

**Clean Earth Sampling Protocol
New Castle - DRS**

PARAMETERS	TPH-DRO*	BTEX	TOX	TCLP METALS & RCRA	IGNITABILITY	CORROSIVITY (pH)	REACTIVITY - SULFIDE AND CYANIDE	PCBs	TOTAL METALS	HEXAVALENT CHROMIUM	TOTAL CYANIDE	TCL VOLATILE ORGANICS	TCL SEMI-VOLATILE ORGANICS	TCLP VOLATILE ORGANICS	TCLP SEMI-VOLATILE ORGANICS	TCLP HERBICIDES	TCLP PESTICIDES	PAHs	MOISTURE	
METHODS (1)		8015B	8021 or 8260B	9020 or 9023	1311/6010/7470A	1010A	9040C	SW846 CHAPTER 7.3	8082A	6010/7471	7196	9014	8260B	8270D	1311/8260B	1311/8270D	1311/8151A	1311/8081B	8270D	SM20-2540G
FREQUENCY																				
Known Source Petroleum Contaminated	Representative composite sample every 1000 tons in accordance with SW846	X	X	X	X	X	X	X	X	Aluminum	X	X								
										Antimony										
										Arsenic										
										Barium										
										Beryllium										
										Boron										
										Cadmium										
										Cobalt										
										Copper										
										Trivalent Chromium										
										Iron										
										Lead										
										Manganese										
										Mercury										
										Nickel										
										Selenium										
										Silver										
Thallium																				
Tin																				
Vanadium																				
Zinc																				
Limit (mg/Kg)		<1000	<10	10	Below RCRA Toxicity Level	Negative	>2 - <12.5	Sulfide <500 Cyanide <250	<3.0					Below RCRA Toxicity Level	Below RCRA Toxicity Level	Below RCRA Toxicity Level	Below RCRA Toxicity Level			
Non-Petroleum Contaminated	Representative composite sample every 1000 tons in accordance with SW846	X	X	X	X	X	X	X	X	Aluminum	X	X	X	X	X	X	X	X	X	X
										Antimony										
										Arsenic										
										Barium										
										Beryllium										
										Boron										
										Cadmium										
										Cobalt										
										Copper										
										Trivalent Chromium										
										Iron										
										Lead										
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Thallium																				
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Limit (mg/Kg)		<1000	<10	10	Below RCRA Toxicity Level	Negative	>2 - <12.5	Sulfide <500 Cyanide <250	<3.0					Below RCRA Toxicity Level	Below RCRA Toxicity Level	Below RCRA Toxicity Level	Below RCRA Toxicity Level			

(1) Test methods shall be those found in the most current legal edition of SW-846.
Additional testing criteria may be required to address potential contaminants that can reasonably be expected to be present in the soil based on environmental due diligence.
* For Gasoline Sources use TPH-GRO in lieu of TPH-DRO