Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

AECOM

							Analyte	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHYLENE
							CAS RN	71-55-6	79-34-5	79-00-5	76-13-1	75-34-3	75-35-4
							GWQS	30	1	3	20000	50	1
							Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**						
Monitoring Wells													
SHALLOW	114-MW20A *	114-MW20A-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW20A *	114-MW20A-8.0-20180420	8.0	N	N	JC64643	2018-04-20	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW24AR	114-MW24AR-20180502	11.5	N	N	JC65325	2018-05-02	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW25A	114-MW25A-20170926	11.5	N	N	JC51824	2017-09-26	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	12.5	N	N	JC57565	2017-12-18	< 2.5 U	**< 1.7 U**	< 2.4 U	< 12 U	< 2.1 U	**< 4.7 U**
SHALLOW	114-MW27A	114-MW27A-20170926	13.5	N	N	JC51824	2017-09-26	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	11.5	N	N	JC57565	2017-12-18	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	21.0	N	N	JC56729A	2017-12-06	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	11.5	N	N	JC56859A	2017-12-07	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW36A	114-MW36A-20170927	10.0	N	N	JC51890	2017-09-27	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW36A	114-MW36A-20170927-X	10.0	FD	N	JC51890	2017-09-27	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW37A	114-MW37A-20170926	12.5	N	N	JC51824	2017-09-26	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	0.34 J	< 0.47 U
SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	22.5	N	N	JC56504A	2017-12-04	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-MW41A	114-MW41A-20180420	12.5	N	N	JC64643	2018-04-20	0.40 J	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-11.0-20180430	11.0	N	N	JC65178	2018-04-30	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-16.0-20180430	16.0	N	N	JC65178	2018-04-30	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-17.0-20180420	17.0	N	N	JC64643	2018-04-20	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20170925	9.5	N	N	JC51736	2017-09-25	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-14.0-20171213	14.0	N	N	JC57276	2017-12-13	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-9.0-20171213	9.0	N	N	JC57276	2017-12-13	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-16.0-20171212	16.0	N	N	JC57169	2017-12-12	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-13.0-20180419	13.0	N	N	JC64571	2018-04-19	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-8.0-20180419	8.0	N	N	JC64571	2018-04-19	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-13.0-20180426	13.0	N	N	JC64986	2018-04-26	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-9.0-20180426	9.0	N	N	JC64986	2018-04-26	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-10.0-20180531	10.0	N	N	JC67069	2018-05-31	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-15.0-20180531	15.0	N	N	JC67069	2018-05-31	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-8.0-20180423	8.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	135-MW2A	135-MW2A-10.0-20180423	10.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	135-MW2A	135-MW2A-14.0-20180423	14.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	135-MW2A	135-MW2A-6.0-20180423	6.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-13.0-20180424	13.0	N	N	JC64822	2018-04-24	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	137-P3B-MW102S	137-P3B-MW102S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-10.0-20180501	10.0	N	N	JC65255	2018-05-01	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-15.0-20180501	15.0	N	N	JC65255	2018-05-01	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	MW7S	MW7S-10.0-20180430	10.0	N	N	JC65178	2018-04-30	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	MW8S	MW8S-20180427	9.5	N	N	JC65066	2018-04-27	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	MW-CR-3	MW-CR-3-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	MW-CR-3	MW-CR-3-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
SHALLOW	MW-CR-3	MW-CR-3-21.0-20180418	21.0	N	N	JC64444	2018-04-18	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-2017220	39.5	N	N	JC57752	2017-12-20	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	0.63 J	**1.7**
INTERMEDIATE	114-MW17B	114-MW17B-20180418	27.5	N	N	JC64444	2018-04-18	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-MW19B	114-MW19B20180501	47.5	N	N	JC65255	2018-05-01	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-MW20B	114-MW20B-20180419	37.5	N	N	JC64571	2018-04-19	< 5.0 U	**< 3.4 U**	**< 4.8 U**	< 25 U	< 4.1 U	**< 9.5 U**
INTERMEDIATE	114-MW24B	114-MW24B-20180312	33.0	N	N	JC62130	2018-03-12	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313	35.5	N	N	JC62228	2018-03-13	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	2.5	**1.6**
INTERMEDIATE	114-MW26B	114-MW26B-20180313X	35.5	FD	N	JC62228	2018-03-13	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	2.5	**1.6**
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	35.5	N	N	JC56729A	2017-12-06	2.5	< 0.17 U	< 0.24 U	< 1.2 U	0.80 J	< 0.47 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	35.5	FD	N	JC56729A	2017-12-06	2.5	< 0.17 U	< 0.24 U	< 1.2 U	0.72 J	< 0.47 U
INTERMEDIATE	114-MW36B	114-MW36B-20170927	32.5	N	N	JC51890	2017-09-27	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212	42.5	N	N	JC60652	2018-02-12	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212X	42.5	FD	N	JC60652	2018-02-12	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-MW40B	114-MW40B-20180427	40.5	N	N	JC65066	2018-04-27	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-MW41B	114-MW41B-20180420	24.5	N	N	JC64643	2018-04-20	0.38 J	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-27.0-20171221	27.0	N	N	JC57820	2017-12-21	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-32.0-20171221	32.0	N	N	JC57820	2017-12-21	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

AECOM

							Analyte	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHYLENE
							CAS RN	71-55-6	79-34-5	79-00-5	76-13-1	75-34-3	75-35-4
							GWQS	30	1	3	20000	50	1
							Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**						
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-26.5-20171219	26.5	N	N	JC57638	2017-12-19	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-31.0-20171215	31.0	N	N	JC57501A	2017-12-15	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-26.5-20180112	26.5	N	N	JC58745	2018-01-12	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-31.5-20180112	31.5	N	N	JC58745	2018-01-12	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20180111	34.6	N	N	JC58670	2018-01-11	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	22.5	N	N	JC58073A	2017-12-27	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	27.5	N	N	JC58073A	2017-12-27	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	32.5	N	N	JC58028A	2017-12-26	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	37.5	N	N	JC58028A	2017-12-26	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	22.5	N	N	JC58942	2018-01-16	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	27.5	N	N	JC58942	2018-01-16	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	32.5	N	N	JC58942	2018-01-16	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	37.5	N	N	JC58942	2018-01-16	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-33.0-20180531	33.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.34 U	< 0.48 U	< 2.5 U	< 0.41 U	< 0.95 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-38.0-20180531	38.0	N	N	JC67069	2018-05-31	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-30.0-20180430	30.0	N	N	JC65178	2018-04-30	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-35.0-20180430	35.0	N	N	JC65178	2018-04-30	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-34.5-20180418	34.5	N	N	JC64444	2018-04-18	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-39.5-20180418	39.5	N	N	JC64444	2018-04-18	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-33.0-20180420	33.0	N	N	JC64643	2018-04-20	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-37.0-20180420	37.0	N	N	JC64643	2018-04-20	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-32.5-20180111	32.5	N	N	JC58670	2018-01-11	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-37.5-20180111	37.5	N	N	JC58670	2018-01-11	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-29.0-20180531	29.0	N	N	JC67069	2018-05-31	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531	34.0	N	N	JC67069	2018-05-31	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531-X	34.0	FD	N	JC67069	2018-05-31	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-28.0-20171213	28.0	N	N	JC57276	2017-12-13	3.8	< 0.17 U	< 0.24 U	< 1.2 U	3.0	**9.3**
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-33.0-20171213	33.0	N	N	JC57276	2017-12-13	6.5	< 0.17 U	< 0.24 U	< 1.2 U	10.8	**24.4**
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-42.0-20171212	42.0	N	N	JC57169	2017-12-12	< 2.5 U	**< 1.7 U**	< 2.4 U	< 12 U	8.4 J	**30.4**
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-47.0-20171212	47.0	N	N	JC57169	2017-12-12	< 6.3 U	**< 4.2 U**	**< 6.0 U**	< 31 U	7.5 J	**26.4**
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-28.0-20180419	28.0	N	N	JC64571	2018-04-19	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	0.74 J	**4.4**
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-33.0-20180419	33.0	N	N	JC64571	2018-04-19	< 1.3 U	< 0.84 U	< 1.2 U	< 6.2 U	1.8 J	**15.7**
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-38.0-20180423	38.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-42.0-20180423	42.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	135-MW2B	135-MW2B-20180425	30.5	N	N	JC64901	2018-04-25	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-37.0-20180531	37.0	N	N	JC67069	2018-05-31	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-42.0-20180531	42.0	N	N	JC67069	2018-05-31	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	MW7D	MW7D-41.0-20180423	41.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	0.22 J	< 0.47 U
INTERMEDIATE	MW7D	MW7D-45.0-20180423	45.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	0.28 J	< 0.47 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425	41.0	N	N	JC64901	2018-04-25	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425X	41.0	FD	N	JC64901	2018-04-25	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
INTERMEDIATE	MW8D	MW8D-45.0-20180425	45.0	N	N	JC64901	2018-04-25	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
DEEP	114-MW19C	114-MW19C-99.0-20180427	99.0	N	N	JC65066	2018-04-27	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
DEEP	114-MW20C	114-MW20C-20180419	80.5	N	N	JC64571	2018-04-19	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
DEEP	114-MW25C	114-MW25C-20180313	44.5	N	N	JC62228	2018-03-13	< 2.5 U	**< 1.7 U**	< 2.4 U	< 12 U	< 2.1 U	**< 4.7 U**
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	35.0	N	N	JC57943A	2017-12-22	2.5	< 0.17 U	< 0.24 U	< 1.2 U	4.9	**5.4**
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	40.0	N	N	JC57943A	2017-12-22	3.0	< 0.17 U	< 0.24 U	< 1.2 U	5.5	**6.4**
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	45.0	N	N	JC57820	2017-12-21	2.6	< 0.17 U	< 0.24 U	< 1.2 U	4.9	**5.6**
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	50.0	N	N	JC57820	2017-12-21	3.1	< 0.17 U	< 0.24 U	< 1.2 U	5.5	**6.7**
DEEP	MW8F	MW8F-20180425	80.5	N	N	JC64901	2018-04-25	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U
DEEP	MW-CR-3D	MW-CR-3D-20180418	43.5	N	N	JC64444	2018-04-18	< 0.25 U	< 0.17 U	< 0.24 U	< 1.2 U	< 0.21 U	< 0.47 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

