



Ford Chemical

LABORATORY, INC.

Bacteriological and Chemical Analysis

40 WEST LOUISE AVENUE
SALT LAKE CITY, UTAH 84115

PHONE 466-8761

DATE: 04/25/84

CERTIFICATE OF ANALYSIS

BOYER COMPANY
675 E. 500 SO.
SUITE #600
SLC, UT 84102

(Boyer Well Nr. 1)

84-009063

SAMPLE: CREEK WATER SAMPLE FROM EMIGRATION CANYON, TWIN SPRING,
FREEZE CREEK RECEIVED 3-28-84 FOR COMPLETE ANALYSIS.

Alkalinity, CaCO ₃ mg/l SM403	228	Ammonia, NH ₃ -N mg/l SM417C	.18
Arsenic, As mg/l SM304	<.001	Barium, Ba mg/l SM303C	.25
Bicarbonate, HCO ₃ mg/l SM403	278.16	Boron as B mg/l	.05
Cadmium, Cd mg/l SM304	<.001	Calcium, Ca mg/l SM303A	91.20
Carbonate as CO ₃ mg/l SM403	<.01	Chloride, Cl mg/l SM407A	17.0
Chromium as Cr Hex. mg/l SM3	<.001	Chromium, Cr (Tot) mg/l SM30	<.001
Conductivity umhos/cm SM205	500	Copper, Cu mg/l SM303A	<.010
Fluoride, F mg/l SM413B	.12	Hardness, CaCO ₃ mg/l SM309R	293
Hydroxide as OH mg/l	<.01	Iron, Fe (Dis) mg/l SM303A	.08
Iron, Fe (Tot) mg/l SM303A	.08	Lead, Pb mg/l SM303A	.003
Magnesium, Mg mg/l SM303A	15.60	Manganese, Mn mg/l SM303A	<.01
Mercury, Hg mg/l SM320A	<.0002	Nickel, Ni mg/l SM303A	<.01
Nitrate, NO ₃ -N mg/l SM418C	<.01	Nitrite as NO ₂ -N mg/l	<.01
Phosphate PO ₄ -P Ortho mg/l	.04	Potassium, K mg/l SM303A	.9
Selenium, Se mg/l SM304	<.001	Silica, SiO ₂ (Dis) mg/l SM426	21.50



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Silver, As ms/l SM3033	.0020	Sodium, Na ms/l SM303A	11.20
Sulfate, SO4 ms/l SM426D	67	Total Dis. Solids ms/l SM20	500
Turbidity NTU	1.00	Zinc, Zn ms/l SM303A	.01
PH Units SM423	7.50		


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83-009063-01

FORD CHEMICAL LABORATORIES

BALANCE SHEET FOR SAMPLE: (1) RESULTS

CATIONS

Calcium, Ca ms/l SM303A
Magnesium, Mg ms/l SM303A
Iron, Fe (Dis) ms/l SM303A
Sodium, Na ms/l SM303A
Potassium, K ms/l SM303A

ms/l	meq/l
91.200	4.551
15.600	1.293
.080	.003
11.200	.487
.900	.023

ANIONS

Carbonate as CO₃ ms/l SM403
Bicarbonate, HCO₃ ms/l SM403
Sulfate, SO₄ ms/l SM426D
Chloride, Cl ms/l SM407A
Nitrate, NO₃-N ms/l SM418C

ms/l	meq/l
.000	.000
278.160	4.562
67.000	1.395
17.000	.480
.000	.000

BALANCE INFORMATION

CATIONS: 6.347
ANIONS: 6.437
TOTAL: 12.784
DIFFERENCE: .090
SIGMA: .007