

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

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

DATE: **July 28, 2025**

PROJECT: **2025 ILLICIT 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 July 28, 2025.

Estimate: \$21,400

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.

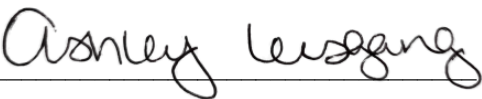
Issued:

Received and Approved:

CITY OF WEST ALLIS

AECOM TECHNICAL
SERVICES, INC.

By: 

By: 

Title: City Engineer

Title: Civil Manager

Date: 12/10/2025

Date: 7/28/25

ATTACHMENTS:
Scope of Services

COMPTROLLER'S CERTIFICATE

Countersigned this 10th day of Dec (month) 2025 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.



Scope of Services:**Project Background**

The City of West Allis is covered under Wisconsin Pollutant Discharge Elimination System (WPDES) Permit WI-S065404-2, which includes municipalities in the Menomonee River Group. This Permit authorizes and regulates the discharge of storm water from the municipal separate storm sewer systems to Waters of the State and requires each individual municipality to be responsible for compliance tasks that are to be submitted to the Wisconsin Department of Natural Resources (WDNR). The following Scope of Services defines the activities that will be conducted by AECOM to assist the City with meeting the IDDE permit requirements for 2025.

Task 17 - 2025 IDDE*Field Screening*

Based on the recommendations from the 2024 IDDE program, AECOM will conduct a field screening at 14 outfalls within the City: HA-01, IJ-3B, IJ-4, IJ-5, IJ-6B, K-02A, K-03, K-04, R-13, UW-09, UW-10, UW-11, UW-14, W-03.

The goal of the IDDE program is to try and isolate potential illicit discharge source areas in the system. If flows are present, a grab sample will be taken, and chemical tests will be conducted using field kits. If an outfall tests outside the expected range for one or more parameters, the goal is to sample upstream of the outfall to isolate the source of the pollutant(s) of interest.

For E Coli testing, at each outfall that is screened, AECOM will collect samples in Whirl-Paks and drop off the samples at a lab for analysis. After receiving the outfall sample results, the e coli concentrations will be assessed and compared with the action level of 10,000 MPN/100 ML to determine outfalls in need of further investigation.

Outfall results can vary based on annual weather conditions, seasonal variations, and possible intermittent flows. This makes it possible for skewed/unclear test results during an initial outfall visit and sometimes a site needs to be revisited to get a clear picture of the outfall conditions. If a drainage system requires follow-up screening or the field screening results in isolating the pollutant(s) to a single pipe or ditch segment, the field crew may revisit the outfalls or conduct spot checks in upstream reaches to confirm the results of the initial investigation. In addition, the field crew may conduct a "windshield survey" of the surrounding area. The survey may include documenting findings or photographing the surrounding area including buildings and other items of interest, including but not limited to outdoor storage areas, staining, or other potential signs of illicit discharges or dumping. No internal entry of homes or businesses is included in this effort.

It is assumed a total of 3-4 visits will be made to complete the outfall screening and any upstream investigations or follow-up investigations. It is understood that upstream investigations and follow-up investigations are often made overtime and not necessarily just within one screening year. Investigations will be made as time and budget permits.

Meetings and Report

Results will be summarized in a format acceptable for inclusion in the City's annual MS4 report. A draft of the report will be provided to the City for review.

AECOM will communicate with the City to review the results of the field screening. Outfalls where flow was observed and chemical testing indicated potential discharges will be focused on. The decision to conduct any additional follow-up investigations will be based on the results of discussions with the City and, if necessary, after consultation with the WDNR.

Schedule:

Dry weather screening should be conducted after approximately a 72-hour dry period (a period described as containing non-measurable precipitation or ideally, less than 0.1 inch of rainfall). A draft report will be provided to the City by the end of January 2026 and a final report within one week after receiving City comments.

Deliverables:

One electronic PDF copy of the draft and final report will be provided to the City. A hard copy of the final report can be provided if requested by the City.

Cost Estimate

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

Task 17 – 2025 IDDE.....\$21,400

Total \$21,400

The total cost will amend the project with an additional \$21,400 of fees, for a total project fee of \$289,700.