

PROGRESSIVE ENGINEERING & CONSTRUCTION, INC.

Project Summary



REEDY RIVER PIPELINE RELEASE SITE SIMPSONVILLE, SOUTH CAROLINA

Progressive was retained to design and implement final corrective measures to replace an ineffective interim remedial system at this site where a pipeline failure released more than 1,000,000 gallons of gasoline. The primary goals of the corrective measures were to expedite the remediation program and achieve site closure in a timely manner.

Progressive provided design, permitting and construction management of the remedy, as follows:

- ◆ Installation of a dewatering system including 3,000 linear feet of piping, a multi-stage water treatment system, discharge piping, and associated electrical power and controls. A total of 2,543,642 gallons of groundwater were extracted, treated (via oil/water separation, air stripping and carbon adsorption) and discharged through a NPDES permitted outfall without any exceedance of discharge limits.
- ◆ Procurement of permits for discharge of treated water removed from the dewatering process, and performance of permit compliance monitoring and reporting.
- ◆ Excavation of 10,812 cubic yards of contaminated soil and debris for off-site disposal. The waste handling portion of this project required management of 16,788 tons of petroleum impacted soils to an off-site disposal facility via transport by 656 truckloads over four weeks.
- ◆ Simultaneously, Progressive managed importation of 15,290 tons of clean, dry soils (and stone) for backfill of the excavation area via 718 truckloads over six weeks. Progressive was responsible for waste manifests and tracking loads on a daily basis including date, time, load #, truck ID, manifest #, ticket #, and tonnage.
- ◆ The work involved equipment procurement, and selection and management of subcontractors (i.e., civil, mechanical, safety).

Construction was completed ahead of schedule and under the approved budget. Progressive subsequently implemented a closure monitoring program to demonstrate the success of the excavation and dewatering activities. Site closure was awarded by the regulatory agency in March 2005.

PROJECT HIGHLIGHTS

- Site Closure
- Fast-Track Implementation
- Nationwide Permit 20
- Dewatering System
- NPDES Permit
- Corrective Action Plan
- Design/Build Remedy
- Excavation
- Groundwater Treatment System

CLIENT

Colonial Pipeline Company
2003 - 2005

"Sounds like another job went amazingly well. I'm not surprised knowing who was involved. Congratulations!" - Mr. Randy Stansberry, Colonial Pipeline Company (email dated 7/30/03).

"After seeing the site and reviewing the scope of the project I said to myself that to complete this work without any incidents would be incredible. I want to tell you that you and the team did an OUTSTANDING job!" - Mr. Cliff Wakefield, Colonial Pipeline Company (email dated 7/30/03).



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