



EOM Operations
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March 4, 2019

Billy Beckett
Interim County Administrator
Effingham County
601 N. Laurel Street
Springfield, GA 31329

Re: Effingham County NPDES Phase II Permit Compliance 2019

Dear Mr. Beckett,

EOM Operations (EOM) appreciates the opportunity to present this proposal for services related to the completion and submittal of the County's 2019 National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Separate Storm Sewer System (MS4) Permit Annual Report.

Attached to this letter you will find the proposed scope, schedule and budget for this project as Attachment A. Additionally, attached to this letter you will find a copy of the unit rates as Attachment B should additional work be requested. If this proposal is acceptable, please sign below and return it to me at your convenience

Sincerely,

A handwritten signature in black ink that reads "Michael Coon".

Michael Coon
Regional Director
EOM Operations

Approval: _____

A handwritten signature in blue ink, appearing to be "G. Jim [unclear]".

Date: _____

4/4/2019



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Attachment A

PROPOSED SCOPE OF SERVICES/FEES

Task 1.0 - Planning Meetings

EOM staff will meet with County staff during the first quarter of the reporting period to discuss project tasks and ensure all are properly planned. During this meeting EOM will provide the County an activity summary which will outline all tasks that will need to be completed prior to the December 31, 2019 deadline. The activity summary is a summary of the best management practices (BMPs) in the County's Stormwater Management Program (SWMP). In addition, a meeting will be scheduled prior to the end of the permit year to discuss the SWMP and ensure that all tasks are complete or scheduled for completion.

Task 2.0 & 2.1 - 2018-2019 Annual Report Production for Delivery to EPD

After the December 31, 2019 deadline, EOM will contact County staff to collect information on programs implemented during the 2019 reporting period. This documentation will be used to develop the County's Annual Report for submittal to EPD by February 15, 2020. Prior to submittal, an electronic copy of the Annual Report will be provided to the County for review and comment. Once the County finds the report acceptable, EOM will submit the Annual Report to EPD. *If EPD has comments on the Annual Report, EOM will address the comments on an hourly basis, in accordance with rate schedule in Attachment B.*

Task 3.0 & 3.1 - Illicit Discharge Detection & Elimination (IDDE) Inspections

In accordance with the County's approved SWMP, the County is required to complete Dry Weather Screening on 20% of the total number of outfalls within the county limits that outfall to Waters of the State annually. The table below breaks down the number of outfalls that will need to be Dry Weather Screening in order for the City to remain in compliance for the 2019 reporting period:

Dry Weather Screening

Total Number of Outfalls (per SWMP)	43
Number of Outfalls to be Screened (20% of total)	9

Dry weather screening will be performed according to the County's dry weather screening procedures approved by the EPD. The EPD approved dry weather screening checklist will also be filled out for each outfall visited and inspected. The checklists will be delivered in a format that can be easily inserted into the County's NPDES Phase II 2019 Annual Report.



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If a dry weather discharge is present, a visual observation of the flows odor, color, turbidity, and floatables will be noted. Also, a sample will be collected and tested per EPD requirements for temperature, pH level and specific conductivity utilizing an in-situ water quality meter. Finally, a sample will be collected and analyzed for fluoride and surfactants by a laboratory. If the in-situ measurement or visual observations indicated potential sewage, a fecal coliform grab sample will be collected and analyzed by a laboratory.

Source Tracing

Source tracing activities will need to be completed if the dry weather screening data indicates that there is a potential water quality impairment present. The County will be notified immediately if the in-situ parameters or laboratory results indicate that there is a potential illicit discharge prior to beginning any source tracing activities. EOM will not initiate source tracing activities without prior authorization of the County.

Source tracing will involve following the MS4 system "upstream" in an attempt to identify the source of the non-stormwater discharge. Please note that the NPDES Phase II permit requires that the County to source trace 100% of the identified illicit discharges and notify the illicit discharger to cease the activity, if the source tracing clearly documents the source. In the event that the source cannot be definitively identified, the County is only required to document the activities undertaken and the findings. All the source tracing work should be performed according the EPD approved Source Tracing Procedures included in the County's SWMP.

Source tracing is considered out-of-scope. In the event that EOM performs a source tracing work effort, the estimated cost for EOM to conduct the work will be based on a "per source tracing exercise". If the illicit discharge source cannot be clearly identified within a three hour time frame, the work will be documented and provided to the County for approval of further investigation.

Task 4.0- MS4 Inspections

In accordance with the County's approved SWMP, the County shall inspect the MS4 system in urbanized areas at the rate of 20% of the total structure inventory annually. EOM will complete a visual inspection and record the data. The inspection records will be summarized in an excel spreadsheet and submitted with the Annual Report.

SCHEDULE

All compliance activities are scheduled to be completed by December 31, 2019. The Annual Report will be completed and ready to submit by February 15, 2020.



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FEE ESTIMATE

EOM proposes to perform the scope of work detailed above for the fees outlined below:

Task 1.0 – Planning Meetings	\$600 (Lump Sum)
Task 2.0 – 2018 Annual Report Production	\$4,700 (Lump Sum)
Task 2.1 - Address EPD Comments	(Hourly if Required)
Task 3.0 – Dry Weather Screening	\$1,000 (Lump Sum)
Task 3.1 - Source Tracing	(Hourly if Required)
Task 4.0 – MS4 Inspections	\$2,900
Total Contract Amount \$9,200	



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OPERATIONS

Attachment B

ADDITIONAL SERVICES HOURLY RATES

Engineering Division Manager	\$140.00/Hr
Professional Engineer	\$110.00/Hr
Junior Engineer	\$90.00/Hr
Sr. Project Manager	120.00/Hr
Project Manager	100.00/Hr
Field Technician	65.00/Hr
Administrative Assistance	45.00/Hr