

ATTACHMENT F

CONSTITUENTS OF CONCERN & APPROVED USEPA ANALYTICAL METHODS

Inorganics ¹	USEPA Method:		
Aluminum	6010B	Silver	6020
Antimony	6020	Sodium	6010B
Barium	6010B	Tin	6010B
Beryllium	6010B	Vanadium	6010B
Cadmium	6020	Zinc	6010B
Calcium	6010B	Arsenic	6020
Chromium	6010	Lead	6020
Chromium VI ⁺	7196A	Mercury	7470A
Cobalt	6020	Nickel	6020
Copper	6020	Selenium	6020
Iron	6010B	Thallium	6020
Manganese	6010B	Cyanide, Total	9012A
Magnesium	6010B	Sulfide, Total	376.2
Potassium	6010B		

1. Leachate, groundwater, and unsaturated zone samples shall be analyzed and reported as dissolved, except as noted above.

Volatile Organics (USEPA Method 8260B):

Acetone	cis- 1,3-Dichloropropene
Acetonitrile (Methyl cyanide)	trans- 1,3-Dichloropropene
Acrolein	Ethylbenzene
Acrylonitrile	Hexachlorobutadiene
Allyl chloride (3-Chloropropene)	2-Hexanone (Methyl butyl ketone)
Benzene	Isobutyl alcohol
Bis(2-ethylhexyl) phthalate	Isodrin
Bromochloromethane (Chlorobromomethane)	Methacrylonitrile
Bromodichloromethane (Dibromochloromethane)	Methyl bromide (Bromomethane)
Bromoform (Tribromomethane)	Methyl chloride (Chloromethane)
Carbon disulfide	Methyl ethyl ketone (MEK; 2-Butanone)
Carbon tetrachloride	Methyl iodide (Iodomethane)
Chlorobenzene	Methyl methacrylate
Chloroethane (Ethyl chloride)	Methyl tert-butyl ether (MTBE)
Chloroform (Trichloromethane)	4-Methyl-2-pentanone (Methyl isobutyl ketone)
Chloroprene	Methylene bromide (Dibromomethane)
Dibromochloromethane (Chlorodibromomethane)	Methylene chloride (Dichloromethane)
1,2-Dibromo-3-chloropropane (DBCP)	Naphthalene
1,2-Dibromoethane (Ethylene dibromide; EDB)	Propionitrile (Ethyl cyanide)
o-Dichlorobenzene (1,2-Dichlorobenzene)	Styrene
m-Dichlorobenzene (1,3-Dichlorobenzene)	1,1,1,2-Tetrachloroethane

ATTACHMENT F (CONTINUED)

p-Dichlorobenzene (1,4-Dichlorobenzene)	1,1,2,2-Tetrachloroethane
trans- 1,4-Dichloro-2-butene	Tetrachloroethylene (Tetrachloroethene;
Dichlorodifluoromethane (CFC 12)	Perchloroethylene; PCE)
1,1-Dichloroethane (Ethylidene chloride)	Toluene
1,2-Dichloroethane (Ethylene dichloride)	1,2,4-Trichlorobenzene
1,1-Dichloroethylene (1,1-Dichloroethene;	1,1,1-Trichloroethane, Methylchloroform
Vinylidene chloride)	1,1,2-Trichloroethane
cis- 1,2-Dichloroethylene (cis- 1,2-Dichloroethene)	Trichloroethylene (Trichloroethene; TCE)
trans- 1,2-Dichloroethylene (trans-	Trichlorofluoromethane (CFC- 11)
1,2-Dichloroethene)	1,2,3-Trichloropropane
1,2-Dichloropropane (Propylene dichloride)	Vinyl acetate
1,3-Dichloropropane (Trimethylene dichloride)	Vinyl chloride (Chloroethene)
2,2-Dichloropropane (Isopropylidene chloride)	Xylene (total)
1,1 -Dichloropropene	

Semivolatile Organics (USEPA Method 8270B - base, neutral, & acid extractables):

