

Welcome to the ADOT Stormwater Management Plan Virtual Workshop

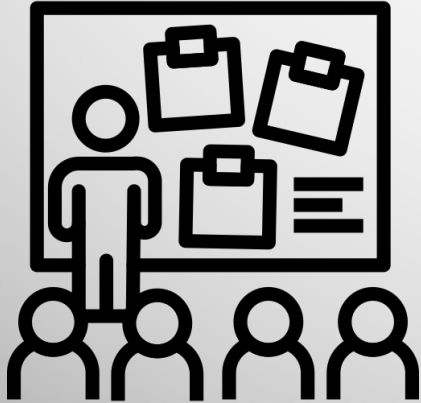
Presented by ADOT Water Resources in compliance
with ADEQ Permit No. AZS0000018-2021

Objective

To inform the public about ADOT's Stormwater Management Plan (SWMP), answer questions, and gather comments.



Workshop Topics



- What is a SWMP?
- What is ADOT's MS4 Permit?
- What is an MS4?
- Why does ADOT have a SWMP?
- What is in the SWMP?
- How does the SWMP affect me?

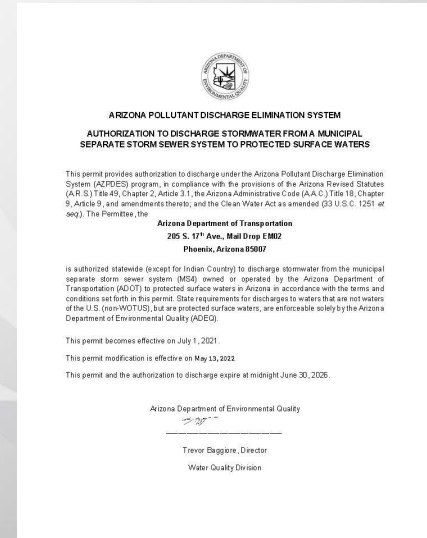
What is a SWMP?

A Stormwater Management Plan, or SWMP, is a plan of action for municipalities, counties, and other public entities (such as Departments of Transportation) to identify how they will manage and prevent the discharge of pollutants in stormwater to receiving water bodies, per requirements in a Municipal Separate Storm Sewer System (MS4) permit.

ADOT's SWMP lays out our stormwater program's blueprint and identifies actions to minimize the discharge of pollutants from our MS4.

What is ADOT's MS4 permit?

ADOT is authorized by the Arizona Department of Environmental Quality (ADEQ) to discharge stormwater and certain allowable non-stormwater discharges to protected surface waters in accordance with permit requirements. The purpose of the permit is to protect water quality by preventing pollutants from being discharged from ADOT's transportation system. ADEQ issued the current ADOT MS4 permit (AZS0000018-2021) effective July 1, 2021.

