Town of Plainville
MS4 Services
Plainville, CT

MS4 Services
GZA has been working with the Town of Plainville since 2004 to manage the annual MS4 stormwater sampling and reporting requirements.

GZA staff monitor the weather and select a qualifying stormwater event to collect the stormwater samples. GZA staff prepare the stormwater sample containers for collection, collect the stormwater samples and deliver them under standard chain of custody procedures to a qualified laboratory for analysis. GZA collects visual observations of the stormwater samples and sample outfall conditions at the time of collection and reports any issues to the town.

GZA prepares the annual stormwater monitoring report using the results of the laboratory analysis of the samples for the Town to review before submitting the report to the CTDEEP.

2016 Contract value: $3,200
Phase II Compliance Services & Stormwater System Assessment
Milford, MA
2003-2015

GZA has worked continually with the Town of Milford throughout its five-year permit term to help the Town achieve compliance with the National Pollutant Discharge Elimination System (NPDES) Phase II program for small municipal separate storm sewer systems (MS4).

GZA conducted an assessment of Milford's stormwater system, and then developed a customized Stormwater Management Plan and Illicit Discharge Detection and Elimination Program for the Town. This effort is ongoing, responding to the Town’s specific needs during the five year permit term.

Tasks completed for this project include:

- GPS location of stormwater features,
- Development of a stormwater infrastructure database and outfall map,
- Development of a Stormwater Management Plan (SWMP) for the Town,
- Dry weather field observation of stormwater outfalls, including sampling and analysis,
- Prioritization of sites for future investigation,
- Tracing of illicit discharge sources,
- Review of local ordinances and bylaws related to stormwater and preparation of a town stormwater bylaw which received approval from the Attorney General,
- Preparation of educational materials and presentations for schools,
- Preparation of annual reports, and
- Representation of the Town at meetings with DEP and EPA.

When the 5-year permit term expired, GZA continued to assist the Town of Milford with ongoing compliance throughout the administratively continued permit cycle, and with review of and preparation for the next permit cycle under the Draft General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems in Massachusetts.

The total contract cost for work completed over 13 years was over $230,000.
For more than 10 years, GZA has provided comprehensive environmental regulatory compliance services to MTA, a quasi-state agency created by Maine Legislature in 1941. During this time, GZA has become an integral part of MTA’s stormwater management team that oversees operations, policies, and compliance for the eight (8) Maintenance Facilities, five (5) Service Plazas, eighteen (18) Toll Plazas, Administrative Building, and numerous infrastructure (roadways, park and rides, bridges, culverts, etc.) along MTA’s 109 miles of right-of-way (ROW) from Kittery to Augusta, Maine.

Due to GZA’s comprehensive understanding of Municipal Separate Storm Sewer Systems (MS4) Permit requirements and institutional knowledge of MTA’s facilities and operations, GZA has assisted MTA in successfully developing and implementing three five-year MS4 Stormwater Program Management Plans (SPMPs) and programs that allow MTA to take credit for many existing operations (e.g., sweeping, litter-picking, etc.). This and other innovative strategies have allowed MTA to implement MS4 requirements with minimal intrusion to daily activities (i.e., training crews to identify illicit discharges during routine operations, such as mowing, litter picking, and catch basin cleaning).

The scope of services for GZA’s annual Stormwater Assistance contract with MTA includes a vast spectrum of services, including stormwater compliance assistance for construction projects. GZA has developed a secure web site that serves as a central information repository for construction projects undertaken by MTA. Each of the 78 construction projects currently listed on the site contains convenient information such as project status (e.g., 90 percent design, bid, construction, permit closure, etc.), Limit of Disturbance (LOD), and lists applicable federal, State and municipal permits. Additionally, the site houses associated project documents such as permits, correspondence with regulators, completed compliance checklists, and other compliance documentation, which can be accessed easily by designated personnel.

Project Highlights

- Environmental Regulatory Compliance
- Municipal Separate Storm Sewer Systems (MS4) Permit Compliance
- Data and Document Management