1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-31140-150

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.11

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I19005.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 7 Date Analyzed: 04/11/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-75-8	2-Chloroethyl Vinyl Ether	11	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3260-80

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18990.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 13 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	7	B
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	6	U
75-35-4	1,1-Dichloroethene	6	U
75-34-3	1,1-Dichloroethane	6	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	6	U
107-06-2	1,2-Dichloroethane	6	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	6	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
79-01-6	Trichloroethene	6	U
124-48-1	Dibromochloromethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
71-43-2	Benzene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
75-25-2	Bromoform	6	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
100-42-5	Styrene	6	U
1330-20-7	Xylene (Total)	6	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3260-80

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.01

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18990.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 13 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-75-8	2-Chloroethyl Vinyl Ether	11	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3288-93

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18991.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 9 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	10	B
67-64-1	Acetone	20	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (Total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3288-93

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18991.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 9 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-75-8	2-Chloroethyl Vinyl Ether	11	U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3360-70

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18992.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 6 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	8	B
67-64-1	Acetone	12	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (Total)	5	U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3360-70

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.03

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18992.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 6 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-75-8	2-Chloroethyl Vinyl Ether	11	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3390-95

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18993.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 8 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	12	B
67-64-1	Acetone	27	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (Total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3390-95

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.04

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18993.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 8 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-75-8	2-Chloroethyl Vinyl Ether	11	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3460-80

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18994.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 4 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	7	B
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	8	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	2	J
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (Total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3460-80

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18994.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 4 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-75-8	2-Chloroethyl Vinyl Ether	10	U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-34170-175

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18995.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 9 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl Chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene Chloride	15	B
67-64-1	Acetone	37	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	5	J
71-55-6	1,1,1-Trichloroethane	8	
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	11	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	37	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	3	J
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (Total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-34170-175

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) SOIL Lab Sample ID: 25173.06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: I18995.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. 9 Date Analyzed: 04/10/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-75-8	2-Chloroethyl Vinyl Ether	11	U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSATEBLK

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) WATER Lab Sample ID: 25173.12

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N22120.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. _____ Date Analyzed: 04/12/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	
67-64-1	Acetone	760	E
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (Total)	5	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSATEBLK

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) WATER Lab Sample ID: 25173.12

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N22120.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. _____ Date Analyzed: 04/12/96

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

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-75-8	2-Chloroethyl Vinyl Ether	10	U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSATEBLKDL

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) WATER Lab Sample ID: 25173.12DL

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N22130.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. _____ Date Analyzed: 04/12/96

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

Column: (pack/cap) CAP Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	50	U
74-83-9	Bromomethane	50	U
75-01-4	Vinyl Chloride	50	U
75-00-3	Chloroethane	50	U
75-09-2	Methylene Chloride	25	U
67-64-1	Acetone	730	D
75-15-0	Carbon Disulfide	25	U
75-35-4	1,1-Dichloroethene	25	U
75-34-3	1,1-Dichloroethane	25	U
540-59-0	1,2-Dichloroethene (total)	25	U
67-66-3	Chloroform	25	U
107-06-2	1,2-Dichloroethane	25	U
78-93-3	2-Butanone	50	U
71-55-6	1,1,1-Trichloroethane	25	U
56-23-5	Carbon Tetrachloride	25	U
108-05-4	Vinyl Acetate	50	U
75-27-4	Bromodichloromethane	25	U
78-87-5	1,2-Dichloropropane	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
79-01-6	Trichloroethene	25	U
124-48-1	Dibromochloromethane	25	U
79-00-5	1,1,2-Trichloroethane	25	U
71-43-2	Benzene	25	U
10061-02-6	trans-1,3-Dichloropropene	25	U
75-25-2	Bromoform	25	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	25	U
108-88-3	Toluene	25	U
79-34-5	1,1,2,2-Tetrachloroethane	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
100-42-5	Styrene	25	U
1330-20-7	Xylene (Total)	25	U

FORM I VOA

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSATEBLKDL

Lab Name: SWL-TULSA Contract:

