

Sample Parameters and Methods

Parameter	Sample Analysis Method
Benzene/BTEX (Liquid)	8021B
Organic Chloride*	Test Kit
Flash Point	EPA 1020
Corrosivity (pH) (Solid)	EPA 9045
Corrosivity (pH) (Liquid)	EPA 150.1
Appearance	Visual Observation
Conductivity (Solid)	SM2510B (solid with ASA extraction)
Salinity Solid or Liquid	SM2520B
Conductivity and Salinity	SM2510B & SM2520B
Total Suspended Solids	SM2540D
Percent Solids	SM2540B
Fecal Coliform	SM9222D
Total Coliform	SM9223B
Settleable Solids (Imhoff Cone)	SM2540F
Turbidity	SM2130B
Color, Apparent	SM2120B
Biochemical Oxygen Demand (BOD)	SM5210B
Gasoline Range Organics (GRO)	AK 101
Diesel Range Organics (DRO)	AK 102
Residual Range Organics (RRO)	AK 103
DRO + RRO	AK 102/103
BTEX + GRO	EPA 8010B/AK 101
Methanol	ASTM D-3695
Glycol	ASTM D-3695
Total Petroleum Hydrocarbons	EPA1664
Oil and Grease	EPA1664

** Organic Chlorides can be analyzed in Prudhoe Bay for hydrocarbon recycle or for Pad 3 disposal. Occasionally a sample may have an interference with the test kits, in which case an 8260 VOC sample will be analyzed. An 8260 may be requested to be analyzed in lieu of the test kit method, in which case the charge will be that of the 8260 listed on page 3 of this rate schedule.*

Metals, PAD 3 Fingerprint & Characterization, Hazardous Waste Analysis

Parameter	Sample Analysis Method
TCLP Metals	EPA 1311/6010B
Total Metals	EPA 6010B
Mercury, Total or TCLP	EPA 7470
Lead in Paint	ASTM D3335
Chromium Speciation	
Pad 3 Fingerprint	BP WAP
Pad 3 minus Organic Chloride	BP WAP
Pad 3 Appearance, pH, Flash only	BP WAP
Pad 3 Initial Characterization (RCRA)*	BP WAP
Oil Burn Specs (WOERS)	
Oil Burn Specs (WOERS) no PCB's**	
Polychlorinated Biphenyls (PCB's) - Oil	EPA 9079
Polychlorinated Biphenyls (PCB's) - Oil	EPA 8082
Polychlorinated Biphenyls (PCB's) - Soil	EPA 8082
Polychlorinated Biphenyls (PCB's) - Water	EPA 8082
Polychlorinated Biphenyls (PCB's) - Wipes	EPA 8082
TCLP VOC (including extraction)	EPA 1311/8260
TCLP SVOC (including extraction)	EPA 1311/8270
TCLP VOC (inc extraction) in oil	EPA 1311/8260
TCLP SVOC (inc extraction) in oil	EPA 1311/8270
TCLP Benzene	EPA 1311/8021B
TCLP Chlorinated Pesticides	EPA 8081
TCLP Chlorinated Herbicides	EPA 8151
TAH	
TAQH	
Total Halogens	ASTM D808
Total VOC	EPA 8260
Total SVOC	EPA 8270
Total VOC in Oil	EPA 8260
Total SVOC in Oil	EPA 8270
PAH	EPA 8100 or 8270

Organic Chlorides by 8260	EPA 8260
Benzene by 8260	EPA 8260
Benzene & Organic Chlorides	EPA 8260

* TCLP Characterization includes TCLP VOC, TCLP SVOC, TCLP Metals (8), pH, Flash Point and a visual observation. This analysis is also known as a foot print for Pad 3 initial characterization.

** WOERS analysis is for Waste Oil for Burning Specifications. Analysis Include As, Cd, Cr, Pb in oil, Total Halogens and Flash Point.

Other Services for Hazardous Waste

Parameter
Haz-Cat waste screening for unknown materials
On Site Screening & Sampling
Haz waste sampling, analyzing, packaging and disposal
Authorized distributor of safety and hazardous waste handling supplies including DOT approved disposal drums

Raw and Drinking Water Analysis (Disinfection By-Products), Waste Water Analysis, Microbiology, Asbestos

Parameter	Method
Lead and Copper	EPA 200.8
Calcium and Magnesium	EPA 6010B
Nitrate	SM4500E or EPA 300.0
Nitrite	SM4500B or EPA 300.0
Arsenic	EPA 200.8
Total Trihalomethanes (TTHM)	EPA 524.2
Haloacetic Acids (HAA5)	EPA 552.2
Total Organic Carbon (TOC)	SM5310B
Dissolved Organic Carbon (DOC)	SM5310B
UVA254 Absorbance (UV254)	SM5910
Volatile Organic Chemicals	EPA 524.2
Alkalinity as CaCO ₃	SM2320B
Ammonia-N	SM4500-NH ₃ C
Total Kjeldahl Nitrogen (TKN)	SM4500Norg B

Total Phosphate	SM4500-P E
Total Coliform, Membrane Filtration	SM9222B
Total Coliform, HPC pool/spa	SM9215B
HPC	SM9215B
Mixed Liquor Analysis (WWTP)	microscope exam
Gross Alpha	EPA 900.0
Gross Alpha Quarterly Composite	EPA 900.0
COD	SM5220C
Total Hardness	SM2340B
Total Dissolved Solids	SM2540C
Total Volatile Solids	SM2540E
Total CN	SM4500
Langlier Index	CALC.
Bulk Asbestos	40 CFR 763
Air Asbestos	NIOSH 7400A
Lignins	
Tannins	

Note: If an analysis or service is needed that is not included on this page, please contact Arctic Fox to inquire about availability of other services. We will attempt to accommodate you for all your analytical and environmental needs.