Acenaphthene	Endrin aldehyde
Acenaphthylene	Ethyl methacrylate
Acetophenone	Ethyl methanesulfonate
2-Acetylaminofluorene (2-AAF)	Famphur
Aldrin	Fluoranthene
4-Aminobiphenyl	Fluorene
Anthracene	Heptachlor
Benzo[a]anthracene (Benzanthracene)	Heptachlor epoxide
Benzo[b]fluoranthene	Hexachlorobenzene
Benzo[k]fluoranthene	Hexachlorobutadiene
Benzo[g,h,i]perylene	Hexachlorocyclopentadiene
Benzo[a]pyrene	Hexachloroethane
Benzyl alcohol	Hexachloropropene
alpha-BHC	Indeno(1,2,3-c,d)pyrene
beta-BHC	Isophorone
delta-BHC	Isosafrole
gamma-BHC (Lindane)	Kepone
Bis(2-chloroethoxy)methane	Methapyrilene
Bis(2-chloroethyl) ether (Dichloroethyl ether)	Methoxychlor
Bis(2-chloro-1-methylethyl) ether	3-Methylcholanthrene
(Bis(2-chloroisopropyl) ether; DCIP)	Methyl methanesulfonate
4-Bromophenyl phenyl ether	2-Methylnaphthalene
Butyl benzyl phthalate (Benzyl butyl phthalate)	Naphthalene
Chlordane	1,4-Naphthoquinone
p-Chloroaniline	1-Naphthylamine
Chlorobenzilate	2-Naphthylamine
p-Chloro-m-cresol (4-Chloro-3-methylphenol)	o-Nitroaniline (2-Nitroaniline)
2-Chloronaphthalene	m-Nitroaniline (3-Nitroaniline)
2-Chlorophenol	p-Nitroaniline (4-Nitroaniline)
4-Chlorophenyl phenyl ether	Nitrobenzene
	o-Nitrophenol (2-Nitrophenol)

ATTACHMENT F (CONTINUED)

Chrysene	p-Nitrophenol (4-Nitrophenol)
o-Cresol (2-methylphenol)	N-Nitrosodi-n-butylamine (Di-n-butylnitrosamine)
m-Cresol (3-methylphenol)	N-Nitrosodiethylamine (Diethylnitrosamine)
p-Cresol (4-methylphenol)	N-Nitrosodimethylamine (Dimethylnitrosamine)
4,4'-DDD	N-Nitrosodiphenylamine (Diphenylnitrosamine)
4,4'-DDE	N-Nitrosodipropylamine
4,4'-DDT	(N-Nitroso-N-dipropylamine;
Diallate	Di-n-propylnitrosamine)
Dibenz[a,h]anthracene	N-Nitrosomethylethylamine
Dibenzofuran	(Methylethylnitrosamine)
Di-n-butyl phthalate	N-Nitrosopiperidine
o-Dichlorobenzene (1,2-Dichlorobenzene)	N-Nitrosopyrrolidine
m-Dichlorobenzene (1,3-Dichlorobenzene)	5-Nitro-o-toluidine
p-Dichlorobenzene (1,4-Dichlorobenzene)	Pentachlorobenzene
3,3'-Dichlorobenzidine	Pentachloronitrobenzene (PCNB)
2,4-Dichlorophenol	Pentachlorophenol
2,6-Dichlorophenol	Phenacetin
Dieldrin	Phenanthrene
Diethyl phthalate	Phenol
p-(Dimethylamino)azobenzene	p-Phenylenediamine
7,12-Dimethylbenz[a]anthracene	Polychlorinated biphenyls (PCBs; Aroclors)
3,3'-Dimethylbenzidine	Pronamide
2,4-Dimehtylphenol (m-Xylenol)	Pyrene
Dimethyl phthalate	Safrole
m-Dinitrobenzene	1,2,4,5-Tetrachlorobenzene
4,6-Dinitro-o-cresol (4,6-Dinitro-2-methylphenol)	2,3,4,6-Tetrachlorophenol
2,4-Dinitrophenol	o-Toluidine
2,4-Dinitrotoluene	Toxaphene
2,6-Dinitrotoluene	1,2,4-Trichlorobenzene
Di-n-octyl phthalate	2,4,5-Trichlorophenol
Diphenylamine	2,4,6-Trichlorophenol
Endosulfan I	0,0,0-Triethyl phosphorothioate
Endosulfan II	sym-Trinitrobenzene
Endosulfan sulfate	
Endrin	

Organophosphorus Pesticides (USEPA Method 8141A):

0,0-Diethyl 0-2-pyrazinyl phosphorothioate (Thionazin)
Dimethoate
Disulfoton
Methyl parathion (Parathion methyl)
Parathion
Phorate

ATTACHMENT F (CONTINUED)

Chlorinated Herbicides (USEPA Method 8151):

2,4-D (2,4-Dichlorophenoxyacetic acid)
Dinoseb (DNBP; 2-sec-Butyl-4,6-dinitrophenol)
Silvex (2,4,5-Trichlorophenoxypropionic acid; 2,4,5-TP)
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)

Organochlorine Pesticides (USEPA Method 8081A)

Aldrin
BHCs
Chlordane
4,4'-DDD
4,4'-DDE
4,4'-DDT
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Lindane
Methoxychlor
Toxaphene

PCBs (USEPA Method 8082)

PCB-1016
PCB-1221
PCB-1232
PCB-1242
PCB-1248
PCB-1254
PCB-1260