AECOM

								1,2,3-TRICHLOROBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1,2-DIBROMOETHANE(EDB)
							Analyte	1,2,3-TRICHLOROBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1,2-DIBROMOETHANE(EDB)
							CAS RN	87-61-6	120-82-1	95-63-6	96-12-8	106-93-4
							GWQS	-	9	100	0.02	0.03
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**					
Monitoring Wells												
SHALLOW	114-MW20A *	114-MW20A-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.50 U	17.3	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW20A *	114-MW20A-8.0-20180420	8.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.50 U	28.5	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW24AR	114-MW24AR-20180502	11.5	N	N	JC65325	2018-05-02	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW25A	114-MW25A-20170926	11.5	N	N	JC51824	2017-09-26	< 0.50 U	0.90 J	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	12.5	N	N	JC57565	2017-12-18	< 5.0 U	**140**	-	**< 6.9 U**	**< 2.1 U**
SHALLOW	114-MW27A	114-MW27A-20170926	13.5	N	N	JC51824	2017-09-26	< 0.50 U	0.72 J	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	11.5	N	N	JC57565	2017-12-18	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	21.0	N	N	JC56729A	2017-12-06	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	11.5	N	N	JC56859A	2017-12-07	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW36A	114-MW36A-20170927	10.0	N	N	JC51890	2017-09-27	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW36A	114-MW36A-20170927-X	10.0	FD	N	JC51890	2017-09-27	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW37A	114-MW37A-20170926	12.5	N	N	JC51824	2017-09-26	< 0.50 U	0.72 J	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	22.5	N	N	JC56504A	2017-12-04	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-MW41A	114-MW41A-20180420	12.5	N	N	JC64643	2018-04-20	< 0.50 U	< 0.50 U	3.7	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-11.0-20180430	11.0	N	N	JC65178	2018-04-30	< 0.50 U	< 0.50 U	1.8 J	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-16.0-20180430	16.0	N	N	JC65178	2018-04-30	< 0.50 U	< 0.50 U	1.8 J	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.50 U	33.3	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-17.0-20180420	17.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.50 U	38.7	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20170925	9.5	N	N	JC51736	2017-09-25	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-14.0-20171213	14.0	N	N	JC57276	2017-12-13	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-9.0-20171213	9.0	N	N	JC57276	2017-12-13	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-16.0-20171212	16.0	N	N	JC57169	2017-12-12	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-13.0-20180419	13.0	N	N	JC64571	2018-04-19	< 0.50 U	< 0.50 U	4.1	**< 0.69 U**	**< 0.21 U**
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-8.0-20180419	8.0	N	N	JC64571	2018-04-19	< 0.50 U	< 0.50 U	3.4	**< 0.69 U**	**< 0.21 U**
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-13.0-20180426	13.0	N	N	JC64986	2018-04-26	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-9.0-20180426	9.0	N	N	JC64986	2018-04-26	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	132-P3A-MW5	132-P3A-MW5-10.0-20180531	10.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	132-P3A-MW5	132-P3A-MW5-15.0-20180531	15.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-8.0-20180423	8.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	135-MW2A	135-MW2A-10.0-20180423	10.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	135-MW2A	135-MW2A-14.0-20180423	14.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	135-MW2A	135-MW2A-6.0-20180423	6.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-13.0-20180424	13.0	N	N	JC64822	2018-04-24	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	137-P3B-MW102S	137-P3B-MW102S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-10.0-20180501	10.0	N	N	JC65255	2018-05-01	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-15.0-20180501	15.0	N	N	JC65255	2018-05-01	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	MW7S	MW7S-10.0-20180430	10.0	N	N	JC65178	2018-04-30	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	MW8S	MW8S-20180427	9.5	N	N	JC65066	2018-04-27	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
SHALLOW	MW-CR-3	MW-CR-3-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.50 U	< 0.50 U	2.0	**< 0.69 U**	**< 0.21 U**
SHALLOW	MW-CR-3	MW-CR-3-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.50 U	< 0.50 U	2.0	**< 0.69 U**	**< 0.21 U**
SHALLOW	MW-CR-3	MW-CR-3-21.0-20180418	21.0	N	N	JC64444	2018-04-18	< 0.50 U	< 0.50 U	1.8 J	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-2017220	39.5	N	N	JC57752	2017-12-20	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW17B	114-MW17B-20180418	27.5	N	N	JC64444	2018-04-18	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW19B	114-MW19B20180501	47.5	N	N	JC65255	2018-05-01	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW20B	114-MW20B-20180419	37.5	N	N	JC64571	2018-04-19	< 10 U	**< 10 U**	**552**	**< 14 U**	**< 4.2 U**
INTERMEDIATE	114-MW24B	114-MW24B-20180312	33.0	N	N	JC62130	2018-03-12	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW26B	114-MW26B-20180313	35.5	N	N	JC62228	2018-03-13	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW26B	114-MW26B-20180313X	35.5	FD	N	JC62228	2018-03-13	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	35.5	N	N	JC56729A	2017-12-06	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	35.5	FD	N	JC56729A	2017-12-06	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW36B	114-MW36B-20170927	32.5	N	N	JC51890	2017-09-27	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW39B	114-MW39B-20180212	42.5	N	N	JC60652	2018-02-12	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW39B	114-MW39B-20180212X	42.5	FD	N	JC60652	2018-02-12	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW40B	114-MW40B-20180427	40.5	N	N	JC65066	2018-04-27	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-MW41B	114-MW41B-20180420	24.5	N	N	JC64643	2018-04-20	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-27.0-20171221	27.0	N	N	JC57820	2017-12-21	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-32.0-20171221	32.0	N	N	JC57820	2017-12-21	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

