

Appendix A

**Laboratory Reports and
Chain-of-Custody Record**

To: CHEMIRON
SAN ANTONIO, TX

4310102

CHAIN OF CUSTODY RECORD

PROJECT NO. 721397.07	PROJECT NAME/LOCATION CSSA Groundwater Evaluation		NO. OF CONTAINERS	Analysis Required		REMARKS
	SAMPLE NO.	DATE		TIME	MATRIX	
SAMPLERS (Signatures) <i>J. Roth</i>						
1	5-26-94	1810	Water	Well 16 (T)	2 ✓	Chemron# 36160
2	5-26-94	1810	Water	Well 16 (B)	2 ✓	36161
3	5-26-94	1700	Water	Well 6	2 ✓	36162
4	5-26-94	1715	Water	ER-1	2 ✓	36163
5	5-26-94	1630	Water	Well 4	2 ✓	36164
6	5-26-94	1750	Water	Well 11	2 ✓	36165
7	5-26-94	1750	Water	Well 11 (100)	2 ✓	36166
8	5-26-94	1130	Water	Well G	2 ✓	36167
9	5-26-94	1430	Water	Well 9	2 ✓	36168
10	5-26-94	1230	Water	Well 1	4 2 X X	36169
11	5-26-94	1530	Water	Well 2	2 ✓	3616936170
12	5-26-94	1600	Water	Well 3	2 ✓	36171
Relinquished by: (Signature) <i>J. Roth</i>		Date 5-27-94	Time 2000	Received by: (Signature) <i>piclve by lab</i>		Date 5-27
Relinquished by: (Signature)		Date 5/27/94	Time 1124	Received by: (Signature) <i>oe</i>		Date 5-27
Relinquished by: (Signature)				Date	Time	Received by: (Signature)
Relinquished by: (Signature)				Date	Time	Received by: (Signature)

"Relinquished by" and "Received by" boxes must be completed for all transfers.
White: laboratory returns with data, yellow: laboratory copy, pink: sampler copy

Client:
 Engineering-Science Inc.
 8000 Centre Park Drive, Suite 200
 Austin, TX 78754


Report Date: 6/9/94
Chemron Sample #: 36169
Sample Matrix: Water
Client's Job #: 721397.07
COC #:
Date Sampled: 5/26/94

Sample Description:
 721397.07 CSSA Groundwater Evaluation
 Well 1

Date & Time Received:
 5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l	6/7/94	8010
Bromoform	<2.0	2.0	ug/l	6/7/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/7/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/7/94	8010
Chloroethane	<5.2	5.2	ug/l	6/7/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/7/94	8010
Chloroform	<0.50	0.50	ug/l	6/7/94	8010
Chloromethane	<0.80	0.80	ug/l	6/7/94	8010
Dibromochloromethane	<0.90	0.90	ug/l	6/7/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/7/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/7/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/7/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/7/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/7/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/7/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l	6/7/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/7/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/7/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/7/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/7/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/7/94	8010
Tetrachloroethene	<0.30	0.30	ug/l	6/7/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/7/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/7/94	8010
Trichloroethene	<1.2	1.2	ug/l	6/7/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/7/94	8010
cis-1,2-Dichloroethene	* <1.0	1.0	ug/l	6/7/94	8010

Approved by: 

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:
Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/8/94
Chemron Sample #: 36162
Sample Matrix: Water
Client's Job #: 721397.07
COC #:
Date Sampled: 5/26/94

