

UNICHEM

A Division of BJ Services Company

Lab Test No : 6749

Goldstar

Sample Date : 8/7/95

Lab Date In : 8/11/95

Lab Date Out : 8/21/95

Water Analysis

Listed below please find water analysis report from : Texaco FW Able

Sec. 21

Specific Gravity : 1.001
 Total Dissolved Solids : 1342
 pH : 7.56
 Conductivity (uohms):
 Ionic Strength : 0.028

Cations: mg/l

Calcium (Ca ⁺⁺):	72
Magnesium (Mg ⁺⁺):	63
Sodium (Na ⁺):	281
Iron (Fe ⁺⁺):	4.90
Dissolved Iron (Fe ⁺⁺):	
Barium (Ba ⁺⁺):	4.20
Strontium (Sr):	
Manganese (Mn ⁺⁺):	0.00
Resistivity :	

Anions:

Bicarbonate (HCO ₃ ⁻):	305
Carbonate (CO ₃ ⁻⁻):	0
Hydroxide (OH ⁻):	0
Sulfate (SO ₄ ⁻⁻):	201
Chloride (Cl ⁻):	420

Gases: ppm

Carbon Dioxide (CO ₂):	
Oxygen (O ₂):	
Hydrogen Sulfide (H ₂ S):	

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature	CaCO ₃ SI	CaSO ₄ SI
86F 30.0C	0.43	-21.57
104F 40.0C	0.72	-21.57
122F 50.0C	0.86	-21.57
140F 60.0C	1.02	-21.41
168F 70.0C	1.19	-20.44
176F 80.0C	1.37	-19.26

Comments :

If you have any questions or require further information, please contact us.

Sincerely,



Laboratory Technician

cc: John Offutt
 Joe Hay