Table 4-1
Soil Concentration Levels to Determine the Need for Groundwater Evaluation During Tank Closure

Chemicals	Domestic Consumption of Groundwater Pathway			
	Complete		Incomplete	
Benzene	5.61E-02		1.12E+01	
Toluene	2.98E+01	#	1.51E+04	#
Ethylbenzene	3.99E+01	#	5.89E+03	#
Xylenes (mixed)	6.34E+02	#	7.48E+02	#
Ethylene Dibromide (EDB)	4.73E-04		2.18E+00	
Ethylene Dichloride (EDC)	2.06E-02		3.54E+00	
Methyl-tert-butyl-ether (MTBE)	3.98E-01		5.62E+02	
Acenaphthene	1.74E+02		1.69E+06	
Anthracene	3.06E+03	#	1.00E+07	#
Benzo(a)anthracene	6.12E+00	#	6.55E+06	#
Benzo(a)pyrene	3.04E+01	#	5.66E+06	#
Benzo(b)fluoranthene	1.15E+01	#	1.40E+06	#
Benzo(k)fluoranthene	1.18E+02	#	1.72E+08	#
Chrysene	6.12E+02	#	4.84E+06	#
Dibenzo(a,h)anthracene	2.38E+00		5.57E+08	
Fluoranthene	2.61E+03	#	2.27E+08	#
Fluorene	2.11E+02	#	6.19E+06	#
Napthalene	3.25E-01	#	6.72E+02	#
Pyrene	1.50E+03	#	2.70E+08	#
TPH-GRO	1.81E+04		1.26E+04	
TPH-DRO	2.94E+09	#	1.22E+05	#
TPH-ORO	2.94E+09	#	NA	
>C6 - C8 (Aliphatics)	1.45E+04		8.37E+03	
>C8 - C10 (Aliphatics)	3.48E+03		1.73E+03	
>C10 - C12 (Aliphatics)	2.59E+04		8.61E+03	
>C12 - C16 (Aliphatics)	1.17E+06	#	3.92E+04	
>C16 - C35 (Aliphatics)	2.94E+09	#	NA	
>C8 - C10 (Aromatics)	4.12E+01		2.51E+03	
>C10 - C12 (Aromatics)	6.49E+01		1.26E+04	
>C12 - C16 (Aromatics)	1.29E+02		6.20E+04	
>C16 - C21 (Aromatics)	1.11E+03		NA	
>C21 - C35 (Aromatics)	8.79E+03		NA	
Tertiary-amyl-methyl-ether (TAME)	6.77E-01		1.68E+02	
Tertiary-butyl- alcohol (TBA)	5.58E-01		2.59E+04	
Ethyl-tert-butyl-ether (ETBE)	1.06E-01		7.28E+02	
Diisopropyl ether (DIPE)	4.12E+00		9.63E+02	
Ethanol	7.73E+02		1.80E+05	
Methanol	2.08E+01		7.39E+05	
Arsenic	NA		NA	
Barium	NA		NA	
Cadmium	NA		NA	
Chromium	NA		NA	
Lead	NA		NA	
Selenium	NA		NA	

Notes:
All concentrations are in mg/kg. #: Concentration greater than effective soil saturation concentration.
NA: Not Available