



DIX RIVER WATERSHED – City of Danville Storm Water Program Highlights

Presented By:



OVERVIEW

- Introduction
- MS4 Overview and Storm Water Requirements
- City Floodways
- Past/Current/Next Project Areas
- Water Quality Planning
- Public Education (opportunity)

STORMWATER REQUIREMENTS AND MS4 OVERVIEW



UNDERSTANDING STORMWATER

Stormwater is surface flow, runoff, or drainage resulting from any form of natural precipitation (refers to the water only-not pollutants)

What are Waters of Danville?

- Groundwater
- Lakes, ponds, impounded reservoirs
- Springs, rivers, streams, creeks
- Wetlands
- All other bodies of surface water including the bed and banks

Located wholly or partially inside or bordering the Danville City boundary

Storm Drainage System Includes:

- Roads with drainage systems
- Municipal streets
- Gutters, curbs, inlets
- Piped storm drains
- Ditches, swales, natural and man-made or altered drainage channels
- Retention and detention basins, reservoirs
- Other drainage structures and BMPs

DANVILLE – MS4 PROGRAM

- Public Education and Outreach
 - Critical for long-term, “Local Water Cycle”, schools
- Capital Program
 - Structural Flooding, Structural Failure of Infrastructure, Water Quality
- Illicit Discharge Detection and Elimination Program
 - Dry Weather Screening, sampling, WWTP staff sampling of surface water
- Erosion Prevention and Sediment Control on Construction Sites
 - Rigorous inspection, coordination with contractors
- Post Construction BMPs and Long-Term Maintenance
 - Maintains structures, landowner maintains landscaping unless installed by City
- BMPs for Municipal Maintenance Activities
 - Staff training and development, good housekeeping

