

Table 1B
Mass of Chemicals Placed in CAMU Unit 2
Coke Plant SWMA Former Northwest Tank Farm Replacement Well Installation Soil IDW
U.S. Steel - Gary Works
Gary, Indiana

Parameter	Location ID	Composite Soil Cuttings	Median Concentration	Mass of Chemicals in Former Northwest Tank Farm Replacement Well IDW Placed in CAMU Unit 2 (Based on Median Concentration)		
	Sample Type	Regular		Milligrams	Kilograms	Pounds
	Sample Date	9/27/2017				
	Units					
Polychlorinated Biphenyls (PCBs)						
Aroclor-1016	mg/kg	0.039	0.039	160.524	1.61E-04	3.53E-04
Aroclor-1221	mg/kg	0.039	0.039	160.524	1.61E-04	3.53E-04
Aroclor-1232	mg/kg	0.039	0.039	160.524	1.61E-04	3.53E-04
Aroclor-1242	mg/kg	0.039	0.039	160.524	1.61E-04	3.53E-04
Aroclor-1248	mg/kg	0.039	0.039	160.524	1.61E-04	3.53E-04
Aroclor-1254	mg/kg	0.039	0.039	160.524	1.61E-04	3.53E-04
Aroclor-1260	mg/kg	0.039	0.039	160.524	1.61E-04	3.53E-04

Notes:

Sample collected on May 5, 2017

IDW = investigation-derived waste

mg/kg = milligrams per kilogram

Italics and shading indicate a non-detect result; one-half the reporting limit was used for non-detect results

Per TRI Reporting guidance, the median value is used when a range of data values is present.

Volume of IDW placed in CAMU: 3.51 cubic yards

Volume of IDW placed in CAMU: (3.51 yd³)(0.765 m³/yd³) = 2.69 m³

Materials consist of fines (sand, silt, and clay) and slag and fill; presume a bulk density of 1530 kg/m³ (medium to

Mass of IDW placed in CAMU = (2.69 m³)(1530 kg/m³) = 4,116 kg

Mass of individual chemicals placed in CAMU = (concentration)(mass of materials)