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 permitees 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.