



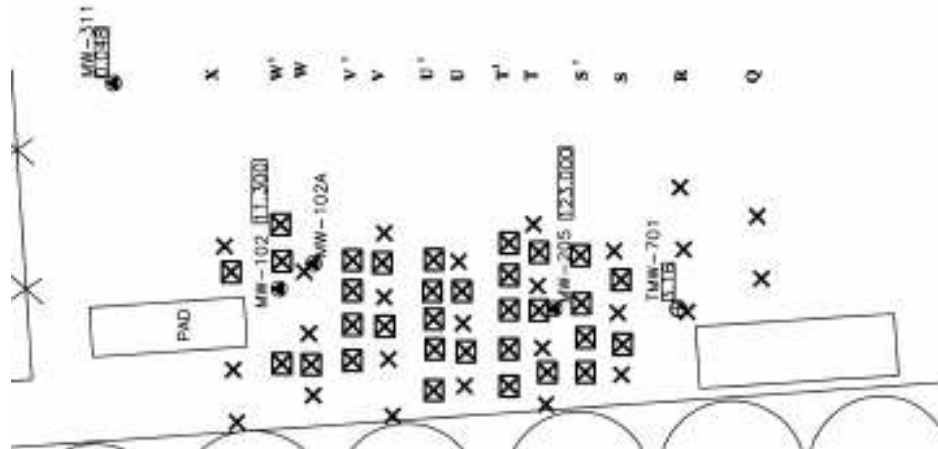
Injection Case Study: EZVI

Site Location	Beaumont, Texas
Material Injected	EZVI
Mass of Material(s)	10,000+ lbs
Targeted Compound(s)	Carbon Tetrachloride, Dichloromethane and Chloroform

Project Narrative:

Innovative Environmental Technologies, Inc. was contracted by a license holder of the NASA EZVI patent to apply the remedial compound at a site in Southeast Texas. The remedial design targeted the Beaumont Clay at depths of 17-33’bgs utilizing a 5’ radius of influence (10’ would have been more beneficial.) In direct correlation with the plasticity of these soils having lower effective porosity, higher sustained pressures and lower flow rates were utilized in the introduction of the EZVI. An illustration of a typical grid is shown below.

Site Layout:



Results:

IET applied the over 10,000 pounds of EZVI to the targeted zones, utilizing IET’s patented injection system over a 4-day period with very limited surfacing. Some short-circuiting was observed due to the close proximity of the injection grid.