

Table 5-9  
Analytical Results - PCBs Compared to IGW SSL  
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Analyte Analytic Method Type CAS-RN Units IGW SSL							PCB 1016 PCB 12674-11-2 mg/kg	PCB 1221 PCB 11104-28-2 mg/kg	PCB 1232 PCB 11141-16-5 mg/kg	PCB 1242 PCB 53469-21-9 mg/kg	PCB 1248 PCB 12672-29-6 mg/kg	PCB 1254 PCB 11097-69-1 mg/kg	PCB 1260 PCB 11096-82-5 mg/kg	PCB 1262 PCB 37324-23-5 mg/kg	PCB 1268 PCB 11100-14-4 mg/kg	Total PCB (AROCLORS) PCB TOT-PCB-ARO mg/kg 0.2										
Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	Depth to Groundwater	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier				
A6	1.5 - 2.0 ft	A6S1.5-2	668995	9/2/2003	N	5.4	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U				
BC8	1.5 - 2.0 ft	BC8S1.5-2	669419	9/3/2003	N	6.2	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U				
EF-05	2.5 - 3.0 ft	EF-B05-2.5	460-25190-11	4/11/2011	N	4.2	< 0.015	U	< 0.023	U	< 0.044	U	< 0.015	U	< 0.021	U	< 0.026	U	< 0.0086	U	0.48	< 0.013	U	<b>0.48</b>		
EF-05A	0.0 - 0.5 ft	EF-05A-0.0-0.5	JC27156-1	9/7/2016	N	4.2	< 0.017	U	< 0.017	U	< 0.013	U	< 0.012	U	< 0.021	U	< 0.017	U	< 0.014	U	< 0.023	U	< 0.012	U	< 0.023	U
EF-05A	2.0 - 2.5 ft	EF-05A-2.0-2.5	JC27156-8	9/7/2016	N	4.2	< 0.019	U	< 0.019	U	< 0.015	U	< 0.014	U	< 0.025	U	< 0.02	U	< 0.017	U	< 0.027	U	< 0.014	U	< 0.027	U
EF-05A	2.0 - 2.5 ft	EF-05A-2.0-2.5X	JC27156-9	9/7/2016	FD	4.2	< 0.02	U	< 0.019	U	< 0.016	U	< 0.014	U	< 0.025	U	< 0.02	U	< 0.017	U	< 0.027	U	< 0.014	U	< 0.027	U
EF-05A	4.0 - 4.5 ft	EF-05A-4.0-4.5	JC27156-12	9/7/2016	N	4.2	< 0.063	U	< 0.062	U	< 0.05	U	< 0.045	U	< 0.08	U	< 0.063	U	< 0.054	U	< 0.086	U	< 0.045	U	< 0.086	U
EF-39	2.5 - 3.0 ft	EF-B39-2.5	460-25760-7	4/25/2011	N	5.5	< 0.015	U	< 0.023	U	< 0.044	U	< 0.015	U	< 0.02	U	< 0.026	U	< 0.0086	U	< 0.013	U	< 0.013	U	< 0.044	U
EF-46/ICO-20	2.5 - 3.0 ft	EF-B46-2.5	460-27297-18	6/6/2011	N	4.2	< 0.02	U	< 0.031	U	< 0.059	U	< 0.02	U	< 0.028	U	< 0.036	U	< 0.012	U	< 0.018	U	< 0.018	U	< 0.059	U

Notes:

1. Results are reported in milligrams per kilogram (mg/kg).
  2. Depths are presented in feet below ground surface (bgs).
  3. Depth to groundwater based on 2011 groundwater gauging and soil boring logs used to determine the unsaturated zone.
  4. **Bold** values indicate a detected result that exceeds the default IGW SSL.
- CAS-RN = Chemical Abstract Service Registry Number  
 IGW = Impact to Groundwater  
 Sample Type = N indicates normal original sample; FD indicates duplicate sample.  
 NJDEP = New Jersey Department of Environmental Protection  
 PCB = polychlorinated biphenyl  
 SSL = Soil Screening Level  
 U - Indicates the analyte was not detected in the sample above the sample reporting limit.