

# Mountain Brook's Storm Water Program

## Background

In 1972, the Clean Water Act was passed to help protect rivers, streams, and lakes from pollution. From this Act the newly created United States Environmental Protection Agency (EPA) created the National Pollutant Discharge Elimination System (NPDES) program. The purpose of the NPDES program was to track and control sources of pollution through permitting. In 1987, the NPDES program's focus was widened to include permits for municipal separate storm sewer systems (MS4). The first MS4 permits for cities within Alabama were distributed in 1996. The Alabama Department of Environmental Management (ADEM) is responsible for administering the permits in Alabama. The duration of each permit is five years.

## Program Overview

The current ADEM MS4 permit for The City of Mountain Brook (**NPDES Permit No. ALS000018 - a copy found on our Storm Water Page**) is effective from July 1<sup>st</sup>, 2017 through June 30, 2022. Mountain Brook is currently a member of Storm Water Management Authority, Inc. (SWMA) which has a membership of 21 cities within Jefferson County. SWMA helps the member cities cost share many of the permit requirements.

The components of the permit are as follow:

- Storm Water Collection System Operations
- Public Education and Public Involvement on Storm Water Impacts
- Illicit Discharge Detection and Elimination (IDDE)
- Construction Site Storm Water Runoff Control
- Post-Construction Storm Water Management in New Development and Redevelopment
- Spill Prevention and Response
- Pollution Prevention/Good Housekeeping for Municipal Operations
- Application of Pesticides, Herbicides, and Fertilizers (PHFs)
- Oils, Toxics, and Household Hazardous Waste Control
- Industrial Storm Water Runoff

The City of Mountain Brook submits an Annual Report to ADEM reporting their stormwater permit requirements. The latest report can be found **on the Storm Water Page**.

Each year The City of Mountain Brook must submit a Storm Water Management Program Plan (SWMPP) which outlines how the city will meet the permit requirements in the upcoming year. The latest SWMPP can be found **on the Storm Water Page**.

*\*If you see, smell or hear something unusual please do not hesitate to notify someone to make sure it is nothing hazardous.\**

### Important Numbers and Links

<b>Call 205 802-3812 or email merchantg@mtnbrook.org</b>	For unknown liquids entering the storm drain system, stream or river
<b>Call 205 802-3812 or email merchantg@mtnbrook.org</b>	For mud leaving a construction site due to improper construction practices
Action Center on the City Website or 911	For any spill (solids, liquids or gas)
<b>Call 205 942-0681</b>	Sanitary Sewer Overflow

# What is Stormwater and What Can I Do to Help?

Stormwater is rainwater, snow melt, or even water from a garden hose that flows into the storm sewer system. Stormwater can come from many different sources including rooftops, street curbs, and paved areas. Once the excess water from these sources reach the storm sewer, the water is piped to the nearest creek, river, or stream **untreated** and could eventually end up in the drinking water supply.

For more information on stormwater and what you can do as a citizen, business owner, or developer click on the links and/or pamphlets below.

## Residents/Businesses

- General Information ([https://www3.epa.gov/npdes/pubs/after\\_the\\_storm.pdf](https://www3.epa.gov/npdes/pubs/after_the_storm.pdf))
- Watershed Information (<https://cfpub.epa.gov/surf/locate/index.cfm>)
- Illicit Discharges ([www3.epa.gov/npdes/pubs/idde\\_chapter-1.pdf](http://www3.epa.gov/npdes/pubs/idde_chapter-1.pdf))
- Cleaning Supplies (<https://www.epa.gov/nutrientpollution/what-you-can-do-your-home>)
- Littering (<https://www.kab.org>)
- Don't Leave your Waste in My Place Bookmark (pdf)
- Household Hazardous Waste Disposal (pdf) & (<https://www.epa.gov/hw/household-hazardous-waste-hhw>)
- Keep It Green and Simple (pdf)
- Pesticides (pdf) & (<https://www.epa.gov/pesticides>)
- Fertilizers ([www.adem.alabama.gov/programs/water/nps/take/fertilizing.pdf](http://www.adem.alabama.gov/programs/water/nps/take/fertilizing.pdf))
- Car Washing ([www.adem.alabama.gov/MoreInfo/pubs/CWP\\_Wash.pdf](http://www.adem.alabama.gov/MoreInfo/pubs/CWP_Wash.pdf))
- Illicit Discharges ([www3.epa.gov/npdes/pubs/idde\\_chapter-1.pdf](http://www3.epa.gov/npdes/pubs/idde_chapter-1.pdf))
- Pet Waste (pdf) and (<https://www.epa.gov/nutrientpollution/what-you-can-do-your-home>)
- Rain Barrel (pdf)
- Cooking Grease Recycling ([www.jeffcoes.org/Default.asp?ID=112&pg=HOUSEHOLD+COOKING+OIL+RECYCLING](http://www.jeffcoes.org/Default.asp?ID=112&pg=HOUSEHOLD+COOKING+OIL+RECYCLING))
- Septic Systems (<http://www.jcdh.org/programs/community-environmental-protection/onsite-sewage-disposal/>)
- Water and Energy Efficiency (<https://www.epa.gov/nutrientpollution/what-you-can-do-your-home>)
- Vehicles (<https://www.epa.gov/nutrientpollution/what-you-can-do-your-home>)
- Carpet ([www.epa.gov/greenerproducts/identifying-greener-carpet](http://www.epa.gov/greenerproducts/identifying-greener-carpet))

## Fun Stuff for Kids

- Coloring Sheet and Word Search (pdf)
- Watershed Coloring Sheet (pdf)

## Contractors/Developers/Engineers

- Erosion and Sedimentation Control-Individual Lot (pdf)
- Alabama's Field Guide for Erosion and Sedimentation Control on Construction Sites- <http://alconservationdistricts.gov/resources/erosion-and-sediment-control/>
- Alabama's Low Impact Development Handbook- <http://www.aces.edu/natural-resources/water-resources/watershed-planning/stormwater-management/LID.php>
- EPA's Low Impact Development Webpage- <https://www.epa.gov/nps/urban-runoff-low-impact-development>

## Household Hazardous Waste

- Electronics' Donation and Recycling (<https://www.epa.gov/recycle/electronics-donation-and-recycling#where>)
- General Recycling including Motor Oil (<https://search.earth911.com/>)
- Jefferson County Environmental Community Resource Booklet [http://www.jcdh.org/wp-content/uploads/2016/04/Resource-Booklet-5.5\\_3.1.pdf](http://www.jcdh.org/wp-content/uploads/2016/04/Resource-Booklet-5.5_3.1.pdf)

## Stormwater Controls

- Homeowner's Guide to Stormwater Pond Maintenance (pdf)
- Stormwater Pond Maintenance Guidebook (<https://www3.epa.gov/npdes/pubs/pondmgmtguide.pdf>)