GL04795

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REPORT OF
WATER ANALYSIS

Lab No. 800394
Job No. 437

Client: Fugro National, Inc

Description and amount of sample: DM-TW-2 (Test Well) Delamar Valley, Nevada
4 liters & 1 liter preserved with HNO_3

Date sample taken: 5/7/80
Sampled by: client

Date received: 5/13/80
Sample analyzed by: MB, DP

Date of analysis: 6/5/80
Report No.:

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Ammonium			Bicarbonate	152.43	2.50
Calcium	21.2	1.06	Borate (as B)		
Magnesium	5.2	0.43	Carbonate	0.62	0.02
Potassium	2.70	1.86	Chloride	5.10	0.14
Sodium	42.9	1.86	Fluoride	0.45	0.02
			Hydroxide		
			Nitrate(as N)	0.92	0.07
			Nitrite (as N)		
			O-phosphate (as P)		
			Sulfate	25.6	0.53
Total Cations		3.40	Total Anions		3.28

Acidity (as $CaCO_3$)
Alkalinity
Hydroxide
Carbonate
Bicarbonate
Arsenic (As) 0.008
Barium (Ba)
Biochemical Oxygen Demand (BOD_5)
Cadmium (Cd)
Carbon Dioxide (CO_2)
Chemical Oxygen Demand (COD)
Chlorine Demand
Chloride Residual
Chromium, hexavalent (Cr^{VI})
Chromium, total (Cr) <0.015
Color (units)
Copper (Cu)
Cyanide (CN)
Dissolved oxygen (DO)
Specific conductance (EC)
Hardness, total 73.7
Iron (Fe) 0.373

Lead (Pb)
Manganese (Mn)
Mercury (Hg) 0.000022
Moisture in sludge
Organic nitrogen
Oil and Grease
pH (units) 7.95
Phenols
Phosphorus, total (P)
Residue
Total solids (TS)
Total suspended solids (TSS)
Total dissolved solids (TDS) 213
Total fixed solids (TFS)
Total volatile solids (TVS)
Fixed dissolved solids (FDS)
Fixed suspended solids (FSS)
Volatile dissolved solids (VDS)
Volatile suspended solids (VSS)
Settleable solids ( )
Selenium (Se)
Silica (SiO_2) 31.0
Silver (Ag)

Strontium (Sr)
Sulfide (S)
Sulfite (SO_3)
Surfactants
Sulfur dioxide (SO_2)
Threshold odor No.
Turbidity (J.U.)
Zinc (Zn)

Remarks:

*All values in mg/l [illegible]

[illegible] Grace K. Iwasta