October 16, 2025

City of Madison
100 Hughes Road
Madison, Alabama 35758

Attention: Ms. Gina Romine, ADEM Compliance Administrator

Reference: **Environmental Consulting Services**
FY2026 Wet-Weather Monitoring
City of Madison Municipal Separate Storm Sewer System
Madison, Madison County, Alabama
NPDES Permit ALS000014
S&ME Proposal No. 25820113

Dear Ms. Romine:

S&ME, Inc. is pleased to submit this proposal for environmental consulting services related to wet-weather monitoring for the City of Madison Municipal Separate Storm Sewer System (MS4). This proposal describes our understanding of the project, discusses the intended Scope of Services, outlines the project schedule, and presents the associated compensation for our services.

♦ Project Information

The individual Phase II National Pollutant Discharge Elimination System (NPDES) Permit ALS000014 (Permit) for storm water discharges from the Madison MS4 was issued to the City of Madison with an effective date of November 1, 2020. NPDES Permit ALS000014 currently covers all urbanized areas within the corporate boundaries of the City of Madison.

The Madison MS4 indirectly discharges to three waterbody segments with approved Total Maximum Daily Loads (TMDLs) and one waterbody segment identified on the 2022 303(d) list, as shown in Table 1 below.

Table 1 - Portions of Impaired Watersheds within the MS4

Watershed	Impaired Segment	Type	Pollutant	City Area in Watershed (mi^2)
Indian Creek	AL06030002-0501-110	TMDL	Siltation	0.71
Indian Creek	AL06030002-0501-110	TMDL	$CBOD_u$, NBOD	0.71
Indian Creek	AL06030002-0501-110	TMDL	Pathogens (E. coli)	0.71

Watershed	Impaired Segment	Type	Pollutant	City Area in Watershed (mi^2)
Indian Creek	AL06030002-0505-102	TMDL	Pathogens (E. coli)	4.94
Limestone Creek	AL06030002-0703-102	TMDL	Siltation	1.44
Limestone Creek	AL06030002-0703-102	303(d)	Pathogens (E. coli)	1.44

Part III of the Permit requires that the permittee implement a monitoring program to address the identified impairments and the TMDLs. The Madison MS4 2023 Wet-Weather Monitoring Program was submitted to Alabama Department of Environmental Management (ADEM) in May of 2023 and requires quarterly monitoring of six tributaries that discharge to the affected waterbodies. The collected monitoring data and an analysis of the data must be included in the Annual Reports, due to ADEM by January 31 each year.

S&ME understands the City of Madison is requesting that S&ME perform the required quarterly wet-weather monitoring during the 2026 fiscal year.

♦ Scope of Services

Wet-Weather Monitoring

This proposal includes the following monitoring periods:

- Quarter 4 of 2025: October 2025 to December 2025
- Quarter 1 of 2026: January 2026 to March 2026
- Quarter 2 of 2026: April 2026 to June 2026
- Quarter 3 of 2026: July 2026 to September 2026

S&ME will conduct wet-weather monitoring once per quarter at the seven locations identified in Table 2 below. A map showing the proposed monitoring locations is included as Figure 1.

Table 2 - Monitoring Point Coordinates

Sample ID	Latitude	Longitude	Location	Tributary
Lower Indian Creek (AL06030002-0505-102)				
1	34.699018°	-86.717555°	Shelton Rd, Shelton Park Apartments	IC-UT-2
2	34.699619°	-86.711449°	Morning Vista Drive, lift station	IC-UT-3
3	34.725752°	-86.706231°	Slaughter Rd, lift station	IC-UT-6/7
4	34.749573°	-86.714513°	Slaughter Rd, Mountain View	IC-UT-8

Sample ID	Latitude	Longitude	Location	Tributary
Upper Indian Creek (AL06030002-0501-110)				
5	34.755909°	-86.728246°	Hwy 72, Madison Golf Carts	IC-UT-1
Limestone Creek (AL06030002-0703-102)				
6	34.757978°	-86.746764°	Uptown Dr, lift station	KC-UT-2
7	34.749613°	-86.760797°	Brookridge Dr, south of Hwy 72	KC-UT-1

Sample Collection

As required by the 2023 Wet-Weather Monitoring Program, wet-weather monitoring will be conducted within 48 hours of a qualifying rain event of at least 0.50 inch. A qualifying rain event will be determined based on rainfall data reported at a minimum of three locations across the Madison MS4. If a qualifying rain event is not observed during the quarter, S&ME will sample to determine dry weather concentrations for comparison to monitoring events conducted after a qualifying rain event.

The following observations will be documented in the field at each monitoring location:

- Monitoring point ID
- Date and time
- Person conducting the sampling
- Equipment used
- Depth of sample collection
- Weather conditions
- Waterbody conditions
- Field parameters (turbidity, pH, DO, temperature)

Laboratory Analysis

The surface water samples collected for laboratory analysis will be placed in laboratory-supplied containers, labeled, placed in an insulated container with ice if appropriate, and transported to the analytical laboratory accompanied by completed chain-of-custody documentation. Samples collected will be analyzed for the following parameters:

- Total Suspended Solids (TSS)
- E. coli

In accordance with the 2023 Wet-Weather Monitoring Program, a minimum of one field duplicate will also be submitted to the laboratory.

