

2020 Capability Statement

Contact: Christopher Schaefer, President

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Sunbelt Environmental Services, Inc. (Sunbelt) provides consulting and risk management environmental services and solar construction services to residential, commercial, industrial, and government organizations. Our extensive experience and capable staff ensure our clients receive high quality and cost-efficient services.

What sets Sunbelt apart?

- A unique combination of consulting and field services staffing & equipment
- Responsiveness to client needs
- Long term contracts and relationships with government agencies
- Diversified capabilities in consulting and field work/construction
- Use of advanced technology for remedial action, site investigations

Core Capabilities

- Environmental Consulting & Reporting (Phase I/II ESAs, Risk Assessment, Compliance Reporting)
- Abatement Services for Asbestos/Lead/Radon/Mold
- Alternative Energy (Solar & Geothermal) System Installation
- Subsurface Investigation, Remedial Design & Implementation
- Emergency Response Services for Hazardous/Non-Hazardous Materials

Environmental Consulting & Reporting

Sunbelt has more than 30 years' experience in environmental consulting services, working for clients in multiple states in the Midwest region. Our consulting services include:

- Risk assessment for contaminated property (exposure models, data collection, assessment of current and future risk, plume stability, activity and use limitations)
- Due diligence studies for property transactions, including Phase I/II/III environmental site assessments
- Asbestos/lead-based paint/radon/mold inspections and reporting
- Regulatory permitting and reporting for commercial and manufacturing clients
- Industrial hygiene air sampling and reporting services

Abatement Services for Asbestos/Lead/Radon/Mold

- Licensed and certified to remove or abate contaminants such as asbestos, mold, lead paint, radon from residential, commercial, industrial structures

Alternative Energy (Solar & Geothermal) System Installation

- Residential/Commercial/Utility Solar System Design and Installation – Ground Mount or Roof Mount
- Solar Farm Construction/Pier Pull Testing & Reporting
- Geothermal Thermal Conductivity Testing
- Residential/Commercial Geothermal Systems

Subsurface Investigation, Remedial Design & Implementation

- Direct push, hollow stem auger and air rotary drilling capabilities
- Soil, groundwater, surface water, soil vapor sample collection and analysis
- Geologic and hydrogeologic studies in complex karst environments
- Remediation system design and installation for petroleum/hazardous substance releases

Emergency Response Services for Hazardous/Non-Hazardous Materials

- Emergency response services for chemical spills – on call 24 hours a day/ 7 days a week
- Level A/B/C/D response capabilities
- Hazwoper/OSHA trained and certified
- Specialized response equipment and materials
- Waste disposal – hazardous and non-hazardous waste

Licensing/Certifications

- Registered Geologists/Professional Geologists
- Certified Hazardous Materials Managers (CHMM)
- MO/AR Licensed Asbestos Inspectors

- MO/AR Licensed Asbestos Abatement Supervisors/Workers
- 40 HR Hazwoper, 8-Hour Refresher/Supervisor HAZWOPER
- Missouri Licensed Lead Abatement Contractor
- Missouri Licensed Lead Abatement Supervisor/Workers
- Missouri Licensed Lead Inspectors/Risk Assessors
- Certified Confined Space Training
- MO/AR/KS/NE - Drilling/Well Installation/Geothermal/Monitoring Well/Sampling
- Radon Inspection/Testing/Remediation Certifications
- Certified Bloodborne Pathogens Training
- Missouri Hazardous Waste Transporter
- AR/KS UST Removal Certification
- OSHA 10 Hour/30 Hour Construction Safety

City/State Contracts

Missouri Department of Natural Resources

Hazardous Substance Cleanup and Disposal Services – Statewide

Contract CS170840004 – Contract Amendment 03

Contract through June 30, 2021

Contact: Chris Downing (chris.downing@oa.mo.gov or 573-751-3331)

Missouri Department of Natural Resources

Underground Storage Tank Investigation, Remediation and Assessment Services

Contract CS170375009 – Contract Amendment 02

Contract through June 30, 2021

Contact: Chris Downing (chris.downing@oa.mo.gov or 573-751-3331)

City of Springfield, Missouri

Asbestos Inspections, Sampling and Abatement

Award #081-2020IFB

Contract through 5/31/2021

Contact: Morgan Blankenship (417-864-2080)

City of Springfield, Missouri

Brownfields Consulting

Brownfields Revolving Loan Fund Grant BF-98788001

New Petroleum and Hazardous Materials Assessment Grants

Contract through February 27, 2022

Contact: David Holtman (417-864-1620)

Key Personnel

Chris Schaefer, CHMM – President/Consulting Services Manager

Responsible for overall administrative operations. Management of risk-based corrective action and remedial projects, including site characterization of soil and groundwater contaminant plumes, risk assessments, groundwater monitoring. Responsible for soil boring and monitoring well installation, soil vapor well installation, UST / AST closure sampling and reporting, spill response project management, Phase II ESA projects. Conducts domestic use of groundwater geologic evaluations and plume stability reporting. Prepares work plan proposals and cost estimates for risk-based assessments, including all aspects of work required to obtain regulatory closure. Interfaces with clients, regulatory personnel, and funding entities through project completion. Participates in peer review of reports and proposals for consulting staff. Responsible for the implementation and operation of remediation systems involving petroleum contaminated groundwater.

