Permit to Operate a Waterworks Packages

Chemical - General Total alkalinity, P. alkalinity, Bicarbonate, Carbonate, Hydroxide, Calcium, Chloride, Fluoride, Magnesium, Nitrate, pH, Potassium, Sodium, Specific conductivity, Sulfate, Sum of ions, Total hardness, Total Dissolved Solids
Chemical - Health Aluminum, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Selenium, Silver, Uranium, Zinc
Pesticides Atrazine, Bromoxynil (Buctril), Carbofuran, Chlorpyrifos (Lorsban), Dicamba (Banvel), 2,4-D, Diclofop-methyl (Hoegrass), Dimethoate (Cygon), Malathion, MCPA, Pentachlorophenol (PCP), Picloram (Tordon), Trifluralin (Treflan)
Trihalomethanes (THMs) THM1: Chloroform, THM2: Bromodichloromethane, THM3: Chlorodibromomethane, THM4: Bromoform, Total trihalomethanes (calc.)
Haloacetic Acids Bromochloroacetic acid, Dibromoacetic acid, Dichloroacetic acid, Monobromoacetic acid, Monochloroacetic acid, Total haloacetic acids, 5 (calc.); Total haloacetic acids, 6 (calc.); Trichloroacetic acid
Synthetic Organics** Benzene, Benzo(a)pyrene, Carbon tetrachloride, 1,2-Dichlorobenzene; 1,4-Dichlorobenzene; 1,2-Dichloroethane; 1,1-Dichloroethylene; Dichloromethane, 2,4-Dichlorophenol; Ethylbenzene, Chlorobenzene, Tetrachloroethylene, 2,3,4,6-Tetrachlorophenol, Toluene, Trichloroethylene, 2,4,6-Trichlorophenol, Vinyl chloride, m+p-Xylene, o-Xylene, Total Xylene **** If your permit includes Perfluorooctane sulfonate (PFOS) and Perfluorooctanoic acid (PFOA), please ensure to check it off on Chain of Custody.**
Radiological – Extended Lead-210, Radium-226, Tritium, Strontium-90, Iodine-131, Cesium-137, Potassium-40

Permit to Operate a Sewage Works Packages

Group 1 Panel Specific conductivity, Chloride, Nitrate as nitrogen, Total coliform, E. coli, Field pH (by Client), Field Temperature (by Client)
Group 2 Panel Carbonaceous, Biochemical oxygen demand (C-BOD); Chloride, Total suspended solids, Total coliform, E. coli, Field pH (by Client), Field Temperature (by Client)
Group 4 Panel (Treated Effluent) Carbonaceous, Biochemical oxygen demand (C-BOD); Chloride, pH at 15°C, Total suspended solids, Phosphorus, Total nitrogen, Ammonia as nitrogen, Nitrite+Nitrate as nitrogen, Total Kjeldahl nitrogen, Calculated Un-ionized ammonia (*using pH @15°C*), Total coliform, E. coli, Field pH (by Client), Field Temperature (by Client)
Group 4 Panel plus TDS and Conductivity (Receiving Environment) Carbonaceous, Biochemical oxygen demand (C-BOD); Chloride, Specific Conductivity, pH at 15°C, Total suspended solids, Phosphorus, Total nitrogen, Ammonia as nitrogen, Nitrite+Nitrate as nitrogen, Total Dissolved Solids, Total Kjeldahl nitrogen, Calculated Un-ionized ammonia (*using field temp and pH*), Total coliform, E. coli, Field pH (by Client), Field Temperature (by Client)
Major Ions Scan (Treated Effluent) Total alkalinity, P. alkalinity, Bicarbonate, Carbonate, Hydroxide, Calcium, Magnesium, Nitrate as nitrogen, Potassium, Sodium, Sulfate, Sum of ions, Total hardness
Major Ions Scan plus TDS and Conductivity (Receiving Environment) Total alkalinity, P. alkalinity, Bicarbonate, Carbonate, Hydroxide, Calcium, Magnesium, Nitrate as nitrogen, pH, Potassium, Sodium, Specific conductivity, Sulfate, Sum of ions, Total hardness, Total Dissolved Solids
Trace Metals Package (plus Mercury) Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury*, Molybdenum, Nickel, Selenium, Silver, Strontium, Thallium, Tin, Titanium, Uranium, Vanadium, Zinc *Mercury is not included in metals pkg, will be added separately)
Effluent Irrigation Panel Carbonaceous, Biochemical oxygen demand (C-BOD); Chloride, Specific conductivity, pH at 15°C, Total suspended solids, Phosphorus, Total nitrogen, Ammonia as nitrogen, Nitrite+Nitrate as nitrogen, Total Dissolved Solids, Total Kjeldahl nitrogen, Total coliform, E. coli, Calcium, Sodium, Magnesium, Sodium Adsorption Ratio (SAR), Boron, Copper, Iron, Manganese
Effluent Irrigation – Soil pH, Specific conductivity, Sodium Adsorption Ratio (SAR), Calcium, Magnesium, Sodium, Potassium, Sulfate, Chloride, Ammonia as nitrogen, Nitrite, Nitrate, Phosphorus, Aluminum, Arsenic, Antimony, Barium, Beryllium, Boron, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Selenium, Silver, Strontium, Thallium, Uranium, Vanadium, Zinc