

**RESOLUTION NO. 2021-84**

**WHEREAS**, the Township Council of the Township of Aberdeen is in need of professional LSRP engineering services associated with the Strathmore Area Pump Station; and

**WHEREAS**, CME Associates submitted a proposal on January 25, 2021 for aforementioned LSRP engineering services for a cost not to exceed the sum of \$49,750.00; and

**NOW, THEREFORE, BE IT RESOLVED** by the Township Council of the Township of Aberdeen that the Manager and Clerk are authorized to execute an agreement with CME Associates for a cost not to exceed the sum of \$49,750.00, in accordance with a proposal dated January 25, 2021, attached hereto and made part of this resolution.

This agreement is made without competitive bidding as a “professional service” under the provisions of the Local Public Contracts Law, N.J.S.A. 40A:11-5(1)a(I).

**BE IT FURTHER RESOLVED** the Director of Finance has certified to the Township Manager that there are available sufficient funds for the purpose of award of this contract in the Capital Budget under the following line item appropriation of said budget to which this contract will be properly charged: 1-16-1-103-261.



JOHN H. ALLGAIR, PE, PP, LS (1983-2001)  
DAVID J. SAMUEL, PE, PP, CME  
JOHN J. STEFANI, PE, LS, PP, CME  
JAY B. CORNELL, PE, PP, CME  
MICHAEL J. McCLELLAND, PE, PP, CME  
GREGORY R. VALESI, PE, PP, CME

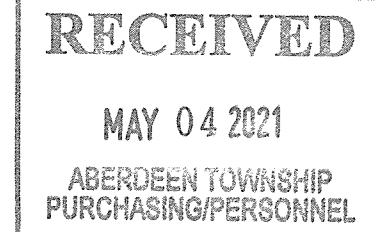
TIMOTHY W. GILLEN, PE, PP, CME  
BRUCE M. KOCH, PE, PP, CME  
LOUIS J. PLOSKONKA, PE, CME  
TREVOR J. TAYLOR, PE, PP, CME  
BEHRAM TURAN, PE, LSRP  
LAURA J. NEUMANN, PE, PP  
DOUGLAS ROHMEYER, PE, CFM, CME  
ROBERT J. RUSSO, PE, PP, CME  
JOHN J. HESS, PE, PP, CME

1-16-1-103-261

January 25, 2021

Mr. Bryan A. Russell, QPA - Township Manager  
Township of Aberdeen  
One Aberdeen Square  
Aberdeen, New Jersey 07747

Re: **Proposal – LSRP Services  
Ecological Evaluation  
Strathmore Area Pump Station  
Block 6 Lot 50.02  
Township of Aberdeen, Monmouth County**



Dear Mr. Russell:

CME Associates (CME) is pleased to submit this proposal for Licensed Site Remediation Professional (LSRP) services related to the Strathmore Area Pump Station site in Township of Aberdeen (Block 6 Lot 50.02).

### Background

Site contamination from historic operations impacts soil, sediment, surface water, and groundwater in several areas of concern. The Township previously retained Behram Turan, P.E., LSRP of CME Associates as the Licensed Site Remediation Professional (LSRP) to direct remedial activities pursuant to the *Administrative Requirements for the Remediation of Contaminated Sites* (N.J.A.C. 7:26C) and the *Technical Requirements for Site Remediation* (N.J.A.C. 7:26E). CME issued a Remedial Investigation Report (RIR) in May 2016 and a Remedial Action Workplan (RAW) in July 2019. A Classification Exception Area (CEA) for groundwater contamination was established on May 23, 2019. Groundwater monitoring pursuant to a previous Township authorization is ongoing.

Based on its review of the RIR and RAW, NJDEP requested additional assessment of potential impacts to ecological receptors. This proposal includes tasks to conduct additional sampling in freshwater wetlands and Mohingson Brook and update the required Ecological Risk Assessment for the site. This work is in addition to the scope of LSRP services previously authorized by the Township.

A 2-year extension to the remedial action regulatory timeframe was previously requested, and the deadline for completion of a remedial action is May 7 2023.



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## Scope of Services

### Task 1: Field Sampling

Additional samples will be collected to evaluate potential impacts to ecological receptors in accordance with NJDEP technical requirements and applicable regulations.

- Ten (10) discrete soil samples will be collected in wetland areas and analyzed for contaminants of potential ecological concern including PAHs, PCBs, pesticides and metals.
- Twelve (12) surface water grab samples will be collected in Mohingson Brook and the site drainage ditch and analyzed for VOCs, PAHs, PCBs, and metals. Water quality indicator parameters including DO, ORP, pH, conductivity, temperature, and turbidity will be measured in the field at each surface water sample location.
- One (1) round of groundwater samples from existing monitoring wells will be analyzed for additional contaminants of potential ecological concern including PCBs, pesticides, and metals.

Samples will be collected in general conformance with the *Field Sampling Procedures Manual* (NJDEP SRP, Updated April 11, 2011) and the *Ecological Evaluation Technical Guidance* (NJDEP; 2018). Sample locations will be recorded with handheld GPS equipment. All samples will be analyzed in a State certified laboratory with standard turnaround time.

