03

Sampler(s): D. December	Cooler ID #			Samples Relinquished under Airbill No			Temperature (corrected) 2.3°C	
	Relinquished by: D. December	Date: 6/9/03	Time: 15:30	Received by: LFB 6-10-03 ~~Lucene Bailey~~	Date: ~~6-10-03~~	Time: ~~9:30~~	Custody Seal Intact? (Yes) No LFB 6/10/03	
Is RFA sampling complete? Yes (No)	Relinquished by:	Date:	Time:	Received for Laboratory by: Lucene Bailey	Date: 6-10-03	Time: 9:30	Custody Seal Intact? (Yes) No	

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy - Data package; Yellow - Retained by laboratory; Pink - Retained by sampler

Revision No 3
Created July 9, 1999

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

Client: Earth Tech / Chrysler
Project: DAYTON THERMAL
Quote: Q2974
Login No. U2974
Subcontract? Y / (N)
TAT Verbal _____ Report 6 days

Rec'd Date: 6-10-03
Courier: Fed Ex
Airbill No. 840549191409

PPS/(RFA) ET03031

Lab Instructions
VOC 8260B 25ml C-list = TCL3CT + MTBE, SVB

Cooler Rec'd By: CP
Sample Login By: Patty Bong
Temperature: 2.3 °C
Cyanide Samples checked for sulfide & chlorine? Y / (NA)
Phenol Samples checked for chlorine? Y / (NA)
Received in Good Condition? (Y) / N
If no, explain:

CompuChem ID	Client ID MIP 6 for 6-10-03	QC	Matrix	Date 2003	Military Time	Parameters: VOC No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
U2974-1	MIP-34-55		WA	6/5	13:15	3-40ml															
-2	MIP-34-40				13:45																
-3	MIP-34-15				14:15																
-4	MIP-40-35				18:30																
-5	MIP-40-25				19:00	3-40ml															
-6	Trip Blank 1		WA	—	—	1-40ml															

CP Done 6/10/03

Container Type Abbreviations 40ml (40ml Vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER _____

rll - 6/28/01 dee

COMPUCHEM

Login Chain of Custody Report (In01)

Jun. 10, 2003 *05.01 PM*

Login Number: U2974

Account: CHRYSLER — Chrysler

Project: ET03031 — Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
U2974-1	M1P-34-55	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold. 19-JUN-03	40ml vial	3	Bottles	
U2974-2	M1P-34-40	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 19-JUN-03	40ml vial	3	Bottles	
U2974-3	M1P-34-15	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 19-JUN-03	40ml vial	3	Bottles	
U2974-4	M1P-40-35	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 19-JUN-03	40ml vial	3	Bottles	
U2974-5	M1P-40-25	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold: 19-JUN-03	40ml vial	3	Bottles	
U2974-6	TRIP BLANK1	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water	S VOA-8260B-25ML	Hold 19-JUN-03	40ml vial	1	Bottles	

Signature : _____

Date : 6/10/03

COMPUCHEM a Divison of Liberty Analytical
COMMERCIAL RECEIVING LOG

(734) 341-8317

Client: Earth Tech / Chrysler
Project: Dayton Thermal
Quote: 02974
Login No. U2974
Subcontract? Y / (N)
TAT Verbal _____ Report 6 days

Rec'd Date: 6/12/03
Courier: FCD 24
Airbill No 8405 4919 1394

PPS/RFA E103031

Lab Instructions
VOC 8260B 25ml C-list = TCL3CT + MTBE, sub

Cooler Rec'd By: E. Schiller
Sample Login By: [illegible]
Temperature: 2.2 °C
Cyanide Samples checked for sulfide & chlorine? Y / (NA)
Phenol Samples checked for chlorine? Y / (NA)
Received in Good Condition? (Y) / N
If no, explain:

Parameters

CompuChem ID	Client ID	QC	Matrix	Date 2003	Military Time	No & Type (VOC)	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH	No & Type	pH
U2974-7	MIP-33-35		WA	06/11	09:40	3:40ml													
-8	33-25				09:50														
-9	33-15				10:00														
-10	30-50				11:55														
-11	30-35				12:10														
-12	30-15				12:25														
-13	37-50				14:25														
-14	37-30				14:40														
-15	37-25				15:00														
-16	TRIP BLANK 2			05/09	—	1:40ml													