Lab Code: SWOK Case No.: EARTHIN SAS No.: SDG No.: 25173

Matrix: (soil/water) WATER Lab Sample ID: 25173.12DL

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: N22130.D

Level: (low/med) LOW Date Received: 04/06/96

% Moisture: not dec. _____ Date Analyzed: 04/12/96

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

Column: (pack/cap) CAP Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
110-75-8	2-Chloroethyl Vinyl Ether	50	U

FORM I VOA

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17307

Lab Name: SOUTHWEST_LAB_OF_OK Contract: _____

Lab Code: SWOK Case No.: 25173 SAS No.: _____ SDG No.: 25173

Matrix (soil/water): SOIL Lab Sample ID: 2517307

Level (low/med): LOW Date Received: 04/06/96

% Solids: 95.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1700		*	P
7440-36-0	Antimony	2.7	B		P
7440-38-2	Arsenic	2.5			F
7440-39-3	Barium	15.1		*	P
7440-41-7	Beryllium	0.12	B		P
7440-43-9	Cadmium	0.28	B		P
7440-70-2	Calcium	156000			P
7440-47-3	Chromium	4.6		*	P
7440-48-4	Cobalt	2.7			P
7440-50-8	Copper	15.6		*	P
7439-89-6	Iron	10200		E*	P
7439-92-1	Lead	4.0			F
7439-95-4	Magnesium	39200		*	P
7439-96-5	Manganese	637		E*	P
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel	10.3			P
7440-09-7	Potassium	322	B		P
7782-49-2	Selenium	0.29	U	W	F
7440-22-4	Silver	0.30	U		P
7440-23-5	Sodium	167	B		P
7440-28-0	Thallium	0.23	B	W	F
7440-62-2	Vanadium	8.1		*	P
7440-66-6	Zinc	36.2		*	P
	Cyanide	0.33	B		AS

Color Before: BROWN Clarity Before: _____ Texture: COARSE

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

CLIENT_ID = MW-31_6.0'-8.0'

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17311

Lab Name: SOUTHWEST_LAB_OF_OK Contract: _____
Lab Code: SWOK Case No.: 25173 SAS No.: _____ SDG No.: 25173
Matrix (soil/water): SOIL Lab Sample ID: 2517311
Level (low/med): LOW Date Received: 04/06/96
% Solids: 91.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3530		*	P
7440-36-0	Antimony	1.8	U		P
7440-38-2	Arsenic	4.6		S	F
7440-39-3	Barium	46.0		*	P
7440-41-7	Beryllium	0.25			P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	119000			P
7440-47-3	Chromium	6.4		*	P
7440-48-4	Cobalt	5.0			P
7440-50-8	Copper	14.7		*	P
7439-89-6	Iron	10500		E*	P
7439-92-1	Lead	6.6		S	F
7439-95-4	Magnesium	29500		*	P
7439-96-5	Manganese	260		E*	P
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel	13.8			P
7440-09-7	Potassium	729			P
7782-49-2	Selenium	0.31	U	W	F
7440-22-4	Silver	0.32	U		P
7440-23-5	Sodium	116	B		P
7440-28-0	Thallium	0.30	B	W	F
7440-62-2	Vanadium	9.4		*	P
7440-66-6	Zinc	34.0		*	P
	Cyanide	0.89			AS

Color Before: GREY Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID = MW-31_14.0'-15.0'

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17301

Lab Name: SOUTHWEST_LAB_OF_OK Contract: _____
Lab Code: SWOK Case No.: 25173 SAS No.: _____ SDG No.: 25173
Matrix (soil/water): SOIL Lab Sample ID: 2517301
Level (low/med): LOW Date Received: 04/06/96
% Solids: 90.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1200		*	P
7440-36-0	Antimony	3.3	B		P
7440-38-2	Arsenic	1.2			F
7440-39-3	Barium	5.3		*	P
7440-41-7	Beryllium	0.05	B		P
7440-43-9	Cadmium	0.22	B		P
7440-70-2	Calcium	169000			P
7440-47-3	Chromium	3.2		*	P
7440-48-4	Cobalt	1.5	B		P
7440-50-8	Copper	5.4		*	P
7439-89-6	Iron	3850		E*	P
7439-92-1	Lead	3.3			F
7439-95-4	Magnesium	65000		*	P
7439-96-5	Manganese	149		E*	P
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel	2.9	B		P
7440-09-7	Potassium	222	U		P
7782-49-2	Selenium	0.31	U		F
7440-22-4	Silver	0.32	U		P
7440-23-5	Sodium	165	B		P
7440-28-0	Thallium	0.24	U	W	F
7440-62-2	Vanadium	5.7		*	P
7440-66-6	Zinc	12.8		*	P
	Cyanide	1.3			AS

