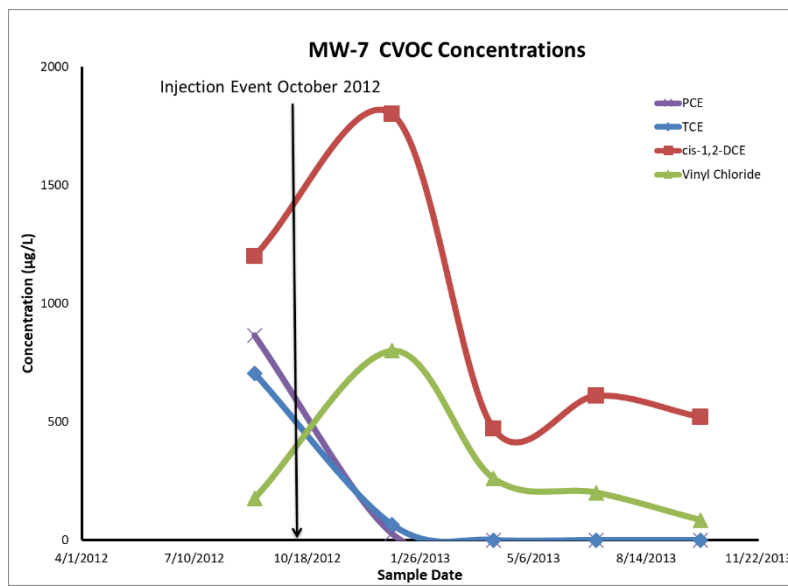
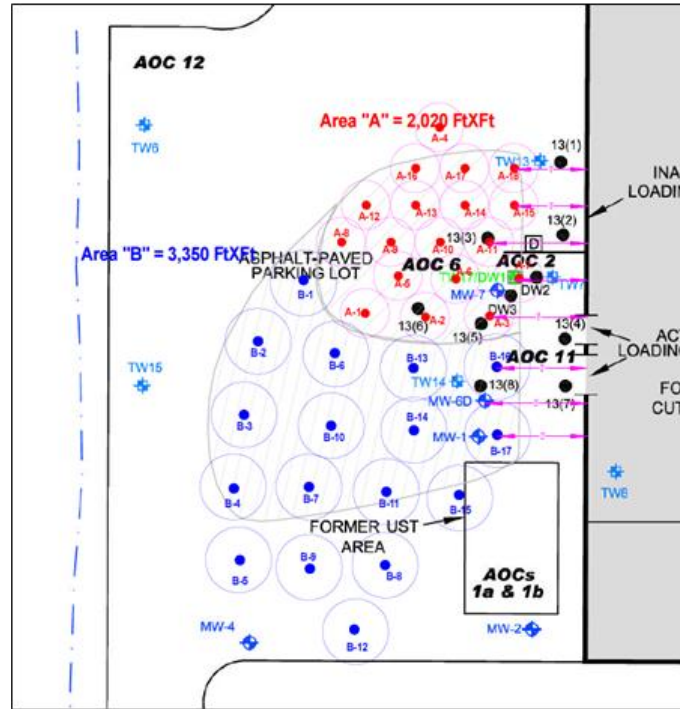


Project Summary

IET implemented a reductive dehalogenation remedial technology design at a site in Lincoln Park, NJ, between October 16th and October 19th 2012, 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

- Total CVOC concentrations in the main targeted well MW-7 decreased by 79%.
- The concentration of the parent constituents of concern PCE and TCE decreased below their detection limits.