

**Table 5-8
Analytical Results - PCBs Compared to SRS
Garfield Avenue Group
PPG, Jersey City, New Jersey**



Location	Depth Interval	Sample ID	Lab ID	Date Collected	Sample Type	PCB 1016 12674-11-2 mg/kg 0.2 1		PCB 1221 11104-28-2 mg/kg 0.2 1		PCB 1232 11141-16-5 mg/kg 0.2 1		PCB 1242 53469-21-9 mg/kg 0.2 1		PCB 1248 12672-29-6 mg/kg 0.2 1		PCB 1254 11097-69-1 mg/kg 0.2 1		PCB 1260 11096-82-5 mg/kg 0.2 1		PCB 1262 37324-23-5 mg/kg 0.2 1		PCB 1268 11100-14-4 mg/kg 0.2 1		Total PCB (AROCLORS) TOT-PCB-ARO mg/kg 0.2 1	
						Result	Qualifier	Result	Qualifier	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	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.041	U					< 0.041	U
A6	10.5 - 11.0 ft	A6S10.5-11	668999	9/2/2003	N	< 0.049	U	< 0.049	U	< 0.049	U	< 0.049	U	< 0.049	U	< 0.049	U	< 0.049	U					< 0.049	U
BC8	1.5 - 2.0 ft	BC8S1.5-2	669419	9/3/2003	N	< 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	9.0 - 9.5 ft	BC8S9-9.5	669423	9/3/2003	N	< 0.046	U	< 0.046	U	< 0.046	U	< 0.046	U	< 0.046	U	< 0.046	U	< 0.046	U					< 0.046	U
EF-05	2.5 - 3.0 ft	EF-B05-2.5	460-25190-11	4/11/2011	N	< 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	0.48	
EF-05	6.0 - 6.5 ft	EF-B05-6.0	460-25301-6	4/13/2011	N	< 0.016	U	< 0.025	U	< 0.047	U	< 0.016	U	< 0.022	U	< 0.028	U	0.32		< 0.014	U	< 0.014	U	0.32	
EF-05	12.5 - 13.0 ft	EF-B05-12.5	460-25301-8	4/13/2011	N	< 0.017	U	< 0.026	U	< 0.049	U	< 0.016	U	< 0.023	U	< 0.03	U	< 0.0097	U	< 0.015	U	< 0.015	U	< 0.049	U
EF-05	17.0 - 17.5 ft	EF-B05-17.0	460-25301-9	4/13/2011	N	< 0.016	U	< 0.024	U	< 0.046	U	< 0.015	U	< 0.022	U	< 0.028	U	< 0.0091	U	0.36		< 0.014	U	0.36	
EF-05	22.5 - 23.0 ft	EF-B05-22.5	460-25301-10	4/13/2011	N	< 0.014	U	< 0.023	U	< 0.043	U	< 0.014	U	< 0.02	U	< 0.026	U	0.073	J	< 0.013	U	< 0.013	U	0.073	
EF-05A	0.0 - 0.5 ft	EF-05A-0.0-0.5	JC27156-1	9/7/2016	N	< 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	< 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	< 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	< 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-05A	6.0 - 6.5 ft	EF-05A-6.0-6.5	JC27156-13	9/7/2016	N	< 0.14	U	< 0.14	U	< 0.11	U	< 0.1	U	< 0.18	U	< 0.14	U	< 0.12	U	< 0.19	U	< 0.1	U	< 0.19	U
EF-05A	8.0 - 8.5 ft	EF-05A-8.0-8.5	JC27156-14	9/7/2016	N	< 0.073	U	< 0.072	U	< 0.058	U	< 0.052	U	< 0.093	U	< 0.073	U	< 0.062	U	< 0.099	U	< 0.052	U	< 0.099	U
EF-05A	10.0 - 10.5 ft	EF-05A-10.0-10.5	JC27156-2	9/7/2016	N	< 0.064	U	< 0.063	U	< 0.051	U	< 0.046	U	< 0.082	U	< 0.065	U	< 0.055	U	< 0.087	U	< 0.046	U	< 0.087	U
EF-05A	12.0 - 12.5 ft	EF-05A-12.0-12.5	JC27156-3	9/7/2016	N	< 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	14.0 - 14.5 ft	EF-05A-14.0-14.5	JC27156-4	9/7/2016	N	< 0.019	U	< 0.018	U	< 0.015	U	< 0.013	U	< 0.024	U	< 0.019	U	< 0.016	U	< 0.025	U	< 0.013	U	< 0.025	U
EF-05A	16.0 - 16.5 ft	EF-05A-16.0-16.5	JC27156-5	9/7/2016	N	< 0.018	U	< 0.018	U	< 0.014	U	< 0.013	U	< 0.023	U	< 0.018	U	< 0.015	U	< 0.025	U	< 0.013	U	< 0.025	U
EF-05A	17.0 - 17.5 ft	EF-05A-17.0-17.5	JC27156-6	9/7/2016	N	< 0.018	U	< 0.018	U	< 0.014	U	< 0.013	U	< 0.023	U	< 0.018	U	< 0.016	U	< 0.025	U	< 0.013	U	< 0.025	U
EF-05A	19.0 - 19.5 ft	EF-05A-19.0-19.5	JC27156-7	9/7/2016	N	< 0.019	U	< 0.019	U	< 0.015	U	< 0.013	U	< 0.024	U	< 0.019	U	< 0.016	U	< 0.026	U	< 0.013	U	< 0.026	U
