Solid Waste

Sample name	Analytes present	Ampulization Details
ASBESTOS IN FRIABLE BULK MATERIAL (not NELAC)	1-2 analytes from the following list: actinolite; amosite; anthophyllite; chrysotile; crocidolite; tremolite	For PLM. Four samples of friable solids containing a variety of asbestos and non-asbestos fiber types. Occasionally a Refractive Index test is substituted for one or two of the bulk samples
ASBESTOS IN NON-FRIABLE BULK MATERIAL (not NELAC)	1-2 analytes from the following list: actinolite; amosite; anthophyllite; chrysotile; crocidolite; tremolite	For TEM. Two samples of non-friable organically bound solids containing a variety of asbestos and non-asbestos fibers
CORROSIVITY /pH	Hydrogen ion (pH)	One, 20g bottled dry soil matrix containing; various concentrations of HNO3 and NaOH solutions
HEXAVALENT CHROMIUM	Cr(VI)	One, 20g bottled dry 90% sand/ 10% Sodium bicarbonate matrix
LEAD IN DUST WIPE (not NELAC)	Pb	One, ghost wipe matrix
LEAD IN PAINT (not NELAC)	Pb	One, 1g bottled dry paint chip matrix
MINERALS	Br, Cl, F, NO3-N, SO4	One, 20g bottled dry soil matrix containing all of the analytes listed
TOTAL CYANIDE	Cyanide	One, 20g bottled dry soil matrix
TRACE METALS IN SOIL	Ag; Al; As; B; Ba; Be; Ca; Cd; Co; Cr; Cu; Fe;K; Hg; Mg; Mn; Mo; Na; Ni; Pb; Sb; Se; Sn; Sr; Tl; V; Zn	One, 20g bottled dry soil matrix containing all of the analytes listed.
IGNITABILITY	Ignitability (Flashpoint)	One, 100mL bottled solvent

Solid Waste

Sample name	Analytes present	Ampulization Details
BASE/NEUTRALS/ ACID EXTRACTABLES IN SOIL/SEDIMENT	At least 60% of analytes from the following list: 4-bromophenylphenyl ether; 4-chlorophenylphenyl ether; benzyl butyl phthalate; bis (2-ethylhexyl) phthalate; diethyl phthalate; dimethyl phthalate; di-n-butyl phthalate; di-n-octyl phthalate; 2-methylphenol (o-cresol); 4-methylphenol (p-cresol); 4-chloro-3-methylphenol; 2-chlorophenol; 2,4-dichlorophenol; 2-nitrophenol; 4-nitrophenol; pentachlorophenol; phenol; 2,4,5-trichlorophenol; 2,4,6- trichlorophenol; acenaphthene; anthracene; acenaphthylene; 2,2'-oxybis (1-chloropropane); benzo(a)anthracene; benzo(a)pyrene; benzo(b)fluoranthene; benzo(k)fluoranthene; benzo(g,h,i)perylene; chrysene; dibenzo(a,h)anthracene; dibenzofuran; fluoranthene; fluorene; indeno(1,2,3-cd)pyrene; naphthalene; phenanthrene; pyrene; 2-chloronaphthalene; hexachlorobenzene; hexachlorobutadiene; hexachloroethane; 2-methylnaphthalene; 1,2,4-trichlorobenzene; 2,4 dinitrotoluene; 2,6-dinitrotoluene; isophorone; nitrobenzene; bis (2-chlorethyl) ether; bis(2-chloroethoxy) methane; n-nitroso di-n-propylamine; 1,2-dichlorobenzene; 1,3-dichlorobenzene; 1,4-dichlorobenzene	One, 30g bottled wet soil matrix containing at least 60% the following
CHLORDANE IN SOIL/SEDIMENT	chlordane	One, 30g bottled wet soil matrix
CHLORINATED HYDROCARBON PESTICIDES IN SOIL/SEDIMENT	At least 80% of analytes from the following list: 4,4'-DDD; 4,4'-DDE; 4,4'-DDT; aldrin; alpha-BHC; beta-BHC; delta-BHC; gamma-BHC (Lindane); alpha-chlordane; gamma-chlordane; dieldrin; endosulfan I; endosulfan II; endosulfan sulfate; endrin; endrin aldehyde; endrin ketone; heptachlor; heptachlor epoxide; methoxychlor	One, 30g bottled wet soil matrix containing at least 80% of the analytes listed.
CHLOROPHENOXY ACID PESTICIDES IN SOIL/SEDIMENT	2,4-D; 2,4-DB; 2,4,5-T; 2,4,5-TP (Silvex), dicamba; dinoseb; pentachlorophenol	One, 30g bottled wet soil matrix
DIESEL RANGE ORGANICS	Diesel Range Organics Carbon Range C10 – C28	One, 30g bottled wet soil matrix containing; Carbon Range $C_{10} - C_{28}$
GASOLINE RANGE ORGANICS	Gasoline Range Organics Carbon Range C5 – C10 (Range listed in TNI's Fields of Proficiency Testing for Solid and Chemical Materials. SW 846 8015 B and C list C6 to C10)	One, 20g bottled dry soil matrix and One, 2.5 mL ampulized concentrate in Methanol containing; Carbon Range $C_5 - C_{10}$

Solid Waste

Sample name	Analytes present	Ampulization Details
LOW LEVEL PAH	acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, pyrene	One, 30g bottled wet soil matrix
OIL & GREASE (HEXANE EXTRACTABLE MATERIAL)	total recoverable oil and grease (HEM)	One, 30g bottled dry soil matrix
POLYCHLORINATED BIPHENYLS IN SEDIMENT	One PCB aroclor from the following list: Aroclor-1016; Aroclor-1221; Aroclor-1232; Aroclor-1242; Aroclor-1248; Aroclor-1254; Aroclor-1260	One, 30g bottled wet soil matrix containing one of Aroclors listed.
POLYCHLORINATED BIPHENYLS IN OIL	One PCB aroclor from the following list: Aroclor-1016; Aroclor-1242; Aroclor-1254; Aroclor-1260	One, 2.5 mL ampule containing one of Aroclors listed in oil.
MID-LEVEL VOLATILES IN SOIL/SEDIMENT	(A vial is provided containing concentrated analytes in solution with soil.) At least 60% of analytes from the following list: acetone; benzene; bromodichloromethane; bromoform; 2-butanone (methylethyl ketone); carbon tetrachloride; chlorobenzene; chloroform; cis-1,2-dichloroethene; 1,2-dibromoethane (EDB); dibromochloromethane; 1,2-dibromo-3-chloropropane (DBCP); dibromomethane; 1,2-dichlorobenzene; 1,3 dichlorobenzene; 1,4-dichlorobenzene; 1,1-dichloroethane; 1,2-dichloroethane; 1,1-dichloroethene; 1,2-dichloropropane; ethylbenzene; 2-hexanone; methylene chloride; 4-methyl-2-pentanone (MIBK); methyl-tert-butyl-ether (MTBE); naphthalene; styrene; 1,1,1,2-tetrachloroethane; 1,1,2,2-tetrachloroethane; tetrachloroethene; 1,1,1-trichloroethane; 1,1,2-trichloroethane; trichloroethene; trans-1,2-dichloroethene; 1,2,4-trichlorobenzene; 1,2,3-trichloropropane; toluene; total xylenes	One, 15 mL amber vial containing 5 g soil matrix and 10 mL concentrate in Methanol containing at least 60% of the analytes.
TOXAPHENE IN SOIL/SEDIMENT	toxaphene	One, 30g bottled wet soil matrix