

2016 ILLICIT DISCHARGE DETECTION ELIMINATION – DRY WEATHER SCREENING

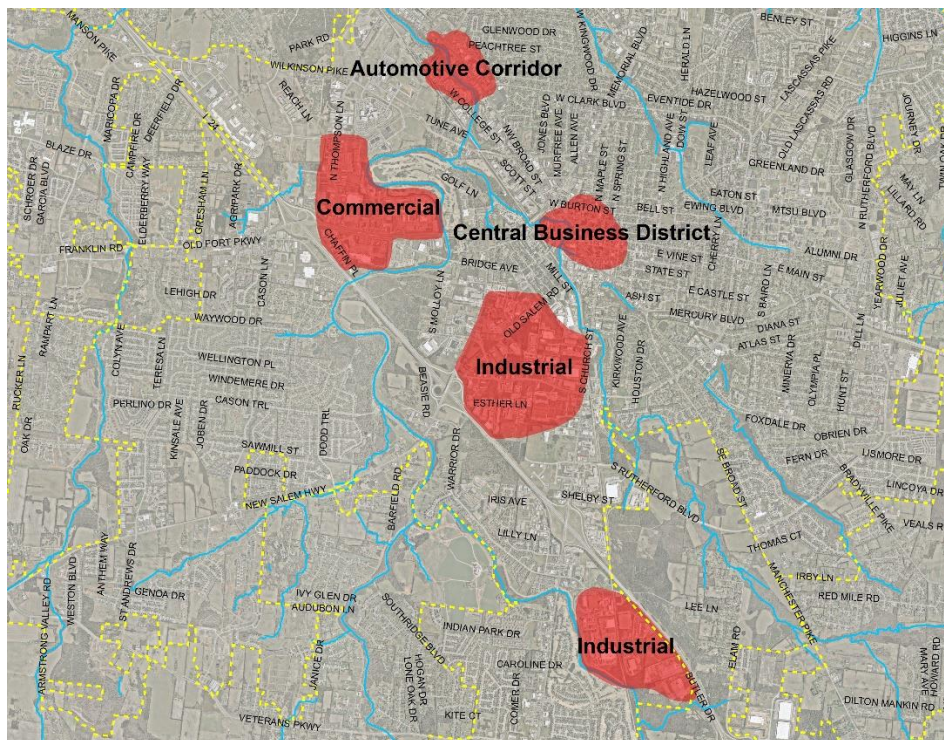
October 2016 - NPDES Permit 4.2.3

Methods

- Hot spot Screening
- West Fork Stones River outfall screening – **18 outfalls screened – 0 illicit discharges, 1 suspicious spring flow**

Hot Spots

Inlets, junction boxes, and open channels were screened in hot spot areas that represent commercial, automotive, industrial, and land uses as well as points in the central business district. Notes recorded in GIS.

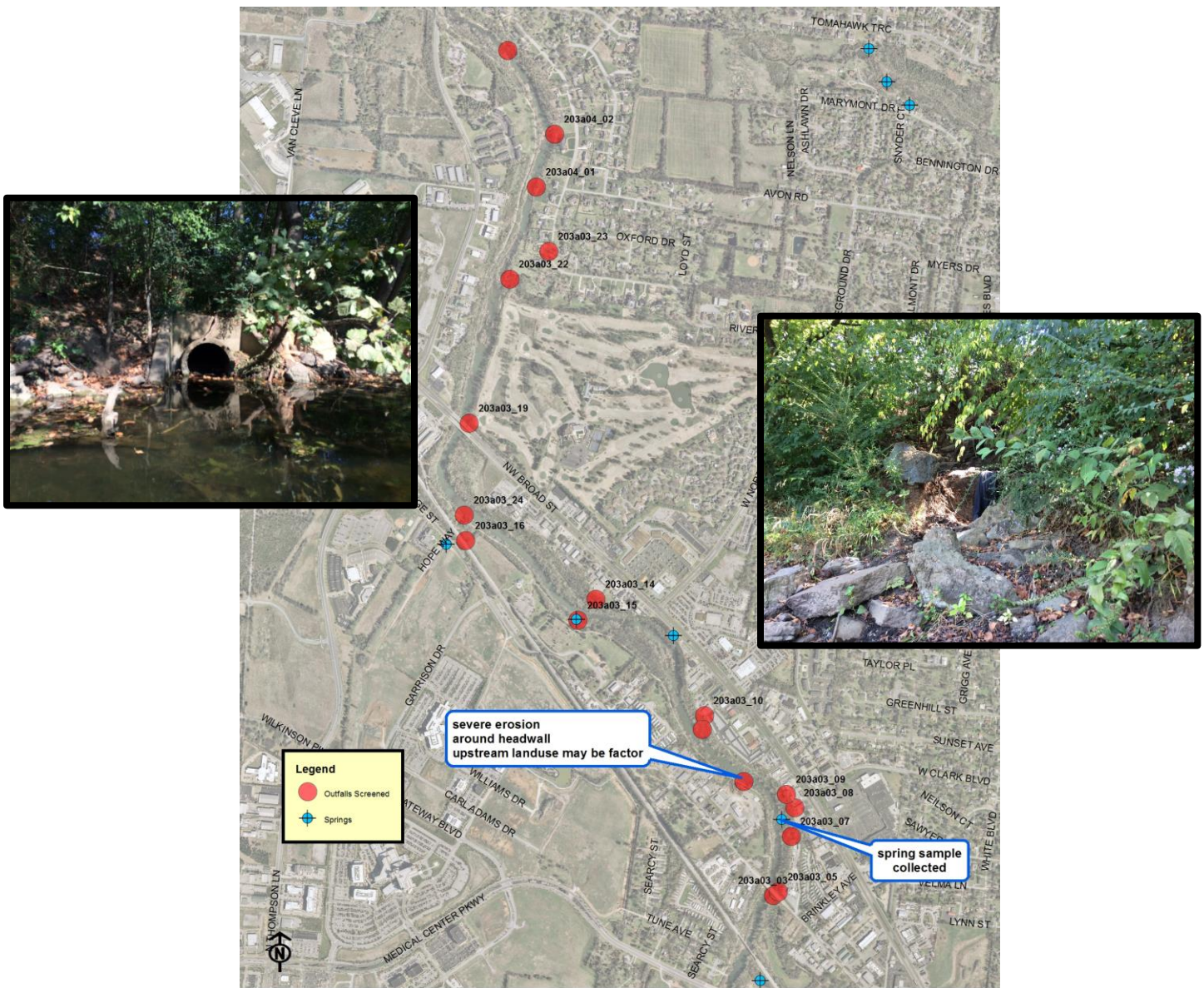


Dry weather Screen hotspots

- No illicit flows found
- TGI Fridays at Stones River Mall - AC condensate flow was observed again flowing across parking lot.
- Vintage Performance on West College Street – follow up from 2015 dry weather screening. Flow emerging from backside of building covered with gravel while smaller flow in driveway remains.
- Area around major construction projects in the CBD was found to be clear.

West Fork Stones River Outfall Screening

Outfalls along the West Fork of the Stones River between Searcy Street and Thompson Ln were screened for illicit flows and general structure conditions. The survey team also obtain GPS points for general stream conditions such as erosion and algae blooms. Staff recorded all finding in mapped outfalls in GIS.



Investigations/ Follow up

- Suspicious spring along West Fork Stones River (see map) was tested and appears to be natural despite historically low flow. Either unique geologic condition or unknown discharge.

