

Memorandum

date: July 02, 2021

to: Heart of the Valley Metropolitan Sewerage District
Dave Casper, Commission President
Commissioners
Brian Helminger, District Director (file copy)
Kevin Skogman, Director of Operations and Maintenance

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 coordination and communications with Plant Engineer
 - 2) review bypass route alternatives
- b. **Army Corps (ACoE)**
 - 1) ongoing communications (Chicago, Detroit and St. Paul Districts)
- c. **Fox River Navigation System Authority (FRNSA)**
 - 1) ongoing communications, coordination and permit preparations with leadership staff
- d. **Kaukauna Utilities (KU)**
- e. **Union Pacific (UP)**
- f. **wisDNR**
 - 1) environmental staff
 - a) ongoing communications and coordination regarding permit submittals



2. **Communities**
 - a. ongoing communications coordinated with District Staff
 - b. prepare for and participate in 2nd quarter community meeting

3. **Contractor Team**
 - a. field review site conditions related to work items
 - b. review capital improvement plan (CIP), unit prices and schedules / sequencing
 - c. ongoing communications with individual disciplines --

4. **Field / System Review**
 - a. review and summarize system TV and report documentation
 - b. manhole / interceptor structures - review and document conditions 95%
(including marine access dependent)

5. **Wastewater Flows and Bypass Pumping**
 - a. review bypass routes and communicate with agencies and Contractor Team
 - b. review and summarize annual flow data (2010 - 2020)
 - c. review wet weather statistics
 - d. estimate bypass pump and forcemain equipment sizes related to power requirements

6. **Public Finance**
 - a. review the Capital Improvement Plan (2017) based on Contractor working meetings

7. **Contract Documents** (preliminary)
 - a. perform **water / sediment depth** (hydrographic) **survey** in **Fox River** and **Little Chute** canal related to marine access conditions
 - b. prepare preliminary **Plan Drawings** for the respective Work Areas and bypass routes
 - c. prepare outline **Specifications** for general project disciplines

B. Next Steps

1. Contractor Team Working Meetings
 - a. no. **3** t b d

2. District Interim Working Meetings
 - a. staff t b d
 - b. Commission t b d

3. Field Observations - structures and interceptor (no ladders) t b d

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

enc: as noted