UNDERSTANDING STORMWATER MANAGEMENT NEEDS SHAPES FUTURE GROWTH OF THE CITY

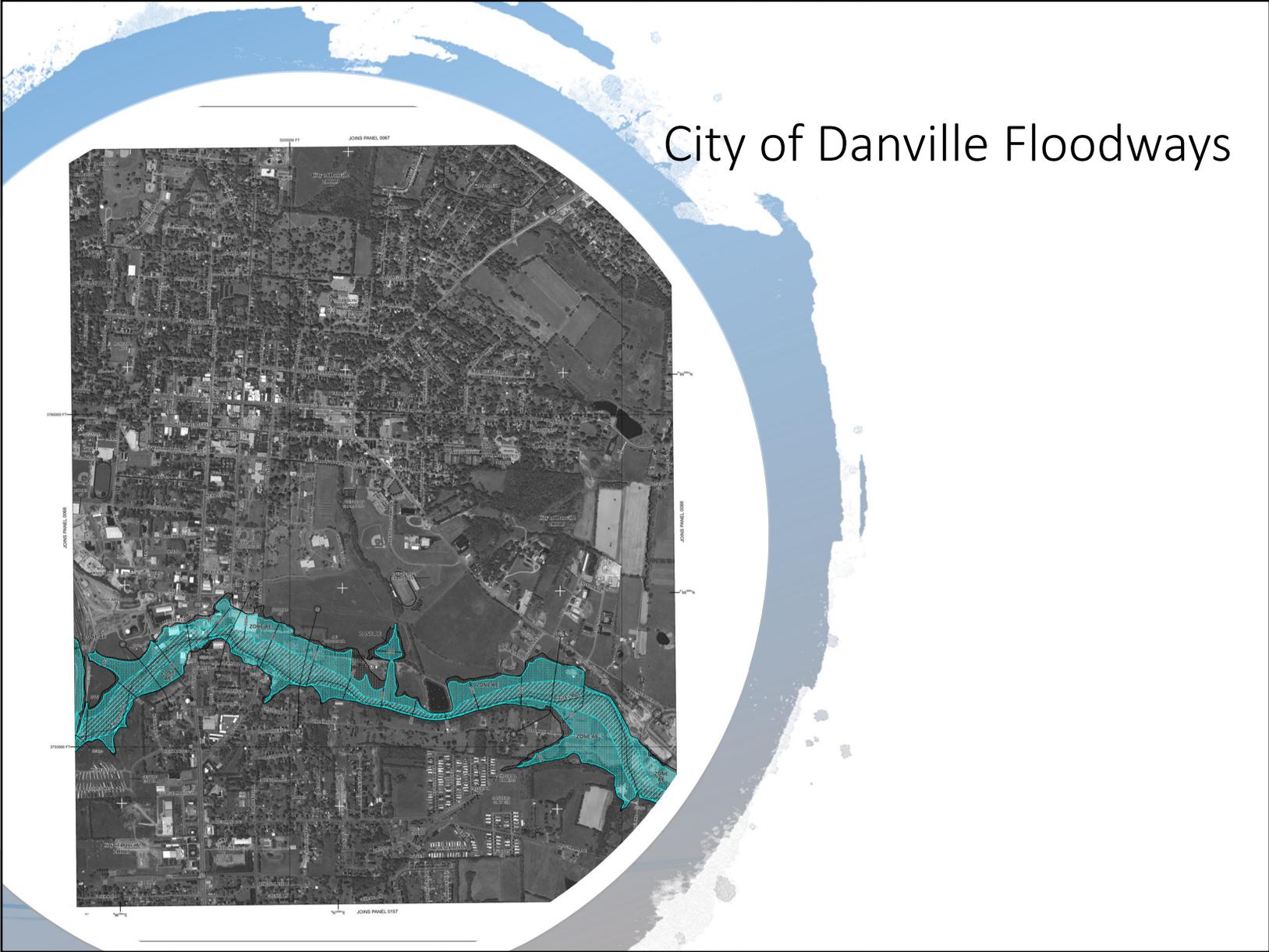


Sources (top left to bottom right):
www.wkyt.com; www.athensswcd.org; trenchlessonline.com;
clarksrun.squarespace.com/about-clarksrun/; environmentalheadlines.com