Sample Description:
721397.07 CSSA Groundwater Evaluation
Well 6

Date & Time Received:
5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	< 1.0	1.0	ug/l	6/6/94	8010
Bromoform	< 2.0	2.0	ug/l	6/6/94	8010
Carbon tetrachloride	< 1.2	1.2	ug/l	6/6/94	8010
Chlorobenzene	< 2.5	2.5	ug/l	6/6/94	8010
Chloroethane	< 5.2	5.2	ug/l	6/6/94	8010
2-Chloroethyl vinyl ether	< 1.3	1.3	ug/l	6/6/94	8010
Chloroform	< 0.50	0.50	ug/l	6/6/94	8010
Chloromethane	< 0.80	0.80	ug/l	6/6/94	8010
Dibromochloromethane	< 0.90	0.90	ug/l	6/6/94	8010
1,2-Dichlorobenzene	< 1.5	1.5	ug/l	6/6/94	8010
1,3-Dichlorobenzene	< 3.2	3.2	ug/l	6/6/94	8010
1,4-Dichlorobenzene	< 2.4	2.4	ug/l	6/6/94	8010
1,1-Dichloroethane	< 0.70	0.70	ug/l	6/6/94	8010
1,2-Dichloroethane (EDC)	< 0.30	0.30	ug/l	6/6/94	8010
1,1-Dichloroethene	< 1.3	1.3	ug/l	6/6/94	8010
trans-1,2-Dichloroethene	< 1.0	1.0	ug/l	6/6/94	8010
Dichloromethane (Methylene chloride)	< 1.0	1.0	ug/l	6/6/94	8010
1,2-Dichloropropane	< 0.40	0.40	ug/l	6/6/94	8010
cis-1,3-Dichloropropene	< 3.4	3.4	ug/l	6/6/94	8010
trans-1,3-Dichloropropene	< 3.4	3.4	ug/l	6/6/94	8010
1,1,2,2-Tetrachloroethene	< 0.30	0.30	ug/l	6/6/94	8010
Tetrachloroethene	1.5	0.30	ug/l	6/6/94	8010
1,1,1-Trichloroethane	< 0.30	0.30	ug/l	6/6/94	8010
1,1,2-Trichloroethane	< 0.20	0.20	ug/l	6/6/94	8010
Trichloroethene	< 1.2	1.2	ug/l	6/6/94	8010
Vinyl chloride	< 1.8	1.8	ug/l	6/6/94	8010
cis-1,2-Dichloroethene	* < 1.0	1.0	ug/l	6/6/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:

Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/9/94

Chemron Sample #: 36168

Sample Matrix: Water

Client's Job #: 721397.07

COC #:

Date Sampled: 5/26/94

Sample Description:

721397.07 CSSA Groundwater Evaluation
Well 9

Date & Time Received:

5/27/94 12:45

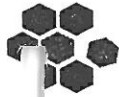
CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l	6/6/94	8010
Bromoform	<2.0	2.0	ug/l	6/6/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/6/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/6/94	8010
Chloroethane	<5.2	5.2	ug/l	6/6/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/6/94	8010
Chloroform	<0.50	0.50	ug/l	6/6/94	8010
Chloromethane	<0.80	0.80	ug/l	6/6/94	8010
Dibromochloromethane	<0.90	0.90	ug/l	6/6/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/6/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/6/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/6/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/6/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/6/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/6/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l	6/6/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/6/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/6/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/6/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/6/94	8010
Trichloroethene	<1.2	1.2	ug/l	6/6/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/6/94	8010
cis-1,2-Dichloroethene	* <1.0	1.0	ug/l	6/6/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:
Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/9/94
Chemron Sample #: 36173
Sample Matrix: Water
Client's Job #: 721397.07
COC #:
Date Sampled: 5/26/94

Sample Description:
721397.07 CSSA Groundwater Evaluation
Well 10

Date & Time Received:
5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l	6/7/94	8010
Bromoform	<2.0	2.0	ug/l	6/7/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/7/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/7/94	8010
Chloroethane	<5.2	5.2	ug/l	6/7/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/7/94	8010
Chloroform	<0.50	0.50	ug/l	6/7/94	8010
Chloromethane	<0.80	0.80	ug/l	6/7/94	8010
Dibromochloromethane	<0.90	0.90	ug/l	6/7/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/7/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/7/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/7/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/7/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/7/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/7/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l	6/7/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/7/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/7/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/7/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/7/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/7/94	8010
Tetrachloroethene	<0.30	0.30	ug/l	6/7/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/7/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/7/94	8010
Trichloroethene	<1.2	1.2	ug/l	6/7/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/7/94	8010
cis-1,2-Dichloroethene	* <1.0	1.0	ug/l	6/7/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:

Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/8/94

Chemron Sample #: 36165

Sample Matrix: Water

Client's Job #: 721397.07

COC #:

Date Sampled: 5/25/94

Sample Description:

