



Jonathan O'Donnell
Staff Engineer

TRAINING

- 🏠 40-hour OSHA 29 CFR 1910.120 HAZWOPER Course
- 🏠 8-hour OSHA 29 CFR 1910.120 HAZWOPER Refresher (Nov. 2009)
- 🏠 Radiation Safety & Operator Training for portable XRF Spectrum Analyzer and Portable Nuclear Density/Moisture Gauge

EDUCATION

- 🏠 M.S. Geological Engineering, 2009 University of Wisconsin - Madison
- 🏠 B.S. Environmental Science, 2006 University of Southern Maine

HIGHLIGHTS OF EXPERIENCE

Mr. Jonathan O'Donnell is a GeoEnvironmental and Geotechnical Engineer and Environmental Scientist for Crede Associates with over 2 years of professional experience in Brownfields Program projects; Phase I and Phase II Environmental Site Investigations; remedial system operation, maintenance, and reporting; hydrogeological modeling; and stormwater management.

PROJECT EXPERIENCE INCLUDES:

Environmental Site Assessments and Subsurface Investigation

Mr. O'Donnell has completed over 20 Phase I Environmental Site Assessments for a variety of commercial, residential and undeveloped sites in Maine and New Hampshire. His responsibilities include performing Phase I and Phase II site investigations, working with federal, state, and local regulatory agencies as part of the regulatory records review, conducting historical research, implementing hazardous waste inventories, and writing reports that specify environmental liabilities. Phase II investigations included release of chlorinated organic compounds, petroleum products, pollutant metals, PCBs, and pesticides to soil and groundwater. Investigation activities conducted and supervised by Mr. O'Donnell have included soil test pitting, boring, and logging; monitoring well installation; geophysical investigations; environmental field screening and sampling of surficial soils, subsurface soils, and groundwater; and data analysis and interpretation. Mr. O'Donnell is also proficient in presentation of site data, including Geographical Information Systems and graphical work.

Brownfields

Mr. O'Donnell has conducted Phase I and Phase II environmental site assessment and investigation activities for the USEPA-funded Brownfields commercial redevelopment and revitalization program and prepared Quality Assurance Project Plans detailing all investigation, sampling, and analytical testing activities. Additional activities at Brownfields sites included the development of conceptual site models, completion of redevelopment feasibility studies, and the characterization and remediation of contaminated media. Mr. O'Donnell works closely with Brownfields grant recipients, property owners, developers, and other stakeholders as part of the Brownfields process. Mr. O'Donnell has worked on Brownfields programs with the Southern Maine Regional Planning Commission, Rockingham Planning Commission, Southern New Hampshire Planning Commission, Greater Portland Council of Governments, and Town of Sanford, Maine.

Representative Brownfields projects include:

- Fred's Auto Site, Candia, NH
- River's Edge II Site, Manchester, NH
- Candia Road Creamery, Manchester, NH
- Sanford Mill, Sanford, ME
- Aerofab Mill, Sanford, ME
- Nashua Boiler House, Nashua, NH
- Piscataqua Transportation, Greenland, NH
- Granite Landing Site, Manchester, NH

Building Material Remediation

As part of Brownfields and similar industrial redevelopment projects, Mr. O'Donnell

Jonathan O'Donnell
Staff Engineer

conducts and supervises building abatement activities for lead paint, asbestos containing building materials, and other hazardous wastes. Mr. O'Donnell is knowledgeable of regulatory requirements concerning the identification, removal and abatement, and disposal of asbestos, lead paint, and hazardous waste in the State of Maine and State of New Hampshire.