[illegible] 6/12/03

Container Type Abbreviations 40mL(40mL vial) AL(Amber Liter) PL(Plastic Liter) 500P(500mL Plastic) 250P(250mL Plastic) OTHER _____

rll - 6/28/01 dce

DAIMLERCHRYSLER — Chain-of-Custody

№ 00314 A

CompuChem 501 Madison Avenue Cary, NC 27513 Phone Number (919) 379-4100 Fax Number (919) 379-4040	Project Name: Dayton Thermal Site Location: Dayton, OH Site Code: RFA Number: ET 03031 DaimlerChrysler PM: Gary Stamczuk	Consultant: EarthTech Address: 4135 Technology Pkwy Sheboygan, WI 53083 Consultant PM: Rob Stenson Phone: 920-457-2407 Fax: 920-458-0550	

Turn-around Time Request: (circle)
24 calendar hrs
48 calendar hrs
7 calendar days
(14) calendar days

Data Package Deliverables: (circle)
DaimlerChrysler Level (1)
DaimlerChrysler Level 2
CLP

Matrix Codes
S - Soil; SW - Surface Water; GW - Groundwater; A - Air; Sed - Sediment; O - Other (specify) ____

Are aqueous samples field filtered for metals? Yes No

Compound List-Parameter/Method/Bottle Type/Preservative

Field Sample Identification	Date Collected	Time Collected	Grab (G) or Composite (C)	Matrix Code	Total # of Containers	VOC's								Remarks
MIP-33-35	6/11/03	940	G	GW	3	X								
MIP-33-25		950				X								
MIP-33-15		1000				X								
MIP-30-50		1155				X								1.40ml vial > pea-size air bubble. 2.40ml vials < pea-size air bubble
MIP-30-35		1210				X								2.40ml vials < pea-size air bubble
MIP-30-15		1225				X								3.40ml vials < pea-size air bubble
MIP-37-50		1425				X								1.40ml vial < pea size air bubble
MIP-37-30		1440				X								3.40ml vials < pea size air bubble
MIP-37-25		1500				X								2.40ml vials with ID MIP-37-35 @ 1500 (9) 6/11/03 1 vial labelled correctly (9) 6/11/03
Trip Blank + Temp Blk.					2					(triplank2)				1.40ml vial < pea-size air bubble

Sampler(s): P. December	Cooler ID #:			Samples Relinquished under Airbill No:			Temperature (corrected): 3.4 C
	Relinquished by: P. December	Date: 6/11/03	Time: 1555	Received by:	Date:	Time:	Custody Seal Intact? Yes No
Is RFA sampling complete? Yes (No)	Relinquished by:	Date:	Time:	Received for Laboratory by: C. Schiller	Date: 6/12/03	Time: 0915	Custody Seal Intact? (Yes) No

DaimlerChrysler Corporation 800 Chrysler Drive, CIMS 482-00-51, Auburn Hills, Michigan 48326-2757

Distribution: White copy - Data package; Yellow - Retained by laboratory; Pink - Retained by sampler

Revision No 3
Created July 9, 1999

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 12, 2003 *11.13 AM*

Login Number: U2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Case: Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
U2974-1	M1P-34-55	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	19-JUN-03	40ml vial	3	Bottles	
U2974-2	M1P-34-40	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	19-JUN-03	40ml vial	3	Bottles	
U2974-3	M1P-34-15	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold.	19-JUN-03	40ml vial	3	Bottles	
U2974-4	M1P-40-35	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold.	19-JUN-03	40ml vial	3	Bottles	
U2974-5	M1P-40-25	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold.	19-JUN-03	40ml vial	3	Bottles	
U2974-6	TRIP BLANK1	05-JUN-03	10-JUN-03	3	16-JUN-03	RFA ET03031**NOTE SAMPLING DATE**VOC 8260B 25ML TCL3CT + MTBE SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	19-JUN-03	40ml vial	1	Bottles	
U2974-7	M1P-33-35	11-JUN-03	12-JUN-03	3	18-JUN-03	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold.	25-JUN-03	40ml vial	3	Bottles	
U2974-8	M1P-33-25	11-JUN-03	12-JUN-03	3	18-JUN-03	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold	25-JUN-03	40ml vial	3	Bottles	

