

## ***Carl J. Bones, P.E.***

### **CREDENTIALS:**

- M.S.W.R.E.E., Water Resources and Environmental Engineering, Villanova University
- M.CHE., Chemical Engineering, Villanova University
- B.CHE., Chemical Engineering, Villanova University

### **PROFESSIONAL REGISTRATIONS/CERTIFICATIONS:**

- Licensed Professional Engineer: Pennsylvania; Delaware; Florida; New Jersey; and, Maryland
- OSHA 40 Hour Health and Safety Training
- OSHA 8 Hour Health and Safety Supervisor Training
- First Aid/CPR

### **TECHNICAL EXPERTISE:**

- Phase I, II and III Environmental Site Assessments
- Soil and Groundwater Investigations
- Remedial Action Design and Implementation
- NJDEP Air Quality, Water Quality and Solid Waste Permitting
- Indoor Air Quality Investigations
- Property Condition Assessments

### **EXPERIENCE SUMMARY:**

Mr. Bonés is a Professional Engineer, registered in the Commonwealth of Pennsylvania, and the states of Delaware, Florida, New Jersey and Maryland. Mr. Bonés has over 19 years of experience in the environmental field conducting soil and groundwater investigations, remedial action design and implementation in Pennsylvania and under the LSRP Program in New Jersey. In conjunction with environmental investigations, Mr. Bonés has conducted environmental compliance audit programs and permitting for state and federal programs such as the New Jersey Solid and Hazardous Waste Program; the New Jersey Air Quality Permitting Program, the National Pollution Discharge Elimination System and the National Oil Pollution Prevention regulations. He has expanded his capabilities to include indoor Air Quality (IAQ) investigations including the assessment of molds and has completed many indoor air quality projects for residential and commercial clients, local governments and schools investigating both chemical and biological contamination of living spaces and HVAC systems. Mr. Bonés has over 10 years of experience in conducting Property Condition Assessments in accordance with ASTM E2018, Baseline Property Condition Assessment and lender specific protocols for banks, institutions and lending giants Freddie Mac and Fannie Mae.

He was certified by the Indoor Air Quality Association (IAQA) as an Indoor Environmentalist (CIE) by the Association of Energy Engineers (AEE) as a Certified Indoor Air Quality Professional (CIAQP) by the Indoor Air Quality Association, as a Certified Commercial Building Inspector (CBI) and Residential Building Inspector (RBI) by the International Code Council, a Certified Building Sciences Infrared Thermographer by the Infrared Training Center (IRTC) and was a Certified Subsurface Evaluator (NJDEP) up to and into the implementation of the LSRP Program.