Color Before: BROWN Clarity Before: _____ Texture: COARSE
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID = MW-32_6.0'-8.0'

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17302

Lab Name: SOUTHWEST_LAB_OF_OK Contract: _____
Lab Code: SWOK Case No.: 25173 SAS No.: _____ SDG No.: 25173
Matrix (soil/water): SOIL Lab Sample ID: 2517302
Level (low/med): LOW Date Received: 04/06/96
% Solids: 89.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4260		*	P
7440-36-0	Antimony	1.8	U		P
7440-38-2	Arsenic	5.3			F
7440-39-3	Barium	32.9		*	P
7440-41-7	Beryllium	0.23			P
7440-43-9	Cadmium	0.19	U		P
7440-70-2	Calcium	93300			P
7440-47-3	Chromium	6.5		*	P
7440-48-4	Cobalt	4.8			P
7440-50-8	Copper	12.7		*	P
7439-89-6	Iron	11900		E*	P
7439-92-1	Lead	5.0			F
7439-95-4	Magnesium	31600		*	P
7439-96-5	Manganese	181		E*	P
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel	18.5			P
7440-09-7	Potassium	854			P
7782-49-2	Selenium	0.31	U	W	F
7440-22-4	Silver	0.32	U		P
7440-23-5	Sodium	117	B		P
7440-28-0	Thallium	0.25	U	W	F
7440-62-2	Vanadium	10.9		*	P
7440-66-6	Zinc	31.7		*	P
	Cyanide	0.89			AS

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID = MW-32_8.8'-9.3'

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17303

Lab Name: SOUTHWEST_LAB_OF_OK Contract: _____
Lab Code: SWOK Case No.: 25173 SAS No.: _____ SDG No.: 25173
Matrix (soil/water): SOIL Lab Sample ID: 2517303
Level (low/med): LOW Date Received: 04/06/96
% Solids: 86.3

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1610		*	P
7440-36-0	Antimony	1.9	U		P
7440-38-2	Arsenic	0.52	B	W	F
7440-39-3	Barium	7.2		*	P
7440-41-7	Beryllium	0.08	B		P
7440-43-9	Cadmium	0.20	U		P
7440-70-2	Calcium	63700			P
7440-47-3	Chromium	3.5		*	P
7440-48-4	Cobalt	1.8	B		P
7440-50-8	Copper	7.5		*	P
7439-89-6	Iron	3810		E*	P
7439-92-1	Lead	2.9			F
7439-95-4	Magnesium	20800		*	P
7439-96-5	Manganese	119		E*	P
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel	4.9			P
7440-09-7	Potassium	263	B		P
7782-49-2	Selenium	0.32	U	W	F
7440-22-4	Silver	0.34	U		P
7440-23-5	Sodium	90.8	B		P
7440-28-0	Thallium	0.25	U	W	F
7440-62-2	Vanadium	4.7		*	P
7440-66-6	Zinc	18.5		*	P
	Cyanide	0.21	B		AS

Color Before: BROWN Clarity Before: _____ Texture: COARSE
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID = MW-33_6.0'-7.0'

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17304

Lab Name: SOUTHWEST_LAB_OF_OK Contract: _____
Lab Code: SWOK Case No.: 25173 SAS No.: _____ SDG No.: 25173
Matrix (soil/water): SOIL Lab Sample ID: 2517304
Level (low/med): LOW Date Received: 04/06/96
% Solids: 90.8

