



Statement of Qualifications Analytical Laboratory Testing Services

Environmental | Geotechnical | Construction Services | Analytical Testing
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Organic & Inorganic Analyses

Drinking Water Wastewater
Groundwater Soil Hazardous Waste

Introduction

About Us

BSK Associates' Analytical Laboratory Services (BSK Labs) was established in 1967 as a support service for our geotechnical and engineering division. Over the last half century BSK Labs has grown to become one of the top analytical testing firms in the country. With four laboratory locations and multiple service centers on the West Coast, BSK Labs is now a full-service, environmental laboratory network. We offer a broad spectrum of organic and inorganic analyses for groundwater, wastewater, stormwater, drinking water, soil, and hazardous waste. BSK supports a large number of clients that include consulting engineers, large and small municipalities, private water systems, wastewater treatment facilities, industrial dischargers, biomass energy providers and private homeowners.

Our Approach to Service & Success

BSK Labs customers vary considerably in size and complexity and we take great care in providing each client with Great Service, Simplified. Our approach to successful analytical testing begins with providing a dedicated Project Manager to each project. The Project Manager is matched by skill set to the unique needs of our clients.

It is the Project Manager's responsibility to understand the business of our clients to identify their analytical needs. Our laboratory staff and Project Managers look beyond the task of providing simple laboratory results and seek to understand the reason behind the request. With this level of understanding, we are able to identify what our clients truly value and the actions necessary to ultimately fulfill their needs.

BSK Labs employs technical professionals with degrees in chemistry, biology and microbiology. Our staff understands and appreciates the significance of the results they produce and recognizing their importance to the environment in which we live. We take a consultative approach to service so that we may better assist our clients in satisfying their testing requirements.

With our easy to use website and new electronic chain of custody form, we are able to simplify our clients' needs throughout the analytical process – from bottle order, to sample submission, to reporting, and data management. BSK Labs provides great service, simplified.



Laboratory Certifications

BSK's laboratories maintain a number of accreditations through numerous state agencies. The Fresno laboratory is accredited nationally under the 2009 NELAC/TNI Standard through the Oregon Environmental Laboratory Accreditation Program (ORELAP). In addition, Fresno is certified in the States of California, Hawaii, Nevada, Oregon and Washington. The Sacramento laboratory is certified under the California Environmental Laboratory Accreditation Program (ELAP). Our Vancouver laboratory is also accredited by ORELAP for work performed in Oregon and maintains reciprocal accreditation in Washington through this national accreditation standard. Lastly, BSK is one of the few laboratories in the country to have been certified by the EPA for all test methods for all rounds of the Unregulated Contaminant Monitoring Rule (UCMR).

Fresno Analytical Lab

- Foreign Soil Permit
- State of California
- State of Hawaii
- State of Nevada
- State of Oregon-NELAC
- State of Washington
- Unregulated Contaminant Monitoring (UCMR3) & (UCMR4)

Sacramento Microbiology Lab

- State of California

Southern California Microbiology Lab

- State of California - Fall 2015

Vancouver Analytical Lab

- State of Oregon-NELAC
- State of Washington

NELAC was established in 1995, with the mission to develop laboratory accreditation standards and implement a certification program - the National Environmental Accreditation Program (NELAP).



BSK ASSOCIATES

Laboratory Facilities

BSK Associates operates three laboratories and three sample receiving facilities in California and one laboratory and two sample receiving facilities in the Pacific Northwest, one in Oregon and one in Washington.

Fresno Analytical Laboratory

Our Fresno-based laboratory spans four buildings and 16,000 square feet in the downtown area, where it is easily accessible to local major highways (CA Highways 99, 41 and 180). As our primary laboratory, BSK's Fresno facility offers hundreds of analytical methods using state of the art equipment, operated by our experienced and scientific staff. Working in coordination with our other office locations, the Fresno facility serves all of BSK's clients on the West Coast.