AECOM

							Analyte	1,2,3-TRICHLOROBENZENE	1,2,4-TRICHLOROBENZENE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1,2-DIBROMOETHANE(EDB)
							CAS RN	87-61-6	120-82-1	95-63-6	96-12-8	106-93-4
							GWQS	-	9	100	0.02	0.03
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**					
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-26.5-20171219	26.5	N	N	JC57638	2017-12-19	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-31.0-20171215	31.0	N	N	JC57501A	2017-12-15	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-26.5-20180112	26.5	N	N	JC58745	2018-01-12	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-31.5-20180112	31.5	N	N	JC58745	2018-01-12	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20180111	34.6	N	N	JC58670	2018-01-11	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	22.5	N	N	JC58073A	2017-12-27	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	27.5	N	N	JC58073A	2017-12-27	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	32.5	N	N	JC58028A	2017-12-26	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	37.5	N	N	JC58028A	2017-12-26	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	22.5	N	N	JC58942	2018-01-16	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	27.5	N	N	JC58942	2018-01-16	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	32.5	N	N	JC58942	2018-01-16	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	37.5	N	N	JC58942	2018-01-16	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-33.0-20180531	33.0	N	N	JC67069	2018-05-31	< 1.0 U	< 1.0 U	**173**	**< 1.4 U**	**< 0.42 U**
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-38.0-20180531	38.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.50 U	**195**	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-30.0-20180430	30.0	N	N	JC65178	2018-04-30	< 0.50 U	< 0.50 U	15.5	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-35.0-20180430	35.0	N	N	JC65178	2018-04-30	< 0.50 U	< 0.50 U	20.1	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-34.5-20180418	34.5	N	N	JC64444	2018-04-18	1.1	5.0	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-39.5-20180418	39.5	N	N	JC64444	2018-04-18	1.1	5.5	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-33.0-20180420	33.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.50 U	43.4	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-37.0-20180420	37.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.50 U	49.3	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-32.5-20180111	32.5	N	N	JC58670	2018-01-11	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-37.5-20180111	37.5	N	N	JC58670	2018-01-11	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-29.0-20180531	29.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531	34.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531-X	34.0	FD	N	JC67069	2018-05-31	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-28.0-20171213	28.0	N	N	JC57276	2017-12-13	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-33.0-20171213	33.0	N	N	JC57276	2017-12-13	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-42.0-20171212	42.0	N	N	JC57169	2017-12-12	< 5.0 U	< 5.0 U	-	**< 6.9 U**	**< 2.1 U**
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-47.0-20171212	47.0	N	N	JC57169	2017-12-12	< 13 U	**< 13 U**	-	**< 17 U**	**< 5.3 U**
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-28.0-20180419	28.0	N	N	JC64571	2018-04-19	< 0.50 U	< 0.50 U	9.4	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-33.0-20180419	33.0	N	N	JC64571	2018-04-19	< 2.5 U	< 2.5 U	**140**	**< 3.4 U**	**< 1.1 U**
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-38.0-20180423	38.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-42.0-20180423	42.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	135-MW2B	135-MW2B-20180425	30.5	N	N	JC64901	2018-04-25	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-37.0-20180531	37.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-42.0-20180531	42.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	MW7D	MW7D-41.0-20180423	41.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	MW7D	MW7D-45.0-20180423	45.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	MW8D	MW8D-41.0-20180425	41.0	N	N	JC64901	2018-04-25	< 0.50 U	< 0.50 U	10.9 J	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	MW8D	MW8D-41.0-20180425X	41.0	FD	N	JC64901	2018-04-25	< 0.50 U	< 0.50 U	15.2 J	**< 0.69 U**	**< 0.21 U**
INTERMEDIATE	MW8D	MW8D-45.0-20180425	45.0	N	N	JC64901	2018-04-25	< 0.50 U	< 0.50 U	0.29 J	**< 0.69 U**	**< 0.21 U**
DEEP	114-MW19C	114-MW19C-99.0-20180427	99.0	N	N	JC65066	2018-04-27	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
DEEP	114-MW20C	114-MW20C-20180419	80.5	N	N	JC64571	2018-04-19	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
DEEP	114-MW25C	114-MW25C-20180313	44.5	N	N	JC62228	2018-03-13	< 5.0 U	< 5.0 U	-	**< 6.9 U**	**< 2.1 U**
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	35.0	N	N	JC57943A	2017-12-22	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	40.0	N	N	JC57943A	2017-12-22	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	45.0	N	N	JC57820	2017-12-21	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	50.0	N	N	JC57820	2017-12-21	< 0.50 U	< 0.50 U	-	**< 0.69 U**	**< 0.21 U**
DEEP	MW8F	MW8F-20180425	80.5	N	N	JC64901	2018-04-25	< 0.50 U	< 0.50 U	< 0.24 U	**< 0.69 U**	**< 0.21 U**
DEEP	MW-CR-3D	MW-CR-3D-20180418	43.5	N	N	JC64444	2018-04-18	< 0.50 U	< 0.50 U	0.50 J	**< 0.69 U**	**< 0.21 U**

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

AECOM

							Analyte	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2-BUTANONE (MEK)	4-METHYL-2-PENTANONE (MIBK)	ACETONE	BENZENE
							CAS RN	95-50-1	107-06-2	78-87-5	106-46-7	78-93-3	108-10-1	67-64-1	71-43-2
							GWQS	600	2	1	75	300	-	6000	1
							Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**								
Monitoring Wells															
SHALLOW	114-MW20A *	114-MW20A-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**34.0**
SHALLOW	114-MW20A *	114-MW20A-8.0-20180420	8.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**34.0**
SHALLOW	114-MW24AR	114-MW24AR-20180502	11.5	N	N	JC65325	2018-05-02	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**1.8**
SHALLOW	114-MW25A	114-MW25A-20170926	11.5	N	N	JC51824	2017-09-26	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	12.5	N	N	JC57565	2017-12-18	**650**	< 2.0 U	**< 2.4 U**	**743**	< 48 U	< 30 U	< 50 U	**24.9**
SHALLOW	114-MW27A	114-MW27A-20170926	13.5	N	N	JC51824	2017-09-26	1.2	< 0.20 U	< 0.24 U	0.96 J	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	11.5	N	N	JC57565	2017-12-18	1.8	< 0.20 U	< 0.24 U	2.7	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	21.0	N	N	JC56729A	2017-12-06	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	11.5	N	N	JC56859A	2017-12-07	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	114-MW36A	114-MW36A-20170927	10.0	N	N	JC51890	2017-09-27	4.4	< 0.20 U	< 0.24 U	16.3	< 4.8 U	< 3.0 U	7.1 J	0.77
SHALLOW	114-MW36A	114-MW36A-20170927-X	10.0	FD	N	JC51890	2017-09-27	4.5	< 0.20 U	< 0.24 U	17.0	< 4.8 U	< 3.0 U	6.6 J	0.80
SHALLOW	114-MW37A	114-MW37A-20170926	12.5	N	N	JC51824	2017-09-26	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	22.5	N	N	JC56504A	2017-12-04	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	114-MW41A	114-MW41A-20180420	12.5	N	N	JC64643	2018-04-20	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	23.7	0.29 J
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-11.0-20180430	11.0	N	N	JC65178	2018-04-30	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.20 J
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-16.0-20180430	16.0	N	N	JC65178	2018-04-30	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.21 J
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**49.0**
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-17.0-20180420	17.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**48.2**
SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20170925	9.5	N	N	JC51736	2017-09-25	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**6.1**
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-14.0-20171213	14.0	N	N	JC57276	2017-12-13	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**34.9**
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-9.0-20171213	9.0	N	N	JC57276	2017-12-13	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**36.0**
SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-16.0-20171212	16.0	N	N	JC57169	2017-12-12	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**111**
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-13.0-20180419	13.0	N	N	JC64571	2018-04-19	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**35.0**
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-8.0-20180419	8.0	N	N	JC64571	2018-04-19	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**21.6**
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-13.0-20180426	13.0	N	N	JC64986	2018-04-26	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-9.0-20180426	9.0	N	N	JC64986	2018-04-26	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-10.0-20180531	10.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	57.1	< 0.17 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-15.0-20180531	15.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.22 J
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-8.0-20180423	8.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	135-MW2A	135-MW2A-10.0-20180423	10.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	135-MW2A	135-MW2A-14.0-20180423	14.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**7.4**
SHALLOW	135-MW2A	135-MW2A-6.0-20180423	6.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	6.3 J	< 0.17 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-13.0-20180424	13.0	N	N	JC64822	2018-04-24	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**2.8**
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**2.9**