Signature : Cally Jones

Date : 6/12/03 20

COMPUCHEM

Login Chain of Custody Report (ln01)

Jun. 12, 2003 *11 13 AM*

Login Number: U2974

Account: CHRYSLER Chrysler

Project: ET03031 Dayton Thermal - VOCs & Soils

Q2974

Laboratory Sample Number	Client Sample Number	Collect Date	Receive Date	PR	Due Date	Comments
U2974-9	M1P-33-15	11-JUN-03	12-JUN-03	3	18-JUN-03	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 25-JUN-03	40ml vial		3	Bottles	
U2974-10	M1P-30-50	11-JUN-03	12-JUN-03	3	18-JUN-03	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 25-JUN-03	40ml vial		3	Bottles	
U2974-11	M1P-30-35	11-JUN-03	12-JUN-03	3	18-JUN-03	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold. 25-JUN-03	40ml vial		3	Bottles	
U2974-12	M1P-30-15	11-JUN-03	12-JUN-03	3	18-JUN-03	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 25-JUN-03	40ml vial		3	Bottles	
U2974-13	M1P-37-50	11-JUN-03	12-JUN-03	3	18-JUN-03	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 25-JUN-03	40ml vial		3	Bottles	
U2974-14	M1P-37-30	11-JUN-03	12-JUN-03	3	18-JUN-03	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 25-JUN-03	40ml vial		3	Bottles	
U2974-15	M1P-37-25	11-JUN-03	12-JUN-03	3	18-JUN-03	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold: 25-JUN-03	40ml vial		3	Bottles	
U2974-16	TRIP BLANK2	09-MAY-03	12-JUN-03	3	18-JUN-03	RFA ET03031**VOC 8260B 25ML TCL3CT + MTBE.SUB**LCS ONLY
Water S VOA-8260B-25ML	Hold 23-MAY-03	40ml vial		1	Bottles	

Signature : 21

Date : 6/12/03

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-30-15

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-12

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-12A61

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5	0.09	J
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	4	B
75-09-2	Methylene Chloride	0.5	0.1	JB
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	7	B
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5	0.2	J
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.3	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.3	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.9	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.4	JB
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	JB
108-38-3	m,p-Xylene	1	0.5	JB
95-47-6	o-Xylene	0.5	0.2	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-30-15

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-12

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-12A61

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.7	B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-30-35

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-11

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-11A61

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	6	B
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	9	B
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5	0.1	J
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.3	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.3	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.9	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.3	JB
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.3	JB
108-38-3	m,p-Xylene	1	0.5	JB
95-47-6	o-Xylene	0.5	0.2	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-30-35

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-11

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-11A61

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.7	B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-30-50

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-10

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-10RB73

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/18/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.08	J
67-64-1	Acetone	3	4	B
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5		U
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5		U
156-59-2	cis-1,2-Dichloroethene	0.5		U
78-93-3	2-butanone	3	5	
67-66-3	Chloroform	0.5		U
71-55-6	1,1,1-Trichloroethane	0.5		U
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.2	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	0.2	J
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.7	
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	0.2	J
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	J
108-38-3	m,p-Xylene	1	0.3	J
95-47-6	o-Xylene	0.5	0.1	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-30-50

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-10

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-10RB73

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/18/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.08	J
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.5	J

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-15

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-9

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-9A61

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	5	B
75-09-2	Methylene Chloride	0.5	0.1	JB
156-60-5	trans-1,2-Dichloroethene	0.5	0.5	J
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	5	
156-59-2	cis-1,2-Dichloroethene	0.5	11	
78-93-3	2-butanone	3	9	B
67-66-3	Chloroform	0.5	2	
71-55-6	1,1,1-Trichloroethane	0.5	28	E
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.5	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	83	E
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	1	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	52	EB
591-78-6	2-hexanone	3	0.4	JB
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.3	JB
108-38-3	m,p-Xylene	1	0.5	JB
95-47-6	o-Xylene	0.5	0.3	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-15

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-9

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-9A61

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.8	B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-15DL

