



RESULTS

BLUE's SVE and Ozone injection system consisted of the installation of 20 Ozone injection points and 17 VE wells to a depth of 17 feet and 9 feet, respectively. The approximate dimensions of the treated area were 80' X 300' X 17 deep (15,100 cu. yds.). During the course of remediation a number of parameters were measured to insure that the remediation program was working and included, off-gases collected in the vapor phase activated carbon canisters, conductivity, DO, pH, temperature, Dissolved Ozone, dissolved petroleum hydrocarbon levels in the groundwater.

We stayed within the guidelines of the client's aggressive construction schedule and met the Site Specific Standards for the site as established by PADEP. Ozone sparging into the groundwater significantly reduced dissolved petroleum hydrocarbon levels across the site ranging from 57% at the source area and to an average reduction in down gradient plume concentrations of 87%. All soil samples taken after the conclusion of remediation activities were below Site-Specific Soil Standards.

SUMMARY & CONCLUSIONS

While the construction at the site is complete, we have submitted a Post-Remediation Groundwater Monitoring Plan to PADEP to demonstrate that groundwater concentrations did not significantly rebound. We are awaiting a concurrence from PADEP. Based on the Post Remedial Soil Sampling results, we have requested an Act 2 Closure of Site soils.

Even though site specific groundwater standards have been met at the compliance points, Act 2 Closure for groundwater has been delayed due to the developer's property ownership and contractual issues.

