

memorandum

Date: October 13, 2015

To: Tracey Balint, City of Rochester Hills
cc: Karyn Stickel, HRC
From: Greg Kacvinsky, OHM

Re: SAW Grant Status Update

This memorandum serves as an update on our progress with the City’s SAW Grant. The City was awarded the SAW Grant in fall 2014 and we are approximately one year into the three year SAW Grant timeline. The Asset Management Plans will be due to the MDEQ in November 2017.

As requested by the City, OHM and HRC have focused on the stormwater components of the SAW Grant first, as the first \$1 million in expenditures will be reimbursed at a higher (90%) rate. Since there is no dedicated funding source for stormwater, it was decided that the stormwater-related activities should receive funding priority.

The following table summarizes the work completed on key initial tasks and references the upcoming activities during the next 6-9 months for the Stormwater Asset Management Plan Grant:

Task	Completed	Next 6-9 Months
Inventory (A1)	Coordinated with the City on recommended updates to the City’s GIS framework for storm and sanitary sewer.	Continued updates to the City’s GIS to reflect asset age and structural condition.
Condition Assessment (A2)	400 catch basins inspected (70% complete), and 350 storm manholes inspected (70%).	Remaining catch basins and manholes to be inspected in October/November 2015. Structural conditions will be added to the City’s GIS database.
Cleaning/Televising (A5)	Coordinated with City and Liquiforce to prepare for sewer televising	Sewer televising commenced on October 12 and will continue through the end of the year; likely wrapping up in early 2016. Sewer conditions will be coded in GIS as the work proceeds.
Level of Service (A6)	Prepared and broadcast a drainage questionnaire to City property owners. Received 920 total responses to date.	Prepare figures illustrating the problem areas as defined by the drainage questionnaire.
Rate Study (A7)	Completed a rate model, defining impervious coverage for typical residential lots, identified key potential ratepayers, and identified potential revenue through a stormwater utility fee. Met with key City staff in June 2015 to discuss next steps.	Establish a Stormwater Advisory Group (likely the Public Safety & Infrastructure Committee). Meetings should begin on or around November 2015 and continue until March-April 2016 (about 5 meetings total). This group will review current funding levels, future funding needs, and explore various funding options (including a stormwater utility).



The following table summarizes the work completed on key initial tasks and references the upcoming activities during the next 6-9 months for the Stormwater Management Plan Grant:

Task	Completed	Next 6-9 Months
Baseline Conditions (S1)	Collected data on the City's drainage districts, including reports and other key documentation that can be added to the City's GIS database for easier retrieval.	Continued collection of data and submittal to City staff for inclusion in the stormwater GIS database.
Streambank / Culvert Condition Assessment (S2)	No work completed yet.	Perform streambank assessments in fall 2015 and/or spring 2016 during leaf-off conditions.
Detention Pond Rating System (S3)	Prepared a detention pond inspection map and submitted to City staff for review. Currently coordinating with City staff to finalize detention pond locations for the rating system.	Detention pond assessments will begin shortly and be completed in fall 2015.
MS4 Program Updates (S6)	Assisted City staff during the development of the NPDES MS4 (stormwater) permit application in March/April 2015.	Will assist City staff if MDEQ has comments/concerns regarding the City's permit application.

Remaining Two Years (2016 and 2017)

The first year of the SAW Grant included the establishment of project protocols and the initial field efforts. Years 2 and 3 will see a significant uptick in effort, with sewer televising (storm and sanitary), as well as other wastewater-related efforts, such as manhole inspections, flow metering, and modeling efforts for both storm and wastewater systems. We will provide an updated schedule for all remaining SAW tasks and present that at our meeting this Friday, October 16.