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-9

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-9DB73

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/18/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 5.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	3		U
75-01-4	Vinyl Chloride	3		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	3		U
75-35-4	1,1-Dichloroethene	3	0.6	DJ
75-15-0	Carbon disulfide	3		U
67-64-1	Acetone	13	12	DJB
75-09-2	Methylene Chloride	3		U
156-60-5	trans-1,2-Dichloroethene	3	0.5	DJ
1634-04-4	Methyl-tert-butyl ether	3		U
75-34-3	1,1-Dichloroethane	3	5	D
156-59-2	cis-1,2-Dichloroethene	3	10	D
78-93-3	2-butanone	13		U
67-66-3	Chloroform	3	2	DJ
71-55-6	1,1,1-Trichloroethane	3	29	D
56-23-5	Carbon Tetrachloride	3		U
71-43-2	Benzene	3	0.5	DJ
107-06-2	1,2-Dichloroethane	3		U
79-01-6	Trichloroethene	3	80	D
78-87-5	1,2-Dichloropropane	3		U
75-27-4	Bromodichloromethane	3		U
10061-01-5	cis-1,3-Dichloropropene	3		U
108-10-1	4-Methyl-2-pentanone	13		U
108-88-3	Toluene	3	1	DJ
10061-02-6	trans-1,3-Dichloropropene	3		U
79-00-5	1,1,2-Trichloroethane	3		U
127-18-4	Tetrachloroethene	3	53	D
591-78-6	2-hexanone	13		U
124-48-1	Dibromochloromethane	3		U
108-90-7	Chlorobenzene	3		U
100-41-4	Ethylbenzene	3	0.3	DJ
108-38-3	m,p-Xylene	5	0.4	DJ
95-47-6	o-Xylene	3		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-15DL

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-9

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-9DB73

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/18/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 5.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	3	0.4	DJ
75-25-2	Bromoform	3		U
79-34-5	1,1,2,2-Tetrachloroethane	3		U
1330-20-7	Xylene (total)	3	0.4	DJ

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-25

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-8

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-8A61

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5	1	
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	4	B
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5	0.6	
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	5	
156-59-2	cis-1,2-Dichloroethene	0.5	12	
78-93-3	2-butanone	3	6	B
67-66-3	Chloroform	0.5	2	
71-55-6	1,1,1-Trichloroethane	0.5	30	E
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.4	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	91	E
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	1	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	51	EB
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.3	JB
108-38-3	m,p-Xylene	1	0.4	JB
95-47-6	o-Xylene	0.5	0.2	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-25

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-8

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-8A61

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5--------	Styrene	0.5		U
75-25-2---------	Bromoform	0.5		U
79-34-5---------	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7-------	Xylene (total)	0.5	0.5	B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-25DL

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-8

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-8DB73

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/18/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 5.5

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	3		U
75-01-4	Vinyl Chloride	3		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	3		U
75-35-4	1,1-Dichloroethene	3	0.6	DJ
75-15-0	Carbon disulfide	3		U
67-64-1	Acetone	14	13	DJB
75-09-2	Methylene Chloride	3		U
156-60-5	trans-1,2-Dichloroethene	3	0.4	DJ
1634-04-4	Methyl-tert-butyl ether	3		U
75-34-3	1,1-Dichloroethane	3	4	D
156-59-2	cis-1,2-Dichloroethene	3	9	D
78-93-3	2-butanone	14		U
67-66-3	Chloroform	3	2	DJ
71-55-6	1,1,1-Trichloroethane	3	28	D
56-23-5	Carbon Tetrachloride	3		U
71-43-2	Benzene	3	0.3	DJ
107-06-2	1,2-Dichloroethane	3		U
79-01-6	Trichloroethene	3	75	D
78-87-5	1,2-Dichloropropane	3		U
75-27-4	Bromodichloromethane	3		U
10061-01-5	cis-1,3-Dichloropropene	3		U
108-10-1	4-Methyl-2-pentanone	14		U
108-88-3	Toluene	3	1	DJ
10061-02-6	trans-1,3-Dichloropropene	3		U
79-00-5	1,1,2-Trichloroethane	3		U
127-18-4	Tetrachloroethene	3	43	D
591-78-6	2-hexanone	14		U
124-48-1	Dibromochloromethane	3		U
108-90-7	Chlorobenzene	3		U
100-41-4	Ethylbenzene	3		U
108-38-3	m,p-Xylene	6	0.3	DJ
95-47-6	o-Xylene	3		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-25DL

