

## WATER ANALYSIS

32-12N-9714

Condition of Sample..... Laboratory No. 45-1192

Analyzed by J. G. Crawford at Casper, Wyo. Date March 8, 1945

10ND  
625Reacting Values

	Parts per million	Reacting value	Value in per cent
Sodium and Potassium (calculated as Sodium)	2065	89.82	49.23
Calcium (Cal)	28	1.40	0.77
Magnesium (Mg)	Tr.		
Iron (Fe)			
Sulphate (SO4)	Tr.		
Nitrate (NO3)			
Chloride (Cl)	2473	69.75	38.23
Carbonate (CO3)			
Bicarbonate (HCO3)	1310	21.47	11.77
Hydroxide (OH)			
Silica (SiO2)			
Hydrogen Sulphide (H2S)			

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Total solids  
in parts per million

By evaporation..... 4811  
 After ignition..... 4773  
 Calculated..... 5210

Properties of reaction in  
per cent

Primary salinity..... 76.16%  
 Secondary salinity..... 0.00%  
 Primary alkalinity..... 22.00%  
 Secondary alkalinity..... 1.54%  
 Chloride salinity..... 100.00%  
 Sulphate aslinity..... -

Remarks and conclusions..... Wasatch water.

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