



Many of New Jersey's municipalities will need technical support to develop their Watershed Improvement Plans and to comply with many of the requirements in the recently renewed MS4 permit. The Rutgers Cooperative Extension (RCE) Water Resources Program's experience makes us the ideal group to offer technical assistance to New Jersey's municipalities. With financial support from NJDEP, the RCE Water Resources Program has hired four (4) engineers to cover four regions of the state, namely the northeastern, central, northwestern, and southern regions. These engineers, under the direction of the RCE Extension Specialist in Water Resources, will help communities to better position themselves for funding opportunities, to begin to evaluate lasting solutions such as stormwater utilities, and to support MS4 and CSO Long-term Control Plan compliance.

Tasks

1. Watershed Inventory Report/MS4 Infrastructure Map

Audit existing digital infrastructure & recommend corrections, identify drainage areas & interconnections (dependent on existing data), provide guidance for private infrastructure/facility data collection, summarize WQ impairments & TMDLs, prepare maps for report

2. Watershed Assessment Plan Support

Summarize nutrient/pollutant loading by HUC14 through land use & impervious cover analysis, estimate load reductions from existing management practices & MS4 permit actions, evaluate effect of BMP's on load reduction, provide example plans for BMP's and protocol/training to develop them

3. Inspection of Stormwater Management Facilities & Infrastructure

Prepare inspection training material for stormwater facilities (inlets, catch basins, pipes & outfalls), review/correct existing inspection protocols, provide in-person field training day to inspection team

4. Illicit Discharge Detection and Elimination Program

Provide training on how to conduct Illicit discharge program, review & correct existing procedures, provide hands-on field sampling training day

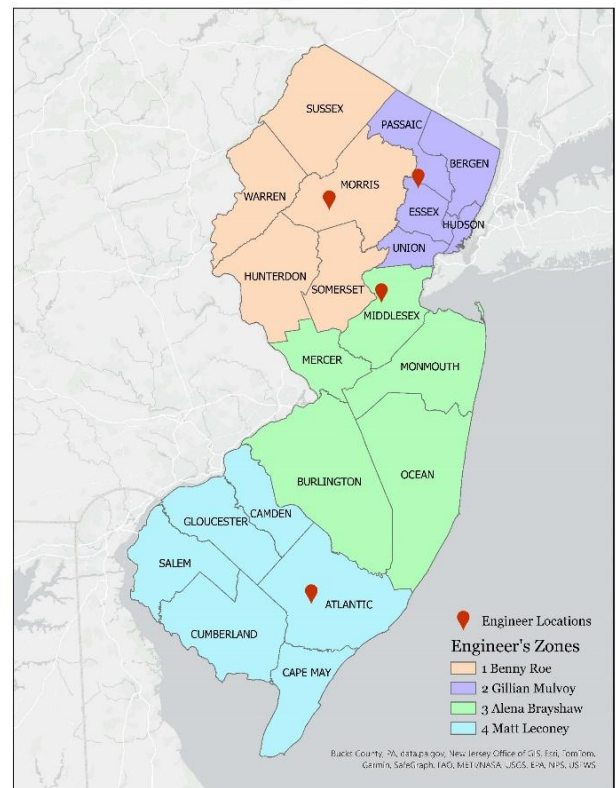
5. Additional MS4 Compliance

Evaluate the effectiveness and compliance with existing ordinances & street sweeping protocol, and recommend changes and amendments to maximize benefits

6. Other/ Open to Requests

Provide guidance on establishing a stormwater utility, evaluate environmental sensitive/flood-prone areas to avoid developing, review stormwater problems/designs, provide guidance/support for requests related to stormwater management

MS4 Engineer's Zones





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