721397.07 CSSA Groundwater Evaluation
Well 11

Date & Time Received:

5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	1.9	1.0	ug/l	6/6/94	8010
Bromoform	<2.0	2.0	ug/l	6/6/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/6/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/6/94	8010
Chloroethane	<5.2	5.2	ug/l	6/6/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/6/94	8010
Chloroform	6.5	0.50	ug/l	6/6/94	8010
Chloromethane	<0.80	0.80	ug/l	6/6/94	8010
Dibromochloromethane	2.6	0.90	ug/l	6/6/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/6/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/6/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/6/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/6/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/6/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/6/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l	6/6/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/6/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/6/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/6/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/6/94	8010
Trichloroethene	<1.2	1.2	ug/l	6/6/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/6/94	8010
cis-1,2-Dichloroethene	* <1.0	1.0	ug/l	6/6/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:

Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/8/94

Chemron Sample #: 36166

Sample Matrix: Water

Client's Job #: 721397.07

COC #:

Date Sampled: 5/25/94

Sample Description:

721397.07 CSSA Groundwater Evaluation
Well 11 (100)

Date & Time Received:

5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	1.9	1.0	ug/l	6/6/94	8010
Bromoform	<2.0	2.0	ug/l	6/6/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/6/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/6/94	8010
Chloroethane	<5.2	5.2	ug/l	6/6/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/6/94	8010
Chloroform	6.0	0.50	ug/l	6/6/94	8010
Chloromethane	<0.80	0.80	ug/l	6/6/94	8010
Dibromochloromethane	2.6	0.90	ug/l	6/6/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/6/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/6/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/6/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/6/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/6/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/6/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l	6/6/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/6/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/6/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/6/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/6/94	8010
Trichloroethene	<1.2	1.2	ug/l	6/6/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/6/94	8010
cis-1,2-Dichloroethene	* <1.0	1.0	ug/l	6/6/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:

Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/8/94

Chemron Sample #: 36160

Sample Matrix: Water

Client's Job #: 721397.07

COC #:

Date Sampled: 5/26/94

Sample Description:

721397.07 CSSA Groundwater Evaluation
Well 16 (T)

Date & Time Received:

5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	< 1.0	1.0	ug/l	6/6/94	8010
Bromoform	< 2.0	2.0	ug/l	6/6/94	8010
Carbon tetrachloride	< 1.2	1.2	ug/l	6/6/94	8010
Chlorobenzene	< 2.5	2.5	ug/l	6/6/94	8010
Chloroethane	< 5.2	5.2	ug/l	6/6/94	8010
2-Chloroethyl vinyl ether	< 1.3	1.3	ug/l	6/6/94	8010
Chloroform	< 0.50	0.50	ug/l	6/6/94	8010
Chloromethane	< 0.80	0.80	ug/l	6/6/94	8010
Dibromochloromethane	< 0.90	0.90	ug/l	6/6/94	8010
1,2-Dichlorobenzene	< 1.5	1.5	ug/l	6/6/94	8010
1,3-Dichlorobenzene	< 3.2	3.2	ug/l	6/6/94	8010
1,4-Dichlorobenzene	< 2.4	2.4	ug/l	6/6/94	8010
1,1-Dichloroethane	< 0.70	0.70	ug/l	6/6/94	8010
1,2-Dichloroethane (EDC)	< 0.30	0.30	ug/l	6/6/94	8010
1,1-Dichloroethene	< 1.3	1.3	ug/l	6/6/94	8010
trans-1,2-Dichloroethene	< 1.0	1.0	ug/l	6/6/94	8010
Dichloromethane (Methylene chloride)	< 1.0	1.0	ug/l	6/6/94	8010
1,2-Dichloropropane	< 0.40	0.40	ug/l	6/6/94	8010
cis-1,3-Dichloropropene	< 3.4	3.4	ug/l	6/6/94	8010
trans-1,3-Dichloropropene	< 3.4	3.4	ug/l	6/6/94	8010
1,1,2,2-Tetrachloroethene	< 0.30	0.30	ug/l	6/6/94	8010
Tetrachloroethene	75	0.30	ug/l	6/6/94	8010
1,1,1-Trichloroethane	< 0.30	0.30	ug/l	6/6/94	8010
1,1,2-Trichloroethane	< 0.20	0.20	ug/l	6/6/94	8010
Trichloroethene	83	1.2	ug/l	6/6/94	8010
Vinyl chloride	< 1.8	1.8	ug/l	6/6/94	8010
cis-1,2-Dichloroethene	* 75	1.0	ug/l	6/6/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign (" $<$ "), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:

Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/8/94

Chemron Sample #: 36161

Sample Matrix: Water

Client's Job #: 721397.07

COC #:

Date Sampled: 5/26/94

Sample Description:

721397.07 CSSA Groundwater Evaluation
Well 16 (B)

Date & Time Received:

5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l	6/6/94	8010
Bromoform	<2.0	2.0	ug/l	6/6/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/6/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/6/94	8010
Chloroethane	<5.2	5.2	ug/l	6/6/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/6/94	8010
Chloroform	<0.50	0.50	ug/l	6/6/94	8010
Chloromethane	<0.80	0.80	ug/l	6/6/94	8010
Dibromochloromethane	<0.90	0.90	ug/l	6/6/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/6/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/6/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/6/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/6/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/6/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/6/94	8010
trans-1,2-Dichloroethene	1.3	1.0	ug/l	6/6/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/6/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/6/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
Tetrachloroethene	150	0.30	ug/l	6/6/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/6/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/6/94	8010
Trichloroethene	170	1.2	ug/l	6/6/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/6/94	8010
cis-1,2-Dichloroethene	* 150	1.0	ug/l	6/6/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.

Client:
 Engineering-Science Inc.
 8000 Centre Park Drive, Suite 200
 Austin, TX 78754

Report Date: 6/9/94
 Chemron Sample #: 36176
 Sample Matrix: Water
 Client's Job #: 721397.07
 COC #:
 Date Sampled: 5/26/94

Sample Description:
 721397.07 CSSA Groundwater Evaluation
 Well D

Date & Time Received:
 5/27/94 12:45

CHEMICAL ANALYSIS REPORT

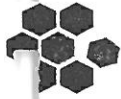
<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l	6/7/94	8010
Bromoform	<2.0	2.0	ug/l	6/7/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/7/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/7/94	8010
Chloroethane	<5.2	5.2	ug/l	6/7/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/7/94	8010
Chloroform	<0.50	0.50	ug/l	6/7/94	8010
Chloromethane	<0.80	0.80	ug/l	6/7/94	8010
Dibromochloromethane	<0.90	0.90	ug/l	6/7/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/7/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/7/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/7/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/7/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/7/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/7/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l	6/7/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/7/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/7/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/7/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/7/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/7/94	8010
Tetrachloroethene	82	0.30	ug/l	6/7/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/7/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/7/94	8010
Trichloroethene	120	1.2	ug/l	6/7/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/7/94	8010
cis-1,2-Dichloroethene	* 76	1.0	ug/l	6/7/94	8010

Approved by: _____



*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign (" $<$ "), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:

Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/8/94

Chemron Sample #: 36167

Sample Matrix: Water

Client's Job #: 721397.07

COC #:

Date Sampled: 5/26/94

Sample Description:

721397.07 CSSA Groundwater Evaluation
Well G

Date & Time Received:

5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l	6/6/94	8010
Bromoform	<2.0	2.0	ug/l	6/6/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/6/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/6/94	8010
Chloroethane	<5.2	5.2	ug/l	6/6/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/6/94	8010
Chloroform	<0.50	0.50	ug/l	6/6/94	8010
Chloromethane	<0.80	0.80	ug/l	6/6/94	8010
Dibromochloromethane	<0.90	0.90	ug/l	6/6/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/6/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/6/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/6/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/6/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/6/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/6/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l	6/6/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/6/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/6/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/6/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/6/94	8010
Trichloroethene	<1.2	1.2	ug/l	6/6/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/6/94	8010
cis-1,2-Dichloroethene	* <1.0	1.0	ug/l	6/6/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:

Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/9/94

Chemron Sample #: 36175

Sample Matrix: Water

Client's Job #: 721397.07

COC #:

Date Sampled: 5/25/94

Sample Description:

