

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

	PARAMETERS	TPH DRO*	BTX	TOX	TCLP METALS 8 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	X	X	X	X	X	X	X	X	X	X	X	
																					Aluminum
																					Antimony
																					Arsenic
																					Barium
																					Beryllium
																					Boron
																					Cadmium
																					Cobalt
																					Copper
																					Trivalent Chromium
																					Iron
																					Lead
																					Manganese
																					Mercury
																					Nickel
Selenium																					
Silver																					
Thallium																					
Tin																					
Vanadium																					
Zinc																					
Limit (mg/Kg)		<5000	<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	X	X	X	X	X	X	X	X	X	X	X	
																					Aluminum
																					Antimony
																					Arsenic
																					Barium
																					Beryllium
																					Boron
																					Cadmium
																					Cobalt
																					Copper
																					Trivalent Chromium
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Zinc																					
Limit (mg/Kg)		<5000	<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