

Water Quality Testing - for Drinking Purposes

Testing Parameter	Standard
pH	ASTM D 1293, USEPA 150.1
Electrical Conductivity	APHA 2510-B
Turbidity	APHA-2130-B, USEPA 180.1
Sulphate	ASTM D 516-07
Chloride	ASTM D 512-04
Acidity of water	ASTM D 1076, APHA 2310, USEPA310.1
Total Alkalinity of water	ASTM D 1076, APHA 2310, USEPA 310.1
Hardness of water	USEPA 130.1,USEPA 130.2, APHA-2340-C
Oil & Grease	USEPA 413.1
Total Dissolved Solid (TDS)	By TDS Meter
Total Dissolved Solid (TDS)	APHA-2540-C
Total Suspended Solids (TSS)	APHA-2540-D
Total Solids (TS)	APHA 2540-B
Dissolved Oxygen (DO)	APHA 4500-O-C, USEPA 360.1&310.2
Chemical Oxygen Demand (COD)	APHA-5220-B, USEPA 410.1 & 410.2
Biochemical Oxygen Demand (BOD),(5 Days)	APHA-5210-B, USEPA 405.1
Nitrate	APHA 4500 NO3-B
Phosphate (Total)	Phosphate (Total)

Microbial Analysis & Testing

Testing Parameter	Standard
Fecal Coliforms (E-coli)	SLS 614:Part 2 - 83
Total Coliforms	SLS 614:Part 2 - 83

Water Quality Testing-for Construction Purposes

Testing Parameter	Standard
pH	ASTM D 1293, USEPA 150.1
Electrical Conductivity	APHA 2510-B
Sulphate	ASTM D 516-07
Chloride	ASTM D 512-04
Carbonate Content	USGS Method
Bicarbonate Content	USGS Method
Total Dissolved Solid (TDS)	APHA-2540-C