

**Clean Earth Sampling Protocol
North Jersey**

PARAMETERS	TOTAL VOLATILE ORGANICS	TOTAL SEMI-VOLATILE ORGANICS	TOTAL METALS - 8 RCRA + Be, Ni, Cu, Zn and Cr+6	TCLP METALS - 8 RCRA + Ni, Cu & Zn	IGNITABILITY	CORROSIVITY (pH)	REACTIVITY - SULFIDE AND CYANIDE	PCBs	TCLP VOLATILE ORGANICS	TCLP SEMI-VOLATILE ORGANICS	TCLP HERBICIDES	TCLP PESTICIDES	
METHODS (1)		8260B	8270D	6010/7471/ 7196	1311/6010/ 7470A	1030 or 1010A	9040C or 9045D	SW846 CHAPTER 7.3	8082A	1311/ 8260B	1311/ 8270D	1311/ 8151A	1311/ 8081B
	FREQUENCY												
CENJ Waste Streams	Grab Sample every 750 tons	X								X			
	5 point composite sample every 750 tons		X	X	X	X	X	X	X		X	X	X

(1) The methods provided are standard EPA methods. The method revisions are subject to change and the most current method should 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 on items such as site history, levels of contamination and/or source of contamination, etc..

CENJ Specific compounds - ** Please note that Clean Earth of North Jersey (CENJ) requires that the compounds identified below be assessed/reported for all projects. The concentrations of the compounds cannot exceed the limits identified below. The analysis must include the compounds below OR the generator must certify that the compounds do not exceed the limits below based on generator knowledge.

COMPOUND	Concentration (PPMW)
Arsenic	≤ 4,000
Cadmium	≤ 4,000
Lead	≤ 80,000
Mercury	≤ 80
Beryllium	≤ 800
Nickel	≤ 80,000
Benzene	≤ 400
Chlorobenzene	≤ 400
Cumene (isopropylbenzene)	≤ 960
Ethylene Glycol	≤ 56,000
Methanol	≤ 4,800
Methylene Chloride (Dichloromethane)	≤ 880
Methyl Ethyl Ketone (2-Butanone, MEK)	≤ 800
Methyl Isobutyl Ketone (MIBK, 4-methyl-2-Pentanone)	≤ 1,360
Phenol	≤ 1,360
Tetrachloroethylene (PCE, perchloroethylene)	≤ 400
Toluene	≤ 560
Trichloroethylene (TCE)	≤ 480
Xylene	≤ 1,200
Hexavalent Chromium (Chromium +6, Cr+6, CrVI)	≤ 21,400