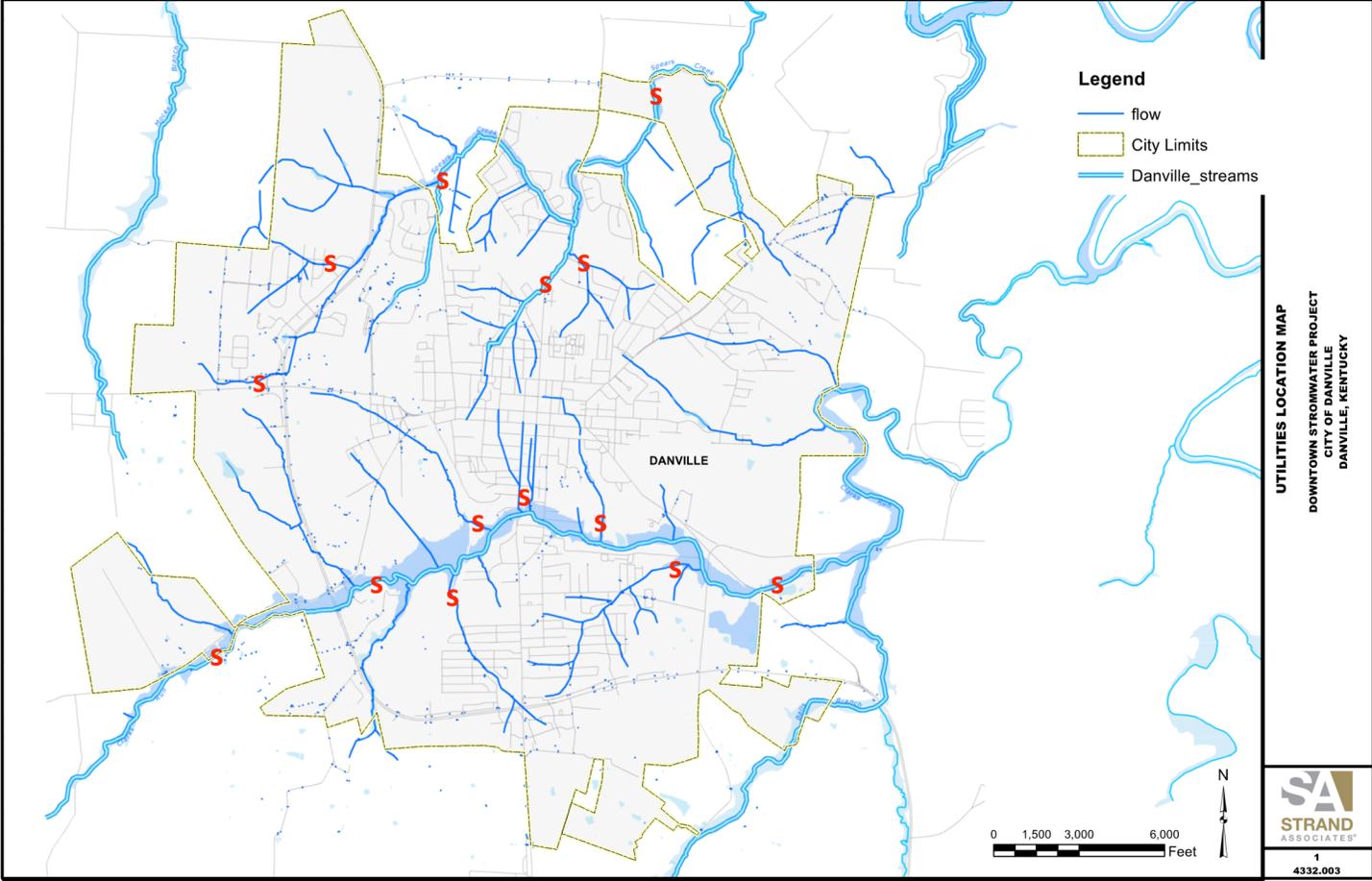
CITY OF DANVILLE FLOODWAYS



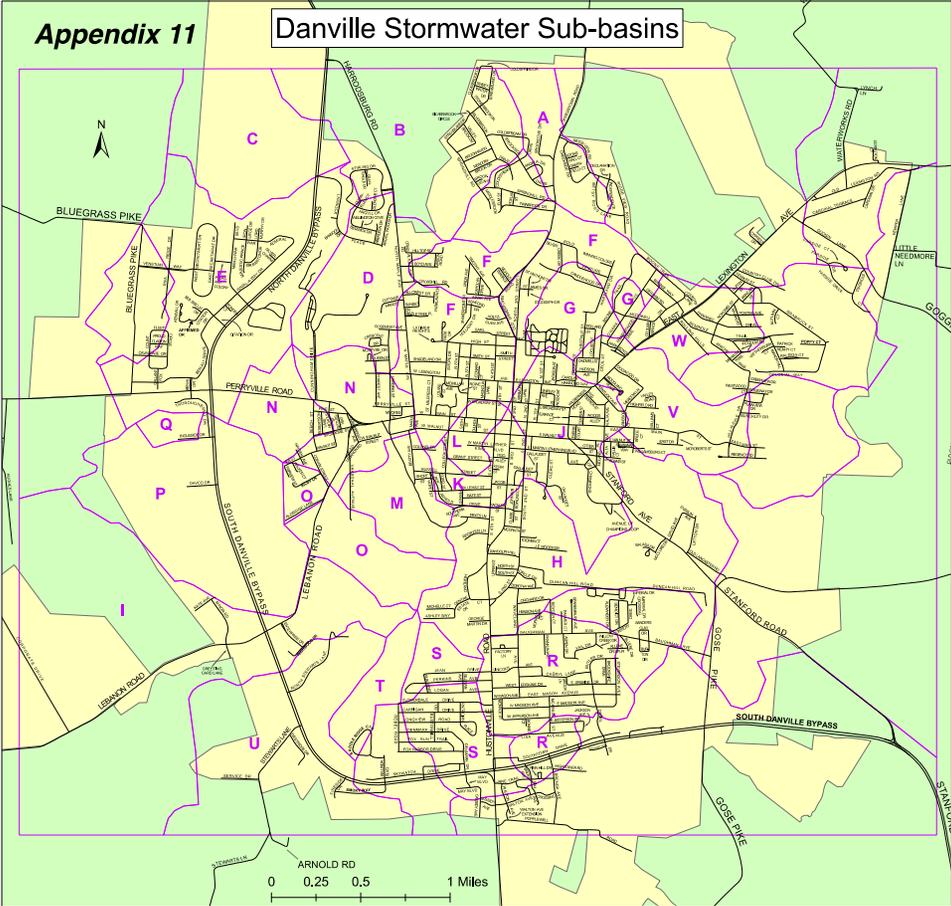
