



HERITAGE

ENVIRONMENTAL SERVICES

ELEMENTAL ANALYSIS	CHROMATOGRAPHY	STRUCTURAL IDENTIFICATION	SPECIALTY INSTRUMENTS
Flow injection mercury system FIMS (Perkin Elmer)	LC/MS TQS triple quadrupole (Thermo Scientific) EQUAN	Fourier Transform Infrared Spectroscopy (FTIR) (Perkin Elmer)	Atomic Force Microscope (AFM) (Agilent)
Low Level Mercury Hydra AF Gold (Leeman)	LC/MS Orbitrap (Thermo Scientific)	LC/MS Orbitrap ESI, APC, APP, APPI sources (Thermo Scientific)	Luminescence Spectrometry (Perkin Elmer)
Inductively coupled plasma (ICP) (Varian Vista)	High performance liquid chromatography (HPLC) with Fluorescence, Photo Diode Array detectors with post-column derivatization option (Agilent)	Time of flight GC/MS (Leco Pegasus)	TOC analyzer (Tekmar Phoenix 8000)
ICP/mass spectrometry (ICP/MS) (Varian 820)	Dual channel ion chromatography (IC) (Dionex)	Gas chromatography-mass spectrometry (GC/MS) (Agilent)	On-line and off-line SPE EQUAN (Thermo Scientific) SPE (Horizon)
Wavelength dispersive X-ray fluorescence (XRF) (Thermo Scientific)	Time of flight GC/MS (Leco Pegasus)	High temperature gel permeation chromatography (GPC) with refractive index, viscosity and dual angle light scattering detection (Polymer Labs/Varian)	Simple Performance Tester (SPT) (IPC Global)
X-ray diffraction (XRD) (Rigaku)	Gas chromatography-mass spectrometry (GC/MS) (Agilent)	Ultraviolet-visible spectrometry (Perkin Elmer)	Gyratory Compactor (Pine Instruments)
Carbon-Sulfur analyzer (LECO)	Dual column GCs with electron capture (ECD), flame ionization (FID), and nitrogen/phosphorus detectors (NPD) (Agilent)	Dual channel ion chromatography (IC) (Dionex)	Dynamic Shear Rheometer (DSR) (TA Instruments)
Flow injection analysis (FIA) (Lachat Quickchem)	High temperature gel permeation chromatography (GPC) with refractive index, viscosity and dual angle light scattering detection (Polymer Labs/Varian)	Atomic Force Microscope (AFM) (Agilent)	Rotational Viscometer (Brookfield)
Discrete analyzer (Westco Smartchem)	GC with thermal conductivity detector (TCD) (Agilent)	Polarized Light Microscope (Olympus Model XC-31P)	Superpave Shear Tester (Cox and Sons)