

STONE

ENVIRONMENTAL, ENGINEERING & SCIENCE

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Company Overview

Our mission at Stone Environmental Engineering & Science, Inc. (STONE) is to improve the environment around us – both natural and manmade. We are a diverse and passionate group of engineers, ecologists, surveyors, and scientists who solve challenging problems. This includes in-house staff who complete infrastructure design to ecological surveys to permitting compliance. We perform a wide variety of environmental and civil engineering design services, working together with our clients to understand and meet their unique individual needs.

Key Services

ASSESSMENT	DESIGN & SURVEY
Phase I & II ESA Remedial Action Underground Storage Tanks Asbestos Lead-Based Paint Wetlands & Streams Ecological Evaluation Freshwater Mussel Surveys Soil & Water Sampling Discharge & Waste Sampling Air & Dispersion Modeling Groundwater Modeling Source Water Protection	Civil Site Design Hydraulics Bridge Design / Inspection Road and Trail Design Boundary/Topographic Survey Waste Treatment Wastewater Pretreatment Storm Water (SWP3) Spill Prevention (SPCC) Wetland & Stream Mitigation GIS
PERMITTING	COMPLIANCE
NEPA & Waterway Air & Emissions Industrial Discharge Permit to Install / Operate (PTIO) Storm Water Section 401/404 Regulatory Compliance Agency Negotiation	Facility Audits Hazardous Waste Facility Reporting TRI & SARA Storm Water Wetland & Stream Mitigation Construction Inspection Construction Management Training

Differentiators

- 100% Woman-Owned and Operated
- In-House Multi-Disciplined Engineers, Scientists, and Surveyor
- High-level Ecologists with Federal Mussel Species Certification
- Experienced Staff, most with more than 20 years in their discipline
- ODOT DBE Consultant of the Year (2018)
- Firm accepts credit cards.

Past Performance Clients

- Federal: USGS, Wright Patterson Air Force Base
- State of Ohio: Facilities Construction Commission (OFCC), Dept. of Natural Resources (ODNR), Department of Transportation (ODOT)
- Cities: Columbus, Dayton, Gahanna, Westerville, Marysville
- The Ohio State University (OSU), Otterbein University, Ohio University
- Parks: Westerville, Columbus & Franklin County Metro Parks
- Private: AEP, Pepsi, Beaver Excavating, Kokosing, Pulte Homes, AMP-Ohio, Calgon Carbon, V&S Galvanizing, TS Tech, Ohio Steel, Dragados

CAPABILITY STATEMENT

Firm Certifications

WOSB – Federal U.S. SBA (3rd Party Cert.)
 WBENC – National Women's Business Enterprise
 EDGE – State of Ohio
 DBE – State of Ohio, State of West Virginia
 FBE / WBE – City of Columbus, City of Toledo, City of Dayton (PEP), Northeast Ohio Regional Sewer District (NEORS), Metropolitan Sewer District of Greater Cincinnati (MSD)

Ohio DOT Prequalifications:

- Non-complex Roadway Design
- Bicycle Facilities & Enhancement
- Construction Inspection (1 & 2)
- Construction Management
- ROW Plan Development
- Bridge Design – Level 1
- Bridge Inspection – Level 1
- Environmental Document – EA/EIS, CE, 4(f)
- Ecological Surveys
- Stream and Wetland Mitigation
- Waterway Permits
- Air Quality Analyses
- Regulated Materials Review

OFCC Prequalified

- Engineer, Surveying, Energy Services Consultant List - FY 2018-19
- Hazardous Materials Consultant List - 2017-19

Company Designations

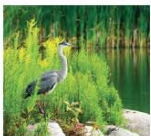
Cage Code: 1QF67
 DUNS #: 619655350
 SAM Registration: Active
 Structure: Small Business, C-Corp

NAICS Codes

541330 Engineering Services
 541620 Environmental Consulting
 541690 Other Scientific & Technical Consulting Services
 541370 Surveying and Mapping

Personnel Certifications

PE – Professional Engineer (OH, WV, NJ, OK, KY)
 PS – Professional Surveyor
 CP – Ohio VAP Certified Professional
 AHES – Asbestos Hazard Evaluation Specialist
 AHAS – Asbestos Hazard Abatement Specialist
 AHPD – Asbestos Hazard Project Designer
 PWS – Professional Wetland Scientist
 CPESC – Certified Professional in Erosion & Sediment Control
 LEED AP – Leadership in Energy & Environmental Design
 CESSWI – Certified Erosion, Sediment, & Storm Water Inspector
 Ohio EPA Qualified Data Collector Level II/III
 Federal and State Freshwater Mussel Surveyors



Wright Patterson Air Force Base (WPAFB) Task Order A/E Services, Dayton, Ohio.



