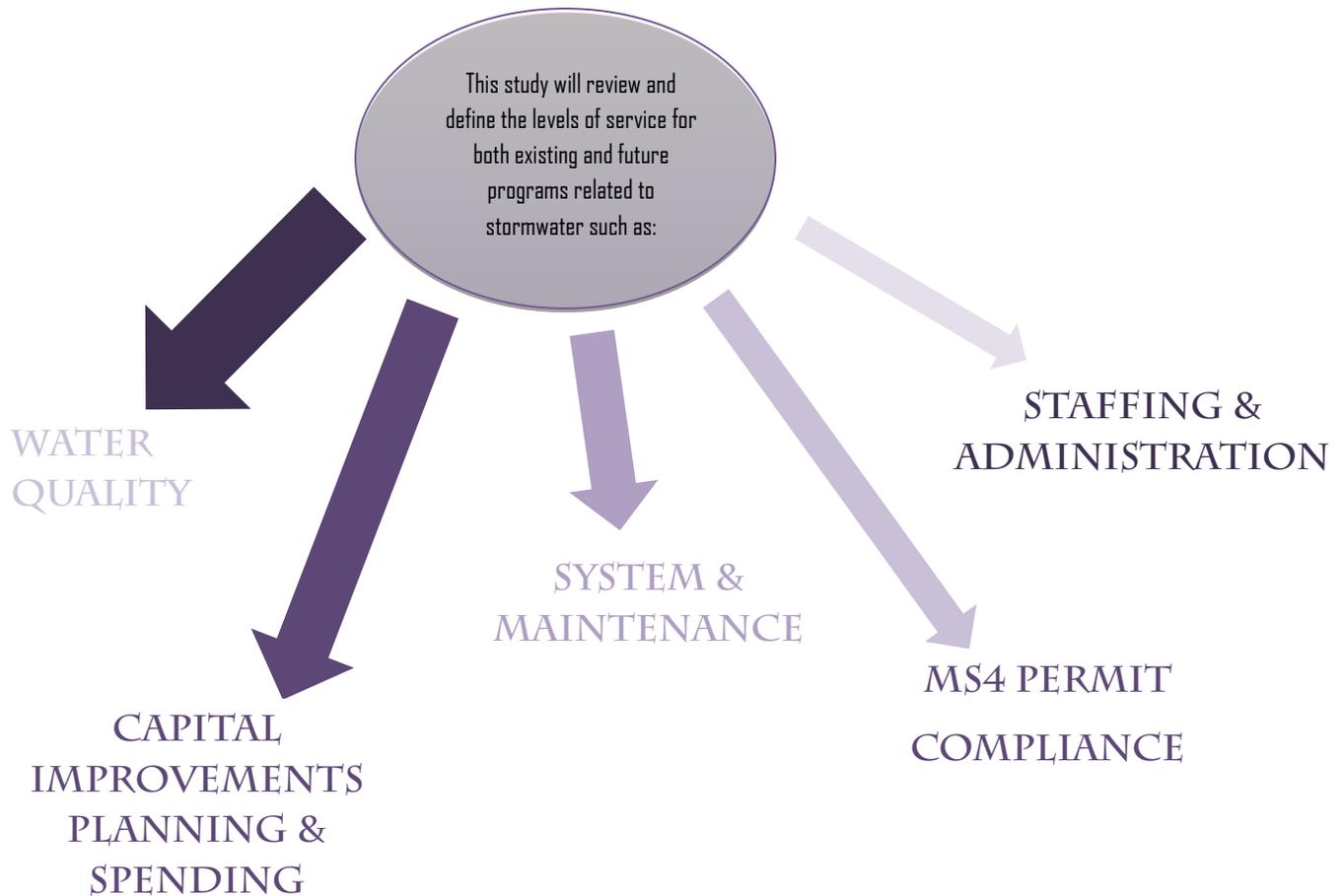


# Stormwater Program Study

## WHAT IS THIS?

The Borough of Hanover is undertaking a Stormwater Program Resource and Funding Study as part of a review of all current programs and expenditures.



\* *Expected date of completion is to be determined, but will be prior to the end of 2018.*

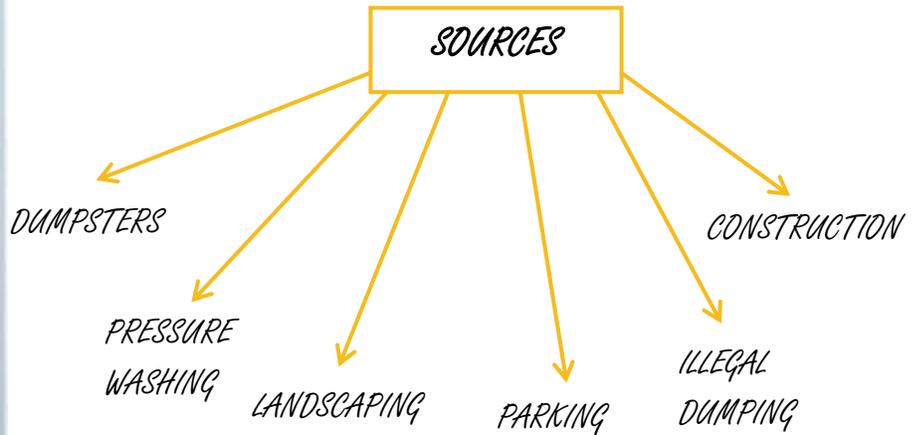


# Stormwater Manage-



◇ What does Illicit Discharge Detection and Elimination (IDDE) mean?