City of Danville Floodways



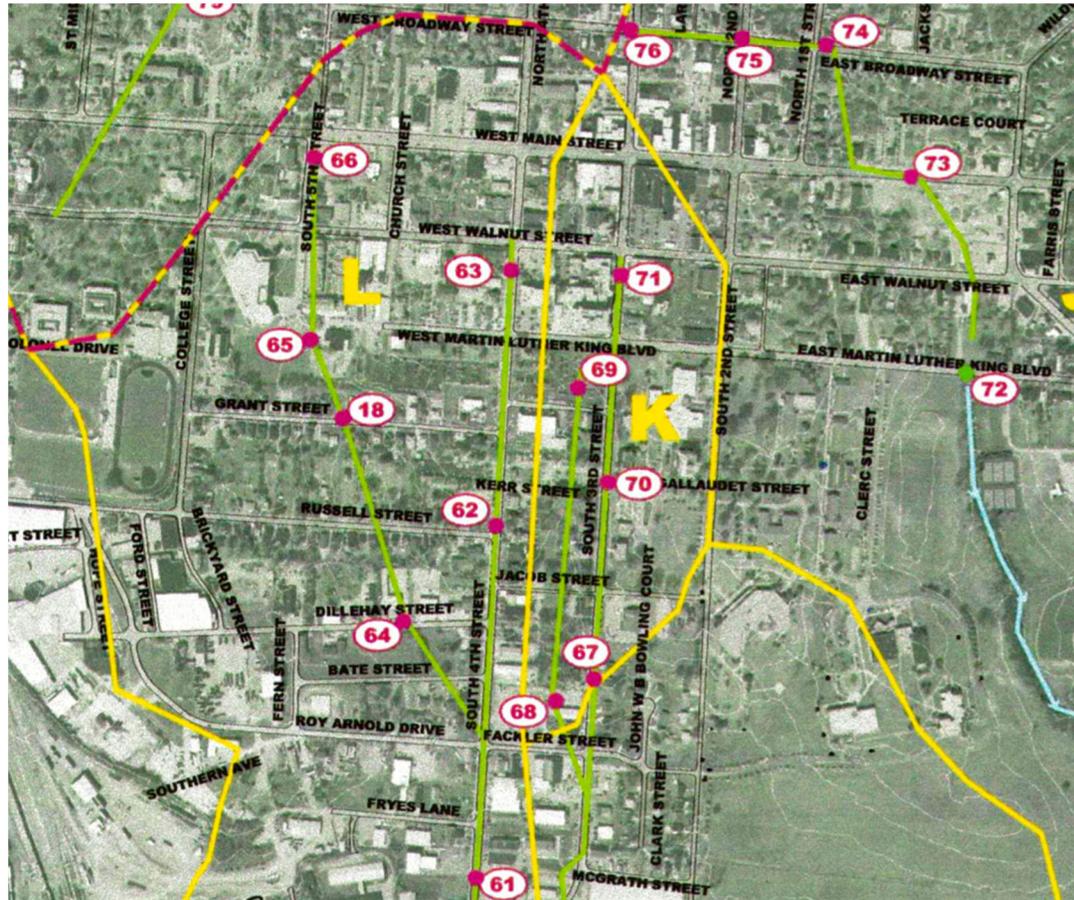
City of Danville Floodways



