



Credere Associates LLC

**Judd R. Newcomb, LG, PG**

**Senior Project Manager/Geologist/Asbestos Inspector**

## **PROFESSIONAL LICENSES**

NH Asbestos Inspector #AI-383  
NH Prof. Geologist #00799  
ME Licensed Geologist #GE493  
ME Asbestos Inspector #AI-0608  
ME Asbestos Air Monitor  
#AM-0559

## **TRAINING**

USACE Construction Quality  
Management Training (CQM)  
DoD OPSEC Awareness  
40-hour OSHA 29 CFR 1910.120  
Hazardous Waste Health and  
Safety Course  
8-hour OSHA 29 CFR 1910.120  
Hazardous Waste Health and  
Safety Refresher Course  
8-hour OSHA 29 CFR 1910.120  
Hazardous Waste Supervisor  
Health and Safety Course  
2-hour OSHA 29 CFR 1910.120  
Confined Space Entrant,  
Attendant and Supervisor  
9-hour National Safety Council  
Basic First Aid Training  
9-hour National Safety Council  
First Aid for Choking and CPR  
Course  
Innov-X Systems Radiation  
Safety & Operator Training for  
Portable XRF Spectrum  
Analyzers including Radiation  
Safety & XRF Theory  
101-Portable Nuclear  
Density/Moisture Gauge Use  
and Safety Training  
Waterborne Radon Sampling

## **EDUCATION & PROFESSIONAL ACTIVITIES**

B.S., Geology, University of  
Maine, August 2000  
Geological Society of ME  
National Groundwater  
Association  
National Brownfields  
Association  
The Geological Society of  
America  
Economic Development Council  
of Maine

## **HIGHLIGHTS OF EXPERIENCE**

Mr. Newcomb is a Geologist and Senior Project Manager for Credere Associates with extensive experience in managing assessment, cleanup, and redevelopment projects, including hazardous building materials inspections and abatement, geotechnical evaluation, implementing innovative technologies, and all relative federal and state application, reporting, and documentation requirements.

### **U.S. NAVY EXPERIENCE:**

#### **Casco Bay Pipeline Removal, Harpswell, Maine**

Mr. Newcomb managed the environmental oversight and sampling for Charter Environmental whom removed two 7.5-mile long asbestos-wrapped pipelines extending from the Brunswick Naval Air Station, Maine to fuel docks in Harpswell Neck, Maine. As part of the project Mr. Newcomb managed two other Credere staff in the collection and geo-locating of thousands of soil samples for field screening and laboratory analysis, visual confirmation of asbestos removal, and the remediation of three identified release sites. Following removal, the pipeline easement was restored to natural woodland. Throughout the project Mr. Newcomb provided daily field reports, weekly summaries, and final reports to Charter, the US Navy, and the Maine DEP to satisfy regulatory and contractual requirements, and provided hydrogeologic investigation recommendations to the U.S. Navy's environmental contractor for the additional investigation of a potential contaminated drinking water supply near to the pipeline.

#### **Portsmouth Naval Shipyard, Kittery, Maine**

Credere holds several on-call and specific contracts with the U.S. Navy and has also been subcontracted by various engineering and construction firms for multiple projects on the Portsmouth Naval Shipyard to provide environmental and building materials sampling services, abatement clearance and air monitoring services, and to provide Site Safety Officer services. Mr. Newcomb has managed field staff and resources to service the projects, provided reporting and QA/QC services, performed asbestos, PCB, and other sampling as a Maine licensed asbestos inspector and Licensed Geologist for pre-demolition surveys, dry dock and other utility upgrades, indoor and subslab vapor evaluation, in addition to the ongoing consolidation of the 13 paint, blast, and rubber facilities.

### **U.S. DOT VOLPE CENTER EXPERIENCE:**

#### **Kinneytown Dam Removal**

As part of a dam removal and fish passage improvement project in partnership with the U.S. DOT, EPA, NOAA, and the Naugatuck Valley Council of Governments, Credere was contracted by DOT to provide pre-removal environmental assessments for the project. Assessments included pre-demolition hazardous building materials surveys of a former generator building and two gate houses (asbestos, lead, PCBs, and other regulated wastes) and a large scale barge drilling program to assessment sediment contamination in the dam impoundment area, the Naugatuck River, a canal reservoir, and an upper pond. Mr. Newcomb managed the program and oversaw a team of Credere asbestos inspectors and geotechnical engineers, provided daily coordination with DOT and the EPA, and prepared various projects sampling and abatement plans for the upcoming removal program.