Monitoring Report

A report documenting the wet-weather monitoring event will be prepared each quarter upon completion of the fieldwork and laboratory analyses. Each quarterly report will include the sampling methods and locations, field

observations and measurements, the results of the laboratory analyses, and a discussion of the results. The quarterly reports will be submitted to the City for inclusion in the Annual Report submittal.

♦ Client Responsibilities

To perform the Scope of Services listed above, S&ME will require the following:

- Site access
- Notification of the public where necessary
- Vegetation clearing at the monitoring points

♦ Excluded Services

Without attempting to be a complete list or description, the following services are specifically excluded from this proposal:

- Assessment of compliance with regulations other than the NPDES Phase II Individual MS4 Permit
- Outfall inspections associated with Illicit Discharge Detection and Elimination efforts
- Storm sewer mapping and/or outfall identification
- Investigation of potential illicit discharges
- Corrective actions and/or enforcement measures
- Survey of existing storm water infrastructure or features other than outfalls
- Data entry into the City of Madison GIS

♦ Compensation

Based on the information provided to us and the activities as described under the Scope of Services outlined above, S&ME proposes the following lump-sum budgets:

Table 3 - FY2026 Lump Sum Fees

Task	Unit Fee	Units	Total Annual Fee
Quarterly Monitoring (7 locations)	$3,080	4	$12,320
Quarterly Monitoring Report	$2,380	4	$9,520
		Total for FY2026	**$21,840**

Invoices will be prepared quarterly, following completion of the monitoring report for each event. The proposed budgets will not be exceeded without prior authorization from you. Any additional activities, required or requested, will be accomplished on a negotiated basis.

♦ Authorization

An Agreement for Services (AS-071) is attached and incorporated as a part of this proposal. Please sign and return both copies to our office in the self-addressed stamped envelope. Upon receipt of the signed agreement, we will execute both copies, return one to you, and proceed with the performance of our services. Any changes or modifications to AS-071 or the proposal are required to be acknowledged by both parties initialing acceptance of this proposal and agreement for services next to the change or modification.

If you elect to accept our proposal by issuing a purchase order, then please specifically reference this proposal number and date. Your purchase order will be an acceptance of our Agreement for Services and an authorization to proceed with the performance of our services. The terms and conditions included in any purchase order shall not apply, and are hereby specifically rejected, as our agreement is for services which are not compatible with purchase order agreements.

♦ Closing

This proposal is solely intended for the services described in the Scope of Services. The Scope of Services may not be modified or amended, unless the changes are first agreed to in writing by the City of Madison and S&ME. Use of this proposal and corresponding final report is limited to the above-referenced project and client. No other use is authorized by S&ME.

S&ME appreciates the opportunity to offer our services to the City of Madison for this project. If you should have questions concerning this proposal, or if additional information is required, please contact us.

Sincerely,

S&ME, Inc.

Emily Jo Kennedy
Senior Scientist

Sarah L. Yeldell, P.E.
Project Engineer

Deborah J. Jones, P.E.
Senior Engineer

Attachments: Figure 1 Monitoring Locations
Agreement for Services (AS-071)

WET-WEATHER MONITORING POINTS

CITY OF MADISON, ALABAMA MUNICIPAL SEPARATE STORM SEWER SYSTEM
NPDES PERMIT NO. ALS000014

MP-1
MP-2
MP-3
MP-4
MP-5
MP-6
MP-7

Knox Creek
KC UT (3)
KC UT (2)
KC UT (1)
BF UT (1)
BF UT (3)
BF UT (2)
MC UT (4)
MC UT (3)
MC UT (2)
MC UT (1)
Bradford Creek
Mill Creek
IC UT (1)
IC UT (8)
IC UT (7)
IC UT (6)
IC UT (5)
IC UT (4)
IC UT (3)
IC UT (2)
BS UT (2)
Indian Creek

Balch Rd
Wall Triana Hwy
Nance Rd
Jeff Rd
Hughes Rd
Slaughter Rd
Eastview Dr
Old Madison Pk
Browns Ferry Rd
Mill Rd

72
20
565

N

Legend

- Monitoring Points
- Madison MS4 Boundary
- MP-1 Catchment
- MP-2 Catchment
- MP-3 Catchment
- MP-4 Catchment
- MP-5 Catchment
- MP-6 Catchment
- MP-7 Catchment

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE US CENSUS BEREAU AND THE CITY OF MADISON. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

0 0.15 0.3 0.6 Miles

SCALE: 1:30,000
DATE: 5/15/2023
PROJECT NUMBER 23820121
FIGURE NO. 1