SHALLOW	137-P3B-MW102S	137-P3B-MW102S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.26 J
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-10.0-20180501	10.0	N	N	JC65255	2018-05-01	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-15.0-20180501	15.0	N	N	JC65255	2018-05-01	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**4.2**
SHALLOW	MW7S	MW7S-10.0-20180430	10.0	N	N	JC65178	2018-04-30	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	MW8S	MW8S-20180427	9.5	N	N	JC65066	2018-04-27	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
SHALLOW	MW-CR-3	MW-CR-3-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	3.1 J	8.1 J	**1.3**
SHALLOW	MW-CR-3	MW-CR-3-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	3.5 J	9.4 J	**1.4**
SHALLOW	MW-CR-3	MW-CR-3-21.0-20180418	21.0	N	N	JC64444	2018-04-18	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	3.9 J	11.9	**1.5**
INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-2017220	39.5	N	N	JC57752	2017-12-20	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	6.5 J	3.4 J	58.3	0.41 J
INTERMEDIATE	114-MW17B	114-MW17B-20180418	27.5	N	N	JC64444	2018-04-18	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	17.1	23.2	< 0.17 U
INTERMEDIATE	114-MW19B	114-MW19B20180501	47.5	N	N	JC65255	2018-05-01	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-MW20B	114-MW20B-20180419	37.5	N	N	JC64571	2018-04-19	< 10 U	**< 4.0 U**	**< 4.7 U**	< 10 U	< 95 U	< 60 U	< 100 U	**7770**
INTERMEDIATE	114-MW24B	114-MW24B-20180312	33.0	N	N	JC62130	2018-03-12	< 0.50 U	1.1	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313	35.5	N	N	JC62228	2018-03-13	< 0.50 U	**10.2**	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**3.0**
INTERMEDIATE	114-MW26B	114-MW26B-20180313X	35.5	FD	N	JC62228	2018-03-13	< 0.50 U	**10.5**	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**2.9**
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	35.5	N	N	JC56729A	2017-12-06	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	35.5	FD	N	JC56729A	2017-12-06	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-MW36B	114-MW36B-20170927	32.5	N	N	JC51890	2017-09-27	< 0.50 U	**46.1**	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212	42.5	N	N	JC60652	2018-02-12	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.23 J
INTERMEDIATE	114-MW39B	114-MW39B-20180212X	42.5	FD	N	JC60652	2018-02-12	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.24 J
INTERMEDIATE	114-MW40B	114-MW40B-20180427	40.5	N	N	JC65066	2018-04-27	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-MW41B	114-MW41B-20180420	24.5	N	N	JC64643	2018-04-20	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	5.5 J	0.29 J
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-27.0-20171221	27.0	N	N	JC57820	2017-12-21	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-32.0-20171221	32.0	N	N	JC57820	2017-12-21	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2-BUTANONE (MEK)	4-METHYL-2-PENTANONE (MIBK)	ACETONE	BENZENE
							CAS RN	95-50-1	107-06-2	78-87-5	106-46-7	78-93-3	108-10-1	67-64-1	71-43-2
							GWQS	600	2	1	75	300	-	6000	1
							Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	Location ID	Sample ID	Sample Depth (ft bTOIC)	Sample Type	Fraction	Lab SDG	Date Collected								
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-26.5-20171219	26.5	N	N	JC57638	2017-12-19	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-31.0-20171215	31.0	N	N	JC57501A	2017-12-15	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	5.9 J	0.26 J
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-26.5-20180112	26.5	N	N	JC58745	2018-01-12	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.17 J
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-31.5-20180112	31.5	N	N	JC58745	2018-01-12	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20180111	34.6	N	N	JC58670	2018-01-11	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	22.5	N	N	JC58073A	2017-12-27	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	27.5	N	N	JC58073A	2017-12-27	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	32.5	N	N	JC58028A	2017-12-26	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.19 J
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	37.5	N	N	JC58028A	2017-12-26	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	5.5 J	0.21 J
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	22.5	N	N	JC58942	2018-01-16	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	27.5	N	N	JC58942	2018-01-16	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	32.5	N	N	JC58942	2018-01-16	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	37.5	N	N	JC58942	2018-01-16	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-33.0-20180531	33.0	N	N	JC67069	2018-05-31	< 1.0 U	< 0.40 U	< 0.47 U	< 1.0 U	< 9.5 U	< 6.0 U	< 10 U	**12.4**
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-38.0-20180531	38.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**14.4**
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-30.0-20180430	30.0	N	N	JC65178	2018-04-30	2.1	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**311**
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-35.0-20180430	35.0	N	N	JC65178	2018-04-30	2.8	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**500**
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-34.5-20180418	34.5	N	N	JC64444	2018-04-18	10.6	**14.5**	< 0.24 U	5.3	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-39.5-20180418	39.5	N	N	JC64444	2018-04-18	11.4	**13.7**	< 0.24 U	5.7	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-33.0-20180420	33.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	7.8 J	**85.2**
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-37.0-20180420	37.0	N	N	JC64643	2018-04-20	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**83.1**
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-32.5-20180111	32.5	N	N	JC58670	2018-01-11	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.17 J
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-37.5-20180111	37.5	N	N	JC58670	2018-01-11	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.20 J
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-29.0-20180531	29.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.74
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531	34.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.53
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531-X	34.0	FD	N	JC67069	2018-05-31	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.48 J
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-28.0-20171213	28.0	N	N	JC57276	2017-12-13	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	6.0 J	**97.4**
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-33.0-20171213	33.0	N	N	JC57276	2017-12-13	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	5.9 J	**171**
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-42.0-20171212	42.0	N	N	JC57169	2017-12-12	< 5.0 U	< 2.0 U	**< 2.4 U**	< 5.0 U	< 48 U	< 30 U	< 50 U	**1480**
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-47.0-20171212	47.0	N	N	JC57169	2017-12-12	< 13 U	**< 5.0 U**	**< 5.9 U**	< 13 U	< 120 U	< 75 U	< 130 U	**3110**
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-28.0-20180419	28.0	N	N	JC64571	2018-04-19	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**320**
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-33.0-20180419	33.0	N	N	JC64571	2018-04-19	< 2.5 U	< 1.0 U	**< 1.2 U**	< 2.5 U	< 24 U	< 15 U	< 25 U	**2070**
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-38.0-20180423	38.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-42.0-20180423	42.0	N	N	JC64763	2018-04-23	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	135-MW2B	135-MW2B-20180425	30.5	N	N	JC64901	2018-04-25	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-37.0-20180531	37.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-42.0-20180531	42.0	N	N	JC67069	2018-05-31	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	55.0	< 0.17 U
INTERMEDIATE	MW7D	MW7D-41.0-20180423	41.0	N	N	JC64763	2018-04-23	0.59 J	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**22.3**
INTERMEDIATE	MW7D	MW7D-45.0-20180423	45.0	N	N	JC64763	2018-04-23	0.73 J	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**16.7**
INTERMEDIATE	MW8D	MW8D-41.0-20180425	41.0	N	N	JC64901	2018-04-25	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**423 J**
INTERMEDIATE	MW8D	MW8D-41.0-20180425X	41.0	FD	N	JC64901	2018-04-25	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**583 J**
INTERMEDIATE	MW8D	MW8D-45.0-20180425	45.0	N	N	JC64901	2018-04-25	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**9.7**
DEEP	114-MW19C	114-MW19C-99.0-20180427	99.0	N	N	JC65066	2018-04-27	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
DEEP	114-MW20C	114-MW20C-20180419	80.5	N	N	JC64571	2018-04-19	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	**2.0**
DEEP	114-MW25C	114-MW25C-20180313	44.5	N	N	JC62228	2018-03-13	< 5.0 U	**73.3**	**< 2.4 U**	< 5.0 U	< 48 U	< 30 U	< 50 U	**1190**
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	35.0	N	N	JC57943A	2017-12-22	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.42 J
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	40.0	N	N	JC57943A	2017-12-22	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.41 J
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	45.0	N	N	JC57820	2017-12-21	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.38 J
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	50.0	N	N	JC57820	2017-12-21	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	0.45 J
DEEP	MW8F	MW8F-20180425	80.5	N	N	JC64901	2018-04-25	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U
DEEP	MW-CR-3D	MW-CR-3D-20180418	43.5	N	N	JC64444	2018-04-18	< 0.50 U	< 0.20 U	< 0.24 U	< 0.50 U	< 4.8 U	< 3.0 U	< 5.0 U	< 0.17 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

