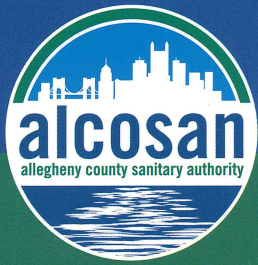


WASTEWATER COLLECTION & TREATMENT: A SHARED RESPONSIBILITY



This is a general representation
of a combined sewer system.

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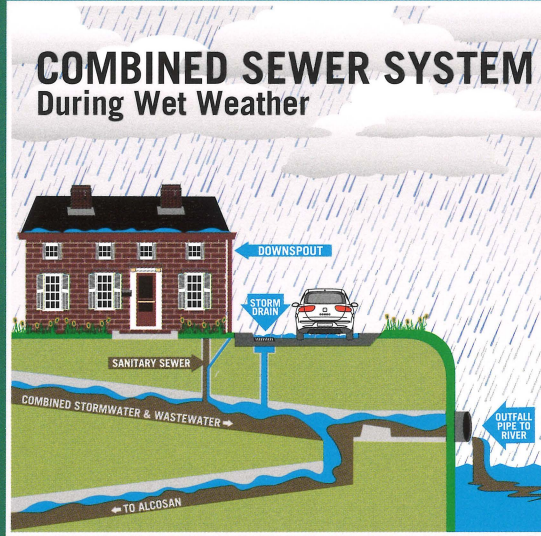
COMBINED SEWERS VS. SEPARATE SEWERS

ALCOSAN
Service Area:
309 sq. mi.

Approximately
52.5 sq. mi.
served by combined
sewer systems

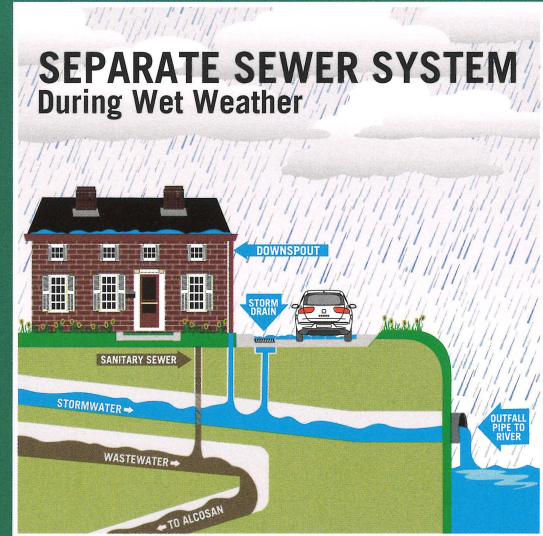
Approximately
160.6 sq. mi.
served by separate
sewer systems

COMBINED SEWER SYSTEM During Wet Weather



Combined sewer systems are designed to collect stormwater, sanitary sewage and industrial wastewater in the same pipe. In dry weather, combined sewer systems transport this flow to ALCOSAN for treatment. During heavy rain or snow melt, however, the wastewater volume is too great and the excess flows into our local waterways. These are called Combined Sewer Overflows (CSOs).

SEPARATE SEWER SYSTEM During Wet Weather



Separate sewer systems are designed to collect sanitary sewage and stormwater in two parallel pipes. These separate pipes allow sanitary sewage to be conveyed to ALCOSAN for treatment, while stormwater is discharged to local rivers and streams without requiring treatment. Overflows from separate sewer systems, which are illegal, are called Sanitary Sewer Overflows (SSOs).