















## SEPA United States Environmental Prote

## Baseline Characterization

- Samples collected from over 50 sample locations (including multilevel wells) during June, August, and October 2006 sampling events
- Sample parameters include field parameters (DO, ORP, pH, conductivity, turbidity), VOCs, DHGs, VFAs, anions, alkalinity, TOC/TIC, metals (dissolved, total), and isotopes (C-13, CI-37)
- Integral pump test performed downgradient of Pneumatic Injection test plot



















































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Pre-injection and Post-demonstration VOC Mass Estimates in Pneumatic Injection Plot

Media	voc	Pre-Injection Mass (g)			Post-demonstration Mass (g)		
		Sorbed/Dissolved	DNAPL	Total	Sorbed/Dissolved	DNAPL	Total
Soil	PCE	2,760	29,028	31,788	730	2,137	2,867
	TCE	1,317	0	1,317	521	0	521
	Cis-DCE	1,254	0	1,254	569	0	569
	VC	2,214	0	2,214	114	0	114
Groundwater P T C	PCE	577	0	577	333	0	333
	TCE	267	0	267	182	0	182
	Cis-DCE	588	0	588	819	0	819
	vc	12	0	12	45	0	45
Total Mass (g)		8,990	29,028	38,018	3,312	2,137	5,449
% Reduction					63%	93%	86%









