

The attached data represents a composite waste sample that was collected from the ash pond on February 7, 2014 by an EPA sampling team. Ash sample measurements are shown in milligrams per kilogram (mg/kg). Specific qualifiers and footnotes are listed below the summary table. This sample represents the chemical profile of the source material and will aid in determining what analytes to look for in down stream samples (water and sediment). It is not being compared to a risk based standard.

Location	AP	
Sample ID	AP01	
Date	2/7/2014	
Time	1055	
Status	Validated Stage 2A	
Type	Ash	
<b>Analyte</b>	<b>Result</b>	<b>Units</b>
<b>Volatile Organic Compounds</b>		
(m- and/or p-)Xylene	0.39 U	mg/kg
1,1,1,2-Tetrachloroethane	0.19 U	mg/kg
1,1,1-Trichloroethane	0.19 U	mg/kg
1,1,2,2-Tetrachloroethane	0.19 U	mg/kg
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.19 U	mg/kg
1,1,2-Trichloroethane	0.19 U	mg/kg
1,1-Dichloroethane	0.19 U	mg/kg
1,1-Dichloroethene (1,1-Dichloroethylene)	0.19 U	mg/kg
1,1-Dichloropropene	0.19 U	mg/kg
1,2,3-Trichlorobenzene	0.19 U	mg/kg
1,2,3-Trichloropropane	0.19 U	mg/kg
1,2,4-Trichlorobenzene	0.19 U	mg/kg
1,2,4-Trimethylbenzene	0.19 U	mg/kg
1,2-Dibromo-3-Chloropropane (DBCP)	0.39 U	mg/kg
1,2-Dibromoethane (EDB)	0.19 U	mg/kg
1,2-Dichlorobenzene	0.19 U	mg/kg
1,2-Dichloroethane	0.19 U	mg/kg
1,2-Dichloropropane	0.19 U	mg/kg
1,3,5-Trimethylbenzene	0.19 U	mg/kg
1,3-Dichlorobenzene	0.19 U	mg/kg
1,3-Dichloropropane	0.19 U	mg/kg
1,4-Dichlorobenzene	0.19 U	mg/kg
2,2-Dichloropropane	0.19 U	mg/kg
Acetone	1.6 U	mg/kg
Benzene	0.19 U	mg/kg
Bromobenzene	0.19 U	mg/kg
Bromochloromethane	0.19 U	mg/kg
Bromodichloromethane	0.19 U	mg/kg
Bromoform	0.39 U	mg/kg
Bromomethane	0.78 U,J,O	mg/kg
Carbon Tetrachloride	0.19 U	mg/kg
Carbon disulfide	0.78 U	mg/kg

Analyte	Result	Units
Chlorobenzene	0.19 U	mg/kg
Chloroethane	0.78 U,J,O	mg/kg
Chloroform	0.39 U	mg/kg
Chloromethane	0.19 U	mg/kg
Cyclohexane	0.19 U	mg/kg
Dibromochloromethane	0.19 U	mg/kg
Dibromomethane	0.19 U	mg/kg
Dichlorodifluoromethane (Freon 12)	0.19 U	mg/kg
Ethyl Benzene	0.19 U	mg/kg
Hexachlorobutadiene	0.19 U	mg/kg
Isopropylbenzene	0.19 U	mg/kg
Methyl Acetate	0.39 U	mg/kg
Methyl Butyl Ketone	0.39 U	mg/kg
Methyl Ethyl Ketone	1.6 U	mg/kg
Methyl Isobutyl Ketone	0.39 U	mg/kg
Methyl T-Butyl Ether (MTBE)	0.19 U	mg/kg
Methylcyclohexane	0.19 U	mg/kg
Methylene Chloride	0.19 U	mg/kg
Styrene	0.19 U	mg/kg
Tetrachloroethene (Tetrachloroethylene)	0.19 U	mg/kg
Toluene	0.19 U	mg/kg
Trichloroethene (Trichloroethylene)	0.19 U	mg/kg
Trichlorofluoromethane (Freon 11)	0.19 U	mg/kg
Vinyl chloride	0.19 U	mg/kg
cis-1,2-Dichloroethene	0.19 U	mg/kg
cis-1,3-Dichloropropene	0.19 U	mg/kg
n-Butylbenzene	0.19 U	mg/kg
n-Propylbenzene	0.19 U	mg/kg
o-Chlorotoluene	0.19 U	mg/kg
o-Xylene	0.19 U	mg/kg
p-Chlorotoluene	0.19 U	mg/kg
p-Isopropyltoluene	0.19 U	mg/kg
sec-Butylbenzene	0.19 U	mg/kg
tert-Butylbenzene	0.19 U	mg/kg
trans-1,2-Dichloroethene	0.19 U	mg/kg
trans-1,3-Dichloropropene	0.19 U	mg/kg
<b>Semi-Volatile Organic Compounds</b>		
(3-and/or 4-)Methylphenol	5.0 U	mg/kg
1,1-Biphenyl	0.50 U	mg/kg
1,2,4-Trichlorobenzene	5.0 U	mg/kg
1-Methylnaphthalene	5.0 U	mg/kg
2,3,4,6-Tetrachlorophenol	5.0 U	mg/kg
2,4,5-Trichlorophenol	5.0 U	mg/kg
2,4,6-Trichlorophenol	5.0 U	mg/kg
2,4-Dichlorophenol	5.0 U	mg/kg