### **CREDARMY CORPS FORMERLY USED DEFENSE SITES EXPERIENCE:**

#### **Five Maine Generator and Radar Sites**

Credere was subcontracted by Charter Environmental to assist in the completion of underground storage tank (UST) removal, hazardous waste removal, soil remediation, environmental sampling, and reporting for five former military sites in Maine through the Formerly Used Defense Sites (FUDS) program including former radar sites in Topsfield and Blue Hill, barracks in Eastport, training base on Little Chebeague Island, and an artillery installation

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and bunker on Ram Island. Mr. Newcomb managed the projects on behalf of Charter and provided Geologist services to comply with Maine regulations. Due to the remote or coastal location of the Sites and a variety of sensitive environmental components (i.e. wetlands, endangered species, beach dunes, etc.), logistics included the mobilization of off-road vehicles and barges for Site access and the implementation of low-impact construction methods to protect environmental components. Mr. Newcomb utilized several contractors with specialized equipment and local knowledge to complete the work, acted as liaison between Charter, Army Corps, Maine DEP, and property owners, and prepared cleanup documentation to achieve closure.

**Bucks Harbor Air Force Radar Tracking and GATR, and Glenburn Air Force GAT Sites, Machiasport and Glenburn, Maine**

Credere was subcontracted by Absolute Resource Associates (ARA) to provide long term monitoring services for two sites in Maine. The projects include monitoring 26 wells/sample ports and over 20 private wells (including multiple POET treatment systems) twice a year in Bucksport and 15 wells/sample ports and over 30 private wells (including multiple POET treatment systems) annually for chlorinated solvents and monitored natural attenuation parameters. In addition, Credere has performed a variety of other services for the projects including the installation of additional bedrock monitoring wells, well abandonment, indoor air impact evaluation, and investigation derived waste management and disposal. Mr. Newcomb acts as both the technical lead and the field lead for the project and directs the field team in the field team in mob/demob, equipment management, sampling strategy, onsite QA/QC of field data, and report preparation. Credere recently completed the 7th year of monitoring and is expecting to continue for at least three more years.

**NETC Melville Long Term Monitoring and LNAPL Removal, Portsmouth, Rhode Island**

Credere is currently providing long term monitoring and LNAPL collection services to the USACE at the former Naval Education and Training Center (NETC) Melville North Area in Portsmouth, Rhode Island. Mr. Newcomb is currently the project manager and technical lead for the project and ensures that all gauging, LNAPL removal, adsorbent sock replacement, and waste consolidation and disposal are appropriately coordinated.

**Fort Devens, Ayer and Shirley, Massachusetts**

As a subcontractor to Envirovantage, Credere is currently acting as the Site Superintendent for the abatement of asbestos and PCBs to facilitate demolition of large former dormitory building on the base. Mr. Newcomb is currently providing technical assistance to the abatement team and is providing liaison services to the EPA's PCB coordinator. In addition, as a subcontractor to Sovereign consulting, Credere performed soil sampling activities at a former housing area of Fort Devens where elevated levels of contaminants were detected. Mr. Newcomb assisted Sovereign in direct-push soil boring logging, incremental soil sampling, unexploded ordinance evidence inspection, field screening, and field QA/QC.

**U.S. EPA SUPERFUND EXPERIENCE:**

**Callahan Mine Superfund Site (Cleanup and Geotechnical Investigation), Brooksville, Maine**

Credere was subcontracted by Charter Environmental to provide environmental cleanup and monitoring, and geotechnical evaluation of a tailings impoundment during cleanup activities at the Callahan Mine Superfund site. Mr. Newcomb managed the removal of mine waste impacted soil around five adjacent residential properties, confirmation sampling of PCB-impacted soils, and the training of Charter staff in the appropriate construction of containment and loading areas to allow for the decontamination of construction and transportation equipment. In addition to environmental sampling, Mr. Newcomb oversaw the installation of bedrock monitoring wells and soil borings to evaluate subsurface conditions and groundwater discharge into the tailings impoundment in support of stability analysis. Mr. Newcomb assisted the geotechnical engineers in field sampling, assisted USEPA staff in data collection, and as the Professional Geologist for the project acted as the onsite liaison between Charter, USEPA, Maine DEP, Maine DOT, and private property owners.

**Callahan Mine Superfund Site (Tailings Impoundment & Bioreactor O&M), Brooksville, Maine**

Credere was contracted by the USACE to provide groundwater monitoring and O&M services for the tailings impoundment at the Callahan Mine. As a pilot study to evaluate the permanent remedy, the USEPA and Maine DEP installed a horizontal drain through the impoundment to assess whether dewatering the impoundment was possible to increase slope stability and allow for the installation of a cap and prevent further leaching of metals and other contaminants to the adjacent estuary. A drainage structure and bioreactor were installed downslope of the impoundment to treat the dewatering discharge. Mr. Newcomb was the Field Lead for the project and oversaw the collection of groundwater elevations, bioreactor operations and maintenance, treatment effectiveness related sample collection, seep inspection and sampling, and other site maintenance activities. Following completion of the pilot study in 2018, Credere performed technical evaluation of the drain effectiveness and recommendations toward a final remedy for the site.