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2410		*	P
7440-36-0	Antimony	2.8	B		P
7440-38-2	Arsenic	1.3			F
7440-39-3	Barium	21.6		*	P
7440-41-7	Beryllium	0.14	B		P
7440-43-9	Cadmium	0.25	B		P
7440-70-2	Calcium	135000			P
7440-47-3	Chromium	5.0		*	P
7440-48-4	Cobalt	3.7			P
7440-50-8	Copper	8.0		*	P
7439-89-6	Iron	7790		E*	P
7439-92-1	Lead	4.8			F
7439-95-4	Magnesium	54800		*	P
7439-96-5	Manganese	191		E*	P
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel	5.7			P
7440-09-7	Potassium	487	B		P
7782-49-2	Selenium	0.31	U		F
7440-22-4	Silver	0.32	U		P
7440-23-5	Sodium	137	B		P
7440-28-0	Thallium	0.24	U	W	F
7440-62-2	Vanadium	8.0		*	P
7440-66-6	Zinc	17.0		*	P
	Cyanide	1.5			AS

Color Before: BROWN Clarity Before: _____ Texture: COARSE
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID = MW-33_9.0'-9.5'

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17305

Lab Name: SOUTHWEST_LAB_OF_OK Contract: _____

Lab Code: SWOK Case No.: 25173 SAS No.: _____ SDG No.: 25173

Matrix (soil/water): SOIL Lab Sample ID: 2517305

Level (low/med): LOW Date Received: 04/06/96

% Solids: 95.2

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1600		*	P
7440-36-0	Antimony	2.3	B		P
7440-38-2	Arsenic	2.2			F
7440-39-3	Barium	11.4		*	P
7440-41-7	Beryllium	0.11	B		P
7440-43-9	Cadmium	0.27	B		P
7440-70-2	Calcium	174000			P
7440-47-3	Chromium	4.1		*	P
7440-48-4	Cobalt	3.0			P
7440-50-8	Copper	9.9		*	P
7439-89-6	Iron	9910		E*	P
7439-92-1	Lead	3.9			F
7439-95-4	Magnesium	33200		*	P
7439-96-5	Manganese	307		E*	P
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel	10.7			P
7440-09-7	Potassium	240	B		P
7782-49-2	Selenium	0.29	U		F
7440-22-4	Silver	0.30	U		P
7440-23-5	Sodium	176	B		P
7440-28-0	Thallium	0.23	U	W	F
7440-62-2	Vanadium	6.8		*	P
7440-66-6	Zinc	34.6		*	P
	Cyanide	0.64			AS

Color Before: BROWN Clarity Before: _____ Texture: COARSE

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

CLIENT_ID = MW-34_6.0'-8.0'

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

17306

Lab Name: SOUTHWEST_LAB_OF_OK Contract: _____
Lab Code: SWOK Case No.: 25173 SAS No.: _____ SDG No.: 25173
Matrix (soil/water): SOIL Lab Sample ID: 2517306
Level (low/med): LOW Date Received: 04/06/96
% Solids: 90.4

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4050		*	P
7440-36-0	Antimony	1.8	U		P
7440-38-2	Arsenic	2.8			F
7440-39-3	Barium	46.5		*	P
7440-41-7	Beryllium	0.23			P
7440-43-9	Cadmium	0.31	B		P
7440-70-2	Calcium	85000			P
7440-47-3	Chromium	7.3		*	P
7440-48-4	Cobalt	5.0			P
7440-50-8	Copper	13.5		*	P
7439-89-6	Iron	10900		E*	P
7439-92-1	Lead	5.3			F
7439-95-4	Magnesium	28700		*	P
7439-96-5	Manganese	264		E*	P
7439-97-6	Mercury	0.04	U		AV
7440-02-0	Nickel	13.3			P
7440-09-7	Potassium	837			P
7782-49-2	Selenium	0.31	U		F
7440-22-4	Silver	0.32	U		P
7440-23-5	Sodium	117	B		P
7440-28-0	Thallium	0.24	U		F
7440-62-2	Vanadium	10.5		*	P
7440-66-6	Zinc	33.5		*	P
	Cyanide	1.3			AS

Color Before: GREY Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:
CLIENT_ID = MW-34_17.0'-17.5'