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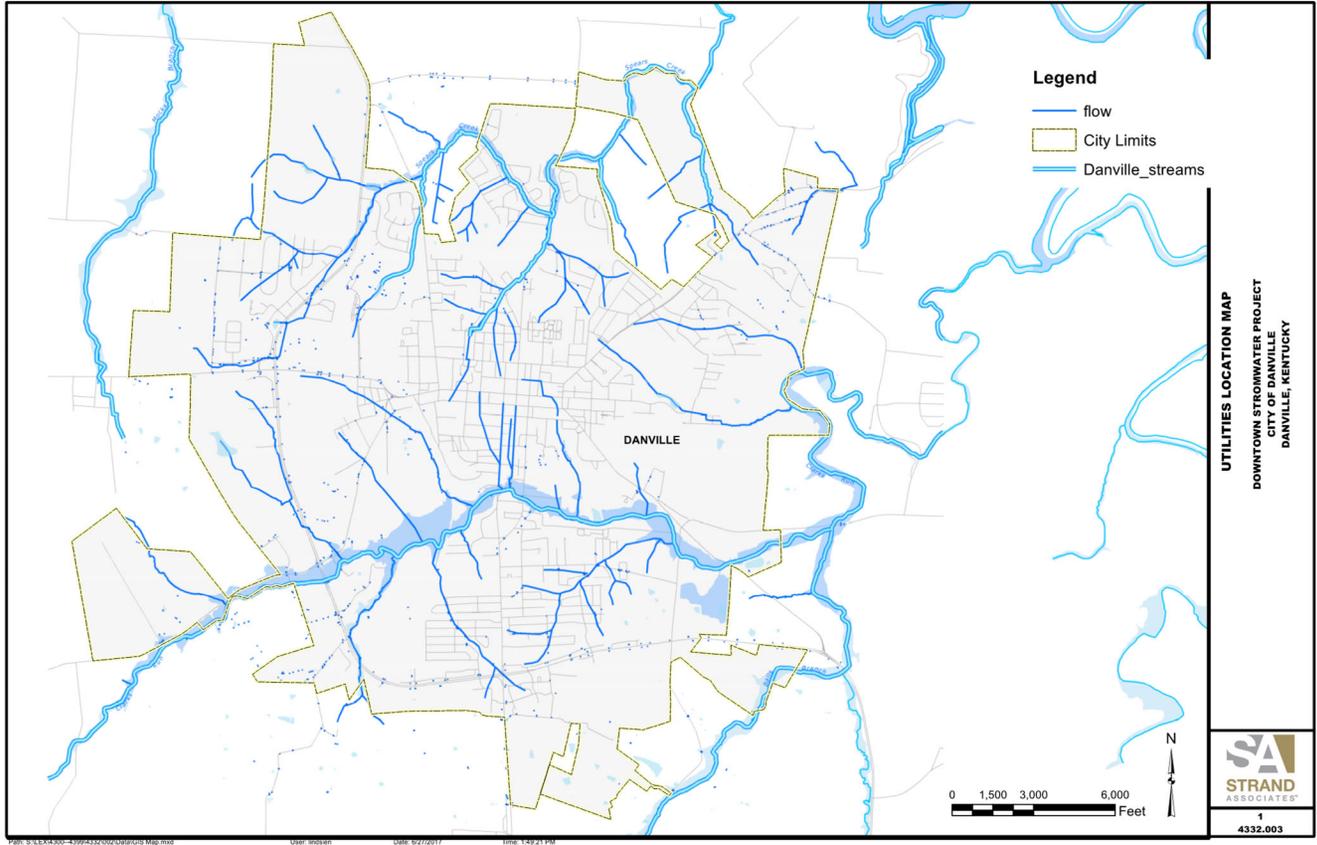
City of Danville Floodways



