



basic
laboratory

environmental testing services

www.basiclab.com

ACIL

Member of the American Council of Independent Laboratories



environmental testing

Basic Laboratory has been serving the testing needs of Northern California for nearly two decades. We are a full-service environmental testing laboratory with locations in Redding and Chico.

sampling routes

Routine sample pickup is available through our extensive network of sampling routes. Call for details regarding routes near your location. A few of the communities that we serve on regular routes include Alturas, Mt. Shasta, Hornbrook, Maxwell, Sacramento, Grass Valley, and Burney.

types of samples

- Drinking Water
- Wastewater
- Surface Water
- Ground Water
- Soil
- Sediment
- Sludge / Biosolids
- NPDES
- UCMR
- RCRA
- SDWA
- CWA
- SWAMP

our clients

- Engineering Firms
- City Municipalities
- Small Water Systems
- Waste Water Treatment Plants
- Private Well Owners
- Government Agencies

special services

- On-Site Sampling
- Sampling Plan Consulting
- Custom Report Formats
- Electronic Data Deliverables
- Online Data Access



list of analyses

microbiology

Total Coliform	Enterococci	Giardia (sub)
Fecal Coliform	Fecal Streptococci	Cryptosporidium (sub)
E. coli	Heterotrophic Plate Count	Mold Identification (sub)

general chemistry

Acidity	MBAS	Settleable Solids
Alkalkinity	Ammonia	TS
Asbestos (sub)	Nitrate	TSS
BOD	Nitrite	TDS
CBOD	Nitrogen, Total	TVS
Bromide	Nitrogen, Organic	TVSS
COD	TKN	TDVS
Chloride	Odor	Conductivity
Chlorine	Oil & Grease	Sulfate
Chlorine Dioxide	Total Organic Carbon	Sulfite
Color	Percent Solids	Sulfide
Corrosivity	Percent Moisture	Tannin & Lignin
Cyanide	Perchlorate	Temperature
DO	pH	Turbidity
Fluoride	Phenols	Chlorophyll
Formaldehyde	Orthophosphate	Pheophytin
Hardness	Phosphorus, Total	Ferrous Iron

metals

methods: 200.7 / 200.8 / 245.1 / 6010B / 6020 / 1638 / 1631E / 7470 / 7471

elements:

Aluminum	Copper	Silicon
Antimony	Iron	Silica
Arsenic	Lead	Silver
Barium	Lithium	Strontium
Beryllium	Manganese	Thallium
Boron	Magnesium	Tin
Cadmium	Molybdenum	Titanium
Calcium	Mercury	Uranium
Chromium	Nickel	Vanadium
Chromium, Hexavalent	Potassium	Zinc
Cobalt	Selenium	

organics

EPA 524.2 – Volatiles/THMs	EPA 625 – Semi-Volatiles	EPA 8015 – Diesel/Motor Oil
EPA 504.1 – EDB/DBCP/TCP	EPA 608 – Pesticides/PCBs	EPA 8270 – Semi-Volatiles
EPA 525.2 – Semi-Volatiles	EPA 8260 – Volatiles	EPA 8081 – Pesticides
EPA 552.3 – HAA5	LUFT – TPH Gas/BTEX/MTBE	EPA 8082 – PCBs
EPA 624 – Volatiles	(All other methods available through subcontract laboratories.)	

radiological (subcontracted)

Gross Alpha	Radium 228	Tritium
Gross Beta	Strontium 90	Uranium
Radium 226		

bioassay

Acute Toxicity 96-hour Bioassay – Static with Rainbow Trout
Acute Toxicity 96-hour Bioassay – Static Renewal with Rainbow Trout
(All other bioassay methods available though subcontract laboratories.)



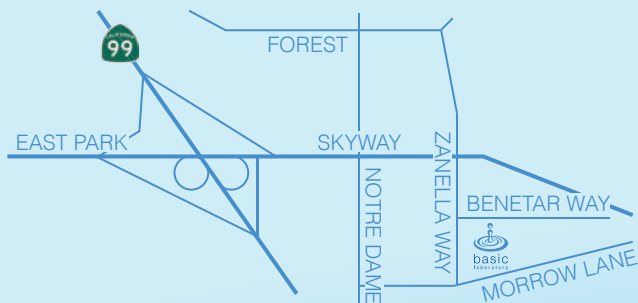
redding

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