AECOM

								BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROBROMOMETHANE	CHLORODIBROMOMETHANE
							Analyte	75-27-4	74-83-9	75-15-0	56-23-5	108-90-7	74-97-5	124-48-1
							CAS RN	1	10	700	1	50	-	1
							GWQS	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
							Units							
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**							
Monitoring Wells														
SHALLOW	114-MW20A *	114-MW20A-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-MW20A *	114-MW20A-8.0-20180420	8.0	N	N	JC64643	2018-04-20	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-MW24AR	114-MW24AR-20180502	11.5	N	N	JC65325	2018-05-02	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	0.63 J	< 0.38 U	< 0.16 U
SHALLOW	114-MW25A	114-MW25A-20170926	11.5	N	N	JC51824	2017-09-26	< 0.22 U	< 1.4 U	< 0.23 U	< 0.34 U	0.33 J	< 0.38 U	< 0.16 U
SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	12.5	N	N	JC57565	2017-12-18	**< 2.2 U**	**< 14 U**	< 5.0 U	**< 3.4 U**	**1520**	< 3.8 U	**< 1.6 U**
SHALLOW	114-MW27A	114-MW27A-20170926	13.5	N	N	JC51824	2017-09-26	< 0.22 U	< 1.4 U	< 0.23 U	< 0.34 U	0.84 J	< 0.38 U	< 0.16 U
SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	11.5	N	N	JC57565	2017-12-18	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	2.1	< 0.38 U	< 0.16 U
SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	21.0	N	N	JC56729A	2017-12-06	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	11.5	N	N	JC56859A	2017-12-07	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-MW36A	114-MW36A-20170927	10.0	N	N	JC51890	2017-09-27	< 0.22 U	< 1.4 U	0.81 J	< 0.34 U	13.6	< 0.38 U	< 0.16 U
SHALLOW	114-MW36A	114-MW36A-20170927-X	10.0	FD	N	JC51890	2017-09-27	< 0.22 U	< 1.4 U	0.99 J	< 0.34 U	13.8	< 0.38 U	< 0.16 U
SHALLOW	114-MW37A	114-MW37A-20170926	12.5	N	N	JC51824	2017-09-26	< 0.22 U	< 1.4 U	< 0.23 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	22.5	N	N	JC56504A	2017-12-04	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-MW41A	114-MW41A-20180420	12.5	N	N	JC64643	2018-04-20	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-11.0-20180430	11.0	N	N	JC65178	2018-04-30	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-16.0-20180430	16.0	N	N	JC65178	2018-04-30	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-17.0-20180420	17.0	N	N	JC64643	2018-04-20	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20170925	9.5	N	N	JC51736	2017-09-25	< 0.22 U	< 1.4 U	< 0.23 U	< 0.34 U	2.6	< 0.38 U	< 0.16 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-14.0-20171213	14.0	N	N	JC57276	2017-12-13	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-9.0-20171213	9.0	N	N	JC57276	2017-12-13	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-16.0-20171212	16.0	N	N	JC57169	2017-12-12	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-13.0-20180419	13.0	N	N	JC64571	2018-04-19	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-8.0-20180419	8.0	N	N	JC64571	2018-04-19	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-13.0-20180426	13.0	N	N	JC64986	2018-04-26	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-9.0-20180426	9.0	N	N	JC64986	2018-04-26	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-10.0-20180531	10.0	N	N	JC67069	2018-05-31	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-15.0-20180531	15.0	N	N	JC67069	2018-05-31	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-8.0-20180423	8.0	N	N	JC64763	2018-04-23	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	135-MW2A	135-MW2A-10.0-20180423	10.0	N	N	JC64763	2018-04-23	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	135-MW2A	135-MW2A-14.0-20180423	14.0	N	N	JC64763	2018-04-23	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	135-MW2A	135-MW2A-6.0-20180423	6.0	N	N	JC64763	2018-04-23	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-13.0-20180424	13.0	N	N	JC64822	2018-04-24	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	137-P3B-MW102S	137-P3B-MW102S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-10.0-20180501	10.0	N	N	JC65255	2018-05-01	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-15.0-20180501	15.0	N	N	JC65255	2018-05-01	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	MW7S	MW7S-10.0-20180430	10.0	N	N	JC65178	2018-04-30	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	MW8S	MW8S-20180427	9.5	N	N	JC65066	2018-04-27	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	MW-CR-3	MW-CR-3-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.22 U	< 1.4 U	1.0 J	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	MW-CR-3	MW-CR-3-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.22 U	< 1.4 U	1.2 J	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
SHALLOW	MW-CR-3	MW-CR-3-21.0-20180418	21.0	N	N	JC64444	2018-04-18	< 0.22 U	< 1.4 U	1.4 J	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-2017220	39.5	N	N	JC57752	2017-12-20	< 0.22 U	< 1.4 U	18.2	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW17B	114-MW17B-20180418	27.5	N	N	JC64444	2018-04-18	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW19B	114-MW19B20180501	47.5	N	N	JC65255	2018-05-01	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW20B	114-MW20B-20180419	37.5	N	N	JC64571	2018-04-19	**< 4.3 U**	**< 27 U**	< 10 U	**< 6.7 U**	< 4.8 U	< 7.7 U	**< 3.3 U**
INTERMEDIATE	114-MW24B	114-MW24B-20180312	33.0	N	N	JC62130	2018-03-12	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313	35.5	N	N	JC62228	2018-03-13	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	0.29 J	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313X	35.5	FD	N	JC62228	2018-03-13	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	0.31 J	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	35.5	N	N	JC56729A	2017-12-06	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	35.5	FD	N	JC56729A	2017-12-06	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW36B	114-MW36B-20170927	32.5	N	N	JC51890	2017-09-27	< 0.22 U	< 1.4 U	< 0.23 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212	42.5	N	N	JC60652	2018-02-12	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212X	42.5	FD	N	JC60652	2018-02-12	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW40B	114-MW40B-20180427	40.5	N	N	JC65066	2018-04-27	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-MW41B	114-MW41B-20180420	24.5	N	N	JC64643	2018-04-20	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-27.0-20171221	27.0	N	N	JC57820	2017-12-21	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-32.0-20171221	32.0	N	N	JC57820	2017-12-21	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

						Analyte	BROMODICHLOROMETHANE	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROBROMOMETHANE	CHLORODIBROMOMETHANE
						CAS RN	75-27-4	74-83-9	75-15-0	56-23-5	108-90-7	74-97-5	124-48-1
						GWQS	1	10	700	1	50	-	1
						Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**							
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-26.5-20171219	26.5	N	N	JC57638	2017-12-19	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-31.0-20171215	31.0	N	N	JC57501A	2017-12-15	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-26.5-20180112	26.5	N	N	JC58745	2018-01-12	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-31.5-20180112	31.5	N	N	JC58745	2018-01-12	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20180111	34.6	N	N	JC58670	2018-01-11	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	22.5	N	N	JC58073A	2017-12-27	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	27.5	N	N	JC58073A	2017-12-27	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	32.5	N	N	JC58028A	2017-12-26	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	37.5	N	N	JC58028A	2017-12-26	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	22.5	N	N	JC58942	2018-01-16	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	27.5	N	N	JC58942	2018-01-16	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	32.5	N	N	JC58942	2018-01-16	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	37.5	N	N	JC58942	2018-01-16	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-33.0-20180531	33.0	N	N	JC67069	2018-05-31	< 0.43 U	< 2.7 U	< 1.0 U	< 0.67 U	< 0.48 U	< 0.77 U	< 0.33 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-38.0-20180531	38.0	N	N	JC67069	2018-05-31	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-30.0-20180430	30.0	N	N	JC65178	2018-04-30	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	5.1	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-35.0-20180430	35.0	N	N	JC65178	2018-04-30	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	7.3	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-34.5-20180418	34.5	N	N	JC64444	2018-04-18	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	3.7	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-39.5-20180418	39.5	N	N	JC64444	2018-04-18	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	3.9	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-33.0-20180420	33.0	N	N	JC64643	2018-04-20	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-37.0-20180420	37.0	N	N	JC64643	2018-04-20	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-32.5-20180111	32.5	N	N	JC58670	2018-01-11	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-37.5-20180111	37.5	N	N	JC58670	2018-01-11	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-29.0-20180531	29.0	N	N	JC67069	2018-05-31	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531	34.0	N	N	JC67069	2018-05-31	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531-X	34.0	FD	N	JC67069	2018-05-31	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-28.0-20171213	28.0	N	N	JC57276	2017-12-13	< 0.22 U	< 1.4 U	1.1 J	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-33.0-20171213	33.0	N	N	JC57276	2017-12-13	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-42.0-20171212	42.0	N	N	JC57169	2017-12-12	**< 2.2 U**	**< 14 U**	< 5.0 U	**< 3.4 U**	< 2.4 U	< 3.8 U	**< 1.6 U**
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-47.0-20171212	47.0	N	N	JC57169	2017-12-12	**< 5.4 U**	**< 34 U**	< 13 U	**< 8.4 U**	< 6.0 U	< 9.6 U	**< 4.1 U**
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-28.0-20180419	28.0	N	N	JC64571	2018-04-19	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-33.0-20180419	33.0	N	N	JC64571	2018-04-19	**< 1.1 U**	< 6.9 U	< 2.5 U	**< 1.7 U**	< 1.2 U	< 1.9 U	< 0.82 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-38.0-20180423	38.0	N	N	JC64763	2018-04-23	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-42.0-20180423	42.0	N	N	JC64763	2018-04-23	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	135-MW2B	135-MW2B-20180425	30.5	N	N	JC64901	2018-04-25	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-37.0-20180531	37.0	N	N	JC67069	2018-05-31	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-42.0-20180531	42.0	N	N	JC67069	2018-05-31	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	MW7D	MW7D-41.0-20180423	41.0	N	N	JC64763	2018-04-23	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	0.37 J	< 0.38 U	< 0.16 U
INTERMEDIATE	MW7D	MW7D-45.0-20180423	45.0	N	N	JC64763	2018-04-23	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	0.43 J	< 0.38 U	< 0.16 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425	41.0	N	N	JC64901	2018-04-25	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425X	41.0	FD	N	JC64901	2018-04-25	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
INTERMEDIATE	MW8D	MW8D-45.0-20180425	45.0	N	N	JC64901	2018-04-25	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
DEEP	114-MW19C	114-MW19C-99.0-20180427	99.0	N	N	JC65066	2018-04-27	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
DEEP	114-MW20C	114-MW20C-20180419	80.5	N	N	JC64571	2018-04-19	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
DEEP	114-MW25C	114-MW25C-20180313	44.5	N	N	JC62228	2018-03-13	**< 2.2 U**	**< 14 U**	< 5.0 U	**< 3.4 U**	< 2.4 U	< 3.8 U	**< 1.6 U**
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	35.0	N	N	JC57943A	2017-12-22	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	40.0	N	N	JC57943A	2017-12-22	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	45.0	N	N	JC57820	2017-12-21	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	50.0	N	N	JC57820	2017-12-21	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
DEEP	MW8F	MW8F-20180425	80.5	N	N	JC64901	2018-04-25	< 0.22 U	< 1.4 U	< 0.50 U	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U
DEEP	MW-CR-3D	MW-CR-3D-20180418	43.5	N	N	JC64444	2018-04-18	< 0.22 U	< 1.4 U	0.83 J	< 0.34 U	< 0.24 U	< 0.38 U	< 0.16 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

