

**CITY OF WEST ALLIS
AMENDED WORK ORDER #9**

TO: **AECOM TECHNICAL SERVICES, INC.**

DATE: **June 19, 2019**

PROJECT: **CITY OF WEST ALLIS NR 216 STORMWATER PERMIT COMPLIANCE**

SUBJECT: Stormwater Support Services

In accordance with Resolution No. 2019-0422 and the Agreement for Professional Services dated as of June 25, 2013 (the "Agreement"), you are directed to proceed with work on the Project as outlined below:

Work: See attached Amended Scope of Services dated June 3, 2019.

Estimate: \$9,100.00

Schedule: Work to commence immediately. To be completed as part of the Basic Services under the Agreement.

This Work Order, including any attachments, is incorporated into the Agreement. All work defined in this Work Order and payment therefor shall be performed in accordance with the terms and conditions of the Agreement, unless otherwise modified herein. Any modification(s) of this Work Order is subject to approval and acceptance pursuant to the Agreement.

Issued: CITY OF WEST ALLIS

Received and Approved: AECOM TECHNICAL SERVICES, INC.

By: Peter C Daniels
Peter C. Daniels, P.E.

By: Thomas J Holtan
Thomas J. Holtan, P.E.

Title: City Engineer

Title: Senior Project Manager

Date: 6/19/19

Date: 06/03/2019

COMPTROLLER'S CERTIFICATE
Countersigned this 21st day of June, 2019
and I certify that the necessary funds have been
provided to pay the liability that may be
incurred by the City of West Allis under this
Contract.

Peggy Steen
Peggy Steen, Director of Finance/Comptroller

PROFESSIONAL SERVICES AGREEMENT

AMENDMENT NUMBER 9 DATED June 19, 2019

Project Name: City of West Allis NR 216 Stormwater Permit Compliance

AECOM Project No.: 60309194/60303918

This Amendment to the Professional Services Agreement dated June 25, 2013 is by and between:

Client:

City of West Allis
7525 W. Greenfield Avenue
West Allis, WI 53214

and

AECOM Technical Services, Inc. (ATS)
1555 North RiverCenter Drive, Suite 214
Milwaukee, Wisconsin 53212

Who agree as follows:

Amending the original contract with the scope of services in Attachment A of this amendment. The total contract value will increase by \$9,100 from \$171,988 to \$181,088. CLIENT will pay on a time and material basis not to exceed the sum of \$181,088. ATS will invoice according to the per diem rates in effect at the time the services are executed.

In all other respects, the Agreement remains the same.

APPROVED FOR CLIENT

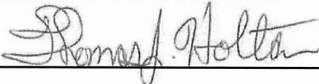
By: _____

Printed Name: _____

Title: _____

Date: _____

APPROVED FOR AECOM

By:  _____

Printed Name: Thomas J. Holtan, P.E.

Title: Senior Project Manager

Date: 06/03/2019

ATTACHMENT A AMENDED SCOPE OF SERVICES

City of West Allis NR 216 Storm Water Compliance
City of West Allis
June 3, 2019

Project Background

The City of West Allis joined the Menomonee River Watershed Permit Group on November 30, 2012. Under that permit, the city is required to undertake certain activities related to city-wide stormwater pollution reduction practices.

This Contract Amendment clarifies the status and modifies the Scope of Services from the original contract and previous Contract Amendments as follows:

Contract Amendment 9 – Amendment 9 includes:

- Adding Task 9.5 as described below:

9.5 2019 IDDE Field Screening and Report

Annual Field Screening Scope of Services

Initial Field Screening

To comply with part III.A.2.a. of the permit, AECOM will conduct a field screening at 1/5th of all major outfalls each year of the permit cycle (5-years). These outfalls include Outfalls HA-01, HA-10, HO-14, R-08, R-14, UW-03, UW-04, UW-30B, W-03B and W-03D. Screening will begin in the summer/fall of 2019. Each outfall visited will be documented on the Visual Inspection Form. Where flow is observed, AECOM will perform chemical testing on grab samples using portable CHEMetrics test kits to identify the presence and level of chlorine, phenols, copper, detergents, pH, and ammonia. This scope of services assumes at least 5 of the 10 outfalls will be active.

If one of the aforementioned test parameters exceeds a threshold, follow-up investigations will be conducted in upstream areas in an attempt to isolate the potential source of the pollutant(s). However, if an outfall has been screened in previous years and test results at the outfall are consistent with prior years testing and within acceptable ranges for all test parameters, follow-up investigations upstream will not be conducted. The thresholds to determine whether a follow-up investigation is warranted are as follows:

- A. pH < 6.0 or pH > 9.0
- B. Detergents > 0.50 mg/L
- C. Chlorine > 0.1 mg/L
- D. Phenols > 0.0 mg/L
- E. Copper > 0.1 mg/L
- F. Ammonia > 0.1 mg/L

Follow-Up Investigation

If an outfall tests positive for one (1) or more parameters of the above parameters, the field crew will test locations upstream of the outfall following system maps. The goal is to continue sampling upstream of the outfall to isolate the pollutant(s) of interest and dry weather flow to a single location. If the pollutant(s) of interest appears to be from a diffuse source, results will be reviewed for patterning prior to taking any additional steps. The scope of services assumes up to 10 follow-

up field screening locations.

If a drainage system requires follow-up screening and the field screening results in isolating the pollutant(s) to a single pipe or ditch segment, the field crew will conduct a "windshield survey" of the surrounding area. The survey will include photographing the surrounding area including buildings and other items of interest. Other items of interest can include, but are not limited to, outdoor storage areas, staining, or other potential signs of illicit discharges or dumping. No internal entry of any home or business is included in this effort. For the purposes of estimating the level of effort for this task, it is assumed that each basin where a follow-up investigation is performed will be investigated further via a windshield survey.

If the results of any windshield survey or follow-up investigation reveal an illicit connection or discharge that needs immediate attention, the results will be shared with City staff and a discussion of potential sources and recommended next steps will be conducted.

Minor (Other) Outfalls

In addition, the screening of high priority minor outfalls should continue to use the tool developed with the Menomonee River group and additional non-major priority outfalls should be identified and screened in 2019. AECOM will continue to screen two minor outfalls per year. This scope of services assumes at least 1 of the 2 minor outfalls will be active.

2019 IDDE Reports

Results will be summarized in a Draft Report to be sent to the city for review by February 2020. Comments received will be incorporated into a Final Report and sent to the city for inclusion in the City's NR 216 Annual Report due to the WDNR by March 31, 2020.

Miscellaneous On-Call IDDE Services

Provide miscellaneous additional services related to the City of West Allis' IDDE inspections as requested by City Staff on an on-call basis. This scope of services assumes at least 1 miscellaneous on-call IDDE investigation will be performed.

Deliverables:

- 2019 IDDE Draft and Final Report - One (1) electronic PDF copy of each

Contract Value Modifications:

Task	Task Descriptions	Cost
1-9.4	Previous Tasks for services provided to date	\$171,988
9.5	2019 IDDE Field Screening & Reports	*\$9,100
	Total	\$181,088

*Starred costs are estimated and may be adjusted up or down depending on actual costs; however, the Total Cost of \$181,088 shall not be exceeded without prior approval.