



## Oklahoma Cleanup Standards for Hydrocarbon Contaminated Groundwater

Product	Parameter/ Constituent	Lab Test Protocol & Number*	Detection Level	Notification Level	Action Level	Cleanup Level
Gasoline, Diesel and Kerosene	TPH-Gasoline	OK8020/8015GRO	1mg/L	any amount above Action Level	> 2mg/L	site specific RBCA standards
	TPH-Diesel	OK8000/8100DRO				
	Benzene	EPA 8021B	1mg/L	any amount above Action Level	> 0.005mg/L	site specific RBCA standards
	Toluene	EPA 8021B	1mg/L	any amount above Action Level	> 1.0mg/L	site specific RBCA standards
	Ethylbenzene	EPA 8021B	1mg/L	any amount above Action Level	> 0.7mg/L	site specific RBCA standards
	Xylenes	EPA 8021B	1mg/L	any amount above Action Level	> 10.0mg/L	site specific RBCA standards

**Note:** Oklahoma uses a Risk Analysis in determining cleanup standards on a site-by-site basis.

\* Whatever method is specified must be able to detect the most stringent cleanup levels. EPA Method 418.1 is not an accepted testing method for TPH.

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## Oklahoma Cleanup Standards for Hydrocarbon Contaminated Soil

Product	Parameter/ Constituent	Lab Test Protocol & Number*	Detecti on Level	Notification Level	Action Level	Cleanup Level
Gasoline, Diesel and Kerosene	TPH-Gasoline	OK8020/8015GRO	1mg/kg	any amount above action level	>50mg/kg	site specific RBCA standards
	TPH-Diesel	OK8000/8100DRO				
	Benzene	EPA 8021B	1mg/kg	any amount above action level	>0.5mg/kg	site specific RBCA standards
	Toluene	EPA 8021B	1mg/kg	any amount above action level	>40mg/kg	site specific RBCA standards
	Ethylebenzene	EPA 8021B	1mg/kg	any amount above action level	>15mg/kg	site specific RBCA standards
	Xylenes	EPA 8021B	1mg/kg	any amount above action level	>200mg/kg	site specific RBCA standards

**Note:** Oklahoma uses a Risk Analysis in determining cleanup standards on a site-by-site basis.

\* Whatever method is specified must be able to detect the most stringent cleanup levels. EPA Method 418.1 is not an accepted testing method for TPH. After a gasoline (or similar fuel) release case is activated, all future assessed soil samples must have an approximate 5-g sample placed in a pre-weighed 40 mL glass VOA vial with a septum-sealed cap and containing 5 mL of methanol (EPA Method 5035).

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