SE2000			
Environmental Logger			
4/22/96 10:36			
Unit# CHROME_L Test 0			
Setups:	INPUT 1	INPUT 2	INPUT 3
---	---	---	---
Type	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC
I.D.	P1	MW31	P2
Reference	727.980	727.660	727.140
SG	1.000	1.000	1.000
Linearity	0.000	0.000	0.026
Scale factor	10.000	10.096	10.100
Offset	0.000	0.210	0.123
Delay mSEC	50.000	50.000	50.000
Step 0 04/18 10:37:50			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3
---	---	---	---
0.000	725.927	726.325	726.289

SE2000			
Environmental Logger			
4/22/96 10:41			
Unit# CHROME_L Test 1			
Setups:	INPUT 1	INPUT 2	INPUT 3
---	---	---	---
Type	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC
I.D.	P1	MW31	P2
Reference	727.980	727.660	0.000
SG	1.000	1.000	1.000
Linearity	0.000	0.000	0.000
Scale factor	10.000	10.096	16.000
Offset	0.000	0.210	4.000
Delay mSEC	50.000	50.000	50.000
Step 0 04/18 11:49:01			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3
---	---	---	---
0.000	725.939	726.331	-3.680
10.000	725.946	728.049	-3.715
20.000	725.955	728.059	-3.740
30.000	725.939	728.046	-3.806
40.000	725.943	728.040	-3.857
50.000	725.952	727.889	-3.872
60.000	725.952	728.049	-3.933
70.000	725.962	728.059	-3.968

SE2000			
Environmental Logger			
4/22/96 10:46			
Unit# CHROME_L Test 2			
Setups:	INPUT 1	INPUT 2	INPUT 3
---	---	---	---
Type	Level (F)	Level (F)	Level (F)
Mode	TOC	TOC	TOC
I.D.	P1	MW31	P2
Reference	727.980	727.660	727.140
SG	1.000	1.000	1.000
Linearity	0.000	0.000	0.026
Scale factor	10.000	10.096	10.100
Offset	0.000	0.210	0.123
Delay mSEC	50.000	50.000	50.000
Step 0 04/18 13:37:47			
Elapsed Time	INPUT 1	INPUT 2	INPUT 3
---	---	---	---
0.000	725.958	726.337	727.085
10.000	725.958	728.052	727.085
20.000	725.962	728.052	727.072

SE2000		
Environmental Logger		
4/22/96 10:43		
Unit# CHROME_L Test 3		
Setups:	INPUT 1	INPUT 2
---	---	---
Type	Level (F)	Level (F)
Mode	TOC	TOC
I.D.	P1	P2
Reference	8.970	8.190
SG	1.000	1.000
Linearity	0.000	0.000
Scale factor	10.000	10.096
Offset	0.000	0.210
Delay mSEC	50.000	50.000
Step 0 04/19 08:55:15		
Elapsed Time	INPUT 1	INPUT 2
---	---	---
0.000	8.922	8.183
10.000	8.941	8.202
20.000	8.951	8.212
30.000	8.960	8.218
40.000	8.963	8.221
50.000	8.960	8.221
60.000	8.970	8.228
70.000	8.970	8.228
80.000	8.966	8.221
90.000	8.976	8.231
100.000	8.966	8.221
110.000	8.944	8.218
120.000	8.973	8.228
130.000	8.982	8.241
140.000	8.957	8.215
150.000	8.970	8.228
160.000	8.970	8.234
170.000	8.979	8.234
180.000	8.979	8.241

SE2000		
Environmental Logger		
4/22/96 10:48		
Unit# CHROME_L Test 4		
Setups:	INPUT 1	INPUT 2
---	---	---
Type	Level (F)	Level (F)
Mode	TOC	TOC
I.D.	P1	P2
Reference	8.985	8.205
SG	1.000	1.000
Linearity	0.000	0.000
Scale factor	10.000	10.096
Offset	0.000	0.210
Delay mSEC	50.000	50.000
Step 0 4/19/1996 12:00:00 PM		
Elapsed Time	INPUT 1	INPUT 2
---	---	---
0.000	8.959	8.192
10.000	8.956	8.220
20.000	8.956	8.224
30.000	8.950	8.214
40.000	8.962	8.224
50.000	8.966	8.233
60.000	8.966	8.224
70.000	8.959	8.227
80.000	8.969	8.233
90.000	8.972	8.233
100.000	8.956	8.217
110.000	8.934	8.211