Sacramento Microbiology Laboratory

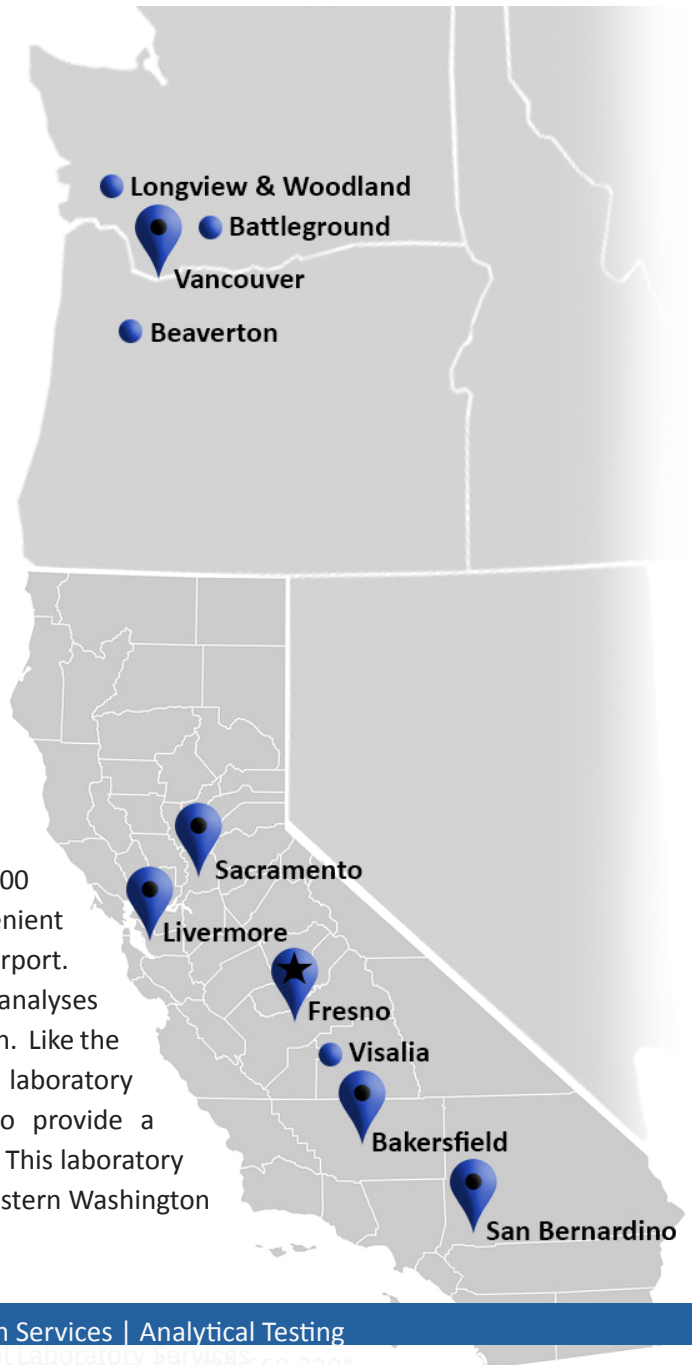
Our Sacramento-based laboratory occupies approximately 1,500 square feet in Rancho Cordova, CA. This location provides convenient access to Highways 5, 99, 50 and 80. At the lab, our staff performs microbiological analyses on a variety of matrices from clients in the Northern California region. This laboratory also serves as a drop-off location for our Sacramento-region clients and as base for our Northern Valley samplers and couriers.

Southern California Microbiology Laboratory

Our Southern California laboratory occupies approximately 2,100 square feet in San Bernardino, CA. This location provides convenient access to Highways 10 and 215, located less than a mile from their junction. The San Bernardino office is currently a service center and drop-off location for our clients and as base for our Southern California operations. Coming Fall 2015 – on-site microbiology services.

Vancouver Analytical Laboratory

Our Vancouver-based laboratory occupies approximately 2,500 square feet in Vancouver, WA. This location provides convenient access to Highways 5 and 205 and the Portland International Airport. Staff perform quick turnaround chemical and microbiological analyses on a variety of matrices from the Pacific Northwest (PNW) region. Like the Sacramento and Southern California locations, the Vancouver laboratory works in close coordination with the Fresno laboratory to provide a comprehensive set of testing services for all markets we serve. This laboratory also serves as a drop-off location for our Portland and Southwestern Washington clients and as a base for our regional samplers and couriers.



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Corporate Headquarters
 550 W. Locust Avenue
 Fresno, CA 93650
 Local: (559) 497-2880
 Toll-Free: (800) 669-3201

Additional Locations

In addition to our laboratory facilities, BSK has five Service Center locations throughout California, Oregon, and Washington. Samples dropped off at the Service Center locations are packaged and shipped via overnight delivery to the Fresno laboratory for analysis.

