

Improving Austin Streams

2022 Stakeholder Update to the TMDL I-Plan

December 16, 2021
Meeting



Incorporating SWMPs in the Revised I-Plan



SWMPs and the I-Plan

- As previously discussed, your SWMPs must include either:
 - the management measures from your previously approved I-Plan
 - alternative, equivalent best management practices that address the same source
- You must include any new management measures in the updated I-Plan in your SWMPs for the next Phase II or Phase I MS4 permit cycle (or sooner if desired).



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Incorporating SWMPs in the Updated I-Plan

- You may choose to list and describe all the BMPs that are intended to reduce bacteria loads from your most recent SWMP approved by TCEQ.
 - If you take this approach, we ask that you list the BMPs in a control action for each permitted organization.
- You may, instead, incorporate your SWMP measures by reference. If you do so, we ask that you:
 - List all the MS4 permits and authorizations
 - Make your SWMPs readily available to the public on a website with a link to that site in the I-Plan



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Incorporating the SWMPs by Reference, cont.

- If possible, ensure that the website link does not change with SWMP updates. The [Travis County Stormwater](#) and the [UT Austin Stormwater](#) webpages are good examples.
- Include a general description of what types of measures are in the SWMPs
- TCEQ can provide boilerplate text for your SWMP general description if desired



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MS4 and SWMP: Boilerplate Text

MS4 Phase I and II rules require municipalities and certain other entities in urban areas to obtain permit coverage for their stormwater systems. A regulated MS4 is a publicly owned system of conveyances and includes ditches, curbs, gutters, and storm sewers that do not connect to a wastewater collection system or treatment facility.

Phase I permits are individual permits for large and medium-sized communities with populations of 100,000 or more based on the 1990 United States Census. The Phase II General Permit regulates other MS4s in urbanized areas as defined by the U.S. Census Bureau.



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SWMPs and Minimum Control Measures

The purpose of an MS4 permit is to reduce discharges of pollutants in stormwater to the “maximum extent practicable.” Permit holders must develop and implement stormwater management programs (SWMPs). An SWMP describes the stormwater control practices that will be implemented to minimize the discharge of pollutants.

SWMPs specify the best management practices (BMPs) that will be used to meet several minimum control measures (MCMs) that, when implemented in concert, are expected to result in significant reductions of pollutants discharged into receiving water bodies.



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Phase I and Phase II MCMs in the SWMP

- Educate the public through outreach and involvement
- Detect and eliminate illicit discharges
- Manage construction and post-construction stormwater runoff
- Practice pollution prevention and good housekeeping in operations
- Limit pollutants in industrial and high-risk stormwater runoff



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Phase I Additional MCMs

- Conduct MS4 maintenance activities
- Implement a floatables program
- Monitor and evaluate water quality using one of the following methods
 - Conduct rapid bio-assessment monitoring
 - Participate in a regional wet-weather characterization program
 - Monitor water quality at MS4 outfalls



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MS4 Permits and Authorizations

MS4	Type
Travis County	Phase II
City of Austin	Phase I
University of Texas at Austin	Phase I
Texas Department of Transportation	Combined Phase I and Phase II





Contact Us

- Louanne Jones, Project Manager
 - louanne.jones@tceq.texas.gov
 - 512-239-2310
 - tmdl@tceq.texas.gov
- Suzanne Schwartz, Project Facilitator
 - sznnschwartz@gmail.com
 - (512) 496-6963

