FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 08/08/94

*FREEZE CREEK WATER
% THE BOYER CO.
127 SO. 500 E. #127
SLC, UT 84102

94-076760

SAMPLE: WELL WATER SAMPLE COLLECTED 8-2-94, 11:50 A.M. BY D.MOFFAT
RECEIVED 8-2-94 FOR ANALYSIS.
WELL #1

	Results	Method Detection Limit
Fluoride mg/l EPA 340.2	.25	.10
Sulfate SO4 mg/l SM4500	90	20
Tot.Dis.Solids mg/l EPA 160.1	528	1.0
Turbidity NTU EPA 180.1	.7	.50

|Analyzed by Chemtech/Ford

FORD ANALYTICAL LABORATORIES

* ND - None Detected Above Specified Detection Limit *

CHEMTECH
ANALYTICAL LABORATORY

6100 S. STRATLER
MURRAY, UTAH 84107
PHONE: (801) 262-7299
FAX: (801) 262-7378

FAX COVER PAGE

TO: Dick Moffat

ATTN . 521-4781

FAX #: ( )

Total number of pages including cover page: 1

If you did not receive all pages, please call (801) 262-7299.

FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 07/25/94

*FREEZE CREEK WATER
% THE BOYER CO.
127 SO. 500 E. #127
SLC, UT 84102

94-057020

SAMPLE: DRINKING WATER SAMPLE COLLECTED 6-10-94, 11:30 A.M.
RECEIVED 6-10-94 FOR ANALYSIS; SYSTEM #18143.
WELL #1

	Results	Method Detection Limit
Antimony Sb mg/l EPA 200.9	ND	.0030
Arsenic As mg/l EPA 200.7	ND	.0100
Barium Ba mg/l EPA 200.7	.026	.010
Beryllium Be mg/l EPA 200.9	ND	.0003
Cadmium Cd mg/l EPA 200.9	ND	.001
Chromium Cr mg/l EPA 200.7	ND	.005
Copper Cu mg/l EPA 200.7	ND	.050
Cyanide CN mg/l D2036-89	ND	.003
Fluoride mg/l EPA 340.2	5.48	.10
Lead Pb mg/l EPA 200.9	ND	.005
Mercury Hg mg/l EPA 245.1	ND	.0002
NO3-N + NO2-N mg/l EPA 353.1	.77	.02
Nickel Ni mg/l EPA 200.7	ND	.005
Nitrite NO2-N mg/l EPA 354	ND	.02
Selenium Se mg/l EPA 200.7	.0092	.0020
Sodium Na mg/l EPA 200.7	813	.500

50 West Louise Avenue • Salt Lake City, Utah 84115 • PHONE (801) 466-8761 • FAX (801) 466-8763

94-057020

	Results	Method Detection Limit
Sulfate SO4 mg/l SM4500	1340	20
Thallium Tl mg/l EPA 200.9	ND	.0010
Tot.Dis.Solids mg/l EPA 160.1	2550	1.0
Turbidity NTU EPA 180.1	11.9	.50
- REGULATED VOC'S		
- EPA METHOD 524.2		
1,1,1 Trichloroethane mg/l	ND	.0001
1,1,2 Trichloroethane mg/l	ND	.0001
1,1-Dichloroethylene mg/l	ND	.0002
1,2,4 Trichlorobenzene mg/l	ND	.0002
1,2-Dichloroethane mg/l	ND	.0001
1,2-Dichloropropane mg/l	ND	.0001
Benzene mg/l	ND	.0005
Carbon Tetrachloride mg/l	ND	.0001
Dichloromethane mg/l	ND	.0005
Ethylbenzene mg/l	ND	.0001
Monochlorobenzene mg/l	ND	.0002
Styrene mg/l	ND	.0002
Tetrachloroethene mg/l	ND	.0002
Toluene mg/l	ND	.0005

CERTIFICATE OF ANALYSIS

94-057020

	Results	Method Detection Limit
Trichloroethylene mg/l	ND	.0001
Vinyl Chloride mg/l	ND	.0002
Xylenes mg/l	ND	.0002
cis-1,2Dichloroethylene mg/l	ND	.0001
o-Dichlorobenzene mg/l	ND	.0001
p-Dichlorobenzene mg/l	ND	.0001
trans-12Dichloroethylene mg/l	ND	.0001
Gross Alpha pCi/l	ND	2
Gross Beta pCi/l	ND	3

Joel Workman

FORD ANALYTICAL LABORATORIES

* ND - None Detected Above Specified Detection Limit *
INROGANICS AND METALS ANALYSIS PERFORMED BY CHEMTECH/FORD.
524 ANALYSIS PERFORMED BY EHL.
RADIOLOGICAL ANALYSIS PERFORMED BY CEP.

