

Table

TABLE 1
PCB Mass Loading Summary
New Castle, Kent, and Sussex Counties

Site Name	SIRS #	Regulatory Status	Surface Soil				Groundwater			PCB Mass Loading	
			PCB-Impacted Erodible Surface Soil Acreage (Acres)	Concentration of Total PCBs Used in Calculations (mg/kg)	Analysis Type Used in Calculations	Uncertainty Factor	Concentration of Total PCBs Used in Calculations (µg/L)	Analysis Type Used in Calculations	Uncertainty Factor	via Overland Flow (g/yr)	via Groundwater Discharge (g/yr)
1600 Bowers St (Atlas Sanitation) 16100 Bowers St (Diffley Property) 1620 Bowers St (Pure Green Industries, Inc.) Amtrak Consolidated National Operations Center (CNOC)	DE-0280	Preliminary investigation completed	6.0	11.9	Method 8082 and Immunoassay	Low to Moderate	0.50 µg/L	Method 8082	Moderate	28	0.006 to 0.13
	DE-1440	Preliminary investigation completed; COCR issued; O&M Phase	0.85	1.4	Immunoassay	Moderate	0.64 µg/L*				
	DE-1054	Remedial action completed; COCR issued; O&M Phase		NA- no surface soil PCBs analyzed			1.3 µg/L	Method 8082	Moderate to High	NA	0.04 to 1.2
	DE-1084	Remedial action completed; COCR issued; O&M Phase	0	NA- filled			NA- no saturated or GW PCBs detected		NA	NA	NA
Capitol Scrapyard	DE-1171 DE-0038 and DE-1038	Interim action completed; COCR issued; O&M Phase	0	NA- removed & filled			0.21 µg/L	Method 8082	Moderate to High	NA	0.04 to 5.5
Chicago Bridge & Iron Site		Interim actions completed; NFA letter issued	3.6	0.20	Method 8082	Moderate	NA- no GW PCBs detected or saturated PCBs analyzed			0.005**	NA
CitiSteel Area A	DE-0046	Restricted NFA letter issued in 2008; FE to be completed in the future	18.3	15.9	Method 8082 and Immunoassay	Moderate to High	NA- no saturated or GW PCBs detected			2,800	NA
Del Chapel Place	DE-0163 DE-0338 and DE-0349	Remedial action completed; COCR issued; O&M Phase	0	NA- filled or removed			0.10 µg/L*	Method 8082 and Immunoassay	Moderate to High	NA	0.22 to 0.46
Donovan Salvage Works Property		DNREC suggested entering into VCP and performing RI	14.5	0.6	Method 8082 and Immunoassay	Moderate to High	0.15 µg/L*	Method 8082 and Immunoassay	Moderate	3.9	0.001 to 0.024
Dover Power Plant	DE-0269	No remedial action targeting PCBs recommended	1.2	0.048	Method 8082	Low to Moderate	NA- no saturated or GW PCBs detected			0.006	NA
DuPont Louvers / MBNA	DE-1049	Remediation not currently required	8.9	1.4	Method 8082	Moderate	NA- no saturated or GW PCBs analyzed			0.54	NA
Fitzgerald's Auto Salvage Property	DE-1315	Entered into VCP; Phase I RI/FS Work Plan submitted in April 2010	1.1	7.9	Method 8082 and Immunoassay	Moderate to High	NA- no saturated or GW PCBs detected			44	NA
Former Chrysler Assembly Plant: OU3 and OU5	DE-0105	OU3- FPRA issued OU5- Remedial action completed; COCR issued	OU3- 0.11 OU5- 0.08	OU3- 3.5 OU5- 0.12	Method 8082 (Laboratory & Screening) and Immunoassay	OU3- Moderate OU5- Moderate to High	NA- no saturated or GW PCBs detected			OU3- 0.32 OU5- 0.20	NA
Former Dagsboro Substation	DE-1287	COCR issued; Site closed	0.63	1.0	Method 8082 and Immunoassay	Low to Moderate	0.69 µg/L*	Method 8082 and Immunoassay	Moderate to High	0.29**	1.4 to 15
Former Georgetown Substation	DE-1286	Remedial action completed; COCR issued; Site closed	0.13	4.7	Method 8082 and Immunoassay	Moderate	NA- no GW PCBs detected or saturated PCBs analyzed			0.002	NA
Governor Bacon Health Center / Fort DuPont	DE-1007	Remedial action may be necessary	28.2	26	Method 8082	Moderate to High	NA- no saturated or GW PCBs detected			5.3	NA
Harper Thiel Property	DE-0197	Remedial action completed; Additional remediation may be required for unrestricted use	0.48	2.9	Method 8082 and Immunoassay	Moderate	NA- no saturated or GW PCBs detected			0.041	NA
Harvey and Harvey Landfill Property	DE-0047	RI completed; O&M Phase	3.1	0.033	Method 8082	Moderate	NA- no GW PCBs detected or saturated PCBs analyzed			0.032	NA
Harvey & Knott Drum Site Property	DE-0040	Remedial action completed; O&M Phase	0.57	2.6	Method 8082	Moderate	NA- no saturated or GW PCBs detected			17	NA
Jablowl Property	DE-1329	Proposed Plan of Remedial Action expected to be advertised in 2014	1.5	5.7	Method 8082, GC/MS Screening Data, and Immunoassay	Moderate	NA- no GW PCBs detected or quantitative values for saturated PCBs			0.81	NA

