



DRAFT

**AMENDMENT NO. #10 to
ENGINEERING SERVICES AGREEMENT
District-Wide Inflow Reduction (Project)
Original Agreement Executed September 2, 2004**

2013-14 Flow Evaluation Additional Analysis and Reporting

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:

Donohue's current contract includes a summary memorandum and meeting with HOVMSD to review the results of the 2014 flow evaluation modeling. The 2014 evaluation of modeling results showed deterioration in clear water removal for most of the HOVMSD member communities. Other parameters used by the Owner to assess individual community clear water removal showed mixed results. It was therefore recommended that Donohue change the focus of the yearly summary memorandum to be a more encompassing review of the program to date based upon all the performance measures that are reviewed to determine the status and trend of the clear water component in the HOVMSD collection system.

PART I – B. SCOPE OF SERVICES

The services have been modified to include the following additional activities for the 2013-14 Flow Evaluation:

- 1) In addition to the annual summary and trend analysis, review the antecedent moisture model to
 - a) Plot trend analysis for three-year cycles
- 2) Include the following evaluation in the annual summary memorandum:
 - a) Various model evaluation observations and summary of results and/or trends
 - b) Overall program evaluation tools used by the District and WDNR under the Antecedent Moisture modeling evaluation and WDNR annual Compliance Maintenance Annual Reports.
 - c) Flow reduction projects implemented by each community in 2014 and planned for 2015
- 3) Gather data and summarize performance indicators from CMARS from 2012 to present (as available)
 - a) Number of lift station failures
 - b) Number of sewer pipe failures

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- c) Number of basement backups
 - d) Number of complaints
 - e) Peaking factor ratio (peak monthly:annual daily average)
 - f) Peaking factor ratio (peak hourly:annual daily average)
- 4) Meetings
- a) Meet with each community (five meetings) to review and discuss the summary information. Relay comments and questions back to Owner.

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 \$12,700 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: _____

**2013-14 Additional Analysis and Meetings
Fee Schedule
Donohue & Associates, Inc.**

Task	Eng. VII \$ 235	Eng. V \$ 185	Eng. IV \$ 150	Eng. III \$ 135	Admin \$ 70	Total Hours	Total Labor	Expenses*	TOTAL COST
1. Trend analysis	2	4		8			\$ 2,290		\$ 2,290
plotting and data summary						-	\$ -		\$ -
2. Summary document	2	8	24			34	\$ 5,550		\$ 5,550
trends and observations						-	\$ -		\$ -
overall evaluation tool summary						-	\$ -		\$ -
flow reduction projects									
3. Gather data and summarize performance indicators			12			12	\$ 1,800	\$ 200	\$ 2,000
4. Individual community meetings			16			16	\$ 2,400	\$ 400	\$ 2,800
						-	\$ -		\$ -
Total	4	12	52	8	-	62	\$ 12,040	\$ 600	\$ 12,640

* Expenses include mileage, modeling software charges, printing
Eng IX is generally Ed Nevers
Eng VI is generally Steve Sticklen
Eng IV is generally Tammy Kuehlmann