

## STORM WATER 101

### CHAPTER 7: WHERE DOES STORM WATER GO?

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Storm water falls directly into streams or is channeled via drainage systems such as down spouts and gutters to storm sewers such as the system we have in the Borough and that you have been reading about in prior chapters of Storm Water 101. This water then flows untreated into nearby streams and eventually empties into local rivers. Dormont's storm sewer system empties into Saw Mill Run and then into the Ohio River. The figure on the left shows in general terms the various types of storm water that our storm water system collects and where it goes.

The figure below represents more specifically where the storm water goes in our system. It flows from the various runoff sources into the many storm drains (inlets) set up throughout the Borough. From there, pipes lead to catch basins which are accessible from manholes in the street. These catch basins are then connected to additional pipes which take the storm water runoff to Saw Mill Run and ultimately the Ohio River.





## **STORMWATER 101**

### **Brought to you by the Dormont Council and its Stormwater Advisory Committee**

#### **THINGS YOU SHOULD KNOW ABOUT OUR STORMWATER IN DORMONT**

- Well over 80% of rain that falls on Dormont does not soak into the soil but runs off into our storm water sewer system;
- We own a storm sewer system made up of 577 inlets and almost 12 miles of storm water pipe but we only know the size and condition of about one-half of that;
- Almost anything that you throw in the street or apply to your lawn flows into Saw Mill Run and then into the Ohio River;
- Our sanitary sewer system and the storm sewer system are two different systems;
- We put over 90 Tons of sediment into Saw Mill Run per year;
- We are under orders from EPA to achieve a total reduction of 73% of sediment and 95% of nutrients that we contribute to the Ohio River;
- There are homes in Dormont that have incurred severe flooding damage due to storm water runoff and an antiquated storm water sewer system.