721397.07 CSSA Groundwater Evaluation
Well H

Date & Time Received:

5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	< 1.0	1.0	ug/l	6/7/94	8010
Bromoform	< 2.0	2.0	ug/l	6/7/94	8010
Carbon tetrachloride	< 1.2	1.2	ug/l	6/7/94	8010
Chlorobenzene	< 2.5	2.5	ug/l	6/7/94	8010
Chloroethane	< 5.2	5.2	ug/l	6/7/94	8010
2-Chloroethyl vinyl ether	< 1.3	1.3	ug/l	6/7/94	8010
Chloroform	< 0.50	0.50	ug/l	6/7/94	8010
Chloromethane	< 0.80	0.80	ug/l	6/7/94	8010
Dibromochloromethane	< 0.90	0.90	ug/l	6/7/94	8010
1,2-Dichlorobenzene	< 1.5	1.5	ug/l	6/7/94	8010
1,3-Dichlorobenzene	< 3.2	3.2	ug/l	6/7/94	8010
1,4-Dichlorobenzene	< 2.4	2.4	ug/l	6/7/94	8010
1,1-Dichloroethane	< 0.70	0.70	ug/l	6/7/94	8010
1,2-Dichloroethane (EDC)	< 0.30	0.30	ug/l	6/7/94	8010
1,1-Dichloroethene	< 1.3	1.3	ug/l	6/7/94	8010
trans-1,2-Dichloroethene	< 1.0	1.0	ug/l	6/7/94	8010
Dichloromethane (Methylene chloride)	< 1.0	1.0	ug/l	6/7/94	8010
1,2-Dichloropropane	< 0.40	0.40	ug/l	6/7/94	8010
cis-1,3-Dichloropropene	< 3.4	3.4	ug/l	6/7/94	8010
trans-1,3-Dichloropropene	< 3.4	3.4	ug/l	6/7/94	8010
1,1,2,2-Tetrachloroethene	< 0.30	0.30	ug/l	6/7/94	8010
Tetrachloroethene	< 0.30	0.30	ug/l	6/7/94	8010
1,1,1-Trichloroethane	< 0.30	0.30	ug/l	6/7/94	8010
1,1,2-Trichloroethane	< 0.20	0.20	ug/l	6/7/94	8010
Trichloroethene	< 1.2	1.2	ug/l	6/7/94	8010
Vinyl chloride	< 1.8	1.8	ug/l	6/7/94	8010
cis-1,2-Dichloroethene	* < 1.0	1.0	ug/l	6/7/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:
Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/9/94
Chemron Sample #: 36174
Sample Matrix: Water
Client's Job #: 721397.07
COC #:
Date Sampled: 5/25/94

Sample Description:
721397.07 CSSA Groundwater Evaluation
Well I

Date & Time Received:
5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l	6/7/94	8010
Bromoform	<2.0	2.0	ug/l	6/7/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/7/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/7/94	8010
Chloroethane	<5.2	5.2	ug/l	6/7/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/7/94	8010
Chloroform	<0.50	0.50	ug/l	6/7/94	8010
Chloromethane	<0.80	0.80	ug/l	6/7/94	8010
Dibromochloromethane	<0.90	0.90	ug/l	6/7/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/7/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/7/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/7/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/7/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/7/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/7/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l	6/7/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/7/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/7/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/7/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/7/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/7/94	8010
Tetrachloroethene	<0.30	0.30	ug/l	6/7/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/7/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/7/94	8010
Trichloroethene	<1.2	1.2	ug/l	6/7/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/7/94	8010
cis-1,2-Dichloroethene	* <1.0	1.0	ug/l	6/7/94	8010

Approved by: 

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:

Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/11/94

Chemron Sample #: 36177

Sample Matrix: Water

Client's Job #: 721397.07

COC #:

Date Sampled: 5/26/94

Sample Description:

721397.07 CSSA Groundwater Evaluation
Trip Blank

Date & Time Received:

