

Maggie P. Weems, PE

Water Team Lead

Senior Engineer 1 – Environmental

Professional Summary

Ms. Weems has experience performing a variety of projects in a multi-disciplinary working group. Primary technical competencies include due diligence assessments; FEMA RiskMAP program management and community outreach and mitigation strategies; contaminated site corrective action planning and implementation; ADEM Voluntary Cleanup Program management; UST assessments and compliance management; groundwater quality assessment and monitoring; mercury spill remediation; EPA Brownfield Grant implementation; and stormwater-related services such as stormwater management programs, stormwater ordinances, permitting, BMP plans, and NPDES compliance monitoring. In addition to technical functions, management experience includes EVM, project cost estimation, budget and schedule management, management of personnel and allocation of resources, interaction with regulatory agencies on behalf of clients, and maintaining familiarity with current environmental regulations.

Core Skills

Site Investigation/Due Diligence

Soil and Groundwater Assessment and Remediation

Project Management

Qualifications

Education

- Bachelor of Science, Science, Birmingham-Southern College, 2008
- Bachelor of Science, Civil Engineering, University of Alabama at Birmingham, 2008
- Master of Science, Civil Engineering, University of Alabama at Birmingham, 2011

Registrations / Certifications / Licenses

- Professional Engineer, AL, 37591

Training

- OSHA HAZWOPER 40-Hour and Annual Refreshers
- CPR/AED and First Aid, 2018

Years of Experience

11 (3 with Wood)

Office of Employment

East US – Birmingham

Professional Associations

- Member, American Society of Civil Engineers

Areas of Expertise

- 23 – Environmental Engineer (2 – Intermediate)

Wood Experience

Project Controls Lead.

Confidential project (2018-ongoing). Responsible for project setup and tracking, budget, schedule, EVM, procurement, invoicing and accruals, project management plans, cash flows, document registers, subcontract management, internal work orders, meeting minutes, interface with the client's website, and maintaining compliance with client procedures and processes.

Project Manager.

ALDOT CBD Environmental, Alabama Department of Transportation, Birmingham, AL, United States; \$268,579; (2015-ongoing). Manages excavated foundry sand fill material resulting from revitalization of Central Business District (CBD) interstate routes through Birmingham by providing routine inspection of the fill stockpiles, sampling and analyzing the excavated material, completion of solid waste profile forms, coordination with ADEM on disposal approval, and providing guidance to the contractors on disposal options.

Project Manager.

FY16 Discovery for Pickwick Lake and Lower Coosa Watersheds and FY17 Discovery for Lower Tallapoosa Watershed, State of Alabama, Montgomery, AL, United States, \$234,552, (2017-ongoing). Manages preparation of Discovery reports and related deliverables for Pickwick Lake, Lower Coosa, and Lower Tallapoosa Watersheds, which includes development of Discovery Reports, Discovery Maps, Community Assessment Tools, Community Engagement Plans, interface with FEMA, and overseeing logistics, notifications, agendas, and information development for Discovery Meetings.

Project Manager/Assistant Project Manager.

Risk MAP Community Outreach and Program Management, State of Alabama, Montgomery, AL, United States, \$1,132,552 (ongoing). Project manager for and assists client project manager with services related to community engagement and risk communication (CERC), community outreach and mitigation strategies (COMS) activities, and program management as part of FEMA's Risk MAP program to include five-year business plans, quarterly reports, outreach activities and engagement plans, mitigation planning and technical assistance, key influencer assessments, watershed and community assessments, action identification and advancement, relationship management plans, and programmatic QA/QC.

Project Manager.

Green Infrastructure Master Plan, City of Auburn, Auburn, AL, United States, \$149,951, (2017-ongoing). Development of a Green Infrastructure Master Plan as a framework to implement green infrastructure practices into local stormwater management, which includes a policy and standards review and recommendations; design standards, guidance, and specifications; pilot project planning and conceptual design; and education of and assistance to the local community.

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Assistant Project Manager.

