

## Stormwater Management Plan (SWMP) Overview

The original stormwater management plan complete with all documents is available on the SASWA website. These documents were developed and updated during the MS4 NPDES Permit Application procedure in 2017 to 2020. There are six minimum measures for a SWMP which are detailed below.

### *Public Participation Plan (PPP)*

Public participation helps to create better decisions and a more thoughtful community plan of action. Participation is meaningful when the public and community, has opportunities to influence decisions and feels a sense of ownership for a community plan for action. A Public Participation Plan (PPP), which establishes a model for effective public involvement, contains written procedures for including the public in a community's planning process. The participation objective with residents and the commercial stakeholders will be to increase awareness that there are best management practices (BMPs) which protect our water quality in the community. Then provide the necessary education to enhance the awareness and recognition of best management practices within the Saginaw area. Local government leadership can host and provide an effective public forum for decision making based on the public's input. Then finally, implement the decisions on a local level.

### *Public Education Plan (PEP)*

The SASWA is one of the major groups in the area to educate and involve the communities they serve. The PEP outlines 10 public education topics that must be communicated, prioritizes them based on a procedure for assessing high-priority community-wide issues, and targets issues to reduce pollutants in stormwater runoff. The goal for the PEP is to promote, publicize, and facilitate a stormwater education program that encourages the public to reduce stormwater pollution to the greatest extent possible. Some examples of public education done by the SASWA include display boards, group presentation, and educational materials available on the SASWA website.

### *Illicit Discharge Elimination Plan (IDEP)*

The Illicit Discharge Elimination Plan (IDEP) is intended to prohibit and effectively eliminate illicit discharges (including the discharge of sanitary wastewater) to the separate stormwater drainage system. The IDEP will focus on stormwater outfall and point of discharge sources within the urbanized area and within city limits only, based on the 2010 Census Data. The IDEP includes plans for preventative measures and training to reduce the amount of illicit discharge, connections, dumping, and increase awareness of these behaviors. This plan includes the screening of outfalls and point sources of stormwater entering county drains or waters of the state.

### *Post Construction Controls (PCC)*

This program for stormwater management is an administrative procedure which directs developers to use the design criteria developed and or adopted by each SASWA member. It provides the site development with the options available for development within the regulated areas that are part of the SASWA, if a development is not outputting to a Michigan Department of Transportation (MDOT) storm system. This administrative procedure, design guideline documents, and calculations are available on the SASWA website on the PCC page. The website also had a helpful map to determine with PCC document is applicable based on the development location.

***Construction Stormwater Runoff Control Plan (CSWRCP)***

This is the policy / procedure developed for SASWA member's staff and workers who may witness a construction site discharge of sediment laden stormwater into a storm sewer system (MS4) or a county drain. The procedure advises to report any such activity immediately to the Saginaw County Public Works Commissioner's office which is the County Enforcement Agency. If you come across a discharge or sediment or any other illicit discharge to a storm system, you can report it on the SASWA website right from your phone.

***Pollution Prevention / Good Housekeeping (PP/GH)***

The Pollution prevention and good housekeeping documents associated with the MS4 permit focus on operations and procedures that will be followed to minimize pollution. Additional training specific to the work you do will be provided. This includes topics such as spill cleanup, lawn and park maintenance, catch basin inspections, and general operating procedures.