

RESOLUTION NO. 2018-75

WHEREAS, the Township Council of the Township of Aberdeen is in need of professional engineering and LSRP services associated with the remediation at the "Conservation Lot" at the Former South River Metals Products site.

NOW, THEREFORE, BE IT RESOLVED by the Township Council of the Township of Aberdeen that the Mayor And Clerk are Authorized to execute an agreement with CME Associates for a cost not to exceed the sum of \$129,685.00, in accordance with a proposal dated April 6, 2018, 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 that this resolution is subject to the Township Manager's certification of availability of Township of Aberdeen funds.



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

April 6, 2018

Ms. Holly Reycraft, Township Manager
Township of Aberdeen
One Aberdeen Square
Aberdeen, New Jersey 07747

**Re: Proposal – LSRP Services
 Remedial Action – Conservation Lot
 Former South River Metal Products Site
 Block 39, Lot 1.01
 Our File: PAB00501.15**

Dear Ms. Reycraft:

CME Associates (CME) is pleased to submit this proposal for additional Licensed Site Remediation Professional (LSRP) services related to remediation of the Conservation Area at the former South River Metal Products site (Block 39 Lot 1.01). CME has been providing the Township with LSRP services for the site pursuant to the Administrative Requirements for the Remediation of Contaminated Sites (N.J.A.C. 7:26C).

BACKGROUND

Aberdeen Township and RPM Development (Aberdeen Enviro, LLC) are jointly conducting site remediation activities pursuant to a redevelopment agreement. The site is being remediated in accordance with the December 24, 2014 Remedial Action Workplan (RAW) and the November 25, 2015 RAW Addendum. CME has been providing construction oversight and LSRP services to ensure that the project complies with applicable regulations and permit conditions. Behram Turan, P.E., LSRP of CME is the LSRP of record for the site. Field activities related to soil remediation and restoration on the conservation lot are complete, and a remedial action report for soils is under preparation. Actual remediation and LSRP oversight costs have exceeded the projected costs, mainly due to increased quantities for contaminated soil and water disposal. Further action is required to issue a response action outcome (RAO) for soils and implement a remedial action for groundwater.

The remedial action is being funded in part through a Hazardous Discharge Site Remediation Fund (HDSRF) grant. The NJDEP and NJEDA previously approved \$766,408 toward remediation of the conservation lot. In November 2017, the NJDEP recommended approval of an additional \$545,767 in grant funds toward completion of the Conservation Lot remediation. Note that separate grants were awarded for the adjacent Residential Lots.



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SCOPE OF SERVICES

The scope of services includes tasks to complete the soil remedial action and implement a groundwater remedial action in the Conservation Lot.

Task 1: LSRP Services – Conservation Lot

This task includes LSRP services related to administrative completion of the soil remedial action in the conservation lot.

- 1.1 Remedial Action Report (RAR) - Soils: The remedial action report for soils will be finalized and filed with NJDEP pursuant to the requirements at N.J.A.C. 7:26E-5.7. The Case Inventory Document (CID) for the conservation lot will be updated in accordance with the requirements at N.J.A.C. 7:26E-1.6.
- 1.2 Receptor Evaluation: The receptor evaluation for the conservation lot will be updated pursuant to the requirements at N.J.A.C. 7:26E-1.12.
- 1.3 Response Action Outcome (RAO) – Soils: The LSRP will issue a RAO for the soils Areas of Concern (AOCs) on the conservation lot. A RAO for groundwater will be issued separately at the conclusion of the groundwater remedial action.

Task 2: Groundwater Remediation – Conservation Lot

CME will implement a groundwater remedial action in accordance with the December 2014 RAW, including the following activities:

- 2.1 Monitoring Well Installations: The monitoring well plan and well specifications presented in the RAW will be revised according to the as-built remediation conditions. A licensed well driller will be retained to install the monitoring wells in accordance with the requirements at N.J.A.C. 7:9D.
- 2.2 Quarterly Monitoring: Following installation of the new wells, quarterly groundwater and surface water sampling will be conducted to evaluate the post-remedial groundwater quality. This proposal includes eight (8) quarters of sampling. The monitoring program for the conservation and residential lots will be jointly implemented. Groundwater samples will be collected using low-flow methodology with appropriate measurement of field parameters. The laboratory analytical parameters will be as specified in the RAW monitoring program. Field and laboratory data will be evaluated on a quarterly basis to assess Monitored Natural Attenuation (MNA) as a feasible remedy in accordance with NJDEP technical guidance.
- 2.3 Remedial Action Report (RAR) – Groundwater: Following completion of the quarterly groundwater sampling, a remedial action report for groundwater will be prepared pursuant to the requirements at N.J.A.C. 7:26E-5.7. The Case Inventory Document (CID) for the site will be updated in accordance



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with the requirements at N.J.A.C. 7:26E-1.6. The RAR will be prepared for site-wide groundwater including both the residential and conservation areas.

- 2.4 Remedial Action Permit – Groundwater: Following completion of the quarterly groundwater sampling to evaluate MNA, and assuming MNA is determined to be a suitable remedy, an application for a Remedial Action Permit (RAP) for groundwater will be prepared and submitted to the NJDEP pursuant to the requirements at N.J.A.C. 7:26C-7.5. The RAP will apply to site-wide groundwater including both the residential and conservation areas.
- 2.5 Receptor Evaluation: At the completion of the groundwater remedial action, the receptor evaluation for groundwater will be updated pursuant to the requirements at N.J.A.C. 7:26E-1.12 & 1.14.
- 2.6 Response Action Outcome (RAO) – Groundwater: Following receipt of a Remedial Action Permit for Groundwater, the LSRP will issue a RAO for groundwater. The RAO will be issued for site-wide groundwater including both the residential and conservation areas.

BUDGET

The cost to complete the Scope of Services outlined above is as follows:

Task	Cost
Task 1: Remedial Action LSRP Services – Conservation Area	\$6,770
Task 2: Groundwater Remediation – Conservation Area	\$122,915
Total	\$129,685

Note that a percentage of the proposed consulting costs will be reimbursable through the approved HDSRF grant. The proposed budget includes an estimated \$65,443 for sub-contractor costs (licensed driller, State certified laboratory, and rental field equipment).

LIMITATIONS

The Scope of Services is limited to the tasks defined above. Remediation and permit fees are not included in this cost proposal and it is assumed that the Township will directly pay all applicable fees. The Scope of Services does not include annual monitoring and reporting related to wetland and riparian zone mitigation; a separate cost proposal will be submitted for these services.

SPECIAL CONDITIONS FOR LSRP SERVICES

- The enactment of the Site Remediation Reform Act (SRRA; N.J.S.A. 58:10C-1 et seq) on May 7, 2009, and the adoption of the Administrative Requirements for the Remediation of Contaminated Sites (ARRCS; N.J.A.C. 7:26C) on November 4, 2009 require that all new remediation cases



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follow the provisions of SRRA. A key requirement of these rules is that a Licensed Site Remediation Professional (LSRP) must oversee all new remediation cases.

- 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