Environmental Health Laboratories

110 S. Hill Street
South Bend, IN 46617
(219) 233-4777
(219) 233-3272
FAX (219) 233-8207

LABORATORY REPORT

Client: Ford Analytical Laboratories
Attn: Linda Daniels
50 West Louise Avenue
Salt Lake City, UT 84115

Report: 117135-41(35)

Priority: Standard Written

Status: Final

Project / Site: Ford Lab # 57020

Samples Submitted: One drinking water sample

Copies to: None

Collected: 06-10-94 By: Client Received: 06-14-94

REPORT SUMMARY

None of the VOCs included in the detailed parameter list were detected in the sample submitted for analysis.

Note: Sample containers and preservative were provided by the client.

Detailed quantitative results are presented on the following page.

Results of all associated quality control samples were within acceptance limits. No project specific quality control was requested.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call us at (219) 233-4777.

Reviewed By: Paul J Lamia Date: 7-22-94

Finalized By: Jeff Brown Date: 7-22-94

Controls for Environmental Pollution, Inc.
P.O. BOX 5351 • Santa Fe, New Mexico 87502 OUT OF STATE 800/545-2188 • FAX - 505-982-9289
IN STATE 505/982-9841

Order # 94-06-309
06/29/94 11:28

Controls for Environmental
TEST RESULTS BY SAMPLE

Freeze Creek

Sample: 01A 57020 Collected: 06/10/94 11:30

Test Description	Result	D.L.	Units	Analyzed	By
Gross Alpha	<2	2	pCi/liter	06/24/94	LR
Gross Beta	<3	3	pCi/liter	06/24/94	LR

Client: Ford Analytical Laboratories

Report: 117135-41(35)

PARAMETER	Report Limit ** (ug/L)	Result (ug/l)	MCL (ug/L)
Regulated Parameters			
Benzene	0.5	< 0.5	5
Bromodichloromethane	0.1	< 0.1	100 *
Bromoform	0.1	< 0.1	100 *
Carbon tetrachloride	0.1	< 0.1	5
Chlorobenzene	0.2	< 0.2	100
Chloroform	0.1	< 0.1	100 *
Dibromochloromethane	0.1	< 0.1	100 *
1,2-Dibromo-3-Chloropropane	0.2	< 0.2	0.2
1,2-Dibromoethane(EDB)	0.1	< 0.1	0.05
1,2-Dichlorobenzene	0.1	< 0.1	600
1,4-Dichlorobenzene	0.1	< 0.1	75
1,2-Dichloroethane	0.1	< 0.1	5
1,1-Dichloroethylene	0.2	< 0.2	7
1,2-Dichloroethylene, cis	0.1	< 0.1	70
1,2-Dichloroethylene, trans	0.1	< 0.1	100
Dichloromethane	0.5	< 0.5	5
1,2-Dichloropropane	0.1	< 0.1	5
Ethylbenzene	0.1	< 0.1	700
Styrene	0.2	< 0.2	100
Tetrachloroethylene	0.2	< 0.2	5
Toluene	0.5	< 0.5	1000
1,2,4-Trichlorobenzene	0.2	< 0.2	70
1,1,1-Trichloroethane	0.1	< 0.1	200
1,1,2-Trichloroethane	0.1	< 0.1	5
Trichloroethylene	0.1	< 0.1	5
Vinyl chloride	0.2	< 0.2	2
Total Xylenes	0.2	< 0.2	10000

