

Table A-8.C. Technical implementation considerations for cosolvent flushing

Data requirements	Site-specific data for technology evaluation	Groundwater hydraulic conductivity	
		LNAPL characteristics	
		Bench-scale testing	
	Bench-scale testing	Soil cores for column testing	
		Contaminants of concern	
		LNAPL characteristics	
		Cosolvent selection	Number of pore volumes anticipated, amount of LNAPL removed
	Pilot-scale testing	Field test	Volume of cosolvent required
		Cosolvent delivery and recovery	
		Waste treatment/recycle of solvent solution	
	Full-scale design	Groundwater hydraulic conductivity	
		Sweep volume	
	Performance metrics	Groundwater concentration	
LNAPL thickness			
Mass recovered			
Modeling tools/applicable models		UTCHEM	
Further information		ITRC. 2003. Technical and Regulatory Guidance for Surfactant/Cosolvent Flushing of DNAPL Source Zones. DNAPL-3. http://www.itrcweb.org/Guidance/GetDocument?documentID=20	
		Ground-Water Remediation Technologies Analysis Center. 1997. In Situ Flushing Technology Overview Report. TO-97-02. http://clu-in.org/download/remed/flush_o.pdf	