



Donohue & Associates, Inc.
3311 Weeden Creek Road | Sheboygan, WI 53081
920.208.0296 | donohue-associates.com

**AMENDMENT NO. 11 to
ENGINEERING SERVICES AGREEMENT**
Engineering and Management Services to Obtain
30% District-Wide Inflow Reduction (Project)
Executed September 2, 2004

2015 and 2016 Flow Data Evaluation

This Amendment is by and between:

Heart of the Valley Metropolitan Sewerage District (Owner)
801 Thilmany Road
Kaukauna, WI 54130

and

Donohue & Associates, Inc. (Donohue)
3311 Weeden Creek Road
Sheboygan, WI 53081

Who agree to amend the original Agreement, as follows:

PART I – B. SCOPE OF SERVICES

This agreement is intended to provide an annual evaluation for flow data collected in 2015 and 2016 from HOVMSD and individual communities. Basic services to be provided by Donohue for the project under this amendment are as follows:

1. Review performance indicators as follows:
 - a.) Observations from the wastewater treatment plant.
 - b.) Analysis of the clear water components of flow through the antecedent moisture model.
 - Use the hydrologic model with rainfall and flow data inputs to evaluate clear water reduction by community for the previous 12 months.
 - Evaluation includes a thorough quality review of the rainfall and flow data. Anomalies in the data will be discussed with the HOVMSD.
 - Update the trend-line analysis tracking each community's clear water reduction progress to date and rolling 3-year trend line.
 - c.) Analysis of clear water components of flow required by the Wisconsin Department of Natural Resources Compliance Maintenance Annual Report.

2. Prepare Progress Report

- a) Provide HOVMSD with a draft written summary memorandum.
- b) Attend HOVMSD commission meeting to present the draft information.
- c) Incorporate commission comments into the final memorandum and presentation.
- d) Attend a joint HOVMSD and community meeting to present the final memorandum.

PART I – C. PROJECT TIMING

This agreement is intended to provide yearly data analysis and reporting. The analysis of the flow and rainfall data will begin after January 1 of each year (January 1, 2016 for the 2015 data). A draft summary of the analysis will be presented to the commissioners at the March commission meeting in 2016 and 2017. The final report will be presented at a joint commission and community meeting in April of each year.

PART III – A. COMPENSATION

Compensation as defined in the Scope of Services of this Amendment shall be in accordance with Donohue’s standard charge out rates in effect at the time the Services are performed. Routine expenses will be billed at cost. The cost for these basic Services will not exceed \$19,900 for each year for a total of \$39,800 for the contract without written approval from the Owner.

APPROVED FOR OWNER

By: _____

Printed Name: _____

Title: _____

Date: _____

APPROVED FOR DONOHUE

By: _____

Printed Name: Edward S. Nevers, PE

Title: Senior Vice President

Date: _____

**Annual Update
Fee Schedule
Donohue & Associates, Inc.**

| Task | Eng. VII \$ 235 | Eng. V \$ 185 | Eng. IV \$ 155 | Eng. II \$ 135 | Admin \$ 60 | Total Hours | Total Labor | Expenses* | TOTAL COST | Summary by Task Fee |
|---|--------------------|------------------|-------------------|-------------------|----------------|----------------|----------------|-----------|---------------|------------------------|
| 1. Program Progress | | | | | | | | | | \$ 10,820 |
| a. Review and compile rainfall and flow data | | 1 | | 6 | | 7 | \$ 995 | | \$ 995 | |
| b. Determine which rainfall events to analyze | | 1 | | 3 | | 4 | \$ 590 | | \$ 590 | |
| c. Create and run model / export results for analysis | | | | 8 | | 8 | \$ 1,080 | | \$ 1,080 | |
| d. Break down dry weather flow, baseflow, and RDII | | 4 | | 18 | | 22 | \$ 3,170 | | \$ 3,170 | |
| e. Trend line analyses | | 2 | 4 | 12 | | 18 | \$ 2,610 | | \$ 2,610 | |
| f. Review analysis and findings | 3 | 4 | 6 | | | 13 | \$ 2,375 | | \$ 2,375 | |
| 2. Progress Reports | | | | | | | | | | \$ 9,080 |
| a. HOV progress memo / CMAR data/ HOV observations | 3 | | 26 | | | 29 | \$ 4,735 | | \$ 4,735 | |
| b. HOV presentation and meeting | | | 14 | | | 14 | \$ 2,170 | \$ 155 | \$ 2,325 | |
| c. HOV and Community presentation and meeting | | | 12 | | | 12 | \$ 1,860 | \$ 160 | \$ 2,020 | |
| Yearly Summary | 6 | 12 | 62 | 47 | - | 127 | \$ 19,585 | \$ 315 | \$ 19,900 | |
| Contract Total (2 years) | | | | | | | | | \$ 39,800 | |

* Expenses include mileage and printing
 Eng VII is generally Ed Nevers
 Eng V is generally Steve Sticklen
 Eng IV is generally Tammy Kuehlmann