

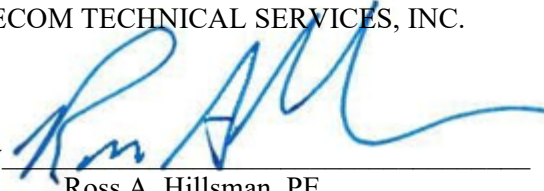
**CITY OF WEST ALLIS
AMENDED WORK ORDER #5**

TO: **AECOM TECHNICAL SERVICES, INC.**
DATE: **August 31, 2022**
PROJECT: **ILLCIT DISCHARGE DETECTION & ELIMINATION (IDDE) PROGRAM**
SUBJECT: Engineering Consultant Services

In accordance with Resolution No. 2020-0497 and Resolution 2021-__ and the Agreement for Professional Services dated as of September 9th, 2020 (the "Agreement"), you are directed to proceed with work on the Project as outlined below:

Work: See attached Scope of Services dated August 31, 2022.
Estimate: \$10,500
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:	Received and Approved:
CITY OF WEST ALLIS	AECOM TECHNICAL SERVICES, INC.
By: _____	By:  Ross A. Hillsman, PE
Title: _____	Title: <u>AVP, Civil Manager</u>
Date: _____	Date: <u>9/1/22</u>

ATTACHMENTS:
Scope of Services

COMPTROLLER'S CERTIFICATE
Countersigned this ____ day of _____ (month) 2022 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.

August 31, 2022
Scope of Services:

Project Background

The City of West Allis (City) operates its municipal separate storm sewer system (MS4) under a WPDES municipal storm water discharge permit from the Wisconsin Department of Natural Resources (WDNR), often referred to as a NR 216 Permit. The permit allows discharges of storm water from all portions of the City of West Allis' MS4. Several conditions and compliance items are outlined in the Permit and include specific dates for submittal.

The total cost of the amendment will amend the project with additional \$10,500 of fees, for a total project fee of \$186,800.

Scope of Services

Task 13 - 2022 KK4 Outfall – Additional Services

Task 13.2 – Outfall KK4 Constructed Wetland – Existing Site Wetland Delineation and Endangered Resources Review

This project would be located at the City of West Allis storm sewer system outfall KK4 near the intersection of S 57th Street and W Rita Drive (see Figure 1). This task would provide funding for AECOM to perform an existing site wetland delineation and endangered resource review.

Figure 1 – Outfall Location



Wetland Delineation

1. Conduct desktop analysis of existing environmental conditions to aid in identification of existing hydric soils, wetlands, and waterbodies at the project site. Review data and aerial photos from the following sources:
 - a. USFWS National Wetlands Inventory (NWI)

- b. Wisconsin Surface Water Data Viewer Database
 - c. Current and historical aerial imagery
 - d. USGS soils data and topographic maps
2. Investigate field conditions in accordance with the *Corps of Engineers Wetlands Delineation Manual* and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region*.
 3. Characterize the wetlands based on the presence of criteria listed below and document on USACE Regional Supplement data forms
 - a. Hydrophytic vegetation
 - b. Hydric soils
 - c. Wetland hydrology
 4. Prepare Wetland Delineation Report in accordance with applicable USACE and WDNR guidelines and standards

Endangered Resources Review

AECOM will complete an Endangered Resources (ER) Reviews, per Wisconsin Department of Natural Resources guidelines. This will consist of a desktop analysis of available data and use of the WDNR Natural Heritage Inventory (NHI) database. This review will identify any State and Federal endangered or threatened plant and animal species that are known or suspected to exist within the vicinity of the project site.

AECOM will provide a memo for this review, which will include required or recommended actions for any element occurrences.

Project Site Vicinity:

The area shaded in blue will be evaluated for existing wetlands and have a ER performed.



Schedule:

AECOM and CLIENT both acknowledge this schedule may be impacted and delayed by travel restrictions and/or other attempts to protect workers and limit the transmission of the COVID-19 virus.

The field review will take place before October 28th, 2022.

Assumptions/Conditions:

- AECOM will not provide site survey services.
- This task does not include the level of effort associated with 30% conceptual drawings. Efforts for construction documents will be provided in a project amendment at a later date.
- Data provided by Client is assumed to be accurate and complete without AECOM's verification.
- One concurrent review by Client after the submission of the draft report is expected.

Cost Estimate:

The following is the estimated cost to complete the scope of services as presented.

Task 13.2 - Outfall KK4 Initial Concept.....\$10,500

The total cost of the amendment will amend the project with additional \$10,500 of fees, for a total project fee of \$186,800.