



**Bloomfield
Township
Engineering &
Environmental
Services
Department**

**Scan the code
for more information and
resources on floodplain and
storm water management.**



Contacts

Michigan Department of Transportation

www.michigan.gov/mdot
(517) 241-2400

Road Commission for Oakland County

www.rcocweb.org
dcsmail@rcoc.org
(877) 858-4804

Water Resources Commissioner

www.oakgov.com
wrc@oakgov.com
(248) 858-0958

Bloomfield Twp EESD

www.bloomfieldtwp.org/eesd
eesd@bloomfieldtwp.org
(248) 594-2800

What is Considered a Flood?

A general and temporary condition of partial or complete inundation of normally dry land areas from overflow of inland or tidal waters or from the unusual and rapid accumulation or runoff of surface waters from any source.

Understanding Floodplains

Floodplain: The elevation that flood waters are expected to rise to during a 100-year storm event.

Floodway: The area adjacent to a river which is reserved to carry flood flows.

SCAN ME  for FEMA's National Flood Hazard Map

Bloomfield Township Storm Sewer Facts

bloomfieldtwp.org



What is a Storm Sewer?

A storm sewer system can include any combination of enclosed and open conveyance systems, such as:

- Pipes
- Manholes
- Catch Basins
- Open Ditches
- Green Infrastructure
- Lakes, rivers, and other bodies of water.



You Can Help

Storm water is not treated by a wastewater treatment plant like sewage. Any dissolved or suspended pollutants will eventually end up in our neighboring waters. Here are a few ways you can help:

- Use pesticides & herbicides sparingly.
- Pick up pet waste immediately
- Avoid leaking oil products onto driveway.
- Sweep grass clipping and debris out of roadway.
- Remove debris that has settled on storm sewers.

Remember, only storm water should enter the catch basin.

Facts to Consider



Number of days per year exceeding two inches of precipitation is projected to increase to 46% on average by mid-century. Overall storm intensity and frequency is increasing at an extreme rate.

**According to 2022 SEMCOG study "Engineering Guidance for Changing Rainfall."*

Areas of Responsibility

→ Private Owners

Any Individual property owner, homeowners association, or property management company, such as a condominium or apartment complex. Responsible for private roads, personal property, parking lots, building runoff, and other areas of the property.

→ Water Resources Commissioner

Owns and operates some large diameter county drains.

→ County Road Commission or Michigan Dept. of Transportation

Catch basins within the curb line and storm sewer directly under residential streets, along with ditches within the road right-of-way.

→ Bloomfield Township

Primarily consisting of Township Campus facilities and off-site fire stations.

Property owners can improve existing private drainage systems with these tips:

- Add a rain garden.
- Install a French Drain.
- Maintain existing systems.

Work with an engineering consultant or landscape contractor for more ideas and help with installation.