CITY OF DANVILLE PROJECT AREAS



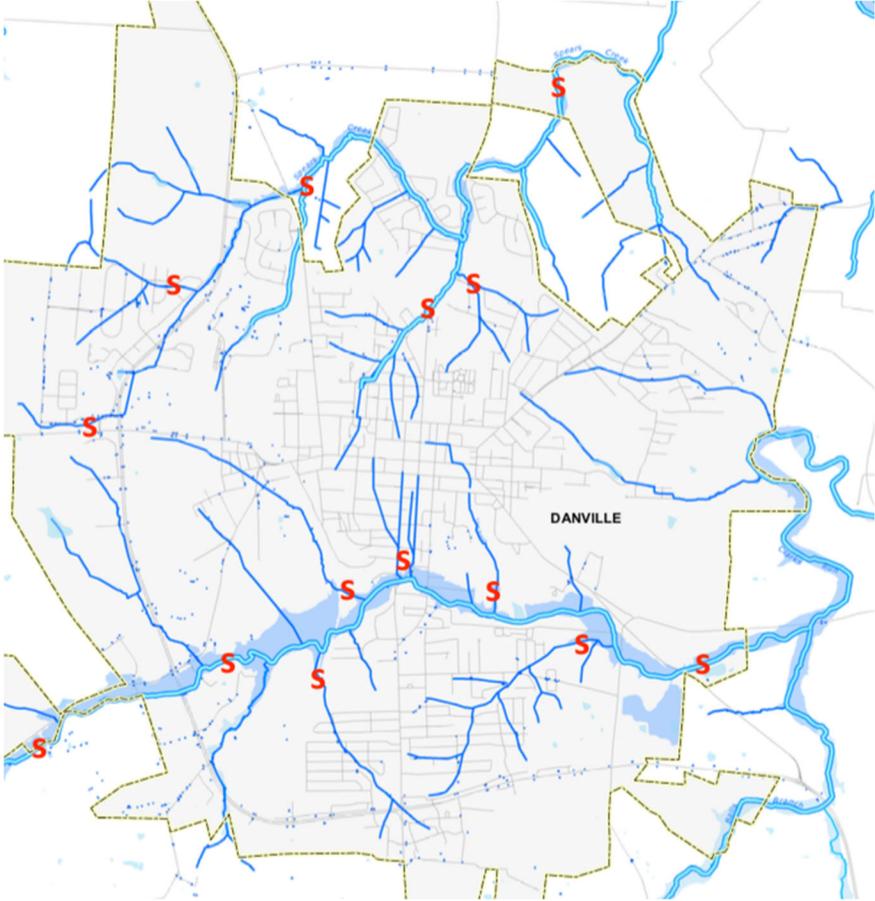
City of Danville Projects



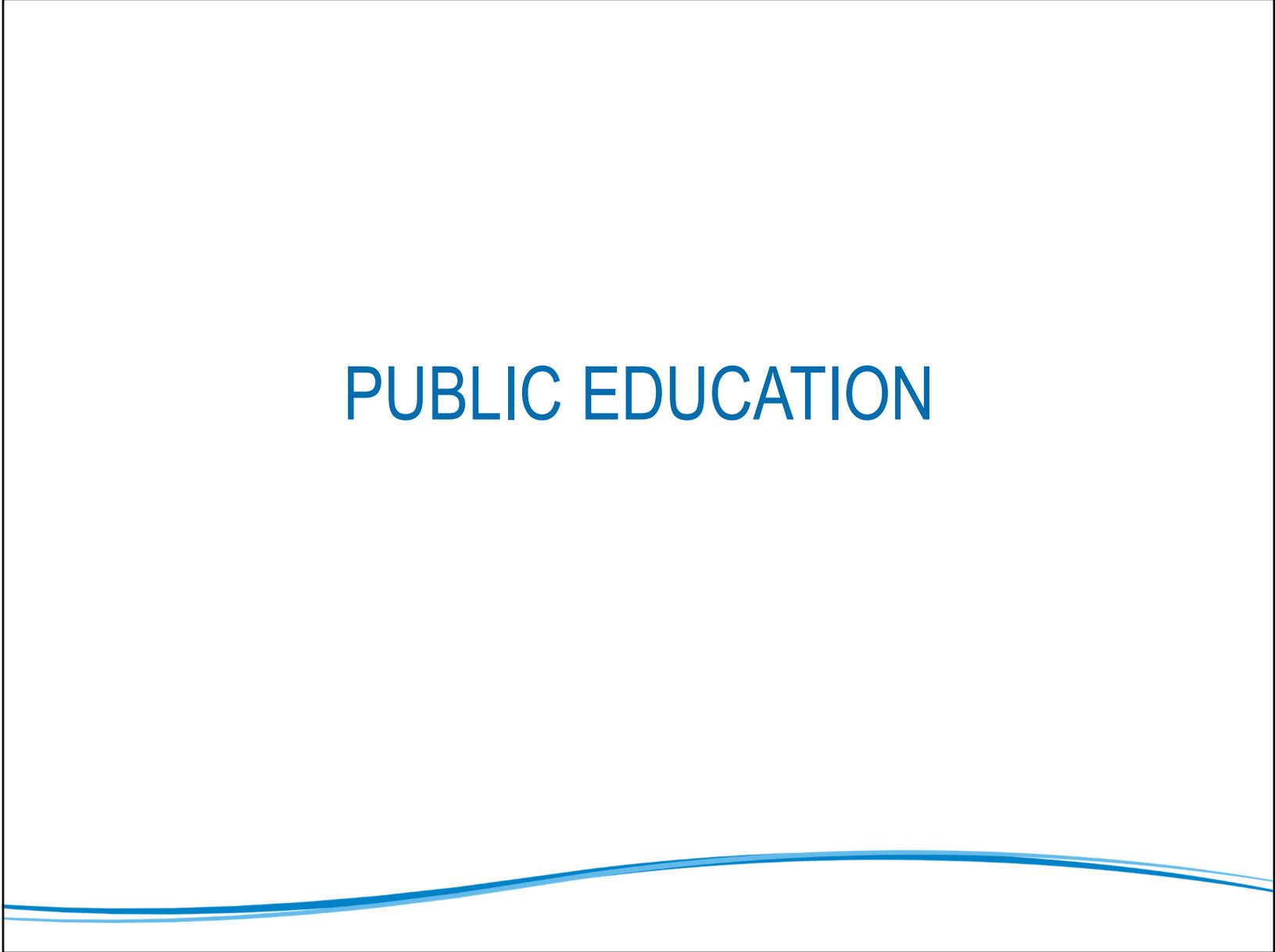