Several engineering tasks for WPAFB were completed by STONE (formerly Shaw, Weiss and DeNaples) that addressed design of an oil/water separator and containment areas for a fueling area and design services for the rehabilitation of utility tunnels. The rehabilitation of utility tunnels included inspection of the structures, drainage, piping, and electrical conduit; preparation of detailed plans; definition of the limits of disrepair; specification preparation for structural repairs; replacement of piping and electrical equipment; as well as improvements to the access points to the tunnels.

Laboratory Decommissioning Services, U.S. Geological Society (USGS), Columbus, Ohio.



USGS was decommissioning their laboratory in preparation of a move. STONE completed cleaning/decontamination of laboratory equipment to be moved to a new facility (sample coolers and freezers, centrifuge, biosafety cabinets), cleaning/decontamination of laboratory items that were to be removed and disposed (such as countertops and cabinets), completion of sampling of P-traps and wastewater rinsate for disposal waste characterization, completion of wipe sampling throughout the laboratory area, and associated reporting of the activities performed and sampling results.

ODOT Portsmouth Bypass Environmental Commitment Compliance, Ohio DOT / PJV, Portsmouth, Ohio.



STONE completed 4 years of extensive on-site review and management documentation for compliance to over 300 environmental commitments for the 16-mile, \$480M highway on a new alignment – Ohio DOT's largest P3-project. STONE was chosen for the project due to our understanding of environmental regulations, permit conditions, floodplain coordination, threatened and endangered species, specifications, and construction methods; our communication; and our responsiveness. STONE was on-call for all environmental issues which developed. Our responsiveness to these situations increased our scope on the project, including the completion of an underground storage tank (UST) closure, permit

modifications, agency reporting, and over 30 Ecological Surveys, Species Surveys, and ODOT Clearance documents.

Hazardous Materials Survey– WPAFB Runway/Taxiway 5L-23L Replacement – Gulf Coast / WPAFB – Dayton, Ohio.



STONE performed hazardous materials assessment on the main runway as part of the design process and planned demolition and replacement activities. The scope of work involved a survey of potential hazardous materials (asbestos-containing materials (ACM) and lead-containing paint (LBP) and included nondestructive and destructive sampling and documentation of the type and quantities of ACM and LBP present. Work was performed within a tight schedule during off-hours to limit the time the main runway and airfield and electrical supply had to be shut down. Coordination with other consultants and contractors was imperative, and involved extensive communication and planning with WPAFB personnel.

Phase I Hazardous, Toxic, and Radioactive Waste (HTRW) Investigation, Arcadis / Village of Smithfield / Jefferson County Water and Sewer District – Smithfield, Ohio.



STONE completed the Phase I HTRW Investigation in an attempt to identify sites along the nine pump station upgrade areas and the upgrade to the existing wastewater treatment plant (WWTP) situated on 11 acres. The HTRW scope was modified based on past U.S. Army Corps of Engineers (USACE) conversations, and in an attempt to reduce effort for the initial site review. STONE completed a review of records (including historical aerial photographs, topographic maps, fire insurance maps, and regulatory database records), a site reconnaissance of the various pump stations and existing WWTP, and prepared a detailed report summarizing HTRW concerns.

Risk Assessments and Analyses at Multiple Industrial Facilities – Wood / City of Dayton Department of Water, Division of Environmental Management – Dayton, Ohio.



STONE conducts risk assessments designed to identify and define potential contaminant sources to the City's drinking water supply, identify and develop efforts for the facilities to reduce risk, and recommend actions to eliminate and reduce the identified and defined risks. STONE's environmental compliance assessment of each facility includes a review of environmental permits, discussions with site personnel regarding operations and materials, and a walk-through of the facility (interior and exterior) in an attempt to note environmental conditions, and then develop recommendations for prioritizing corrective measures.