



Organics Lab Equipment List (as of 1/05)

2	Hewlett Packard 6890 Gas Chromatograph with 5973 inert MSD and Hewlett Packard Chemstation/Enviroquant software.
2	Hewlett Packard 5890 Series II Gas Chromatographs with 5971A MSD, Hewlett Packard Chemstation/Enviroquant software.
2	Hewlett Packard 5890 Series II Gas Chromatographs with 5971A MSD, Technivent Vector II Data system with Enviroquant software.
2	Hewlett Packard 5890 Series II Gas Chromatographs configured with 2 Electron Capture Detectors (ECD). Each of these Gas Chromatographs uses Hewlett Packard Chemstation software. Each Chromatograph has a tower and injector.
1	Hewlett Packard 5890 Series II Gas Chromatograph with 5972 MSD and Hewlett Packard Chemstation software.
1	Hewlett Packard 5890 Series II Gas Chromatograph with ECD detector
10	7673 Hewlett Packard auto samplers with tray and robotic arm.
2	Hewlett Packard 5890 Series II Gas Chromatographs configured with Photo ionization Detectors.
2	Hewlett Packard 5890 Series II Gas Chromatographs configured with Flame Ionization Detectors.
1	Tekmar ALS 2016 autosampler
1	Tekmar Precept autosampler
4	Archon autosamplers
3	Tekmar LSC 2000 Purge and Trap units
1	Tekmar LSC 3000 Purge & Trap unit.
2	Tekmar LSC 3100 Purge & Trap units.
1	Hewlett Packard 1100 Series HPLC with a Fluorescence Detector and Diode Array Detector. This system utilizes HP Chemstation software.
1	Hewlett Packard 1090 Series HPLC with a Fluorescence Detector and Diode Array Detector. This system utilizes HP Chemstation software.
1	Hewlett Packard Prep station with bar code reader and mixer.
3	Medisonic dual horn sonicators
4	Zymark Turbovaps
1	Dionex Accelerated Solvent Extractor
3	Analytical balances capable of weighing to at least 0.1 mg



Inorganics/Wet Chemistry Lab Equipment List (as of 1/05)

1	Thermo Jarrell Ash Inductively Coupled Plasma Emission Spectrophotometer with autosampler.
1	Leeman Hydra Mercury Analyzer.
1	Agilent 7500a Inductively Coupled Plasma Mass Spectrometer with autosampler.
1	Dionex DX-100 Ion Chromatograph.
1	CEM MDS 2000 microwave digester.
1	CEM MDS 81D microwave digester.
2	Precision Distillation units for cyanide analysis, each capable of 10 simultaneous analysis.
5	TCLP rotary extractors. Capability of extracting 36 simultaneous samples.
11	Zero Head Space extractors.
50	Soxhlet Distillation units.
10	Phenol Distillation units.
2	Analytical balances capable of weighing to at least 0.1 mg
1	Dohrmann DC 190 TOC unit
1	Dohrmann DX 2000 TOX unit
1	Hach COD Digester
1	Hach Turbitometer
1	Orion Karl Fisher Titrator
	A variety of Autopipetors of varying sensitivity for various method specific applications