Additionally, our BSK Livermore and Bakersfield Construction-Materials Engineering and Testing (CoMET) offices serve as self-service, drop off locations allowing customers to pack their samples and leave them onsite for delivery to the Fresno Laboratory. BSK’s regional courier stops by the offices on a daily basis to pick up samples and route them to the lab for analysis.

Laboratory Locations

Fresno Analytical Lab

1414 Stanislaus Street
 Fresno, California 93706
 Local: (559) 497-2888

Sacramento Microbiology Lab

3140 Gold Camp Drive #160
 Rancho Cordova, CA 95670
 Local: (916) 853-9293

Southern California Microbiology Lab

350 E. Commercial Rd. Suite #110
 San Bernardino, CA 92408
 Phone: 909-796-2059

Vancouver Analytical Lab

2517 East Evergreen Blvd.
 Vancouver, WA 98661
 Local: (360) 750-0055

Drop-Off Locations

Livermore Geotech & CoMET

324 Earhart Way
 Livermore, CA 94551
 Local: (925) 315-3151

Bakersfield Geotech & CoMET

700 22nd Street
 Bakersfield, CA 93301
 Local: (661) 327-0671

Service Center Locations

Visalia Service Center

Barns Welding Supply
 2239 E. Main Street
 Visalia, CA 93292
 Local: (559) 497-2888

Beaverton Oregon Service Center

11080 SW Allen Blvd #100
 Beaverton, Oregon 97005
 Local: (503) 680-5025

Longview Washington Service Center

Ace Hardware
 600 Triangle Mall
 Longview, WA 98632
 Local: (360) 501-6001

Battle Ground Washington Service Center

Ace Hardware Drop Off
 720 W. Main St. #112,
 Battle Ground, WA 98604
 Local: (360) 702-0123

Woodland Washington Service Center

1365 Lewis River Rd
 Woodland, WA 98674
 Local: (360) 225-9478





Laboratory Facilities

Our Delivery

BSK recognizes that time is the one resource that cannot be replaced, purchased or recaptured if lost. We understand that one of the hallmarks of a great laboratory is the ability to deliver on time, every time. To that end, BSK uses on time delivery as one of our primary business metrics in gauging our performance. It is a topic discussed at all management meetings, it is a question asked on our annual client survey and it is a metric displayed for all staff to see throughout the laboratory facilities.

BSK Labs sets internal milestones for all turnaround schedules and each department has an on time delivery goal for the year. Our project management group is included in our metrics and have set standards for on time delivery of reports to our clients. At BSK, we strive to provide our clients the right data, on time, every time.

Our Ethical Standards

For all the importance placed on delivering results on time to clients, BSK's staff understands this goal does not come at the cost of quality in a laboratory setting. The work we perform assures the preservation of our environment and the protection of human health. There is no substitute for quality and ethical decision making. BSK's staff is trained to make the correct choices where data quality is concerned. These choices are discussed at our annual ethics training and all staff attests to following these guidelines when they sign our Ethics and Data Integrity Agreement. In this agreement, BSK's staff asserts our commitment to ethical laboratory practices and agrees to be intolerant of anyone who chooses otherwise. Ethical behavior, above all, is our greatest value and the basis for all work we perform.



The BSK Values

- Service*
- Professionalism*
- Employee Development*
- Personal Accountability*
- Teamwork*
- Safety*



Quality Assurance

BSK's Quality Assurance Program (QAP), our "guiding light" for decision making, is a comprehensive ISO-based (ISO 17025) quality assurance plan built on documented standard operating procedures and technical competence. BSK's QAP addresses all aspects of our laboratory operations – everything from sample handling, to chemical analysis, to data review and report generation.

Our QAP provides the basis for all decision points, ensuring that we provide legally defensible data that are of known and documented quality. All our data undergoes three levels of review and periodic internal audits so that our clients can rest assured that BSK's data will withstand the highest level of scrutiny in even the most litigious situations.

Professional Expertise

BSK Labs employs more than 75 chemists, microbiologists, technicians, and support staff, holding degrees in chemistry, biology and microbiology. Our management team is comprised of a group of individuals having well over 150 years combined experience. Members of our management team have been with BSK for over 30 years. We combine this dedication and commitment with fresh talent and recruited specialists to provide our clients with a team of scientists that provide accurate results, consistent services and custom technical problem solving.

