

# NCDOT Highway Stormwater Program



## Illicit Discharge Detection and Elimination Program (IDDEP)

IDDEP identifies, reports, and eliminates illegal dumping into NCDOT stormwater sewer systems.



## Stormwater System Inventory Program

NCDOT maintains a GIS-based stormwater system inventory to assess impacts and prioritize solutions.



## BMP Toolbox

The BMP Toolbox documents NCDOT's design guidelines for stormwater control measures.



## BMP Inspection & Maintenance Program

NCDOT inspects and maintains stormwater control measures to maintain performance and identify design improvements.



## BMP Retrofit Program

NCDOT implements structural and non-structural retrofits to reduce pollutant loads and evaluate innovative practices.



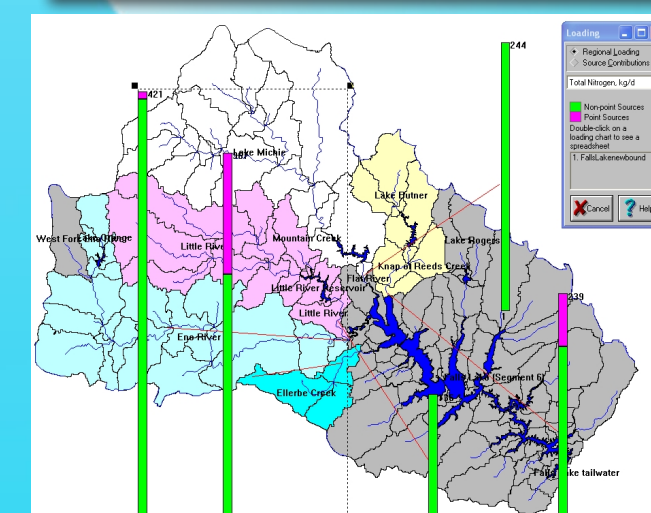
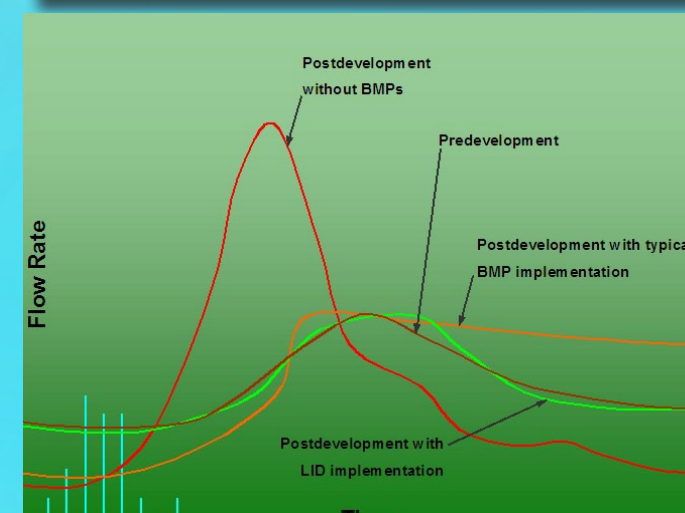
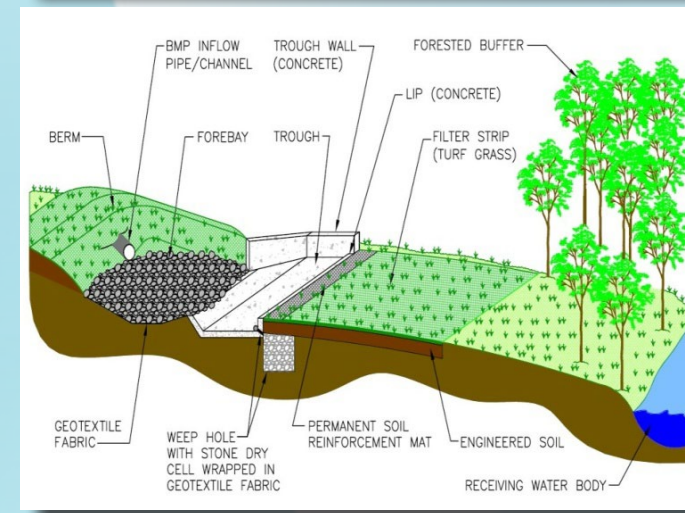
## Post-Construction Stormwater Program

NCDOT manages stormwater runoff from new development and redevelopment through context, design parameters, and stormwater control measures.



## Vegetative Management Program

NCDOT improves stormwater runoff quality from the right-of-way through managed landscaping and pesticide/fertilizer application.



## Encroachment Program

Utility companies, private developers, local governments, and others gain access and connection to the NCDOT right-of-way through encroachment permits. Encroachment permits require that permittees meet stormwater management requirements.



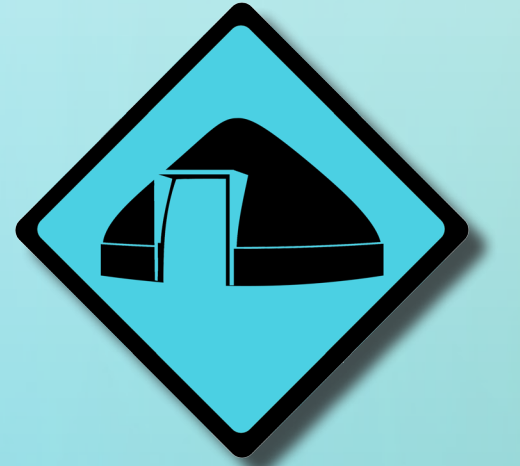
## Construction Program

NCDOT manages stormwater discharges from construction sites through the Department's delegated Erosion and Sedimentation Control Program.



## Industrial Activities Program

NCDOT maintains and performs Stormwater Pollution Prevention Plans (SPPPs) for all industrial facilities that include maintenance yards, ferry terminals, and remote material storage locations.



## Education Program

NCDOT provides both internal and external stormwater education and training.



## Research Program

Through the Research Program, NCDOT uses science to develop understanding that leads to effective solutions.



## TMDL Program

NCDOT manages Total Maximum Daily Load (TMDL) requirements for impaired streams through assessment and monitoring, modeling, and stormwater control practices.

