



PROJECT PROFILE: STATEWIDE STORMWATER OUTFALL INVENTORY

Summary: The purpose of ODOT's MS4 inventory is to detect and eliminate the discharge of pollutants into ODOT's stormwater drainage system.



PROJECT STATS

- LOCATION:** Districts 7, 8 and 9
- CLIENT:** Ohio Department of Transportation
Office of Environmental Services
- CLIENT CONTACT:** Brad Fagrell
(614) 752-9963
- COMPLETION DATE:**
- FEATURES:** GPS data collection
GIS mapping
Water resource surveys

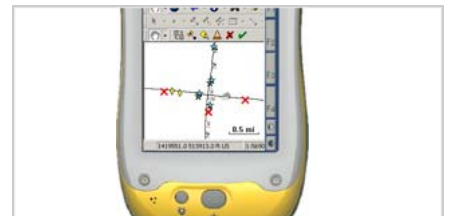
The purpose of ODOT's MS4 inventory is to detect and eliminate the illicit discharge of pollutants into ODOT's storm water drainage system. LJB's project team was selected by ODOT to perform this inventory in ODOT Districts 7, 8, and 9.

The LJB team examined secondary source material (historic roadway plans, USGS topographic maps, etc.) to identify potential outfall locations and inventoried the outfalls using sub-foot GPS technology.

An inventory project of this magnitude required innovative techniques to manage tasks required to identify outfall locations, manage field crews, and integrate the information into an ODOT database. LJB developed powerful job status monitoring tools to provide the project manager and project team with daily data-synching from any location, real time field data crew monitoring, GIS- based data collection progress monitoring, daily web-based weather monitoring, and automated daily workload planning.



Each location was photographed and key points of information were collected with a GPS handheld unit.



The GPS unit increased efficiency by allowing daily data-synching from any location and automated workload planning.