



CITY OF MARSHALL AGENDA ITEM REPORT

Meeting Date:	Tuesday, January 26, 2021
Category:	NEW BUSINESS
Type:	INFO
Subject:	Municipal Separate Storm Sewer Systems (MS4) Update.
Background Information:	<p>The City is currently in the process of applying for our new 2020 Municipal Separate Storm Sewer Systems (MS4) General Permit. The MS4 permit is a 28 page permit that outlines numerous requirements that the city must meet as an operator of a storm sewer system. There are some other qualifiers, but generally this permit applies to all communities in our state with a population over 5,000. This permit is generally updated and reissued every five years. In this instance, the 2020 permit will replace our existing 2013 permit. MPCA has been working toward rolling this permit out since 2018.</p> <p>A large bulk of the changes to this permit revolve around record keeping and ‘measurables’. There is a large push from the MPCA to ensure that each community is following through on permit requirements and documenting how the goals are being met. The MS4 is largely guided by meeting six different “Minimum Control Measures (MCMs), each with numerous requirements that must be met to be in compliance with the permit. The MCMs are as follows:</p> <ul style="list-style-type: none"> MCM 1: Public Education and Outreach MCM 2: Public Participation/Involvement MCM 3: Illicit Discharge Detection and Elimination (IDDE) MCM 4: Construction Site Stormwater Runoff Control MCM 5: Post-Construction Stormwater Management MCM 6: Pollution Prevention/Good Housekeeping for Municipal Operations <p>As part of our application for new permit coverage, Engineering staff is reviewing our entire MS4 program to both audit ourselves and also update and amend our City Stormwater Pollution Prevention Plan (SWPPP). Along with submitting the new application, we will need to convey to the MPCA whether we are meeting any applicable and approved Total Maximum Daily Load (TMDL) waste load allocations (WLAs). For example, the City of Marshall is required to show a reduction of 30% in Total Phosphorus (TP) output from our MS4 as compared to a baseline year of 1988. This is related to an EPA-approved Lower Minnesota River Dissolved Oxygen TMDL.</p> <p>City staff is currently working with Bolton & Menk on a stormwater modeling project. Within this project, we are creating a basic, cost-effective approach to reviewing our MS4 for compliance with our approved TMDLs. We believe that our work with Bolton & Menk will be adequate to satisfy the MPCA’s desire to see measurable progress toward meeting our TMDLs.</p>

	<p>Lastly, some changes that we can expect to see coming forward as a result of our new MS4 permit:</p> <ul style="list-style-type: none"> - Improved policies and procedures to better document our processes and verify that we are enforcing permit requirements - Ordinance addition to address proper salt storage at commercial/industrial/institutional facilities - Increased amount of training and individuals receiving training; largely related to salt use, illicit discharge detection, and procedures to follow - Update post-construction stormwater management ordinances for private and public development and construction projects <p>Our new permit application is due by April 15, 2021. The permit application is a very large task and it takes a lot of staff time to complete. Once staff has prepared the application and is ready to submit, we will plan to inform the Council and likely give Council an opportunity to review.</p>
Fiscal Impact:	
Alternative/ Variations:	
Recommendation:	Informational.