BSK offers an internal network of experts, each tasked with knowledge in certain aspects of our industry. Areas of expertise include: waste characterization and disposal, wastewater permits and regulations, drinking water compliance, storm water runoff, and biomass fuel testing. In addition, we offer a comprehensive set of support services that include project consultation, sample collection, sample transportation, small public water system operation and management, and consumer confidence reporting (CCR) support.



Our Resources

Client Support

BSK Labs offer extensive resources to help our clients with their challenging analytical problems.

First, BSK employs a full time project consultant that can assist with complex project plans and requirements. Our project consultant has over 30 years' experience in the industry and often provides cost effective alternatives for projects that saves thousands of dollars in analytical costs and project overruns.

Second, BSK Labs maintain a Technical Services Department that can help address unique problems or provide forensic support for investigations that may go outside the normal course of environmental testing. Our Technical Services Manager has consulted with clients on everything from identifying manufacturing contaminants in final products to identifying the cause of corrosion in a cooling system for a local firm.

Analytical Equipment

BSK recognizes two universal truths about the environmental laboratory industry: Regulations will constantly require lower reporting limits and we will need to provide results on shorter time lines in order to meet our clients' needs. BSK continues to purchase state of the art equipment on a regular basis. We do so to ensure we have adequate capacity, redundancy and sensitivity to deliver data on time, at the reporting limits needed, regardless of workload. Consistent investment in new technologies results in better on time delivery of results with improved quality control and greater operational efficiency.

BSK Labs maintains an extensive list of equipment to meet our analytical needs. We have invested over \$1.5M in new instrumentation over the last 5 years and expect to continue this level of investment.

Our equipment list includes but is not limited to:

- | | |
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| (3) Agilent 5975 Quadrapole MS (VOA) | (2) PE ELAN 6000 ICP-MS |
| (2) Agilent 5971/5975 Quadrapole MS (SVOA) | (1) PE ELAN 9000 ICP-MS (DRC) |
| (3) Varian Saturn Ion Trap MS (SVOA) | (2) PE ICP |
| (1) AB Sciex 4000 QTrap LC-MS/MS | (7) Dionex Ion Chromatographs |
| (1) Varian 1200 UHPLC-MS/MS | (1) Westco SmartChem Discrete Analyzer |
| (9) GCs- FID, ECD | (2) Thomas Cain DEENA Autodigesters |
| (3) HPLCs – UVD, FLD, PDA | |



Information Technology

Laboratory Information Management System (LIMS)

One of the biggest differentiators in laboratories today is their ability to provide electronic data solutions for their clients. Beginning with the implementation of our first Laboratory Information Management System (LIMS) in 1996, BSK has continued to invest heavily in information technology in order to provide these Information Services to an ever evolving market. In February 2010, BSK made the transition to our next generation LIMS, an event that continues our evolution as a laboratory.

With this new system, BSK recognized three significant advances in our ability to provide data solutions for our clients. First, BSK introduced ClientConnect, our web portal for analytical results, electronic reports (Adobe PDF) and Electronic Data Deliverables (EDDs). Through this portal, our clients can monitor the status of their projects as samples move through the laboratory process. Statuses are updated real-time and, once the data has undergone the tertiary or "rightness" review by the project manager, the results can be viewed directly on your screen. Finally, once the report has been spooled through our automated delivery system, the report and any associated EDDs are available for download within a short time.

With the implementation of the LIMS, BSK greatly expanded our EDD offering. As of today, we have over 95 common EDD formats in our library and maintain the ability to provide custom EDD formats for those clients with proprietary or "home grown" data formats and custom valid value lists (VVLs). Some of the more common ones that we produce on a daily basis include: CA WriteOn, CA GeoTracker (EDF 1.2i), ERPIMS, EQUiS™, WaterTrax™, GIS/Key™, LOCUS EIM™, EXCEL, SWAMP, and CIWQS.

With the added sophistication included in this new LIMS, BSK now can provide higher levels of data deliverables to our clients who wish to receive a



greater extent of the quality control data produced by the laboratory. In addition to the industry standard "Level II" deliverable (Sample results with Batch Preparation QC), BSK can now provide summary data associated with the analytical instrumentation, sometimes referred to as a data validation package. This allows our more sophisticated clients the ability to perform their own independent review of the analytical data to ensure it meets the standards and requirements set forth in their Quality Assurance Project Plans (QAPPs).

Our web and electronic data delivery services simplify our clients' needs throughout the analytical process – from bottle order, to sample submission, to reporting, and results delivery.



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