

FIELD PARAMETERS:

	<u>Matrix</u>	<u>Method</u>	<u>Container</u>	<u>Preservation/Notes</u>
Conductivity	Aqueous	Meter	NA	NA
pH	Aqueous	Meter	NA	NA
Temperature	Aqueous	Meter	NA	NA
Dissolved Oxygen	Aqueous	Meter	NA	NA

MICROBIAL STUDY (FOR AEROBIC DEGRADATION)**FOR WATER SAMPLES:**

	<u>Matrix</u>	<u>Method</u>	<u>Container</u>	<u>Preservation/Notes</u>
Aerobic Total Heterotrophs (cfu/ml)	Aqueous	SM 9215B (mod.)	250 ml HDPE	Cool
Total Hydrocarbon degraders	Aqueous	SM 9215B (mod.)	250 ml HDPE	Cool
Alkalinity (as CaCCO ₃)	Aqueous	EPA 310.2	250 ml HDPE	Cool
Dissolved Oxygen	Aqueous	SM4500-OG	250 ml HDPE	Cool
pH	Aqueous	SM 4500-H+B	250 ml HDPE	Cool
Macronutrients:	Aqueous	SM 4500	250 ml HDPE	Cool
Ammonia Nitrogen	Aqueous	SM 4500-HNH3C	250 ml HDPE	Cool
Ortho Phosphate	Aqueous	SM 4500-PE	250 ml HDPE	Cool
Ferrous Iron	Aqueous	SM 3500D	250 ml HDPE	Cool; 24-hr. TAT required
Total Dissolved Solids (TDS)	Aqueous	EPA 160.1	1 L HDPE	Cool'
Total Organic Carbon (TOC)	Aqueous	EPA 415.1	250 ml Glass	H ₂ SO ₄
Chemical Oxygen Demand (COD)	Aqueous	EPA 410.4	250 ml Glass	H ₂ SO ₄
Biological Oxygen Demand (BOD)	Aqueous	EPA 405.1	1 L HDPE	Cool
Salinity	Aqueous	SM 2520B	250 ml HDPE	Cool; optional, not included in base price
Contaminants: TPH-g, TPH-d, TRPH, BTEX, MTBE (as appropriate)	Aqueous	various	TPH-g, BTEX, MTBE: 40 ml to 100 ml glass, no head space; TPH-g: Amber L glass bottles	Cool; optional, not included in base price

<u>FOR SOIL SAMPLES:</u>	<u>Matrix</u>	<u>Method</u>	<u>Container</u>	<u>Preservation/Notes</u>
Aerobic Total Heterotrophs (cfu/g)	Soil	SM 9215B (mod.)	1 X 8 ox. Jar	Cool
Total Hydrocarbon degraders (cfu/g)	Soil	SM 9215B (mod.)	1 X 8 ox. Jar	Cool
Solid Oxygen Demand (SOD) (permanganate method, with up to 5 measurements)	Soil	Special Method	1 X 8 ox. Jar	Cool; 5-day analysis
Oxygen Demand (OD) (HACH Method)	Soil	HACH Method	1 X 8 ox. Jar	Cool
Ferrous Iron	Soil	SM 3500D	1 X 8 ox. Jar	Cool; 24-hr. TAT required
Total Organic Carbon (TOC)	Soil	EPA 9060	1 X 8 ox. Jar	Cool
Chemical Oxygen Demand (COD)	Soil	EPA 410.4 M	1 X 8 ox. Jar	Cool
Biological Oxygen Demand (BOD)	Soil	EPA 405.1 M	1 X 8 ox. Jar	Cool
Contaminants: TPH-g, TPH-d, TRPH, BTEX, MTBE (as appropriate)	Soil	various	1 X 8 ox. Jar	Cool; optional, not included in base price

Notes: cfu = colony forming units
Methods used may be equivalent

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