



## **Case Study: IN Drycleaner**

### **Project Summary**

A synergistic integration of anaerobic enhancement and zero valent iron was applied at an operating drycleaner in Central Indiana. The geology consisted of an extremely tight glacial till underlain with two separate sand seams. The bulk of the contamination was dissolved phase material in these sand seams. Contaminants including PCE, TCE, cis – DCE, trans-DCE and vinyl chloride were present.

This site utilized a 2-phase injection. This program targeted the predominant sands between 8-10 feet and 18-20 feet. Double injections were performed at various locations inside and outside of the facility while the facility was still in operation.

### **Outcome**

Over a period of 18 months, PCE concentrations have been reduced from over 35 mg/l to levels under detection limits, daughter products are being produced as well as degraded. This site is approaching closure.

“A resource for environmental professionals seeking innovative remedial alternatives.”