AECOM

							Analyte	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DICHLORODIFLUOROMETHANE
							CAS RN	75-00-3	67-66-3	74-87-3	156-59-2	10061-01-5	110-82-7	75-71-8
							GWQS	5	70	-	70	-	-	1000
							Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**							
Monitoring Wells														
SHALLOW	114-MW20A *	114-MW20A-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW20A *	114-MW20A-8.0-20180420	8.0	N	N	JC64643	2018-04-20	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW24AR	114-MW24AR-20180502	11.5	N	N	JC65325	2018-05-02	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW25A	114-MW25A-20170926	11.5	N	N	JC51824	2017-09-26	< 0.59 U	< 0.29 U	< 0.53 U	3.6	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	12.5	N	N	JC57565	2017-12-18	**< 5.9 U**	< 2.9 U	< 5.3 U	7.4 J	< 2.5 U	< 6.3 U	< 19 U
SHALLOW	114-MW27A	114-MW27A-20170926	13.5	N	N	JC51824	2017-09-26	< 0.59 U	< 0.29 U	< 0.53 U	6.5	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	11.5	N	N	JC57565	2017-12-18	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	21.0	N	N	JC56729A	2017-12-06	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	11.5	N	N	JC56859A	2017-12-07	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW36A	114-MW36A-20170927	10.0	N	N	JC51890	2017-09-27	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW36A	114-MW36A-20170927-X	10.0	FD	N	JC51890	2017-09-27	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW37A	114-MW37A-20170926	12.5	N	N	JC51824	2017-09-26	< 0.59 U	< 0.29 U	< 0.53 U	4.3	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	22.5	N	N	JC56504A	2017-12-04	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-MW41A	114-MW41A-20180420	12.5	N	N	JC64643	2018-04-20	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-11.0-20180430	11.0	N	N	JC65178	2018-04-30	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-16.0-20180430	16.0	N	N	JC65178	2018-04-30	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-17.0-20180420	17.0	N	N	JC64643	2018-04-20	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20170925	9.5	N	N	JC51736	2017-09-25	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-14.0-20171213	14.0	N	N	JC57276	2017-12-13	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-9.0-20171213	9.0	N	N	JC57276	2017-12-13	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-16.0-20171212	16.0	N	N	JC57169	2017-12-12	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-13.0-20180419	13.0	N	N	JC64571	2018-04-19	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-8.0-20180419	8.0	N	N	JC64571	2018-04-19	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-13.0-20180426	13.0	N	N	JC64986	2018-04-26	< 0.59 U	0.40 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-9.0-20180426	9.0	N	N	JC64986	2018-04-26	< 0.59 U	0.45 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-10.0-20180531	10.0	N	N	JC67069	2018-05-31	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-15.0-20180531	15.0	N	N	JC67069	2018-05-31	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-8.0-20180423	8.0	N	N	JC64763	2018-04-23	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	135-MW2A	135-MW2A-10.0-20180423	10.0	N	N	JC64763	2018-04-23	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	135-MW2A	135-MW2A-14.0-20180423	14.0	N	N	JC64763	2018-04-23	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	135-MW2A	135-MW2A-6.0-20180423	6.0	N	N	JC64763	2018-04-23	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.59 U	0.82 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-13.0-20180424	13.0	N	N	JC64822	2018-04-24	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	137-P3B-MW102S	137-P3B-MW102S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-10.0-20180501	10.0	N	N	JC65255	2018-05-01	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-15.0-20180501	15.0	N	N	JC65255	2018-05-01	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	MW7S	MW7S-10.0-20180430	10.0	N	N	JC65178	2018-04-30	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	MW8S	MW8S-20180427	9.5	N	N	JC65066	2018-04-27	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	MW-CR-3	MW-CR-3-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	MW-CR-3	MW-CR-3-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
SHALLOW	MW-CR-3	MW-CR-3-21.0-20180418	21.0	N	N	JC64444	2018-04-18	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-2017220	39.5	N	N	JC57752	2017-12-20	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW17B	114-MW17B-20180418	27.5	N	N	JC64444	2018-04-18	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW19B	114-MW19B20180501	47.5	N	N	JC65255	2018-05-01	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW20B	114-MW20B-20180419	37.5	N	N	JC64571	2018-04-19	**< 12 U**	< 5.7 U	< 11 U	< 10 U	< 5.0 U	< 13 U	< 37 U
INTERMEDIATE	114-MW24B	114-MW24B-20180312	33.0	N	N	JC62130	2018-03-12	< 0.59 U	< 0.29 U	< 0.53 U	0.88 J	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313	35.5	N	N	JC62228	2018-03-13	< 0.59 U	0.41 J	< 0.53 U	**169**	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313X	35.5	FD	N	JC62228	2018-03-13	< 0.59 U	0.44 J	< 0.53 U	**174**	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	35.5	N	N	JC56729A	2017-12-06	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	35.5	FD	N	JC56729A	2017-12-06	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW36B	114-MW36B-20170927	32.5	N	N	JC51890	2017-09-27	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212	42.5	N	N	JC60652	2018-02-12	< 0.59 U	0.42 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212X	42.5	FD	N	JC60652	2018-02-12	< 0.59 U	0.42 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW40B	114-MW40B-20180427	40.5	N	N	JC65066	2018-04-27	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-MW41B	114-MW41B-20180420	24.5	N	N	JC64643	2018-04-20	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-27.0-20171221	27.0	N	N	JC57820	2017-12-21	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-32.0-20171221	32.0	N	N	JC57820	2017-12-21	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	CIS-1,3-DICHLOROPROPENE	CYCLOHEXANE	DICHLORODIFLUOROMETHANE
							CAS RN	75-00-3	67-66-3	74-87-3	156-59-2	10061-01-5	110-82-7	75-71-8
							GWQS	5	70	-	70	-	-	1000
							Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	Location ID	Sample ID	Sample Depth (ft bTOIC)	Sample Type	Fraction	Lab SDG	Date Collected							
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-26.5-20171219	26.5	N	N	JC57638	2017-12-19	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-31.0-20171215	31.0	N	N	JC57501A	2017-12-15	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-26.5-20180112	26.5	N	N	JC58745	2018-01-12	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-31.5-20180112	31.5	N	N	JC58745	2018-01-12	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20180111	34.6	N	N	JC58670	2018-01-11	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	22.5	N	N	JC58073A	2017-12-27	< 0.59 U	0.71 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	27.5	N	N	JC58073A	2017-12-27	< 0.59 U	0.37 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	32.5	N	N	JC58028A	2017-12-26	< 0.59 U	0.43 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	37.5	N	N	JC58028A	2017-12-26	< 0.59 U	0.55 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	22.5	N	N	JC58942	2018-01-16	< 0.59 U	0.88 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	27.5	N	N	JC58942	2018-01-16	< 0.59 U	1.3	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	32.5	N	N	JC58942	2018-01-16	< 0.59 U	1.1	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	37.5	N	N	JC58942	2018-01-16	< 0.59 U	1.1	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-33.0-20180531	33.0	N	N	JC67069	2018-05-31	< 1.2 U	< 0.57 U	< 1.1 U	< 1.0 U	< 0.50 U	< 1.3 U	< 3.7 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-38.0-20180531	38.0	N	N	JC67069	2018-05-31	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-30.0-20180430	30.0	N	N	JC65178	2018-04-30	< 0.59 U	< 0.29 U	< 0.53 U	1.7	< 0.25 U	2.8 J	< 1.9 U
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-35.0-20180430	35.0	N	N	JC65178	2018-04-30	< 0.59 U	< 0.29 U	< 0.53 U	2.2	< 0.25 U	3.1 J	< 1.9 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-34.5-20180418	34.5	N	N	JC64444	2018-04-18	< 0.59 U	< 0.29 U	< 0.53 U	2.4	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-39.5-20180418	39.5	N	N	JC64444	2018-04-18	< 0.59 U	< 0.29 U	< 0.53 U	2.7	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-33.0-20180420	33.0	N	N	JC64643	2018-04-20	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	0.65 J	< 1.9 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-37.0-20180420	37.0	N	N	JC64643	2018-04-20	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	0.66 J	< 1.9 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-32.5-20180111	32.5	N	N	JC58670	2018-01-11	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-37.5-20180111	37.5	N	N	JC58670	2018-01-11	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-29.0-20180531	29.0	N	N	JC67069	2018-05-31	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531	34.0	N	N	JC67069	2018-05-31	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531-X	34.0	FD	N	JC67069	2018-05-31	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-28.0-20171213	28.0	N	N	JC57276	2017-12-13	< 0.59 U	< 0.29 U	< 0.53 U	0.88 J	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-33.0-20171213	33.0	N	N	JC57276	2017-12-13	< 0.59 U	< 0.29 U	< 0.53 U	1.3	< 0.25 U	0.65 J	< 1.9 U
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-42.0-20171212	42.0	N	N	JC57169	2017-12-12	**< 5.9 U**	< 2.9 U	< 5.3 U	< 5.0 U	< 2.5 U	< 6.3 U	< 19 U
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-47.0-20171212	47.0	N	N	JC57169	2017-12-12	**< 15 U**	< 7.2 U	< 13 U	< 12 U	< 6.3 UJ	< 16 U	< 47 U
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-28.0-20180419	28.0	N	N	JC64571	2018-04-19	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-33.0-20180419	33.0	N	N	JC64571	2018-04-19	< 3.0 U	< 1.4 U	< 2.7 U	< 2.5 U	< 1.3 U	< 3.2 U	< 9.3 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-38.0-20180423	38.0	N	N	JC64763	2018-04-23	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-42.0-20180423	42.0	N	N	JC64763	2018-04-23	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	135-MW2B	135-MW2B-20180425	30.5	N	N	JC64901	2018-04-25	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-37.0-20180531	37.0	N	N	JC67069	2018-05-31	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-42.0-20180531	42.0	N	N	JC67069	2018-05-31	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	MW7D	MW7D-41.0-20180423	41.0	N	N	JC64763	2018-04-23	< 0.59 U	< 0.29 U	< 0.53 U	3.4	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	MW7D	MW7D-45.0-20180423	45.0	N	N	JC64763	2018-04-23	< 0.59 U	< 0.29 U	< 0.53 U	3.5	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425	41.0	N	N	JC64901	2018-04-25	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425X	41.0	FD	N	JC64901	2018-04-25	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
INTERMEDIATE	MW8D	MW8D-45.0-20180425	45.0	N	N	JC64901	2018-04-25	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
DEEP	114-MW19C	114-MW19C-99.0-20180427	99.0	N	N	JC65066	2018-04-27	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
DEEP	114-MW20C	114-MW20C-20180419	80.5	N	N	JC64571	2018-04-19	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
DEEP	114-MW25C	114-MW25C-20180313	44.5	N	N	JC62228	2018-03-13	**< 5.9 UJ**	< 2.9 U	< 5.3 U	**100**	< 2.5 U	< 6.3 U	< 19 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	35.0	N	N	JC57943A	2017-12-22	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	40.0	N	N	JC57943A	2017-12-22	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	45.0	N	N	JC57820	2017-12-21	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	50.0	N	N	JC57820	2017-12-21	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
DEEP	MW8F	MW8F-20180425	80.5	N	N	JC64901	2018-04-25	< 0.59 U	0.44 J	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U
DEEP	MW-CR-3D	MW-CR-3D-20180418	43.5	N	N	JC64444	2018-04-18	< 0.59 U	< 0.29 U	< 0.53 U	< 0.50 U	< 0.25 U	< 0.63 U	< 1.9 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

