

3.2.2

Highlights of the EPA Mandated Phase II Municipal Separate Storm Sewer System (MS4) for the Ohio Department of Transportation

Presenter

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DLZ has completed the pilot of the EPA mandated Phase II Municipal Separate Storm Sewer System (MS4) outfall inventory for ODOT and is beginning work on part of a statewide effort that needs to be completed within the next 2 years. DLZ collected all outfall positions and attributes using a GIS data collector and a custom application using a laptop computer.

The presentation will cover data collection, field procedures, and highlight an advanced web-based management system for the outfall data developed by DLZ. A focus on the integration between the field data and the ODOT GIS using the NLF ID, BTRS values, and straight-line-mileage will be useful to other contractors. Additionally, the presentation will showcase the advanced use of Windows CE PDAs and laptop computers for linking to the ODOT GIS data in the field. The presentation will conclude with a demonstration of the new ODOT MS4 web database, which allows multiple contractors to upload field data, link in photographs and site sketches, and perform query and QC functions.