

**Clean Earth Sampling Protocol  
Carteret**

PARAMETERS	TOTAL PETROLEUM HYDROCARBONS (TPH)*	TOTAL VOLATILE ORGANIC COMPOUNDS (VOCs)	POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)	TOTAL METALS - 8 RCRA	TCLP METALS RCRA	IGNITABILITY	CORROSIVITY (pH)	REACTIVITY - SULFIDE AND CYANIDE	PCBs	
<b>METHODS (1)</b>		8015C	8260D	8270E	6010D/7471B	1311/6010D/7470A	1030A	9045D	SW846 CHAPTER 7.3	8082A
	<b>FREQUENCY</b>									
<b>RESIDENTIAL</b>	5 point composite sample every 400 CY	<b>X</b>								
	8 point composite sample every 800 CY		<b>X</b>							
<b>Limit (mg/Kg)</b>		<b>**</b>				Below RCRA Toxicity Level	Negative	>2 - <12.5	Sulfide <500 Cyanide <250	<2
<b>COMMERCIAL</b>	5 point composite sample every 400 CY	<b>X</b>								
	8 point composite sample every 800 CY		<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>	<b>X</b>
<b>Limit (mg/Kg)</b>		<b>**</b>			End Use Criteria	Below RCRA Toxicity Level	Negative	>2 - <12.5	Sulfide <500 mg/kg; Cyanide <250 mg/kg	<2

\* - NJ EPH Category 2 Non-Fractionated method may also be used for Petroleum Hydrocarbon analysis  
TPH-GRO analysis is required for soils with known or suspected gasoline contamination

\*\* - For soils with greater than 17,000 ppm TPH or EPH, provide Paint Filter Test analysis Method 9095

(1) The methods provided are standard EPA methods. The method revisions are subject to change and the most current method should always be utilized by the laboratory.

This is to be used as a guideline for sampling. Sampling frequencies and parameter requirements may be modified at the discretion of the CE Approval staff based upon items such as site history, levels of contamination and/or source of contamination, etc.