AECOM

							Analyte	DICHLOROMETHANE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENE	M-DICHLOROBENZENE	METHYL ACETATE	METHYL N-BUTYL KETONE	METHYLCYCLOHEXANE
							CAS RN	75-09-2	100-41-4	98-82-8	M+P-XYLENE	541-73-1	79-20-9	591-78-6	108-87-2
							GWQS	3	700	700	-	600	7000	300	-
							Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**								
Monitoring Wells															
SHALLOW	114-MW20A *	114-MW20A-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 1.0 U	54.5	6.8	30.5	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW20A *	114-MW20A-8.0-20180420	8.0	N	N	JC64643	2018-04-20	< 1.0 U	80.6	8.9	46.1	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW24AR	114-MW24AR-20180502	11.5	N	N	JC65325	2018-05-02	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW25A	114-MW25A-20170926	11.5	N	N	JC51824	2017-09-26	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	12.5	N	N	JC57565	2017-12-18	**< 10 U**	< 2.2 U	2.6 J	< 4.3 U	418	< 31 U	< 33 U	< 18 U
SHALLOW	114-MW27A	114-MW27A-20170926	13.5	N	N	JC51824	2017-09-26	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	11.5	N	N	JC57565	2017-12-18	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	1.4	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	21.0	N	N	JC56729A	2017-12-06	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	11.5	N	N	JC56859A	2017-12-07	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW36A	114-MW36A-20170927	10.0	N	N	JC51890	2017-09-27	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	5.0	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW36A	114-MW36A-20170927-X	10.0	FD	N	JC51890	2017-09-27	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	5.3	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW37A	114-MW37A-20170926	12.5	N	N	JC51824	2017-09-26	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	22.5	N	N	JC56504A	2017-12-04	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-MW41A	114-MW41A-20180420	12.5	N	N	JC64643	2018-04-20	< 1.0 U	2.1	0.41 J	4.2	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-11.0-20180430	11.0	N	N	JC65178	2018-04-30	< 1.0 U	1.9	0.40 J	0.57 J	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-16.0-20180430	16.0	N	N	JC65178	2018-04-30	< 1.0 U	2.1	0.37 J	0.57 J	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	0.58 J	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 1.0 U	395	10	432	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-17.0-20180420	17.0	N	N	JC64643	2018-04-20	< 1.0 U	433	11.2	482	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20170925	9.5	N	N	JC51736	2017-09-25	< 1.0 U	< 0.22 U	0.43 J	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-14.0-20171213	14.0	N	N	JC57276	2017-12-13	< 1.0 U	1.6	1.6	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-9.0-20171213	9.0	N	N	JC57276	2017-12-13	< 1.0 U	2.8	1.9	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-16.0-20171212	16.0	N	N	JC57169	2017-12-12	< 1.0 U	14.5	1.4	1.3	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-13.0-20180419	13.0	N	N	JC64571	2018-04-19	< 1.0 U	10.5	0.95 J	3.0	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-8.0-20180419	8.0	N	N	JC64571	2018-04-19	< 1.0 U	5.9	0.79 J	1.2	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-13.0-20180426	13.0	N	N	JC64986	2018-04-26	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-9.0-20180426	9.0	N	N	JC64986	2018-04-26	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-10.0-20180531	10.0	N	N	JC67069	2018-05-31	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-15.0-20180531	15.0	N	N	JC67069	2018-05-31	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-8.0-20180423	8.0	N	N	JC64763	2018-04-23	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	135-MW2A	135-MW2A-10.0-20180423	10.0	N	N	JC64763	2018-04-23	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	135-MW2A	135-MW2A-14.0-20180423	14.0	N	N	JC64763	2018-04-23	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	135-MW2A	135-MW2A-6.0-20180423	6.0	N	N	JC64763	2018-04-23	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-13.0-20180424	13.0	N	N	JC64822	2018-04-24	< 1.0 U	0.31 J	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 1.0 U	0.38 J	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	137-P3B-MW102S	137-P3B-MW102S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-10.0-20180501	10.0	N	N	JC65255	2018-05-01	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-15.0-20180501	15.0	N	N	JC65255	2018-05-01	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	MW7S	MW7S-10.0-20180430	10.0	N	N	JC65178	2018-04-30	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	MW8S	MW8S-20180427	9.5	N	N	JC65066	2018-04-27	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	MW-CR-3	MW-CR-3-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 1.0 U	21.4	< 0.25 U	1.3	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	MW-CR-3	MW-CR-3-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 1.0 U	20.6	< 0.25 U	1.3	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
SHALLOW	MW-CR-3	MW-CR-3-21.0-20180418	21.0	N	N	JC64444	2018-04-18	< 1.0 U	17.2	< 0.25 U	1.4	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-2017220	39.5	N	N	JC57752	2017-12-20	< 1.0 U	1.4	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW17B	114-MW17B-20180418	27.5	N	N	JC64444	2018-04-18	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW19B	114-MW19B20180501	47.5	N	N	JC65255	2018-05-01	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW20B	114-MW20B-20180419	37.5	N	N	JC64571	2018-04-19	**< 20 U**	**1760**	117	1620	< 10 U	< 61 U	< 65 U	< 37 U
INTERMEDIATE	114-MW24B	114-MW24B-20180312	33.0	N	N	JC62130	2018-03-12	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313	35.5	N	N	JC62228	2018-03-13	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313X	35.5	FD	N	JC62228	2018-03-13	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	35.5	N	N	JC56729A	2017-12-06	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	35.5	FD	N	JC56729A	2017-12-06	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW36B	114-MW36B-20170927	32.5	N	N	JC51890	2017-09-27	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212	42.5	N	N	JC60652	2018-02-12	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212X	42.5	FD	N	JC60652	2018-02-12	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW40B	114-MW40B-20180427	40.5	N	N	JC65066	2018-04-27	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-MW41B	114-MW41B-20180420	24.5	N	N	JC64643	2018-04-20	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-27.0-20171221	27.0	N	N	JC57820	2017-12-21	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-32.0-20171221	32.0	N	N	JC57820	2017-12-21	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	DICHLOROMETHANE	ETHYLBENZENE	ISOPROPYLBENZENE	M+P-XYLENE	M-DICHLOROBENZENE	METHYL ACETATE	METHYL N-BUTYL KETONE	METHYLCYCLOHEXANE
							CAS RN	75-09-2	100-41-4	98-82-8	M+P-XYLENE	541-73-1	79-20-9	591-78-6	108-87-2
							GWQS	3	700	700	-	600	7000	300	-
							Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	Location ID	Sample ID	Sample Depth (ft bTOIC)	Sample Type	Fraction	Lab SDG	Date Collected								
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-26.5-20171219	26.5	N	N	JC57638	2017-12-19	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-31.0-20171215	31.0	N	N	JC57501A	2017-12-15	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-26.5-20180112	26.5	N	N	JC58745	2018-01-12	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-31.5-20180112	31.5	N	N	JC58745	2018-01-12	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20180111	34.6	N	N	JC58670	2018-01-11	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	22.5	N	N	JC58073A	2017-12-27	< 1.0 U	0.37 J	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	27.5	N	N	JC58073A	2017-12-27	< 1.0 U	0.41 J	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	32.5	N	N	JC58028A	2017-12-26	< 1.0 U	0.60 J	< 0.25 U	0.47 J	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	37.5	N	N	JC58028A	2017-12-26	< 1.0 U	0.70 J	< 0.25 U	0.60 J	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	22.5	N	N	JC58942	2018-01-16	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	27.5	N	N	JC58942	2018-01-16	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	32.5	N	N	JC58942	2018-01-16	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	37.5	N	N	JC58942	2018-01-16	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-33.0-20180531	33.0	N	N	JC67069	2018-05-31	< 2.0 U	47.4	4.1	314	< 1.0 U	< 6.1 U	< 6.5 U	< 3.7 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-38.0-20180531	38.0	N	N	JC67069	2018-05-31	< 1.0 U	59.8	5.6	379	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-30.0-20180430	30.0	N	N	JC65178	2018-04-30	< 1.0 U	127	47.8	2.3	< 0.50 U	< 3.1 U	< 3.3 U	4.4 J
