

**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	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)	<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	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)	<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