



ENVIRONMENTAL ENGINEERING LABORATORY

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Sample Source: Well # 8

Diflorio Corp

Date October 13, 1972

Box A

Date Collected

Borrego Springs, California 92004

Date Received October 10, 1972

Conductivity 550 micromhos/cm @ 25°C
pH 8.3

Attn: Bud Kuhets

Principal Constituents

| Cations: | | mg/l | me/l | | | mg/l | | mg/l |
|-------------------------|-------------------|------|------|---------------------------|----|------|---------|------|
| Calcium | Ca | 6.0 | | Aluminum | Al | | Barium | Ba |
| Magnesium | Mg | 0 | | Zinc | Zn | | Cadmium | Cd |
| Sodium | Na | 115 | | Hexavalent Chromium | Cr | | Silver | Ag |
| Potassium | K | 2.8 | | Total Chromium | Cr | | Mercury | Hg |
| Ammonia | NH ₄ | | | Arsenic | As | | Gold | Au |
| | | | | Lead | Pb | | | |
| | | | | Copper | Cu | | | |
| | | | | Selenium | Se | | | |
| | | | | Nickel | Ni | | | |
| Anions: | | | | | | | | |
| Hydroxide | OH | 0 | | | | | | |
| Carbonate | CO ₃ | 0 | | | | | | |
| Bicarbonate | HCO ₃ | 183 | | Cyanide | CN | | | |
| Sulfate | SO ₄ | 49 | | Phenols | | | | |
| Chloride | Cl | 52 | | A B S | | | | |
| Nitrate | NO ₃ | 4.0 | | Grease & Oil | | | | |
| Fluoride | F | 1.1 | | Sulfides | | | | |
| | | | | | | | | |
| Boron | B | | | Suspended Solids | | | | |
| Silica | SiO ₂ | 19 | | Volatile Suspended Solids | | | | |
| Iron | Fe | 0.09 | | Dissolved Solids | | | | |
| Manganese | Mn | 0 | | Volatile Dissolved Solids | | | | |
| Total Phosphate | PO ₄ | | | Settleable Solids | | | | |
| Ortho Phosphate | PO ₄ | 0.17 | | BOD, 5 day 20°C | | | | |
| Nitrite | N | | | Oxygen Consumed | | | | |
| Nitrate | N | 0.89 | | Coliform, MPN/100 ml | | | | |
| Ammonia | N | | | Plate Count/ml | | | | |
| Total Organic Nitrogen | N | | | Plankton Count/ml | | | | |
| Total Kjeldahl Nitrogen | N | | | | | | | |
| Total Alkalinity | CaCO ₃ | 150 | | | | | | |
| Total Hardness | CaCO ₃ | 15 | | | | | | |
| Dissolved Solids | | 364 | | | | | | |
| Turbidity, Units | | | | | | | | |

Remarks Coliform, 14n Burrell

Robert A. Chambers