EF-05A	21.0 - 21.5 ft	EF-05A-21.0-21.5	JC27156-10	9/7/2016	N	< 0.018	U	< 0.018	U	< 0.014	U	< 0.013	U	< 0.023	U	< 0.018	U	< 0.015	U	< 0.024	U	< 0.013	U	< 0.024	U
EF-05A	22.5 - 23.0 ft	EF-05A-22.5-23.0	JC27156-11	9/7/2016	N	< 0.017	U	< 0.017	U	< 0.014	U	< 0.012	U	< 0.022	U	< 0.017	U	< 0.015	U	< 0.023	U	< 0.012	U	< 0.023	U
EF-10	16.5 - 17.0 ft	EF-B10-16.5	460-25416-11	4/15/2011	N	< 0.016	U	< 0.025	U	< 0.047	U	< 0.016	U	< 0.022	U	< 0.028	U	< 0.0093	U	< 0.014	U	< 0.014	U	< 0.047	U
EF-10	21.5 - 22.0 ft	EF-B10-21.5	460-25416-12	4/15/2011	N	< 0.016	U	< 0.025	U	< 0.047	U	< 0.016	U	< 0.022	U	< 0.028	U	< 0.0093	U	< 0.014	U	< 0.014	U	< 0.047	U
EF-39	2.5 - 3.0 ft	EF-B39-2.5	460-25760-7	4/25/2011	N	< 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-39	6.0 - 6.5 ft	EF-B39-6.0	460-25804-6	4/26/2011	N	< 0.014	U	< 0.023	U	< 0.043	U	< 0.014	U	< 0.02	U	0.028	J	0.021	J	< 0.013	U	< 0.013	U	0.049	
EF-39	11.0 - 11.5 ft	EF-B39-11.0	460-25804-7	4/26/2011	N	< 0.015	U	< 0.023	U	< 0.043	U	< 0.014	U	< 0.02	U	< 0.026	U	< 0.0085	U	< 0.013	U	< 0.013	U	< 0.043	U
EF-39	17.0 - 17.5 ft	EF-B39-17	460-25804-8	4/26/2011	N	< 0.015	U	< 0.023	U	< 0.043	U	< 0.014	U	< 0.02	U	< 0.026	U	< 0.0085	U	< 0.013	U	< 0.013	U	< 0.043	U
EF-39	17.0 - 17.5 ft	EF-B39-17X	460-25804-9	4/26/2011	FD	< 0.014	U	< 0.023	U	< 0.043	U	< 0.014	U	< 0.02	U	< 0.026	U	< 0.0085	U	< 0.013	U	< 0.013	U	< 0.043	U
EF-39	20.0 - 20.5 ft	EF-B39-20.0	460-25804-10	4/26/2011	N	< 0.014	U	< 0.023	U	< 0.042	U	< 0.014	U	< 0.02	U	< 0.026	U	< 0.0083	U	< 0.013	U	< 0.013	U	< 0.042	U
EF-46/ICO-20	2.5 - 3.0 ft	EF-B46-2.5	460-27297-18	6/6/2011	N	< 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
EF-46/ICO-20	6.0 - 6.5 ft	EF-B46-6.0	460-27297-10	6/6/2011	N	< 0.016	U	< 0.025	U	< 0.046	U	< 0.016	U	< 0.022	U	< 0.028	U	< 0.0091	U	< 0.014	U	< 0.014	U	< 0.046	U
EF-46/ICO-20	17.0 - 17.5 ft	EF-B46-17.0	460-27297-9	6/6/2011	N	< 0.015	U	< 0.023	U	< 0.043	U	< 0.014	U	< 0.02	U	< 0.026	U	< 0.0085	U	< 0.013	U	< 0.013	U	< 0.043	U
EF-46/ICO-20	17.0 - 17.5 ft	EF-B46-17.0X	460-27297-8	6/6/2011	FD	< 0.015	U	< 0.023	U	< 0.043	U	< 0.014	U	< 0.02	U	< 0.026	U	< 0.0085	U	< 0.013	U	< 0.013	U	< 0.043	U

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Notes:

1. Results are reported in milligrams per kilogram (mg/kg).
 2. Depths are presented in feet (ft) below ground surface (bgs).
 3. Sample Type = N indicates normal original sample; FD indicates duplicate sample.
- CAS-RN = Chemical Abstract Service Registry Number
ID = Identification
NRDCSRS = NJDEP Non-Residential Direct Contact Soil Remediation Standard. *Italic* values indicate a result that exceeds the NRDCSRS.
PCB = polychlorinated biphenyl
RDCSRS = NJDEP Residential Direct Contact Soil Remediation Standard. **Bold** values indicate a result that exceeds the RDCSRS
SRS = Soil Remediation Standard
B - Indicates that the analyte was detected at a concentration less than the Practical Quantitation Limit but greater than or equal to the Instrument Detection Limit.
J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.
U - Indicates the analyte was not detected in the sample above the sample reporting limit.
UJ - Indicates the analyte was not detected above the reporting limit and the reporting limit was approximate.