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-8

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-8DB73

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/18/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 5.5

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	3		U
75-25-2	Bromoform	3		U
79-34-5	1,1,2,2-Tetrachloroethane	3		U
1330-20-7	Xylene (total)	3	0.4	DJ

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-35

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-7

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-7A61

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5	0.9	
75-15-0	Carbon disulfide	0.5	0.1	J
67-64-1	Acetone	3	4	B
75-09-2	Methylene Chloride	0.5	0.1	JB
156-60-5	trans-1,2-Dichloroethene	0.5	0.6	
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	6	
156-59-2	cis-1,2-Dichloroethene	0.5	13	
78-93-3	2-butanone	3	6	B
67-66-3	Chloroform	0.5	2	
71-55-6	1,1,1-Trichloroethane	0.5	30	E
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.4	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	88	E
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.9	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	54	EB
591-78-6	2-hexanone	3	0.3	JB
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.3	JB
108-38-3	m,p-Xylene	1	0.4	JB
95-47-6	o-Xylene	0.5	0.2	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-35

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-7

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-7A61

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/16/03

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5	0.04	JB
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.6	B

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-35DL

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-7

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-7DB73

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/18/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 5.5

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	3		U
75-01-4	Vinyl Chloride	3		U
74-83-9	Bromomethane	3		U
75-00-3	Chloroethane	3		U
75-35-4	1,1-Dichloroethene	3	0.8	DJ
75-15-0	Carbon disulfide	3		U
67-64-1	Acetone	14	13	DJB
75-09-2	Methylene Chloride	3		U
156-60-5	trans-1,2-Dichloroethene	3	0.6	DJ
1634-04-4	Methyl-tert-butyl ether	3		U
75-34-3	1,1-Dichloroethane	3	5	D
156-59-2	cis-1,2-Dichloroethene	3	11	D
78-93-3	2-butanone	14		U
67-66-3	Chloroform	3	2	DJ
71-55-6	1,1,1-Trichloroethane	3	28	D
56-23-5	Carbon Tetrachloride	3		U
71-43-2	Benzene	3	0.3	DJ
107-06-2	1,2-Dichloroethane	3		U
79-01-6	Trichloroethene	3	85	D
78-87-5	1,2-Dichloropropane	3		U
75-27-4	Bromodichloromethane	3		U
10061-01-5	cis-1,3-Dichloropropene	3		U
108-10-1	4-Methyl-2-pentanone	14		U
108-88-3	Toluene	3	1	DJ
10061-02-6	trans-1,3-Dichloropropene	3		U
79-00-5	1,1,2-Trichloroethane	3		U
127-18-4	Tetrachloroethene	3	49	D
591-78-6	2-hexanone	14		U
124-48-1	Dibromochloromethane	3		U
108-90-7	Chlorobenzene	3		U
100-41-4	Ethylbenzene	3		U
108-38-3	m,p-Xylene	6	0.3	DJ
95-47-6	o-Xylene	3		U

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-33-35DL

Project: ET03031 Date Sampled: 06/11/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-7

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-7DB73

Level: (low/med) LOW Date Received: 06/12/03

% Moisture: not dec. _____ Date Analyzed: 06/18/03

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 5.5

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	3		U
75-25-2	Bromoform	3		U
79-34-5	1,1,2,2-Tetrachloroethane	3		U
1330-20-7	Xylene (total)	3	0.4	DJ

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-34-15

Project: ET03031 Date Sampled: 06/05/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-3B71

Level: (low/med) LOW Date Received: 06/10/03

% Moisture: not dec. _____ Date Analyzed: 06/13/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3	2	JB
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5	0.2	J
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	0.5	
156-59-2	cis-1,2-Dichloroethene	0.5	3	
78-93-3	2-butanone	3		U
67-66-3	Chloroform	0.5	0.1	J
71-55-6	1,1,1-Trichloroethane	0.5	3	
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.1	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	43	EB
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3		U
108-88-3	Toluene	0.5	0.4	JB
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	5	B
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5	0.04	J
100-41-4	Ethylbenzene	0.5	0.1	JB
108-38-3	m,p-Xylene	1	0.2	JB
95-47-6	o-Xylene	0.5	0.1	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-34-15

