



ATTACHMENT 4 - HAZARDOUS SUBSTANCE LIST

The materials listed below have been released at the Facility, or pose a threat of release to the environment at the Facility. This list is based on information gathered prior to the effective date of this Agreement and is subject to change dependent on the information gathered after the effective date of this Agreement.

Radionuclides:

Plutonium 239, 240  
Americium 241  
Uranium 233, 234, 235, and 238  
Tritium  
Gross alpha  
Gross beta

Metals:

Aluminum  
Beryllium  
Calcium  
Cadmium  
Cobalt  
Chromium  
Barium  
Lead  
Magnesium  
Selenium  
Sodium  
Silver  
Strontium  
Thallium  
Zinc  
Mercury  
Nickel  
Lithium

Inorganics:

Sulfuric Acid  
Nitric Acid  
Hydrofluoric Acid  
Sodium Hydroxide  
Hydrochloric Acid  
Nitrate  
Sulfate  
Hydroxide

Volatile Organics:

1,1,2-Trichloroethylene  
Chloroform  
1,1,1-Trichloroethane  
Carbon Tetrachloride  
1,2-Dichloroethane  
Acetone  
Perchloroethane  
Benzene  
Toluene  
Methylethyl Ketone Peroxide  
Dichloromethane  
Xylene  
2-Butanone  
Methylene Chloride  
Methyl Ethyl Ketone

Semi-Volatile Organics:

bis(2-ethylhexyl)phthalate  
ethylene glycol

Miscellaneous:

Diesel Fuel  
Fuel Oil  
Peroxide  
Asbestos  
Oil Sludge  
Polyester Resin  
Still Bottom Sands