



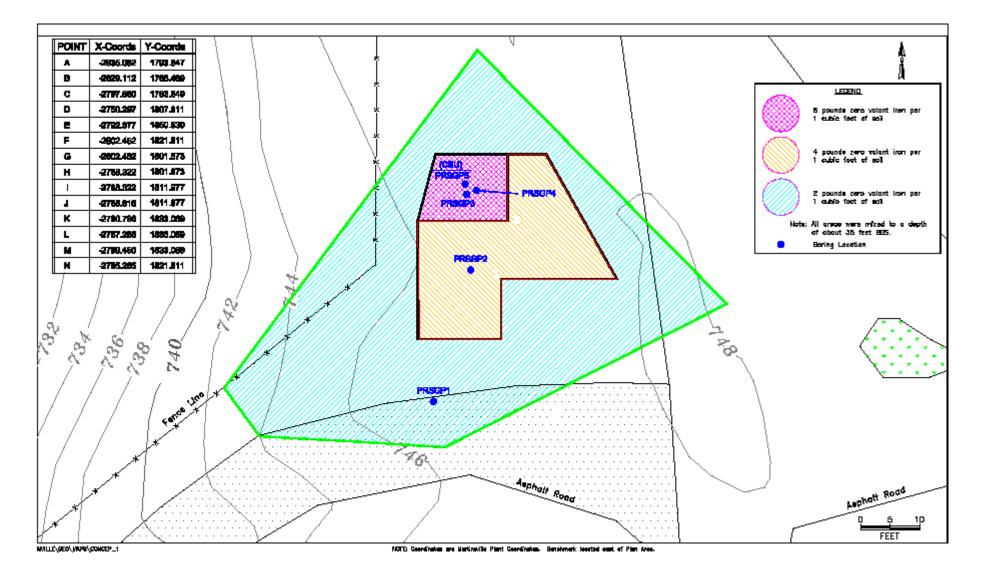
Overview

- Total Amount of Additives
 - 225 tons Iron
 - 340 tons Clay
 - 250,000 gallons Water
- Required 10 weeks, averaged four columns completed per day at end of project

Learnings

- Prepare for dealing with obstructions
- Incorporate iron and clay together
- Water management required
- Difficult to account for all of the iron used
- Additional soil volume generated
- May have air emissions or odors if contamination is near-surface

Post-Remediation Sampling Locations



Preliminary Post-Remediation Results (Maximum Concentrations)

	Pre-Remediation	Post-Remediation
Carbon Tetrachloride	30,000	0.7
Methylene Chloride	39	120
TCE	16	0.9
PCE	19	26

-All results are mg/kg

-44 Pre-Remediation samples

-18 Post-Remediation samples

Next Steps

- Long-term surface water and downgradient groundwater monitoring
- Additional source zone soil sampling
- ZVI Source Treatment Technology applications at other sites

Thank You