Years of Experience: 12

Education: B. S. Geology, Minor in Chemistry

Current Certifications/Registration(s): Certified Hazardous Materials Manager (CHMM)

Additional Training & Qualifications: ASTM Site Characterization Training; Arkansas Department of Environmental Quality, Underground Storage Tank Removal; ITRC Light Non-Aqueous-Phase Liquids; Science Management and Technology OSHA 40-hour Hazardous Waste Operator Training, Standard 1910.120 OSHA HAZWOPER 8-hour Refresher Training, Standard 1910.120, Annually

Neal Farrar, R.G., P.G. – Vice President/Principal Geologist

General manager of drilling operations and geologic/hydrologic investigations. Develops field investigation strategies for contaminant plume delineation and remediation design and implementation. Responsible for completion and review of MRBCA risk assessments, domestic use of groundwater evaluations, Phase I/II ESAs, site characterization, and spill response reporting. Prepares work plan proposals and cost estimates for risk-based assessments including all aspects of work required to obtain regulatory closure. Interfaces with clients, regulatory personnel (federal and state), and funding entities. Reviews risk assessments, Phase I/II ESA reports. Oversees geothermal well field installation projects. Responsible for oversight of drilling staff and health and safety issues for drilling operations.

Years of Experience: 32

Education: B.S. Geology, Southeast Missouri State University Graduate Course Work in Hydrogeology and Contaminant Hydrogeology, Emporia State University

Current Certifications/Registration(s):

- Registered Geologist Missouri
- Professional Geologist Illinois
- Professional Geologist Arkansas
- IGSHPA Certified
- OSHA 40-hour Hazardous Waste Operator Training, Standard 1910.120
- OSHA HAZWOPER 8-hour Refresher Training, Standard 1910.120, Annually

Bruce Trimble – Senior Consultant/Geoprobe Services Manager

Management of risk-based projects, including site characterization of soil and groundwater contaminant plumes, risk assessments, groundwater monitoring. Oversees geoprobe operations and maintenance. Responsible for soil boring and monitoring well installation, soil vapor well installation, Geoprobe injection remedial projects, UST closure sampling and reporting, spill response project management, performance of Phase II ESAs. Installs and maintains vapor extraction units for remedial projects. Prepares work plan proposals and cost estimates for risk-based assessments, including all aspects of work required to obtain regulatory closure. Interfaces with clients, regulatory personnel, and funding entities through project completion. Reviews reports and proposals for consulting staff. Conducts lead-based paint assessments and asbestos inspections.

Years of Experience: 22

Current Certifications/Registration(s):

- Missouri Lead Inspector and Risk Assessor Missouri Asbestos Inspector
- Missouri Well Driller Arkansas Department of Environmental Quality
- Arkansas Asbestos Inspector
- Arkansas Well Driller
- Arkansas Underground Storage Tank Contractor
- Kansas Underground Storage Tank Removal Contractor
- Kansas Well Contractor – Rig Operator

Other Experience & Qualifications: OSHA 40-hour Hazardous Waste Operations **Training**; OSHA HAZWOPER 8-hour Refresher Training, Annually; Missouri Risk-Based Corrective Action (MRBCA); MDNR Water Sampling – Lead/Cadmium; ASTM Site Characterization Training; Fungal & Microbial Training

Amy Shelburn-Zarins, CHMM – Environmental Professional and Waste Manager

Responsible for Phase I and Phase II ESA projects and NEPA evaluations. Participates in peer review of reports and proposals for consulting staff. Prepares work plans and cost estimates for Phase I/II ESAs and remedial work as required. Conducts special project evaluations as chemist for health and safety and disposal considerations. Assists with decommissioning manufacturing facilities. Spill response project management. Manages waste disposal department, oversees packaging and transportation of materials. Ms. Zarins is experienced in RCRA and DOT requirements for waste management, waste characterization, generator requirements, manifesting and shipping of wastes. Interfaces with regulatory agencies and disposal facilities regarding hazardous waste/non-hazardous waste disposal and reporting.

