



Memorandum

date: March 02, 2021

to: **Heart of the Valley Metropolitan Sewerage District**
Dave Casper, Commission President
Commissioners
Brian Helminger, Manager (file copy)
Kevin Skogman, Superintendent

cc: (none)

from: **Strategic Municipal Services, Inc.**
Scott M. Schramm, PE, PLS
David Schlichting, PE

re: **ACTIVITY SUMMARY - STEP 1 - PRE DESIGN**
Improve Interceptor System
Heart of the Valley Metropolitan Sewerage District
Outagamie County, Wisconsin

Summary

- A. Activity Summary - Pre Design
- B. Next Steps

A. Activity Summary

- 1. **Agencies**
 - a. **Ahlstrom Munksjö**
 - 1) ongoing communications with Plant Engineer --
 - b. **Army Corps (ACoE)**
 - 1) ongoing communications (**Chicago, Detroit** and **St. Paul** Districts) --
 - c. **Fox River Navigational System Authority (FRNSA)**
 - 1) restart communications with leadership staff
 - 2) working meeting no. 1 03/10
 - d. **Kaukauna Utilities (KU)**
 - 1) review alternatives for temporary electric service and diverting river flow --
 - e. **Union Pacific (UP)** --

- f. **wisDNR**
 - 1) environmental staff
 - a) ongoing communications regarding permit submittals --
 - b) teleconference with lead inter-disciplinary staff 02/03
 - 2) wastewater staff - restart permit discussions --
- 2. **Communities** --
 - a. restart coordination through working meeting and field reviews --
- 3. **Contractor Team**
 - a. Working Meeting no. 1 02/11
 - b. ongoing communications with individual disciplines --
- 4. **Field Review** --
- 5. **Wastewater Flows and Bypass Pumping**
 - a. review and summarize annual flow data (2010 - 2020)
 - b. review wet weather statistics
 - c. estimate bypass pump and forcemain equipment sizes related to power requirements
- 6. **Public Finance**
 - a. review the Capital Improvement Plan (2017)
 - b. review references related to historical capital improvement projects and rate allocations
- 7. **Contract Documents** (preliminary)
 - a. prepare **Plan Drawings** for the respective Work Areas
 - 1) **Combined Locks** mh 32A and ms 1
 - 2) **Little Chute**
 - a) **Island, Doyle and Heesakker Parks**
 - b) **Sanitorium Road** mh 17 and ms 3
 - c) **Vandenberg Lane** mh 16, 38 and bypass
 - 3) **Kaukauna**
 - a) **Fox River** mh 15 - 8 and 7A to 6A
 - 4) **Ahlstrom**
 - a) bypass and mh 6A - 1
 - b. outline **Specifications** for general project disciplines

B. Next Steps

- 1. Contractor Team Working Meetings
 - a. no. 2 and 3 Mar - Apr
- 2. Field Observations - structures and interceptor (warm weather dependent) ~ April

We welcome the opportunity to further discuss these items at your convenience.

enc: as noted