Project: ET03031 Date Sampled: 06/05/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-3B71

Level: (low/med) LOW Date Received: 06/10/03

% Moisture: not dec. _____ Date Analyzed: 06/13/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.3	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-34-15DL

Project: ET03031 Date Sampled: 06/05/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-3DA71

Level: (low/med) LOW Date Received: 06/10/03

% Moisture: not dec. _____ Date Analyzed: 06/13/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 2.5

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	1		U
75-01-4	Vinyl Chloride	1		U
74-83-9	Bromomethane	1		U
75-00-3	Chloroethane	1		U
75-35-4	1,1-Dichloroethene	1		U
75-15-0	Carbon disulfide	1		U
67-64-1	Acetone	6	10	DB
75-09-2	Methylene Chloride	1	0.2	DJB
156-60-5	trans-1,2-Dichloroethene	1	0.3	DJ
1634-04-4	Methyl-tert-butyl ether	1		U
75-34-3	1,1-Dichloroethane	1	0.6	DJ
156-59-2	cis-1,2-Dichloroethene	1	3	D
78-93-3	2-butanone	6	3	DJ
67-66-3	Chloroform	1	0.2	DJB
71-55-6	1,1,1-Trichloroethane	1	3	D
56-23-5	Carbon Tetrachloride	1		U
71-43-2	Benzene	1	0.1	DJ
107-06-2	1,2-Dichloroethane	1		U
79-01-6	Trichloroethene	1	42	D
78-87-5	1,2-Dichloropropane	1		U
75-27-4	Bromodichloromethane	1		U
10061-01-5	cis-1,3-Dichloropropene	1		U
108-10-1	4-Methyl-2-pentanone	6		U
108-88-3	Toluene	1	0.4	DJB
10061-02-6	trans-1,3-Dichloropropene	1		U
79-00-5	1,1,2-Trichloroethane	1		U
127-18-4	Tetrachloroethene	1	5	D
591-78-6	2-hexanone	6		U
124-48-1	Dibromochloromethane	1	5	D
108-90-7	Chlorobenzene	1	0.1	DJB
100-41-4	Ethylbenzene	1	0.2	DJB
108-38-3	m,p-Xylene	3	0.5	DJB
95-47-6	o-Xylene	1	0.2	DJ

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-34-15DL

Project: ET03031 Date Sampled: 06/05/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-3

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-3DA71

Level: (low/med) LOW Date Received: 06/10/03

% Moisture: not dec. _____ Date Analyzed: 06/13/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 2.5

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	1		U
75-25-2	Bromoform	1		U
79-34-5	1,1,2,2-Tetrachloroethane	1		U
1330-20-7	Xylene (total)	1	0.7	DJB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-34-40

Project: ET03031 Date Sampled: 06/05/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-2B71

Level: (low/med) LOW Date Received: 06/10/03

% Moisture: not dec. _____ Date Analyzed: 06/13/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	0.5		U
75-01-4	Vinyl Chloride	0.5		U
74-83-9	Bromomethane	0.5		U
75-00-3	Chloroethane	0.5		U
75-35-4	1,1-Dichloroethene	0.5		U
75-15-0	Carbon disulfide	0.5		U
67-64-1	Acetone	3		U
75-09-2	Methylene Chloride	0.5		U
156-60-5	trans-1,2-Dichloroethene	0.5	0.1	J
1634-04-4	Methyl-tert-butyl ether	0.5		U
75-34-3	1,1-Dichloroethane	0.5	0.3	J
156-59-2	cis-1,2-Dichloroethene	0.5	2	
78-93-3	2-butanone	3	3	JB
67-66-3	Chloroform	0.5	0.05	J
71-55-6	1,1,1-Trichloroethane	0.5	3	
56-23-5	Carbon Tetrachloride	0.5		U
71-43-2	Benzene	0.5	0.2	J
107-06-2	1,2-Dichloroethane	0.5		U
79-01-6	Trichloroethene	0.5	54	EB
78-87-5	1,2-Dichloropropane	0.5		U
75-27-4	Bromodichloromethane	0.5		U
10061-01-5	cis-1,3-Dichloropropene	0.5		U
108-10-1	4-Methyl-2-pentanone	3	0.08	J
108-88-3	Toluene	0.5	0.5	B
10061-02-6	trans-1,3-Dichloropropene	0.5		U
79-00-5	1,1,2-Trichloroethane	0.5		U
127-18-4	Tetrachloroethene	0.5	2	B
591-78-6	2-hexanone	3		U
124-48-1	Dibromochloromethane	0.5		U
108-90-7	Chlorobenzene	0.5		U
100-41-4	Ethylbenzene	0.5	0.2	JB
108-38-3	m,p-Xylene	1	0.3	JB
95-47-6	o-Xylene	0.5	0.1	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-34-40

