



Granite Street, Route I-293 Exit 5 Interchange Project

Project Location: Manchester, NH

Client: Park Construction Corporation

This construction project included the relocation of roads, the reconfiguration of side streets and the construction of retaining walls and parking lot improvements. It also included building demolition, the relocation of several utilities, sewer reconstruction, and the removal or underground storage tanks (USTs).

Geotechnical Services, Inc. (GSI) prepared a Project Operations Plan (POP) for the portions of the project where soil excavation was to proceed in areas that have contaminated soil and groundwater. Soil contaminated with petroleum constituents, polycyclic aromatic hydrocarbons (PAHs), chlorinated solvents, and heavy metals are present at the site. Soil and/or groundwater contaminated with petroleum constituents, chlorinated solvents, and methyl tert-butyl ether (MtBE) are present at the site.

GSI worked with Park and the NHDOT to develop an approach to excavate, segregate, manage and dispose of asbestos-containing fill, solid waste fill and contaminated soil and/or groundwater and to dewater the areas with contaminated groundwater. The POP contained the following components prepared by GSI: a Soils Management Plan (SMP), a Health and Safety Plan (HASP), and a Dewatering Plan.