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Necastro Auto Salvage Property	DE-0283	Preliminary investigations completed	1.0	3.1	Method 8082	Moderate to High	NA- no GW PCBs detected or saturated PCBs analyzed			2.2	NA
Newport City Landfill Property	DE-0044	NFA letter issued	1.0	0.43	Method 8082	Low to Moderate	0.41 µg/L*	Method 8082	Moderate to High	0.011	0.88 to 5.3
North American Smelting Company Property	DE-0230	Interim actions completed; Site closed	0	NA- surface soil PCB detections capped with pavement			NA- no saturated or GW PCBs analyzed			NA	NA
O'Brien Property	DE-1106	Site inactivated due to development required OU2- Future remediation will be required	0.05	1.1	Method 8082	Moderate	NA- no GW PCBs detected or saturated PCBs analyzed			0.002	NA
Pack and Process	DE-1421	OU3- PPRA advertised by DNREC in 2014	0.71	172.5	Method 8082 and Immunoassay	Low to Moderate	0.00047 µg/L	Method 8082	Low to Moderate	3.1	0.0 to 0.009
Reichhold Chemical	DE-0245	Ongoing GW monitoring; Draft RI submitted to DNREC-SIRS	3.3	0.41	Method 8082 and Immunoassay	Moderate to High	0.54 µg/L*	Immunoassay	Low to Moderate	0.18	2.5 to 4.0
Rogers Corner Dump Site	DE-0246 and DE-0121	Remediation not required for current usage		NA- no surface soil PCBs analyzed			NA- no saturated or GW PCBs detected			NA	NA
RSC Realty Property	DE-1268	Site closed	13.4	9.15	Method 8082	Moderate	NA- no saturated or GW PCBs analyzed			9.7	NA
Wilmington Rolling Mill Property	DE-1198	Brownfields Remedial Action Plan proposed but no record of remediation	0.15	1.1	Method 8082	Moderate	0.27 µg/L*	Immunoassay	Moderate	0.74	0.03 to 1

ND- Not Detected
NA- Not Applicable, PCB load not estimated
*- GW concentration based on equilibrium partitioning of saturated soil concentration (GW conc/Conc estimated from saturated soil). All others based on actual groundwater data.
**-. PCB loading is expected to be overestimated due to the presence of engineering controls

Site Specific Appendices