5/27/94 12:45

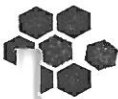
CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l	6/10/94	8010
Bromoform	<2.0	2.0	ug/l	6/10/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/10/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/10/94	8010
Chloroethane	<5.2	5.2	ug/l	6/10/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/10/94	8010
Chloroform	<0.50	0.50	ug/l	6/10/94	8010
Chloromethane	<0.80	0.80	ug/l	6/10/94	8010
Trichloroethene	<0.90	0.90	ug/l	6/10/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/10/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/10/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/10/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/10/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/10/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/10/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l	6/10/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/10/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/10/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/10/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/10/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/10/94	8010
Tetrachloroethene	<0.30	0.30	ug/l	6/10/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/10/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/10/94	8010
Trichloroethene	<1.2	1.2	ug/l	6/10/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/10/94	8010
cis-1,2-Dichloroethene	* <1.0	1.0	ug/l	6/10/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:
Engineering-Science Inc.
8000 Centre Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/8/94
Chemron Sample #: 36163
Sample Matrix: Water
Client's Job #: 721397.07
COC #:
Date Sampled: 5/26/94

Sample Description:
721397.07 CSSA Groundwater Evaluation
ER-1

Date & Time Received:
5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l	6/6/94	8010
Bromoform	<2.0	2.0	ug/l	6/6/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l	6/6/94	8010
Chlorobenzene	<2.5	2.5	ug/l	6/6/94	8010
Chloroethane	<5.2	5.2	ug/l	6/6/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l	6/6/94	8010
Chloroform	<0.50	0.50	ug/l	6/6/94	8010
Chloromethane	<0.80	0.80	ug/l	6/6/94	8010
Dibromochloromethane	<0.90	0.90	ug/l	6/6/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l	6/6/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l	6/6/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l	6/6/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l	6/6/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l	6/6/94	8010
1,1-Dichloroethene	<1.3	1.3	ug/l	6/6/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l	6/6/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l	6/6/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l	6/6/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l	6/6/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
Tetrachloroethene	<0.30	0.30	ug/l	6/6/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l	6/6/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l	6/6/94	8010
Trichloroethene	<1.2	1.2	ug/l	6/6/94	8010
Vinyl chloride	<1.8	1.8	ug/l	6/6/94	8010
cis-1,2-Dichloroethene	* <1.0	1.0	ug/l	5/6/94	8010

Approved by: _____

*Estimated value - Compound was not part of calibration mixture.

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign ("<"), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:

Engineering-Science Inc.
8000 Central Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/9/94

Chemtron Sample #: 36169MS

Sample Matrix: Water

Client's Job #: 721397.07

COC #:

Date Sampled: 5/26/94

Sample Description:

721397.07 CSSA Groundwater Evaluation
Well 1

Date & Time Received:

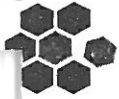
5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>%Rec</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l		6/7/94	8010
Bromoform	<2.0	2.0	ug/l		6/7/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l		6/7/94	8010
Chlorobenzene	6.9	2.5	ug/l	115.0%	6/7/94	8010
Chloroethane	<5.2	5.2	ug/l		6/7/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l		6/7/94	8010
Chloroform	<0.50	0.50	ug/l		6/7/94	8010
Chloromethane	<0.80	0.80	ug/l		6/7/94	8010
Dibromochloromethane	<0.90	0.90	ug/l		6/7/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l		6/7/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l		6/7/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l		6/7/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l		6/7/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l		6/7/94	8010
1,1-Dichloroethene	6.1	1.3	ug/l	101.7%	6/7/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l		6/7/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l		6/7/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l		6/7/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l		6/7/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l		6/7/94	8010
1,1,1,2-Tetrachloroethene	<0.30	0.30	ug/l		6/7/94	8010
Tetrachloroethene	<0.30	0.30	ug/l		6/7/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l		6/7/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l		6/7/94	8010
Trichloroethene	6.3	1.2	ug/l	105.0%	6/7/94	8010
Vinyl chloride	<1.8	1.8	ug/l		6/7/94	8010

Approved by: _____

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign (" $<$ "), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.