WATER QUALITY



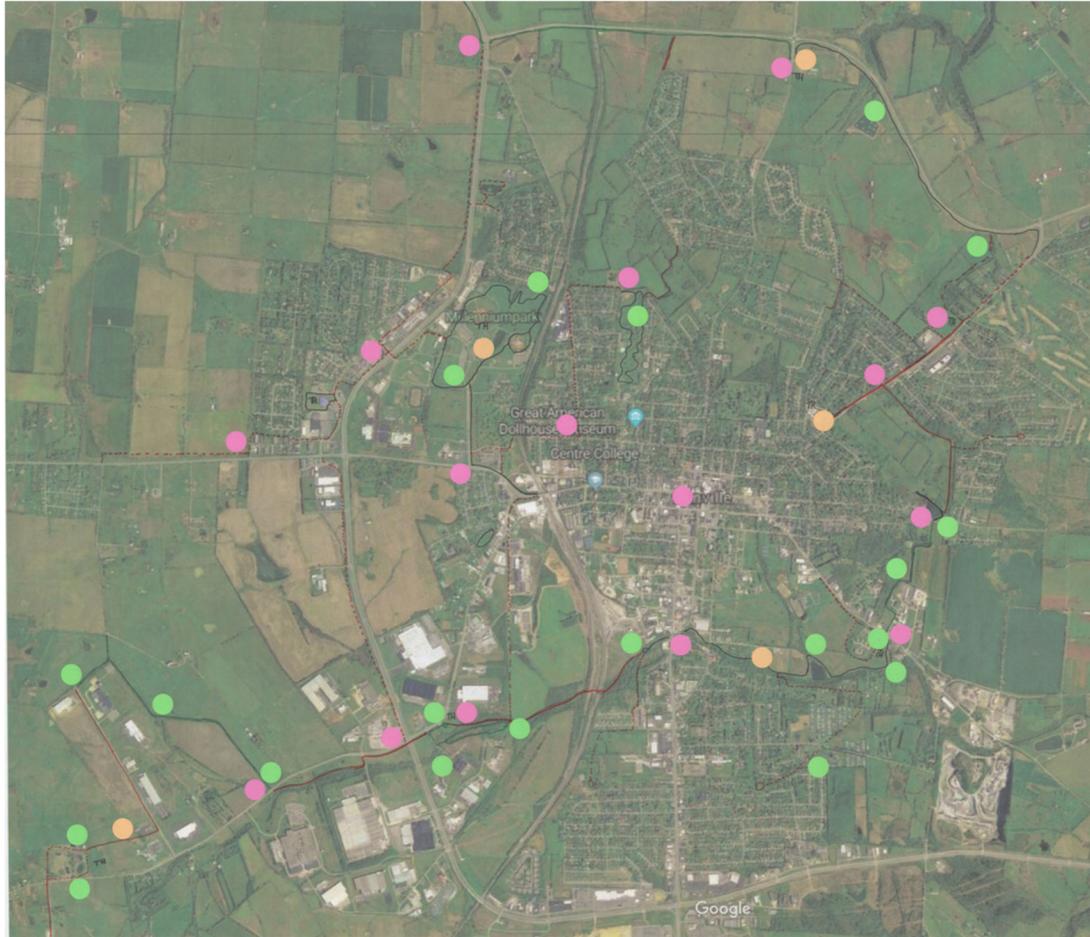
City of Danville Sampling



PUBLIC EDUCATION



City of Danville Education



QUESTIONS AND COMMENTS

