

UNDERGROUND STORAGE TANK TYPICAL CLEANUP LEVELS

The following BTEX cleanup levels are typically used if there are no sensitive environmental receptors such as public water wells, geologic areas, vapors in a home, etc. However, the PAH cleanup levels are based on distances to a sensitive receptor.

Substance in Tank	Media	Typical Cleanup Levels
Gasoline	Soil	100 ppm* total BTEX**
	Water	18 ppm* total BTEX**
Diesel, waste oil, or kerosene	Soil	PAH*** See table below.
	Water	PAH*** See table below.

* ppm = parts per million

** BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes (EPA Method 8021B or 8260B)

*** PAH = Polynuclear Aromatic Hydrocarbons (EPA Method 8100, 8270C, 8270D, or 8310)

Cleanup Levels for Polynuclear Aromatic Hydrocarbons

Constituent	Soil Level ppm*		Groundwater Level ppm*	
	0 ft.	50 ft.	0 ft.	50 ft.
Acenaphthene	****	****	2.2	****
Acenaphthylene	9.5	****	0.15	****
Anthracene	****	****	****	****
Benzo (a) anthracene	1.0	****	0.00012	****
Benzo (a) pyrene	0.077	****	0.000012	****
Benzo (b) fluoranthene	0.42	****	0.00012	****
Benzo (g, h, i) perylene	****	****	****	****
Benzo (k) fluoranthene	****	****	0.0012	****
Chrysene	0.096	****	0.000074	****
Dibenzo (a,h) anthracene	0.056	****	0.000012	****
Fluoranthene	****	****	****	****
Fluorene	****	****	1.5	****
Indeno (1,2,3-cd) pyrene	26	****	0.00012	****
Naphthalene	9.8	****	0.73	6.3
Phenanthrene	****	****	1.1	****
Pyrene	****	****	****	****

The distances (0 ft. and 50 ft.) represent the distance from the sample point to a sensitive receptor.

**** denotes that any concentration is acceptable. However, free product must always be recovered.

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