

location

Nicholasville, Kentucky

client

City of Nicholasville

completion date

1999 - 2003

**project overview:**

CDP Engineers is developing the NPDES Phase II Compliance Plan, in conjunction with a Storm Water Master Plan, for the City of Nicholasville. CDP is performing the following major tasks for NPDES Phase II Compliance:

- Inventory the existing major drainage system (equivalent to 36" diameter and larger pipes and open channels) using Global Positioning System (GPS) equipment.
- Develop a storm sewer system map delineating all outfalls and corresponding watersheds to submit with the NPDES Phase II Notice of Intent (NOI).
- Develop Best Management Practices (BMP's) to be implemented by the City to comply with the Six Minimum Control Measures in the NPDES Compliance Plan. Coordinate meetings with various City agencies (Streets and Roads, City Council, Planning Commission, etc.) to develop the BMP's to be implemented. Submit the NOI for the City.
- **As part of our planning efforts, CDP compiled data and quantities of city infrastructure elements such as roads, street lights, storm sewers, utilities, etc. as part of the City's GASB-34 compliance.**

The Storm Water Master Plan will prioritize the numerous known drainage problem areas throughout the City, and the City Commission has initiated a systematic approach to storm water management:

- Initially focus on twelve known problem areas so that residents will benefit from the program immediately.
- Evaluation of the general capacity and condition of the remaining portion of the City's major drainage system.
- Preparation of a final report which will include results of the inventory, hydrologic and hydraulic analyses, and appropriate mapping exhibits.