Post-Construction Stormwater Management Consulting, City of Birmingham, Birmingham, AL, United States, \$778,850, (2016-ongoing). Assisting with the development of a comprehensive program for post-construction stormwater management for the City of Birmingham, AL. Phase 3 of the project includes completion of a post-construction stormwater ordinance and associated stormwater manual, ordinance adoption, and post-construction program implementation.

Project Manager.

UST Trust Fund, ADEM, Various Sites, AL, United States, \$500,000+, (2015-2018). Performed UST Trust Fund Contractor duties for various sites to include installation of soil borings and monitoring wells; groundwater sampling; corrective action remediation events; data analysis; development of future corrective action activities; reporting, budget and project management activities; and coordination with ADEM, the UST owner, the property owner, and others.

Project Manager.

Former Avondale Mills Environmental Consulting, City of Pell City, Pell City, AL, United States, \$28,253 (2015-2018). Various environmental assessments at a former cotton mill and dye plant facility including a Phase II ESA and modified risk assessment as well as related consulting including development of recommendations for future work, reporting, and presentations summarizing site work and results to both the St. Clair County Commission and the City of Pell City Council.

Environmental Professional (per ASTM 1527-13).

Environmental Site Assessments, Various Clients, Alabama, United States, (ongoing). Environmental Professional conducting site visits and performing reporting for clients such as CSX Transportation, Norfolk Southern Corporation, D.R. Horton, and Southpace Properties in Alabama, Mississippi, and Georgia. Sites include small-lot urban commercial, multi-family rural residential, and multi-acre, heavy industrial developments.

Other Experience

- City of Talladega, Talladega, AL and Freshwater Land Trust, Birmingham, AL. Project Manager for \$1,000,000 in EPA Brownfield Assessment Grants, which included performing and reporting for Phase I and Phase II ESAs, development of Quality Assurance Project Plans (generic and site-specific), Health & Safety Plans, EPA reporting (quarterly, semi-annually, and annually), outreach development (organizing public meetings and presenting), Community Involvement Plans, property owner and client coordination, metrics analysis, and all invoicing and budget tracking.
- Confidential Client, Various Locations in AL, GA, MS, and TN. Portfolio Manager for 131 Desktop Reviews and 89 Phase I ESAs for a sale-leaseback portfolio of restaurant properties, which included management of a team of 20 assessors, client/counsel coordination, development of recommendations letters, and regular project status updates.

Professional History

- Wood Environment & Infrastructure Solutions, Inc.; Birmingham, AL (2015)
- Terracon Consultants, Inc. (previously Gallet & Associates, Inc.); Birmingham, AL; Environmental Engineer, Phase I ESA Group Manager (2007 to 2015)

Additional Qualifications

Presentations

- *State of Stormwater: History, Transitions, and Opportunities*. Alabama Association of Floodplains Managers 2018 Fall Conference. Orange Beach, AL. October 24, 2018.
- *Capturing a More Complete Picture of Your Watershed: An Overview of the Discovery Process and Lessons Learned*. Alabama Association of Floodplains Managers 2017 Fall Conference. Orange Beach, AL. September 26, 2017.
- *From A to LOC: A Programmatic Walkthrough of the VCP Process*. 1st Annual Environmental Professionals Conference. Birmingham, AL. May 2, 2017.
- *Brownfields Redevelopment 101: What are My Options?* Birmingham Environmental Professionals Association. Birmingham, AL. October 7, 2016.
- *Beyond AAI: Tools Tips & Technology*. ADEM Brownfield Conference. Montgomery, AL. June 7, 2016.
- *Brownfields Leveraging: Interactive Perception and Reality*. ADEM Brownfield Conference. Montgomery, AL. July 15, 2015.
- *Positioning for Sustainable Redevelopment*. ADEM Brownfield Conference. Montgomery, AL. April 8, 2014.

Memberships

- ACE Mentor of Alabama Executive Board, President. Past Curriculum Chair.
- American Society of Civil Engineers, Chair of national Committee on Pre-College Outreach.
- American Society of Civil Engineers, Vice President of Alabama Section. Past Executive Officer for Birmingham Branch Younger Members Forum (2009-2012), Executive Officer for Birmingham Branch (2012-2016), and Alabama Section Secretary/Treasurer (2015-2016).
- Freshwater Land Trust Junior Board. Member.