Years of Experience: 5.5

Education: B.S. Chemistry, Minor in Biology

Current Certifications/Registration(s): Certified Hazardous Materials Manager (CHMM), 2017

Other Experience & Qualifications: Phase I/II Environmental Site Assessment ASTM E1527-13 / E1903-11 Training Department of Transportation, Hazardous Materials Transportation Certification OSHA 40-hour Hazardous Waste Operator Training, Standard 1910.120 OSHA HAZWOPER 8-hour Refresher Training, Standard 1910.120, Annually

David Powell R.G., CHMM Registered Geologist/Environmental Consultant

Management of Missouri Risk-Based Corrective Action (MRBCA) Projects including site characterization, logging of soil borings and monitoring wells, creation of site conceptual models, groundwater monitoring and sampling, Tier 1 and II Risk Assessments, LNAPL conceptual site models, LNAPL recovery plans, corrective action workplans, corrective action systems, COC concentration plume stability analysis, UST closures, bedrock evaluations, domestic use of groundwater evaluations, and correspondence with regulatory agencies and client. Performs Phase I/II site assessments, PrePurchase Audits (PPAs) for property transactions and other site evaluations performed for Missouri regulatory agencies; emergency spill response consulting and project management; and management, calibration, and maintenance of direct reading field screening instruments.

Years of Experience: 11

Education: B.S. Geology, Minor in Chemistry

Current Certifications/Registration(s):

- Missouri Registered Geologist
- Certified Hazardous Materials Manager (CHMM)

Other Experience & Qualifications: OSHA 40-hour Hazardous Waste Operator Training, Standard 1910.120; OSHA HAZWOPER 8-hour Refresher Training, Standard 1910.120, Annually; MDNR Plume

Stability/Tanks MRBCA Training; AHMP Essentials of Hazardous Materials Management; MDNR Assessing Vapor Intrusion Risk

Jesse Carmack, Abatement Services Manager

Management of abatement and remediation services, including asbestos abatement, asbestos inspection, asbestos air monitoring, lead/heavy metal paint and dust abatement, mold remediation, mold air monitoring, radon gas mitigation, radon gas inspection, biological contamination remediation, as well as ensuring compliance with all applicable state and federal regulations.

Years of Experience: 15

Current Certifications/Registration(s):

- Missouri & Arkansas Asbestos Inspector
- Missouri Air Sampling Professional
- EPA Lead RRP 40 CR Part 745.225
- OSHA 40-hour Hazardous Waste Operator Training, Standard 1910.120
- OSHA HAZWOPER 8-hour Refresher Training, Standard 1910.120, Annually
- Missouri & Arkansas Asbestos Abatement Supervisor
- Missouri Lead Inspector and Risk Assessor
- Kansas Lead Inspector and Risk Assessor
- STS Mold Remediation Specialist Training
- OSHA 10-hour Construction Safety and Health
- Project Management Training
- 40 CFR Part 382.603 Supervisory Drug and Alcohol Misuse Recognition

George Van Hoesen, Solar Division Manager

Management of solar division for residential, commercial, industrial installations and utility solar farm installations. Responsible for client and project development. Oversees and manages solar division personnel, logistics and project coordination. Conducts training of project managers, crew staff and temporary employees. Serves as liaison with manufacturers, suppliers, transporters for timely delivery of materials. Coordinates with client, staff, general contractors and subcontractors for timely completion of projects.

Years of Experience: 20 + in solar and green building applications

Education: BS - Business Administration, Management, Math & Computer Science

Masters of Natural and Applied Science – Community Planning & Environmental Design

Representative Client List

Associated Wholesale Grocers

Springfield, Missouri

Burns & McDonald

Kansas City, Missouri

Carnahan, Evans, Cantwell & Brown

Springfield, Missouri

Casey's Marketing Company

Ankeny, Iowa

City Utilities of Springfield

Springfield, Missouri

College of the Ozarks

Point Lookout, Missouri

Dairy Farmers of the Ozarks

Springfield & Cabool, Missouri

Federal Aviation Administration

Kansas City, Missouri

Hydrogeologic, Inc.

Kansas City, Missouri

John Deere Reman

Springfield, Missouri

Kansas City Southern Railroad

Kansas City, Missouri

Kum N Go

Des Moines, Iowa

Hosmer, King, & Royce

Springfield, Missouri

MFA, Incorporated

Columbia, Missouri

Mercy Hospital

Springfield, MO

Missouri Department of Conservation

Jefferson City, Missouri

Missouri Department of Natural Resources

Jefferson City, Missouri

Missouri Department of Transportation

Springfield, Missouri

Missouri State University

Springfield, Missouri

Northrop Grumman

Baltimore, Maryland

OAFMDC

Jefferson City, Missouri

O'Reilly Automotive

Springfield, Missouri

Rickett-Benckizer

Springfield, Missouri

Solar Transport

West Des Moines, Iowa

Southeast Missouri State University

Cape Girardeau, Missouri

Springfield Remanufacturing Corporation

Springfield, Missouri

Terracon

Lenexa, Kansas

3M

Nevada & Springfield, Missouri

United Parcel Service

Springfield, Missouri

USACE

Fort Leonard Wood, Missouri

Williams Energy

Tulsa, Oklahoma

White River Valley Electric Coop

Branson, Missouri