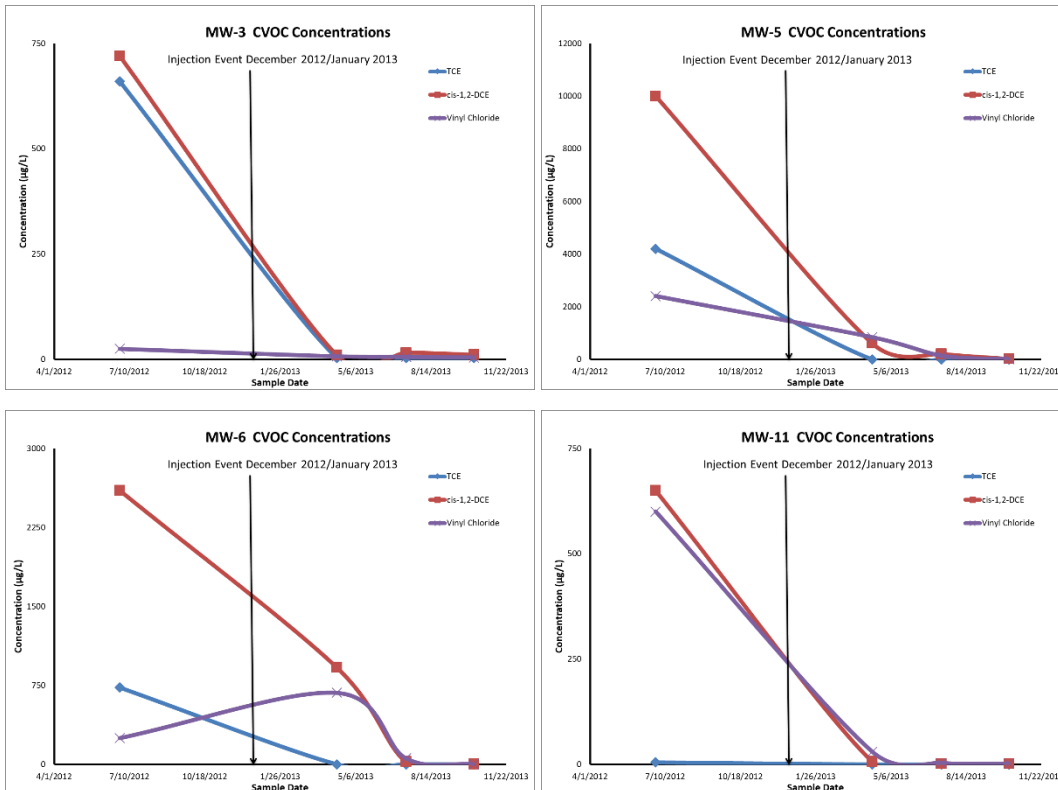
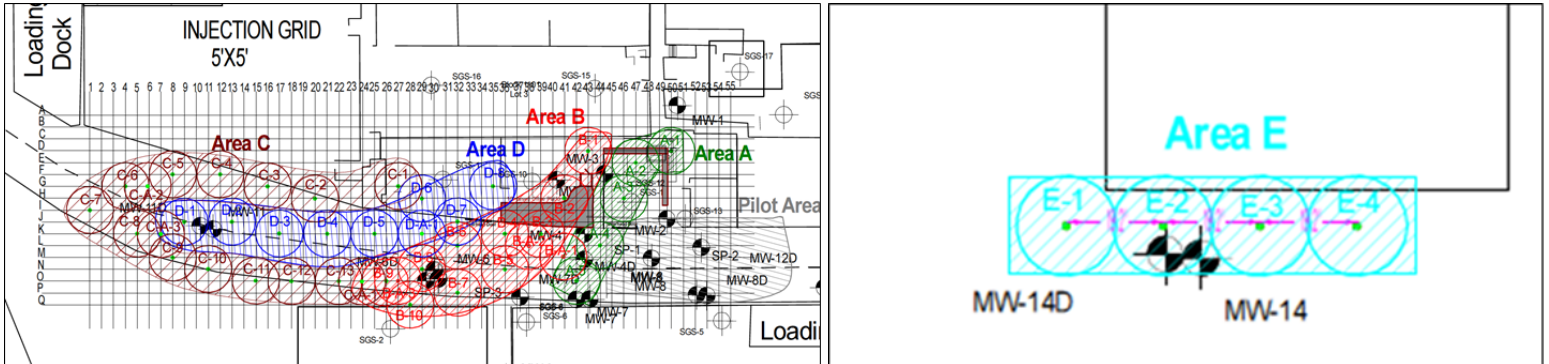


Project Summary

IET implemented a reductive dehalogenation remedial technology design at a site in Ridgefield, NJ, between December 12th 2012 and January 5th 2013, in order to enhance both abiotic and biological reductive processes (U.S. patent #7,531,709) within the targeted treatment area. The targeting injection mixture included EHC[®], kelp, nutrient, zero-valent iron, propionate, yeast extract, sodium sulfite and a mixture of vitamins B2 and B12. The remedial mixture was designed to restrict plume migration while also addressing site contamination by chlorinated volatile organic compounds (CVOCs).



Conclusions

- In MW-3 total CVOC concentrations decreased by 99%.
- In MW-5 total CVOC concentrations decreased by 99.9%.
- In MW-6 total CVOC concentrations decreased by 99.9%.
- In MW-11 total CVOC concentrations decreased by 99.8%