

Project Profile

Union Road

Description: Remedial Design and Implementation

Location: Cheektowaga, NY

NYSDEC Estimated Value: \$14.0 Million

Contract Value: \$10.0 Million

Actual Value: \$7.0 Million

Client: The Penn Central Corporation

Major Activities

- Remedial Engineering and Design
- Environmental Remediation

In support of the PRP for this New York State Superfund site, reports prepared by a NYSDEC contractor were reviewed. These reports included the Remedial Investigation report, the Human Health Risk Assessment report, the Environmental Assessment report, the Feasibility Study report, the Conceptual Design report and the Proposed Remedial Action Plan.

As a result of our review of these documents, a Remedial Action Work Plan was submitted and negotiations with the NYSDEC concerning the involvement of the PRP in this site and the extent of remedial action required began. Technical assistance was also provided to project counsel regarding negotiation of a Consent Order for the site.

The tasks identified in the Remedial Action Work Plan were implemented and the final engineering design plans and specifications were prepared for the site. The Remedial Action Work Plan included the following:

- Containment Area Design
- Stream Restoration Design
- Construction Management Plan
- Health and Safety Plan
- Clearing and Grubbing Plan
- Contingency Plan
- Erosion Control Plan
- Soil Cover and Revegetation Plan
- Vegetation Screening Plan
- Operation and Maintenance Plan
- Quality Assurance Program Plan
- Dewatering Plan

The Plans and Technical Specifications included the following:

- Contractual requirements for the Contractor;
- Payment Term;
- Temporary Utilities;
- Erosion Control;
- Dust Control;
- Project Close-out;
- Engineering and Survey Control;
- Monitoring Well Abandonment;
- Monitoring Well Construction;

- Clearing and Grubbing;
- Earth Work (excavation of Hazardous Material);
- Construction of a 2000 linear foot slurry cutoff trench;
- Gas collection and migration system;
- Groundwater Dewatering System;
- Installation of Geocomposite and High Density Polyethylene Liners over the 8 acre landfill;
- Turf establishment and Surface restoration;
- Chain-Link Fencing; and
- Excavation of Stream Sediments and Stream Restoration (placement of rip rap in a 2,000 foot section of a creek).

In addition, the following tasks were performed during the construction phase at this site:

- Scheduling various Contractor to perform the work;
- Review and approval of Contractor Invoices;
- Tracking Expenditures against the Project Budget;
- Organize and attend monthly meetings with Contractors and NYSDEC Representatives;
- Coordination and contact with local residents;
- Inspection for compliance of Plans and Technical Specifications;
- Soil verification Sampling;
- Air Monitoring;
- Record Keeping;
- Shop Drawing Review and Approval;
- Change Order Review and Approval for Field Changes; and
- Preparation of As-built drawings.