

Table 1a Dense Non-aqueous Phase Liquids (DNAPL's) identified at the Barrel Fill.
DNAPL's are indicated with a D beside the chemical name.

Barrel Fill Contaminant Correlation

Ohio EPA

20-Dec-07

VOCs	Drum Solids	Drum Liquids	Test Pit Liquids	Test Pit Soil	BFOU Soils	Water Table Aquifer	1075 Intertill	1050 Intertill	1015 Intertill	Deep Sand and Gravel
1,1,1-Trichloroethane	D X	X	X	X	X	X				
1,1,2-Trichloroethane	D X									
1,1,2,2-Tetrachloroethane	D					X				
1,1-Dichloroethane	D X	X	X	X	X	X	X			X
1,1-Dichloroethene	D	X	X	X	X	X				
1,2,4-Trichlorobenzene	D X	X	X				X			
1,2-Dibromo-3-chloropropane	D	X								
1,2-Dichlorobenzene	D X		X							
1,2-Dichloroethane	D X		X	X		X				
1,2-Dichloroethene (total)										
1,2-Dichloropropane	D X	X	X							
1,3-Dichlorobenzene	D X	X	X							
1,4-Dichlorobenzene	X	X	X							
2,4-Dimethylphenol			X							
2-Butanone	X	X	X	X	X	X	X	X		X
2-Hexanone	X	X	X	X	X					
4-Methyl-2-Pentanone	X	X		X	X				X	X
Acetone	X	X	X	X	X	X	X	X		X
Benzene	X	X	X	X	X	X	X	X	X	X
Bromodichloromethane	D X									
Bromoform	D							X		
Bromomethane		X		X			X			
Carbon Disulfide	D X	X	X	X	X	X	X	X	X	X
Carbon Tetrachloride	D X			X						
Chlorobenzene	D X		X			X				
Chloroethane	X		X	X	X	X				
Chloroform	D X	X	X	X		X	X	X		X
Chloromethane			X	X		X	X	X	X	
cis-1,2-Dichloroethane	D		X	X	X	X	X			
Cyclohexane	X		X	X	X	X	X	X	X	X
Dibromochloromethane	D					X		X		
Dichlorodifluoromethane	X	X			X	X	X	X		X
Ethylbenzene	X	X	X	X	X	X	X	X	X	X
Isopropylbenzene	X	X	X	X	X					
Methyl acetate	X	X	X	X						
Methyl cyclohexane	X	X	X	X	X	X	X	X	X	X
Methyl Tert Butyl Ether						X				
Methylene Chloride	D X	X	X	X	X	X	X	X	X	X
m-Xylene		X	X			X	X	X	X	X
o-Xylene		X	X			X	X	X	X	X
Styrene	X	X	X	X	X					
Tetrachloroethane	D X	X	X	X	X	X	X	X		
Toluene	X	X	X	X	X	X	X	X	X	X
trans-1,2-Dichloroethane	D X		X	X		X				
Trichloroethene	D X	X		X	X	X	X			
Trichlorofluoromethane	D X	X	X	X	X	X				
Trifluorotrchloroethane	X		X	X	X					
Vinyl Chloride			X	X	X	X				X
Xylene (total)	X	X	X	X	X	X	X	X	X	X

Table 1 is from Attachment 12 of a 4 January 2008 letter from Peter Whitehouse (OEPA) to Ron Murawski (USEPA Region 5) Re: Tremont Barrel Fill RI/FS

DNAPL identifications are from Clu-in (part of US EPA Web resources): www.clu-in.org/download/contaminantfocus/dnapl/Overview/Table1.pdf and from: US EPA/540/4-91-002 accessed at: www.epa.gov/superfund/remedytech/tsp/download/issue8.pdf

Table 1c No DNAPL's appear on this page.

Barrel Fill Contaminant Correlation

Pesticides	Drum Solids	Drum Liquids	Test Pit Liquids	Test Pit Soil	BFOU Soils	Water Table Aquifer	1075 Intertill	1050 Intertill	1015 Intertill	Deep Sand and Gravel
4,4-DDD	X	X	X							
4,4-DDE	X	X								
4,4-DDT	X	X								
Aldrin	X	X	X	X						
alpha-BHC	X	X		X	X	X				X
alpha-Chlordane	X			X	X		X			
beta-BHC	X	X	X	X	X	X				
delta-BHC	X	X	X	X	X					
Dieldrin	X		X	X		X	X			
Endosulfan I	X	X		X	X					
Endosulfan II	X									
Endosulfan Sulfate	X	X								
Endrin	X	X	X			X				
Endrin aldehyde	X		X							
Endrin ketone	X	X	X		X					
Gamma-BHC (Lindane)	X	X		X	X					
gamma-Chlordane	X			X						
Heptachlor	X	X		X						X
Heptachlor epoxide	X									
Methoxychlor	X	X			X					