

The storm water regulations promulgated in 1990 have required industrial and municipal facilities owners to develop permit applications, sample storm water, and develop Storm Water Pollution Prevention Plans (SWPPPs). EnSafe's staff are experts with attaining/maintaining compliance with state and federal rules. Innovative and sustainable solutions to managing storm water generation and runoff onsite before, during, and long after construction requires diverse technical competency to maintain regulatory compliance and effectively oversee the multiple phases of construction. EnSafe provides the technical expertise to produce construction site-level SWPPPs and/or erosion control plans as well as the expertise to support the complex requirements outlined in the multifaceted storm water management programs required of Municipal Separate Storm Sewer System (MS4).

creative thinking. custom solutions.

STORM WATER PROGRAM SERVICES

- Permit application preparation and negotiation
- Storm water permit compliance assistance
- Best management planning (BMP)
- Preparation of SWPPPs and storm water BMP plans
- Chemical characterization of storm water runoff
- Storm water sampling using automatic sampling equipment
- Assistance with manual sampling by providing required monitoring equipment, sample collection bottles, shipping papers, sampling and shipping instructions, and laboratory analyses
- Training personnel in all facets of program, including sampling & pollution prevention
- Toxicity testing of effluent using both laboratory & in situ procedures
- Preparing storm water monitoring report form for submittal to state or inclusion in SWPPP
- Integrating storm water program with spill/release prevention program

CONSTRUCTION PHASE SERVICES

- Post Construction (Permanent) Runoff Control Plans
- Post Construction (Permanent) BMPs
- Facilities/Construction SWPPPs
- Erosion Control Plans
- Storm water Quality Testing & Analysis
- Retention Pond Design
- Energy Dissipator Design
- Outfall Mapping
- Visual Stream Assessments
- MS4 Permitting Support

INSTALLATION & MAINTENANCE SERVICES

- Velocity-Reduction Riprap & Stone Dams
- Ditch Scour and Slough Protection
- Diversion and Filtration Berms
- Inlet Protection
- Retention Pond Baffles & Drawdown
- Outlet Structures
- Flocculent Application
- Stream Bank Restoration & Revegetation
- Monitoring, Repair, or Replacement
- Proper Disposal BMPs

- Over 40 years of environmental regulatory compliance experience
- Personnel with erosion and sediment control professional certifications
- Professional engineers
- MS4 expertise

Contact Us

For details on storm water permitting in Tennessee, please call the nearest EnSafe office:

Knoxville

Zachariah Seiden, PE, EdD
(865) 232-5663
zseiden@ensafe.com

Nashville

Tom Green, PE
(615) 255-9300
tgreen@ensafe.com

Shaun Winter, PG
(615) 255-9300
swinter@ensafe.com

Memphis

Chris Triplett, PE
(901) 372-7962
ctringlett@ensafe.com