

# A Flood Map Analysis: Visualizing Areas Along the Pipe Network that Intersect Flood Zones at Varying Rainfall Intensities



This map shows areas at risk of flooding during a 90-minute short duration high intensity rainfall event. Portions of pipe that are symbolized along the pipe network represent areas which intersect or lie beneath a flood zone. The risk is symbolized by the amount of rain that must fall for that pipe to be submerged. This information is critical for wastewater specialists to understand and visualize because these areas along the pipe network are at a greater risk of inflow and infiltration during a rainfall event; thus, increasing the demand on the pipe and putting it at greater risk of surpassing max capacity.