Project: ET03031 Date Sampled: 06/05/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-2B71

Level: (low/med) LOW Date Received: 06/10/03

% Moisture: not dec. _____ Date Analyzed: 06/13/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5	Styrene	0.5		U
75-25-2	Bromoform	0.5		U
79-34-5	1,1,2,2-Tetrachloroethane	0.5		U
1330-20-7	Xylene (total)	0.5	0.5	JB

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-34-40DL

Project: ET03031 Date Sampled: 06/05/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-2DA71

Level: (low/med) LOW Date Received: 06/10/03

% Moisture: not dec. _____ Date Analyzed: 06/13/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 3.1

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
74-87-3	Chloromethane	2		U
75-01-4	Vinyl Chloride	2		U
74-83-9	Bromomethane	2		U
75-00-3	Chloroethane	2		U
75-35-4	1,1-Dichloroethene	2		U
75-15-0	Carbon disulfide	2		U
67-64-1	Acetone	8	12	DB
75-09-2	Methylene Chloride	2	0.3	DJB
156-60-5	trans-1,2-Dichloroethene	2	0.2	DJ
1634-04-4	Methyl-tert-butyl ether	2		U
75-34-3	1,1-Dichloroethane	2		U
156-59-2	cis-1,2-Dichloroethene	2	2	JD
78-93-3	2-butanone	8	5	DJ
67-66-3	Chloroform	2		U
71-55-6	1,1,1-Trichloroethane	2	4	D
56-23-5	Carbon Tetrachloride	2		U
71-43-2	Benzene	2	0.3	DJ
107-06-2	1,2-Dichloroethane	2		U
79-01-6	Trichloroethene	2	53	D
78-87-5	1,2-Dichloropropane	2		U
75-27-4	Bromodichloromethane	2		U
10061-01-5	cis-1,3-Dichloropropene	2		U
108-10-1	4-Methyl-2-pentanone	8	0.3	DJ
108-88-3	Toluene	2	0.7	DJB
10061-02-6	trans-1,3-Dichloropropene	2		U
79-00-5	1,1,2-Trichloroethane	2		U
127-18-4	Tetrachloroethene	2	2	DJ
591-78-6	2-hexanone	8		U
124-48-1	Dibromochloromethane	2		U
108-90-7	Chlorobenzene	2	0.09	DJB
100-41-4	Ethylbenzene	2	0.3	DJB
108-38-3	m,p-Xylene	3	0.5	DJB
95-47-6	o-Xylene	2	0.2	DJ

1ACC
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

M1P-34-40DL

Project: ET03031 Date Sampled: 06/05/03

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: U2974

Matrix: (soil/water) WATER Lab Sample ID: U2974-2

Sample wt/vol: 25 (g/ml) ML Lab File ID: U2974-2DA71

Level: (low/med) LOW Date Received: 06/10/03

% Moisture: not dec. _____ Date Analyzed: 06/13/03

GC Column: SPB-624 ID: 0.32 (mm) Dilution Factor: 3.1

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

CAS NO.	COMPOUND	REPORTING LIMIT	CONC UNITS: UG/L	Q
100-42-5--------	Styrene	2		U
75-25-2---------	Bromoform	2		U
79-34-5---------	1,1,2,2-Tetrachloroethane	2		U
1330-20-7-------	Xylene (total)	2	0.6	DJB