

Date: August 21, 2015

To: Larry Halberstadt, PE

From: Timothy Drews, PE

Re: South Haven SAW Grant – Asset Management Plan Status Report

The following is intended to provide you with a project status report:

Accomplishments to Date

1. Inventory

- City staff will review locations that have “buried” or missing manholes and advise of how to handle.
- City staff has provide maps of storm sewer outlet pipes that will be located with condition assessments.

2. Condition Assessment

- MACP (manhole) inspections have continued. We have inspected approximately 1145 manholes to-date in the areas highlighted on the attached map. This work continues with an emphasis on storm manholes first. Data has been organized and compiled in spreadsheet format along with copies of inspection reports that can be integrated into the GIS system.
- CCTV work – A request for quotes was forwarded to Plummer's for the CCTV pilot program, and cleaning the main lift station wet well in conjunction with pump repairs. Plummer's has indicated that they will not be able to start this work until early October. We will reach out to other CCTV work contractors (Clean Earth, R&R Visual, etc.) to get additional quotes and determine a course of action based on cost and schedule. Disposal of removed material will be discussed with the potential contractors.

3. Level of Service

- Not yet started

4. Criticality of Assets

- Not yet started

5. O&M Strategies

- Burton and Associates is under contract and have started analysis related to the rate structures.

6. Other Costs

- Asset Management software presentations were held with CityWorks and Cartegraph in April. We are investigating other software options (Innovyze, Mapcon, Infor MP2, Facility Dude, and others). Purchase of the software is pending more demonstrations.

Upcoming Work

- SAW Progress meeting that was planned for August 25th at 10:30 a.m. is being re-scheduled for a later date.
- Gathering remaining manhole inventory shots – determine priorities
- Continue MACP inspections.
- Storm water outlet inspections
- CCTV pilot program with Plummer's of others, plus develop an RFP for the comprehensive CCTV work (with sewer cleaning option by the city)
- Initiate discussions regarding level of service and criticality of assets.
- Coordinate efforts with HRC for lift station evaluations – October NPDES submittal.

Scope Changes

- Eliminate Storm Sewer System Metering and Modeling and re-allocate those funds to other Asset Management efforts.

Budget Status

	Budget	Invoiced to Date	Percent Complete
Overall Asset Management Budget	\$1,115,264	\$206,580.56	18.5%
Abonmarche Tasks	\$555,197	\$206,580.56	37.2%
CCTV Work	\$299,397	\$0	0%
Other Sub-consultants	\$38,000	\$0	0%
Software/hardware/training	\$38,000	\$0	0%
City Admin Tasks	\$35,120		
City Pre-cleaning Sewers	\$150,000		

Note: Overall city match for the SAW grant is \$300,332 (per grant award – Cindy Clendenon email dated 05/22/15).

Abonmarche is revising invoices for June and July, 2015, to reflect correction of charges to the proper phase.



Schedule Status

The projected completion date for the Asset Management plan is anticipated by May 1, 2016. However it should be noted that the completion date required by the grant is 3 years from grant award.

Information Needed from City

- List of projects completed in the past 10-15 years

Other Issues

- Separate progress reports will be submitted for SAW design related work

cc: Brian Dissette, City of South Haven
Roger Huff, City of South Haven
Cindy Clendenon, MDEQ
Christopher Cook, Abonmarche
Tony McGhee, Abonmarche