PARAMETER	Report Limit ** (ug/L)	Result (ug/l)
Unregulated Parameters		
Bromobenzene	0.2	< 0.2
Bromochloromethane	0.2	< 0.2
Bromomethane	0.5	< 0.5
n-Butylbenzene	0.2	< 0.2
sec-Butylbenzene	0.2	< 0.2
tert-Butylbenzene	0.2	< 0.2
Chloroethane	0.5	< 0.5
Chloromethane	0.5	< 0.5
2-Chlorotoluene (o-)	0.2	< 0.2
4-Chlorotoluene (p-)	0.2	< 0.2
Dibromomethane	0.1	< 0.1
1,3-Dichlorobenzene	0.1	< 0.1
Dichlorodifluoromethane	0.5	< 0.5
1,1-Dichloroethane	0.1	< 0.1
1,3-Dichloropropane	0.1	< 0.1
2,2-Dichloropropane	0.2	< 0.2
1,1-Dichloropropylene	0.1	< 0.1
1,3-Dichloropropylene, total	0.1	< 0.1
Hexachlorobutadiene	0.2	< 0.2
Isopropylbenzene	0.1	< 0.1
4-Isopropyltoluene (p-)	0.1	< 0.1
Naphthalene	0.2	< 0.2
n-Propylbenzene	0.1	< 0.1
1,1,1,2-Tetrachloroethane	0.1	< 0.1
1,1,2,2-Tetrachloroethane	0.1	< 0.1
1,2,3-Trichlorobenzene	0.2	< 0.2
Trichlorofluoromethane	0.5	< 0.5
1,2,3-Trichloropropane	0.2	< 0.2
1,2,4-Trimethylbenzene	0.1	< 0.1
1,3,5-Trimethylbenzene	0.1	< 0.1

Method: 524.2

Analysis Date: 06-15-94

Analyst: DC

* The MCL of 100 ug/L is for total trihalomethanes.

** EHL has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

PHONE: (801) 466-8761 FAX (801) 466-8763

FAX

FAX Number: 521-4783 Date: 7/25/94

Firm name:

Deliver to: Dick Moffat

From: Lisa We are sending 3 pages plus this cover sheet.

Message

FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

CERTIFICATE OF ANALYSIS

DATE: 07/25/94

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% THE BOYER CO.
127 SO. 500 E. #127
SLC, UT 84102

94-057020

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94-057020

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Styrene mg/l	ND	.0002	
Tetrachloroethene mg/l	ND	.0002	
Toluene mg/l	ND	.0005	

Salt Lake City, Utah 84115 • PHONE (801) 466-8761 • FAX (801) 466-8763

FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

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FORD ANALYTICAL LABORATORIES

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INROGANICS AND METALS ANALYSIS PERFORMED BY CHEMTECH/FORD.
524 ANALYSIS PERFORMED BY EHL.
RADIOLOGICAL ANALYSIS PERFORMED BY CEP.

ANALYSIS REQUEST

FORD ANALYTICAL LABORATORY
(801) 466-8761

Report Results to:

Company: Freeze Creek Wtr Co

Address: ATTN: DICK MOFFAT c/o BOYER CO. 127 SOUTH 500 EAST # 310

City/State/Zip: SLC UT 84102

Phone: 521-4781 Fax:

Project Information:

Company Contact: DICK MOFFAT

Project ID: System # 18143

P.O. Number:

Sample Information:

Utah Compliance? yes / no

(If yes, circle one: SDWA / CWA / RCRA / Other)

Date Needed*:

*NOTE: expedited turnaround subject to additional charge

ANALYSES REQUESTED (include method ref. and required DL's if known)

SAMPLE ID or LOCATION	collection date	collection time	number of containers	Drinking Water	Waste Water	Sludge (reported dry wt.)	Oil	Soil / Solid	Inorganics & metals	NO3/NO2	VOC's	Radiological
Well #1	06.10.94	1130 am		✓					✓	✓	✓	✓
0.												

Richard Moffat
Authorized By

Date/Time

Becky Hansen
Received By (Lab)

06.10.94/1215
Date/Time

Special Instructions/Comments:

Lab Use Only

- ☐ RUSH required
- ☐ Correct Containers
- ☐ Correct Preservative
- ☐ Custody Seals
- ☐ Paperwork Complete