

Well # 5, Martin School Well

465'

DATE

7-29-77

Sodium (as Na) mg/l	200	46.0
Potassium (as K) mg/l	1000 → 2000	2.34
Calcium (as Ca) mg/l	75 → 200	25.4
Magnesium (as Mg) mg/l	125	0.4
Iron - Total (as Fe) mg/l	0.3	10.25
Manganese (as Mn) mg/l	0.05	10.05
Chloride (as Cl) mg/l	250	5.4
Fluoride (as F) mg/l	1.4 1.6 1.8	0.70
Nitrate (as NO ₃) mg/l	(N-10) 45.0	N 0.58
Bicarbonate (as HCO ₃) mg/l	700	186.1
Carbonate (as CO ₃) mg/l	350	0.0
Sulfate (as SO ₄) mg/l	250	17.7
Phosphate (as PO ₄) mg/l		
Total Hardness (as CaCO ₃) mg/l	250	65
Alkalinity (as CaCO ₃) mg/l	30 → 500.0	184
Total Diss. Residue mg/l	500	247
Carbon chloroform extract	0.2	
Field Water temperature		
Surfactants (as LAS)	0.5	10.05
pH	6.0 → 8.5	7.93
Odor	3 units	NONE
Chlorine demand mg/l		
Color	157 units	0.0
Turbidity	1-5 T.U.	0.1
Conductance Micromhos 25°C	1000	352
Arsenic (as As) mg/l	0.05	0.005
Barium (as Ba) mg/l	1.0	0.2
Boron	1.0	
Cadmium (as Cd) mg/l	0.01	< 0.001
Chromium (as Cr) mg/l	0.05	< 0.005
Copper	3.0	
Cyanide	0.01	
Lead (as Pb) mg/l	0.05	< 0.005
Mercury	0.002	0.010
Molybdenum	0.01	
Nickel	0.05	
Silver (as Ag) mg/l	0.05	0.02
Selenium (as Se) mg/l	0.01	< 0.0025
Zinc (as Zn) mg/l	5.0	
Radium 226		
Strontium 90		
Gross beta		