- An illicit discharge is defined as "any discharge that is not entirely stormwater."
- An MS4's separate storm sewer system is not designed to accept process or discharge illicit, non-stormwater waste.
- This includes litter, dirt, grass, oil and waste.



◇ How to eliminate the illicit discharge?

- Observe and report illicit discharge to local government.

## 6 Minimum Control Measures

- ◇ Public Education & Outreach
- ◇ Public Participation & Involvement
- ◇ IDDE
- ◇ Construction Site Runoff Control
- ◇ Post-construction Stormwater Management
- ◇ Pollution Prevention/Good House-keeping

*Hazards Associated with Illegal Dumping and Illicit Discharges*

- ★ Fire Hazard
- ★ Health Risks
- ★ Drains to Chesapeake Bay
- ★ Flooding
- ★ Water Quality Impacts
- ★ Decrease of Property Value
- ★ Rise in Maintenance Costs

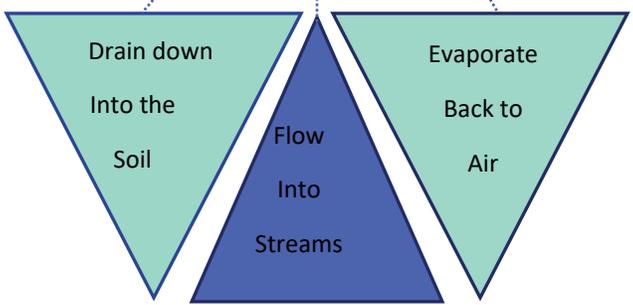
For more  
Information visit:  
[www.dep.pa.gov/MS4](http://www.dep.pa.gov/MS4)



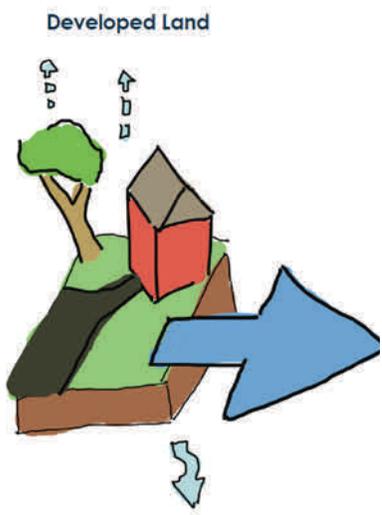
# Stormwater Management

*Stormwater is the water that runs off the land after precipitation, either rain or snowmelt. Runoff happens in natural, undeveloped areas, but typically only for larger storms.*

RAIN or SNOW can:

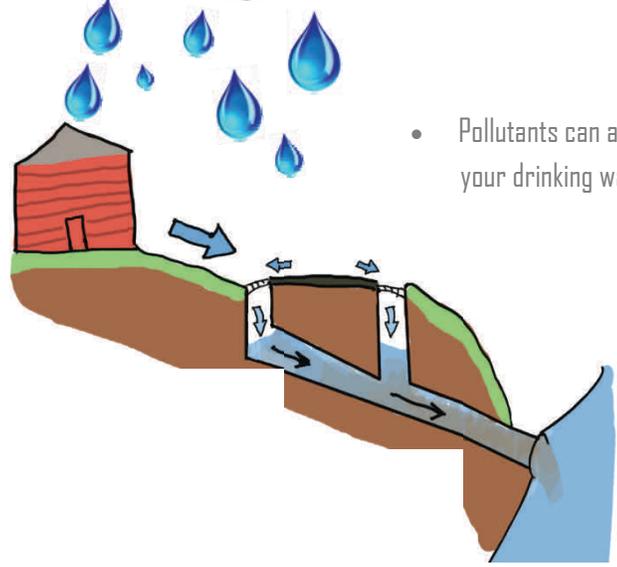


You can see much of the rainwater infiltrates into the soil or is evapotranspired back into the atmosphere.



Where vegetation is replaced with streets, driveways, sidewalks, houses, and lawns, less rainwater is able to infiltrate and return to the atmosphere, and more rain turns into runoff.

Why Should You Care?



- Pollutants can affect your drinking water.

- Stormwater flows much faster on a road which makes it able to pick up more pollutants like sediment, fertilizers, pesticides, bacteria from pet waste, and other contaminants, and carry them to streams and lakes.

- More runoff causes erosion and instability in streams. This decreases habitat for fish and other animals that live in streams.