Analytical results will be tabulated and compared to applicable ecological screening criteria. Results will be plotted on appropriate site plans in accordance with reporting requirements. The Remedial Action Workplan (RAW) will be revised to document the additional sampling results.

### Task 2: Update Ecological Risk Assessment

Certain contaminated areas of concern at the site impact environmentally sensitive natural resources including wetlands, riparian zones, and streams. The April 2019 Ecological Risk Assessment (ERA) will be revised to include assessment of the additional soil, surface water, and groundwater samples. The ERA will address the following NJDEP concerns regarding the potential for impacts to ecological receptors at the site:

- Potential impacts to threatened and endangered species including the black crowned night heron.
- Potential impacts to surface water (Mohingson Brook) including evaluation of all contaminants of potential ecological concern with respect to upstream water quality.
- Potential impacts of contaminated groundwater discharge to surface water.
- Effect of regional water quality including pH conditions in surface water and sediment.



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- Evaluation of surficial contaminant migration pathway and impacts to wetland soils.
- Collect biological samples to assess site-specific contaminant uptake by receptors
- Update food chain models to evaluate potential impacts to upper level organisms (birds and mammals).

CME will retain the services of a specialized ecological consultant to assist in the assessment and coordinate with NJDEP regulators for acceptance of the revised ERA.

### Proposed Budget

The total estimated budget to provide the scope of services outlined above is \$49,750 as follows:

Task	Cost
Task 1: Field Sampling	\$29,375
Task 2: Update Ecological Risk Assessment	\$20,375
<b>Total</b>	<b>\$49,750</b>

The total cost includes an estimated \$32,200 in sub-contracted fees (laboratory services; rental field equipment; ERA consultant). The budget contained in this proposal is the firm's best estimate of the effort required to complete the Scope of Work outlined above. However, the client will be billed for the actual effort expended to implement the Scope of Work on a time and material basis.

### Limitations

CME assumes that the Township will directly pay the NJDEP annual remediation fees for the site. This proposal is limited to the scope outlined above. Depending on the findings, additional work may be required to comply with applicable regulations. This proposal does not include additional monitoring and biennial certifications in accordance with RAP conditions. If additional services are required for this project, CME will provide a separate proposal upon request.



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### Special Conditions for LSRP Services

- The ARRCS requires the person responsible for conducting a remediation to notify the NJDEP of any confirmed discharges of contaminants or condition of Immediate Environmental Concern ("IEC"). Please note that being an LSRP, as a State licensed professional, I will thus have the obligation to report any such conditions to the NJDEP without obtaining any prior approval from the client.
- LSRP will provide the required services in accordance with SRRA and has the obligation to submit, maintain and preserve the relevant documents.
- LSRP is not responsible for client's failure to disclose relevant information, perform SRRA obligations, fund remediation, and follow LSRP's recommended actions. Client's failure to perform these obligations may result in fines/penalties by the NJDEP.
- The issuance of RAO by LSRP is not a guarantee or warranty that the site is free of contamination, or that it will be accepted by the NJDEP.
- NJDEP may audit the RAO within three (3) years after the date the LSRP filed the RAO with the NJDEP. LSRP is not responsible for additional requirements imposed by NJDEP after review/audit, except to the extent they arise out of LSRP's negligence.

We look forward to working with the Township on this important project. Should you have any questions regarding this matter, please do not hesitate to contact this office,

Very truly yours,  
CME Associates

Behram Turan, PE, LSRP  
Principal

cc: Sandra Caceres, Director of Public Works/ Township of Aberdeen  
Michael J. McClelland, P.E., P.P., C.M.E./ CME Associates



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**Re:** **Proposal – LSRP Services**  
**Remedial Action**  
**Strathmore Area Pump Station**  
**Block 6 Lot 50.02**  
**Township of Aberdeen, Monmouth County**

The estimated budget for the Licensed Site Remediation Professional (LSRP) services related to implementation of an ecological risk assessment at the Strathmore Area Pump Station site in the Township of Aberdeen (Block 6 Lot 50.02) is \$49,750.

ACCEPTED BY:

TOWNSHIP OF ABERDEEN

PROPOSED BY:

CME ASSOCIATES

Behram Turan, PE, LSRP  
Principal

**Aberdeen Township**  
**Certification of Availability of Funds**

Date: 5/18/21

To: Karen Ventura, Township Clerk

From: Angela Morin

Re: Certification of Funds

Vendor: CME Associates

Project: LSRP Strathmore Pump Station

Amount: \$ 49,750.00

Account #: 1-16-1-103-261

Name of Account: LSRP Strathmore Pump Station

Resolution #: \_\_\_\_\_

Is this a change order? Yes No

Is this for

Capital

Operating

Submitted by:

Angela Morin 5/18/21  
Department Head

Date

Pursuant to N.J.S.A. 40A:4-57, N.J.A.C. 5:30-1.10,14.5, I hereby certify that as of 5/18/21 there are adequate funds available for the proposed expenditure. The balance in the above appropriation account will be encumbered for the proposed expenditure.

Angela Morin 5/18/21  
Angela Morin, CFO Date

This is to certify that the required funds needed in connection with the above are available in the budget.

Bryan A. Russell 5/18/21  
Bryan A. Russell, Twp. Mgr. Date