

Date: July 22, 2015

To: Roger Huff, 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

- A list of “missing” manholes was received from the city. We have completed shots on what could be found. There are approximately 100 manholes that are buried and/or missing and could not be located.
- 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 1125 manholes to-date in the areas highlighted on the attached map. This work continues with an emphasis on storm manholes first.
- 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 discuss if the city still wants to proceed with Plummer's at our July SAW progress meeting.

#### 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, and others). Purchase of the software is pending a final choice.

Upcoming Work

- SAW Progress meeting is scheduled for June 27<sup>th</sup> at 10:30 a.m. at DPW
- Gathering remaining manhole inventory shots – determine priorities
- Continue MACP inspections.
- Initiate storm water outlet inspections
- CCTV pilot program with Plummer's (October?), 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	\$197,535.26	17.7%
Abonmarche Tasks	\$555,197	\$197,535.26	35.6%
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)

Schedule Status

The projected completion date for the Asset Management plan is anticipated by May 1, 2016

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  
Larry Halberstadt, City of South Haven  
Cindy Clendenon, MDEQ  
Christopher Cook, Abonmarche  
Tony McGhee, Abonmarche



# South Haven Inspection Completion Status