Client:

Engineering-Science Inc.
8000 Central Park Drive, Suite 200
Austin, TX 78754

Report Date: 6/9/94

Chemron Sample #: 36169MSD

Sample Matrix: Water

Client's Job #: 721397.07

COC #:

Date Sampled: 5/26/94

Sample Description:

721397.07 CSSA Groundwater Evaluation
Well 1

Date & Time Received:

5/27/94 12:45

CHEMICAL ANALYSIS REPORT

<u>Parameter</u>	<u>Results</u>	<u>Quant. Limit</u>	<u>Units</u>	<u>%Rec</u>	<u>Date Analyzed</u>	<u>Method</u>
Bromodichloroethane	<1.0	1.0	ug/l		6/7/94	8010
Bromoform	<2.0	2.0	ug/l		6/7/94	8010
Carbon tetrachloride	<1.2	1.2	ug/l		6/7/94	8010
Chlorobenzene	6.7	2.5	ug/l	111.7%	6/7/94	8010
Chloroethane	<5.2	5.2	ug/l		6/7/94	8010
2-Chloroethyl vinyl ether	<1.3	1.3	ug/l		6/7/94	8010
Chloroform	<0.50	0.50	ug/l		6/7/94	8010
Chloromethane	<0.80	0.80	ug/l		6/7/94	8010
Dibromochloromethane	<0.90	0.90	ug/l		6/7/94	8010
1,2-Dichlorobenzene	<1.5	1.5	ug/l		6/7/94	8010
1,3-Dichlorobenzene	<3.2	3.2	ug/l		6/7/94	8010
1,4-Dichlorobenzene	<2.4	2.4	ug/l		6/7/94	8010
1,1-Dichloroethane	<0.70	0.70	ug/l		6/7/94	8010
1,2-Dichloroethane (EDC)	<0.30	0.30	ug/l		6/7/94	8010
1,1-Dichloroethene	6.0	1.3	ug/l	100.0%	6/7/94	8010
trans-1,2-Dichloroethene	<1.0	1.0	ug/l		6/7/94	8010
Dichloromethane (Methylene chloride)	<1.0	1.0	ug/l		6/7/94	8010
1,2-Dichloropropane	<0.40	0.40	ug/l		6/7/94	8010
cis-1,3-Dichloropropene	<3.4	3.4	ug/l		6/7/94	8010
trans-1,3-Dichloropropene	<3.4	3.4	ug/l		6/7/94	8010
1,1,2,2-Tetrachloroethene	<0.30	0.30	ug/l		6/7/94	8010
Tetrachloroethene	<0.30	0.30	ug/l		6/7/94	8010
1,1,1-Trichloroethane	<0.30	0.30	ug/l		6/7/94	8010
1,1,2-Trichloroethane	<0.20	0.20	ug/l		6/7/94	8010
Trichloroethene	6.4	1.2	ug/l	106.7%	6/7/94	8010
Vinyl chloride	<1.8	1.8	ug/l		6/7/94	8010

Approved by: _____

All test method numbers are references to U.S. Environmental Protection Agency methods unless otherwise noted. If an analytical value is shown with the less than sign (" $<$ "), this indicates that the parameter was not detected. The corresponding number then represents the nominal practical quantitation limit for the analytical procedure employed.

SAMPLE LOGIN CHECKLIST

DATE: 5-27-94 TIME: 12:40 INITIALS: TM
CLIENT: Engineering Science Inc. Project: CSSA Groundwater Evaluation

- 1. Is a Chain of Custody present? Yes No
- 2. Is the Chain of Custody properly completed? Yes No
- 3. Are custody seals present? Yes No
 - If yes, are they intact? Yes No N/A
 - If yes, are they on sample _____ or on Ice Chest
- 4. Are all samples tagged or labelled? Yes No
 - Do the labels match the Chain of Custody? Yes No N/A
- 5. Do all shipping documents agree (i.e. number of coolers arrived vs. on tickets, if not describe below) Yes No N/A
- 6. Delivery Agent Karlton
- 7. Condition of shipping container: good
- 8. Condition and Temperature of Samples: 4°C Intact

9. Are samples preserved properly? Yes No
If not, describe: _____

10. Are all samples within holding time on arrival? Yes No

11. Sample disposal: Return to Client _____ Chemron disposal

Comments (reference checklist item number):

Client Contact for Resolution:

Name: _____ Phone _____ Fax _____ Date & Time _____

Emergency Contact:

Name: _____ Phone _____ Fax _____ Date & Time _____