Analyte	Result	Units
2,4-Dimethylphenol	5.0 U	mg/kg
2,4-Dinitrophenol	5.0 U	mg/kg
2,4-Dinitrotoluene	2.5 U	mg/kg
2,6-Dinitrotoluene	5.0 U	mg/kg
2-Chloronaphthalene	5.0 U	mg/kg
2-Chlorophenol	5.0 U	mg/kg
2-Methyl-4,6-dinitrophenol	5.0 U	mg/kg
2-Methylnaphthalene	0.50 U	mg/kg
2-Methylphenol	5.0 U	mg/kg
2-Nitroaniline	5.0 U	mg/kg
2-Nitrophenol	5.0 U	mg/kg
3,3'-Dichlorobenzidine	5.0 U	mg/kg
3-Nitroaniline	5.0 U	mg/kg
4-Bromophenyl phenyl ether	5.0 U	mg/kg
4-Chloro-3-methylphenol	5.0 U	mg/kg
4-Chloroaniline	5.0 U	mg/kg
4-Chlorophenyl phenyl ether	5.0 U	mg/kg
4-Nitroaniline	5.0 U	mg/kg
4-Nitrophenol	5.0 U	mg/kg
Acenaphthene	0.50 U	mg/kg
Acenaphthylene	0.50 U	mg/kg
Acetophenone	5.0 U	mg/kg
Anthracene	0.50 U	mg/kg
Atrazine	5.0 U	mg/kg
Benzaldehyde	5.0 U	mg/kg
Benzo(a)anthracene	0.50 U	mg/kg
Benzo(a)pyrene	0.50 U	mg/kg
Benzo(b)fluoranthene	0.50 U	mg/kg
Benzo(g,h,i)perylene	0.50 U	mg/kg
Benzo(k)fluoranthene	0.50 U	mg/kg
Benzyl butyl phthalate	5.0 U	mg/kg
Bis(2-chloroethoxy)methane	5.0 U	mg/kg
Bis(2-chloroisopropyl) ether	5.0 U	mg/kg
Bis(2-ethylhexyl) phthalate	5.0 U	mg/kg
Caprolactam	5.0 U	mg/kg
Carbazole	0.50 U	mg/kg
Chrysene	0.50 U	mg/kg
Di-n-butylphthalate	5.0 U	mg/kg
Di-n-octylphthalate	5.0 U	mg/kg
Dibenz(a,h)anthracene	0.50 U	mg/kg
Dibenzofuran	0.50 U	mg/kg
Diethyl phthalate	5.0 U	mg/kg
Dimethyl phthalate	5.0 U	mg/kg
Fluoranthene	0.50 U	mg/kg
Fluorene	0.50 U	mg/kg

Analyte	Result	Units
Hexachlorobenzene (HCB)	2.5 U	mg/kg
Hexachlorobutadiene	5.0 U	mg/kg
Hexachlorocyclopentadiene (HCCP)	5.0 U	mg/kg
Hexachloroethane	5.0 U	mg/kg
Indeno (1,2,3-cd) pyrene	0.50 U	mg/kg
Isophorone	5.0 U	mg/kg
Naphthalene	0.50 U	mg/kg
Nitrobenzene	5.0 U	mg/kg
Pentachlorophenol	5.0 U	mg/kg
Phenanthrene	0.50 U	mg/kg
Phenol	5.0 U	mg/kg
Pyrene	0.50 U	mg/kg
bis(2-Chloroethyl) Ether	5.0 U	mg/kg
n-Nitroso di-n-Propylamine	5.0 U	mg/kg
n-Nitrosodiphenylamine/Diphenylamine	5.0 U	mg/kg
<b>Total Metals</b>		
Aluminum	4100 J,O	mg/kg
Antimony	0.43	mg/kg
Arsenic	17	mg/kg
Barium	210	mg/kg
Beryllium	1.3	mg/kg
Cadmium	0.090 U	mg/kg
Calcium	1900 J,O	mg/kg
Chromium	6.3	mg/kg
Cobalt	3.2	mg/kg
Copper	20	mg/kg
Iron	3100 J,O	mg/kg
Lead	4.7	mg/kg
Magnesium	480	mg/kg
Manganese	37	mg/kg
Mercury	0.056 J,O	mg/kg
Molybdenum	1.8 U	mg/kg
Nickel	7.0	mg/kg
Potassium	600	mg/kg
Selenium	2.3	mg/kg
Silver	0.90 U	mg/kg
Sodium	180 U	mg/kg
Strontium	79	mg/kg
Thallium	0.18 U	mg/kg
Tin	2.7 U	mg/kg
Titanium	230 J,O	mg/kg
Vanadium	22	mg/kg
Yttrium	7.5	mg/kg
Zinc	8.0	mg/kg

Analyte	Result	Units
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U	The analyte was not detected at or above the reporting limit.	
J	The identification of the analyte is acceptable; the reported value is an estimate.	
mg/kg	Milligram per kilogram	
O	Other qualifiers have been assigned providing additional information. These explanatory qualifiers are included in the printable pdf report and in other columns in the export files.	
EPA	U S Environmental Protection Agency	