

SCDHEC Office of Environmental Laboratory Certification - Parameters List by Category

BIOLOGICAL EXAMINATIONS

BIOMASS (PERIPHYTON, DRY WEIGHT)
BIOMASS (PLANKTON, DRY WEIGHT)
CHLOROPHYLL A

DISINFECTION BY-PRODUCTS

BROMATE
BROMIDE
CHLORITE
UV254

HAZARDOUS WASTE CHARACTERISTICS

CORROSIVITY - TOWARDS STEEL
DERMAL CORROSION
EP TOXICITY TEST
IGNITABILITY
IGNITABILITY OF SOLIDS
MULTIPLE EXTRACTION PROCEDURE
PAINT FILTER LIQUIDS TEST
SPLP (SYNTHETIC PRECIPITATION LEACHING PROC.)
TCLP (TOXICITY CHARACTERISTIC LEACHING PROC.)

INORGANIC - MISCELLANEOUS

ADSORBABLE ORGANIC HALIDES (AOX)
ASBESTOS
BOMB PREPARATION METHOD
BROMIDE
CATION EXCHANGE CAPACITY OF SOILS
CHLORINE DIOXIDE
COLOR
COMP. TEST (WASTES & MEM. LINERS)
CYANIDE
CYANIDE AMEN. TO CHLORINATION
CYANIDE AVAILABLE
CYANIDE EXTRACTION PROCEDURE
EXTRACT PROC. FOR OILY WASTES
EXTRACT. ORGANIC HALIDES IN SOLIDS (EOX)
INTRINSIC PERMEABILITY
ODOR
OIL & GREASE
PHENOLICS, TOTAL RECOVERABLE
PURGEABLE ORGANIC HALIDES (POX)
RESIDUAL CHLORINE
SATURATED HYDRAULIC CONDUCT.
SATURATED LEACHATE CONDUCT.
SULFIDE
SULFITE

DEMANDS (INORGANIC)

BIOCHEMICAL OXYGEN DEMAND (BOD)
CARBONACEOUS BOD
CHEMICAL OXYGEN DEMAND (COD)
DISSOLVED OXYGEN
TOTAL AND DISSOLVED ORGANIC CARBON
TOTAL ORGANIC CARBON (TOC)

MINERALS (INORGANIC)

ACIDITY
ALKALINITY
CALCIUM - HARDNESS (CaCO₃)
CHLORIDE
FLUORIDE
HARDNESS, TOTAL (AS CaCO₃)
HYDROGEN-ION CONC. (PH)
HYDROGEN-ION CONC. (PH) (SOIL & WASTE)
SPECIFIC CONDUCTANCE
SULFATE

NUTRIENTS (INORGANIC)

AMMONIA-NITROGEN
KJELDAHL-NITROGEN
NITRATE-NITRITE (NO₂&NO₃)
NITRATE-NITROGEN
NITRITE-NITROGEN
ORTHOPHOSPHATE
PHOSPHORUS
TOTAL ORGANIC NITROGEN

RADIOLOGICALS (INORGANIC)

AMERICIUM ALPHA ISOTOPIC
CARBON-14
CESIUM
CESIUM-134
CESIUM-137
COBALT-60
CURIUM ALPHA ISOTOPIC
GAMMA EMITTERS
GAMMA ISOTOPIC
GROSS ALPHA
GROSS BETA
IODINE 131
NEPTUNIUM ALPHA ISOTOPIC
PLUTONIUM ALPHA ISOTOPIC
RADIUM 226
RADIUM 228

SURFACTANTS (MBAS)
TEMPERATURE
TOTAL CHLORINE - XRF
TOTAL ORGANIC HALIDES (TOX)
TURBIDITY

TRACE METALS

ALUMINUM
ANTIMONY
ARSENIC
BARIUM
BERYLLIUM
BORON
CADMIUM
CALCIUM
CHROMIUM
CHROMIUM, HEXAVALENT
COBALT
COPPER
GOLD
IRIDIUM
IRON
LEAD
LITHIUM
MAGNESIUM
MANGANESE
MERCURY
MOLYBDENUM
NICKEL
OSMIUM
PALLADIUM
PHOSPHORUS
PLATINUM
POTASSIUM
RHODIUM
RUTHENIUM
SAMPLING FOR LOW-LEVEL METALS
SELENIUM
SILICA, DISSOLVED
SILICA, TOTAL
SILVER
SODIUM
STRONTIUM
THALLIUM
TIN
TITANIUM
VANADIUM
ZINC

STRONTIUM 89
STRONTIUM 90
THORIUM ALPHA ISOTOPIC
TRITIUM
URANIUM
ZINC 65

RESIDUES (INORGANIC)

RESIDUE, FILTERABLE (TDS)
RESIDUE, NONFILTERABLE (TSS)
RESIDUE, SETTLEABLE (SS)
RESIDUE, TOTAL (TS)
RESIDUE, VOLATILE (VS)
TOTAL, FIXED & VOLATILE SOLIDS

MICROBIOLOGY (BACTERIA, PARASITES)

BIOSOLIDS PREPARATION
CRYPTOSPORIDIUM
E. COLI CONFIRMATION
E.COLI (MPN)
ENTEROCOCCI (MF), (MPN), (P-A)
FECAL COLIFORM (MF), (MPN)
FECAL COLIFORM CONFIRMATION-EC TEST
FECAL STREPTOCOCCI (MF), (MPN)
GIARDIA
HETEROTROPHIC BACTERIA
MICROSCOPIC PARTICULATE ANALYSIS
TOTAL COLIFORM (MF), (MPN), (P-A)
TOTAL COLIFORM/E.COLI (P-A), (MPN)

TAXONOMY

FRESHWATER FISH
FRESHWATER MACROINVERTEBRATES
ICHTHYOPLANKTON
MACROPHYTES
MARINE/ESTUARINE FISH
MARINE/ESTUARINE MACROINVERT.
PERIPHYTON
PHYTOPLANKTON
ZOOPLANKTON

TOXICITY TESTING

CERIODAPHNIA DUBIA
CYPRINODON VARIEGATUS
DAPHNIA AMBIGUA
MENIDIA BERYLLINA
MYSIDOPSIS BAHIA
PIMEPHALES PROMELAS