

## **PROFESSIONAL PROFILE**

### **SARA BEARD SAFETY, HEALTH AND ENVIRONMENTAL TECHNOLOGIST**

#### **EDUCATION:**

Bachelor of Science, Environmental, Health and Safety Applied Sciences (2015)  
Indiana University of Pennsylvania, Indiana, PA

#### **PROFESSIONAL PROFILE:**

Ms. Beard is a Safety, Health and Environmental Technologist in the company's Operations Division. She provides technical services in occupational and environmental safety and health, air quality, and toxic materials control. Ms. Beard's duties include screening and implementing requirements of local, state, and federal safety, health, and environmental regulations, including the Pennsylvania Department of Environmental Protection, U.S. Environmental Protection Agency (U.S. EPA), U.S. Army Corps of Engineers, U.S. Department of Transportation, U.S. Department of Labor and Industry, and Occupational Safety and Health Administration (OSHA). Regulations are applied to toxic materials control projects, such as the abatement of asbestos containing materials, lead based paint, and hazardous waste sites. Duties include technical oversight of safety and health monitoring on hazardous projects and regulated activities. Specific technical work includes analyzing and interpreting environmental regulations and project specifications for site application.

#### **CERTIFICATIONS:**

- Graduate Safety Professional (GSP)
- First Aid/CPR Certificate (National Safety Council)
- Certified Hazardous Waste Operations and Emergency Response Worker and Supervisor (82-hour)
- Certified Asbestos Contractor/Supervisor (40-hour)
- Certified Permit Required Confined Space Entrant, Attendant, Supervisor and Rescue (16-hour)
- Lead Based Paint Certified Renovator (8-hour)
- VSPHS/NIOSH 582 Equivalency Certified Microscopy
- Certified AHERA Asbestos Inspector

## **SELECT PROJECT EXPERIENCE:**

**Project:** Indoor Air Quality Assessments

**Description:** Performed assessments incorporating available historical, medical, and occupant interviews. Specifically, these assessments incorporate the above information and a sensory review of the facility, its surrounding area, and HVAC systems. Sampling plans were devised, combining direct read and laboratory analysis as appropriate. This information is evaluated against published occupational (OSHA, NIOSH, etc.) criteria, public (EPA, ATSDR, Department of Health, etc.) exposure levels, and comfort criteria (ASHRAE).

**Project:** Compliance Oversight during Remediation of Hazardous Materials: Industrial Hygiene Services

**Description:** Compliance oversight during various hazardous materials remediation projects (asbestos), including implementation of project specific requirements, regulatory oversight, air monitoring and health and safety supervision of remediation contractors.

**Project:** Sampling for Biological and Radiological Hazards carried by Mail

**Description:** Performed sampling for potential radiological and biological threats on incoming mail. Radiation within the mail room was monitored using a Geiger counter. Biological sampling included powder screening test for possible biological threats including Bacillus anthracis, Botulism Toxin, Ricin, and Staphylococcal Entrotoxin B (SEB).

**Project:** CPR/AED/First Aid Instructional Classes

**Description:** As a certified instructor for the American Heart Association, provided hands on CPR/AED/First Aid training classes to a variety of groups including, government officials, students, and manufacturing workers.

**Project:** Hazardous Material Building Inspections

**Description:** Performed hazardous material building inspections for various university and government clients. These inspections included quantification and sampling of hazardous materials such as lead paint, PCB, and asbestos containing components. Materials were collected and analyzed as necessary by certified laboratories.