

FORD ANALYTICAL LABORATORIES

CHEMICAL AND BACTERIOLOGICAL ANALYSIS

DATE: 07/14/93 CERTIFICATE OF ANALYSIS

RECEIVED

SEP 28 1993

RIVERTON CITY CORP.
P.O. BOX 429
RIVERTON, UTAH
84065

93-187260

WATER RIGHTS
SALT LAKE

SAMPLE: WATER SAMPLE COLLECTED 6-29-93, 10:15 A.M. BY SCOTT HILL
RECEIVED 6-29-93 AT 2:30 P.M.
13400 SO. 4258 WEST

N64' W 18 09' SE Cor Sec 31 T35R1W Limit 16" 625'

	Results	Method Detection
		Limit
Alkalinity CaCO3 mg/l EPA310.1 ✓	208	.50
Antimony Sb mg/l EPA 204.2	ND	.0005
Arsenic As mg/l EPA 200.9 ✓	.005	.003
Barium Ba mg/l EPA 200.7 ✓	.202	.008
Beryllium Be mg/l EPA 200.7	ND	.0003
Bicarb. HCO3 mg/l SM4500-C02D ✓	253	.1
Cadmium Cd mg/l EPA 200.7 ✓	ND	.0010
Calcium Ca mg/l EPA 200.7 ✓	105	.100
Carbon Dioxide CO2 mg/l SM4500- ✓	200	
Carbonate CO3 mg/l SM4500-C02D ✓	.3	.10
Carbonate Solids mg/l	125	.30
Chloride Cl mg/l EPA 300 ✓	141	.50
Chromium Cr mg/l EPA 218.1 ✓	.003	.0010
Cond. umhos/cm EPA 120.1 ✓	878	.1
Copper Cu mg/l EPA 220.1 ✓	ND	.03
Cyanide Cn tot.mg/l EPA 335.2	ND	.050

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	Results	Method Detection Limit
Fluoride, F mg/l EPA 300 ✓	.32	.05
Hardness, CaCO ₃ mg/l EPA 242 ✓	390	1.0
Hydrox. as OH mg/l SM4500-C02D ✓	ND	.10
Iron Fe mg/l EPA 236.1 ✓	.08	.04
Lead Pb mg/l EPA 239.2 ✓	ND	.0007
Magnesium Mg mg/l EPA 200.7 ✓	31.2	.100
Manganese Mn mg/l EPA 243.1 ✓	ND	.0050
Mercury, Hg mg/l EPA 245.1 ✓	ND	.0002
Nickel Ni mg/l EPA 249.2 ✓	ND	.001
Nitrate NO ₃ -N mg/l EPA 300 ✓	.62	.01
Nitrite NO ₂ -N mg/l EPA 354 ✓	ND	.01
Phosphorus Tot P mg/l EPA 365. ✓	ND	.10
Potassium K mg/l EPA 200.7 ✓	10.2	.16
Selenium Se mg/l EPA 270.2 ✓	ND	.002
Silver Ag mg/l EPA 272.1 ✓	ND	.0012
Sodium Na mg/l EPA 200.7 ✓	44.8	.427
Sulfate SO ₄ mg/l EPA 300 ✓	34.8	.5
Susp. Solids mg/l EPA 160.2	ND	1.0
Thallium Tl mg/l EPA 279.2	ND	.001
Tot. Dis. Solids mg/l EPA 160.1 ✓	552	10.0
Turbidity NTU EPA 180.1 ✓	ND	.50

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	Results	Method Detection Limit
Zinc Zn mg/l EPA 289.1 ✓	ND	.018
pH Units EPA 150.1 ✓	7.4	


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* ND - INDICATES NONE DETECTED *

** < - INDICATES THE SMALLEST QUANTITY DETECTABLE DUE TO REQUIRED DILUTION **

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