

Laboratory Analytical and Consultation Services

Federal Occupational Health (FOH) offers your agency a fully equipped, state-of-the-art industrial hygiene and environmental laboratory that provides sampling and analytical support services for a wide range of contaminants.

What does the FOH Industrial Hygiene and Environmental Laboratory do?

The lab provides gas chromatography/mass spectroscopy, atomic absorption, and wet chemistry analytical services. It can also analyze potential sources for harmful chemical compounds including:

- Heavy metals such as lead, arsenic, cadmium, chromium, and magnesium from air, surface, soil, paint, and water samples.
- Organic chemicals that have permissible exposure limits and/or short-term exposure limits established by OSHA to protect employees from potential inhalation hazards.

In addition to our analytical services, FOH's microbiologists can provide your agency with expert evaluation and consultation services on a wide variety of air and water-borne microbial and bacteriological contaminants originating from samples collected from air, water, wet building materials, and dust. Our industrial hygienists can provide both optical and electron microscopy consultation services to assist your agency with identifying the presence, type, and quantity of asbestos and other potentially harmful airborne particulate contaminants.

What are some representative services FOH provides to its federal customers?

Customers include the Army National Guard Bureau, for whom FOH conducts heavy metal surveys and analyses; the U.S. Environmental Protection Agency (EPA), for whom FOH provides nutrient sampling and analysis of lake water samples; and the Social Security Administration (SSA), for whom FOH conducts lead and copper water surveys and analysis, asbestos and microbial contamination assessments, and remediation oversight.

Quality Assurance

FOH's commitment to providing customers with consistently high-quality data is evidenced by its strong quality assurance programs. FOH reviews and establishes protocols for all facets of its laboratories' operations, from sampling strategies to the final review and issuance of reports.

What can you expect?

FOH's Industrial Hygiene and Environmental Laboratory prides itself on supplying our customers with an extensive list of analytical capabilities and industrial hygiene expertise. We are committed to providing high-quality analytical results accompanied by an unsurpassed level of personalized customer service.

What are the benefits?

- **Experienced** laboratory analysts skilled in analytical support services
- **Compliant** with Occupational Safety and Health Administration (OSHA) and Environmental Protection Agency (EPA) mandates
- **Simple and flexible** service delivery method using the Interagency Agreement (IAA)

“FOH enables our agency to have expert consultants whose excellent support helps us more efficiently manage our activities, improving the safety and health of Americans.”

Director, National Institute for Occupational Health and Safety (NIOSH)

Fast Facts

- The Industrial Hygiene and Environmental Laboratory maintains:
 - Accreditation by the AIHA Laboratory Accreditation Programs (AIHA-LAP, LLC)
 - Participation in AIHA Proficiency Analytical Testing program (PAT)
 - Participation in the Environmental Lead Laboratory Accreditation Program (ELLAP)
 - Participation in the Industrial Hygiene Laboratory Accreditation Program (IHLAP)
 - ISO/IEC 17025:2005 compliant

**Safety and training at
your fingertips.**

**1-800-457-9808
www.FOH.hhs.gov**