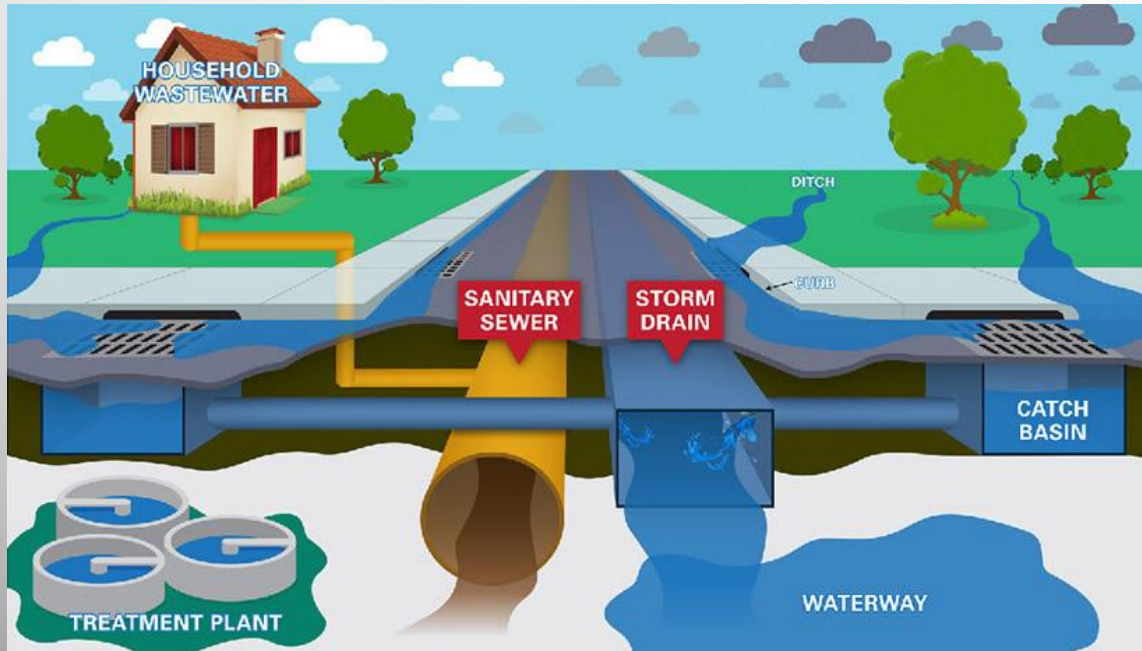


What is an MS4?

The term “municipal separate storm sewer system,” or MS4, means any publicly-owned conveyance or system of conveyances used for collecting and moving stormwater that discharges to protected surface waters.

For ADOT, the MS4 includes the drainage systems associated with the statewide highway network and associated facilities (i.e. Maintenance Yards, Ports of Entry, MVD offices, etc). The ADOT MS4 system of conveyances consists of catch basins, curbs, gutters, ditches, man-made channels, and storm drains, to name a few.

Storm sewer vs. sanitary sewer



Graphic courtesy of Stormwater Outreach for Regional Municipalities (azstorm.org)

Storm sewers are designed to prevent flooding and transport rainwater via the storm drain system, called a Municipal Separate Storm Sewer System (MS4). The stormwater is released to washes and retention basins without treatment.

In contrast, sanitary sewers take wastewater from household and commercial uses (i.e. sinks, toilets, washers, etc.) and carry it through an underground separate sewer pipe to a wastewater treatment plant.

Why does ADOT have a SWMP?

While the permit generally states what ADOT must do to comply with stormwater regulations, it consists of complex legal language and leaves the specifics to be implemented by the Permittee. The SWMP document breaks down how ADOT manages the requirements for us to understand and follow.

It is ADOT's game plan for how we comply with the permit.



Creator: IvelinRadkov | Credit: Getty Images/iStockphoto

What is in the SWMP?

The permit identifies several program areas to include in the SWMP:

- Staff Training
- Enforcement Measures and Tracking
- Public Outreach and Education
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination (IDDE)
- Pollution Prevention and Good Housekeeping Practices for Facilities
- Measures to Control Discharges from Highway Operations and Maintenance
- Construction
- Post-Construction
- Monitoring and Assessment

What does the SWMP do?

When the elements in the SWMP are implemented, they are expected to prevent pollutants from being discharged into receiving water bodies from ADOT's facilities and activities.

The SWMP documents how we plan to reduce the discharge of pollutants from our statewide highway network and associated facilities to the Maximum Extent Practicable (MEP) to protect water quality, satisfy applicable surface water quality standards, and preserve Arizona's precious water resources.

What does the SWMP include?

The way we do this by writing out a plan of action which identifies the following requirements:

- What needs to get done
- Who needs to do it
- When it needs to get done
- What records need to be kept



How does the SWMP affect me?

For ADOT employees, it means understanding our stormwater program and participating in reducing pollutants from entering our storm drain system. Ask questions, participate in training activities and become familiar with with ADOT's control measures for stormwater pollution prevention.

For the general public, it's your chance to view ADOT's plan, ask questions, and make comments.



Where can I view the current ADOT permit and SWMP?

The permit, fact sheet, and the Stormwater Management Plan can be viewed here:

[Permit, Fact Sheet and SWMP](https://azdot.gov/business/environmental-planning/water-resources/stormwater-discharge-permit)

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Questions or Comments?



Comments and questions can be submitted to ADOT regarding the SWMP via:

- Email to ADOTWater@azdot.gov
- By mail to ADOT Water Resources, Attn: SWMP Comments, 205 S. 17th Ave., Phoenix AZ 85007.

Thank you for participating!