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-35.0-20180430	35.0	N	N	JC65178	2018-04-30	< 1.0 U	159	49.6	3.5	0.56 J	< 3.1 U	< 3.3 U	4.8 J
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-34.5-20180418	34.5	N	N	JC64444	2018-04-18	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	2.6	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-39.5-20180418	39.5	N	N	JC64444	2018-04-18	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	2.8	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-33.0-20180420	33.0	N	N	JC64643	2018-04-20	< 1.0 U	39.9	13.9	1.2	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-37.0-20180420	37.0	N	N	JC64643	2018-04-20	< 1.0 U	39.1	14.0	1.0	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-32.5-20180111	32.5	N	N	JC58670	2018-01-11	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-37.5-20180111	37.5	N	N	JC58670	2018-01-11	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-29.0-20180531	29.0	N	N	JC67069	2018-05-31	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531	34.0	N	N	JC67069	2018-05-31	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531-X	34.0	FD	N	JC67069	2018-05-31	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-28.0-20171213	28.0	N	N	JC57276	2017-12-13	< 1.0 U	40.6	55.4	94.4	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-33.0-20171213	33.0	N	N	JC57276	2017-12-13	< 1.0 U	57.7	67.9	157	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-42.0-20171212	42.0	N	N	JC57169	2017-12-12	**< 10 U**	90.2	30.2	344	< 5.0 U	< 31 U	< 33 U	< 18 U
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-47.0-20171212	47.0	N	N	JC57169	2017-12-12	**< 25 U**	85.8	32.5	424	< 13 U	< 77 U	< 81 U	< 46 U
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-28.0-20180419	28.0	N	N	JC64571	2018-04-19	< 1.0 U	146	15.6	6.7	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-33.0-20180419	33.0	N	N	JC64571	2018-04-19	**< 5.0 U**	108	52.9	77.1	< 2.5 U	< 15 U	< 16 U	< 9.2 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-38.0-20180423	38.0	N	N	JC64763	2018-04-23	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-42.0-20180423	42.0	N	N	JC64763	2018-04-23	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	135-MW2B	135-MW2B-20180425	30.5	N	N	JC64901	2018-04-25	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-37.0-20180531	37.0	N	N	JC67069	2018-05-31	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-42.0-20180531	42.0	N	N	JC67069	2018-05-31	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	MW7D	MW7D-41.0-20180423	41.0	N	N	JC64763	2018-04-23	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	MW7D	MW7D-45.0-20180423	45.0	N	N	JC64763	2018-04-23	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425	41.0	N	N	JC64901	2018-04-25	< 1.0 U	21.2 J	2.2 J	55.9 J	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425X	41.0	FD	N	JC64901	2018-04-25	< 1.0 U	33.0 J	3.2 J	78.5 J	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
INTERMEDIATE	MW8D	MW8D-45.0-20180425	45.0	N	N	JC64901	2018-04-25	< 1.0 U	0.86 J	< 0.25 U	1.4	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
DEEP	114-MW19C	114-MW19C-99.0-20180427	99.0	N	N	JC65066	2018-04-27	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
DEEP	114-MW20C	114-MW20C-20180419	80.5	N	N	JC64571	2018-04-19	< 1.0 U	0.31 J	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
DEEP	114-MW25C	114-MW25C-20180313	44.5	N	N	JC62228	2018-03-13	**< 10 U**	165	12.7	226	< 5.0 U	< 31 U	< 33 U	< 18 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	35.0	N	N	JC57943A	2017-12-22	< 1.0 U	0.65 J	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	40.0	N	N	JC57943A	2017-12-22	< 1.0 U	0.66 J	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	45.0	N	N	JC57820	2017-12-21	< 1.0 U	0.61 J	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	50.0	N	N	JC57820	2017-12-21	< 1.0 U	0.70 J	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
DEEP	MW8F	MW8F-20180425	80.5	N	N	JC64901	2018-04-25	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U
DEEP	MW-CR-3D	MW-CR-3D-20180418	43.5	N	N	JC64444	2018-04-18	< 1.0 U	< 0.22 U	< 0.25 U	< 0.43 U	< 0.50 U	< 3.1 U	< 3.3 U	< 1.8 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	METHYL-TERT-BUTYL ETHER	O-XYLENE	STYRENE (MONOMER)	TETRACHLOROETHENE	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
							CAS RN	1634-04-4	95-47-6	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6
							GWQS	70	-	100	1	600	100	-
							Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**							
Monitoring Wells														
SHALLOW	114-MW20A *	114-MW20A-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.25 U	32.5	< 0.24 U	< 0.50 U	9.0	< 0.40 U	< 0.22 U
SHALLOW	114-MW20A *	114-MW20A-8.0-20180420	8.0	N	N	JC64643	2018-04-20	< 0.25 U	47.6	< 0.24 U	< 0.50 U	12.8	< 0.40 U	< 0.22 U
SHALLOW	114-MW24AR	114-MW24AR-20180502	11.5	N	N	JC65325	2018-05-02	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-MW25A	114-MW25A-20170926	11.5	N	N	JC51824	2017-09-26	4.9	< 0.22 U	< 0.24 U	**5.1**	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	12.5	N	N	JC57565	2017-12-18	< 2.5 U	< 2.2 U	< 2.4 U	**< 5.0 U**	< 2.5 U	< 4.0 U	< 2.2 U
SHALLOW	114-MW27A	114-MW27A-20170926	13.5	N	N	JC51824	2017-09-26	5.4	< 0.22 U	< 0.24 U	**4.6**	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	11.5	N	N	JC57565	2017-12-18	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	21.0	N	N	JC56729A	2017-12-06	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	11.5	N	N	JC56859A	2017-12-07	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-MW36A	114-MW36A-20170927	10.0	N	N	JC51890	2017-09-27	0.41 J	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-MW36A	114-MW36A-20170927-X	10.0	FD	N	JC51890	2017-09-27	0.48 J	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-MW37A	114-MW37A-20170926	12.5	N	N	JC51824	2017-09-26	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	22.5	N	N	JC56504A	2017-12-04	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-MW41A	114-MW41A-20180420	12.5	N	N	JC64643	2018-04-20	< 0.25 U	1.6	0.34 J	**6.5**	1.3	< 0.40 U	< 0.22 U
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-11.0-20180430	11.0	N	N	JC65178	2018-04-30	< 0.25 U	0.40 J	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-16.0-20180430	16.0	N	N	JC65178	2018-04-30	< 0.25 U	0.53 J	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.25 U	291	< 0.24 U	< 0.50 U	13.4	< 0.40 U	< 0.22 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-17.0-20180420	17.0	N	N	JC64643	2018-04-20	< 0.25 U	320	< 0.24 U	< 0.50 U	14.4	< 0.40 U	< 0.22 U
SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20170925	9.5	N	N	JC51736	2017-09-25	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-14.0-20171213	14.0	N	N	JC57276	2017-12-13	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-9.0-20171213	9.0	N	N	JC57276	2017-12-13	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-16.0-20171212	16.0	N	N	JC57169	2017-12-12	< 0.25 U	7.9	< 0.24 U	< 0.50 U	1.1	< 0.40 U	< 0.22 U
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-13.0-20180419	13.0	N	N	JC64571	2018-04-19	< 0.25 U	3.7	< 0.24 U	< 0.50 U	1.2	< 0.40 U	< 0.22 U
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-8.0-20180419	8.0	N	N	JC64571	2018-04-19	< 0.25 U	1.5	< 0.24 U	< 0.50 U	0.53 J	< 0.40 U	< 0.22 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-13.0-20180426	13.0	N	N	JC64986	2018-04-26	0.69 J	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-9.0-20180426	9.0	N	N	JC64986	2018-04-26	0.71 J	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-10.0-20180531	10.0	N	N	JC67069	2018-05-31	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-15.0-20180531	15.0	N	N	JC67069	2018-05-31	2.3	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-8.0-20180423	8.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	135-MW2A	135-MW2A-10.0-20180423	10.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	135-MW2A	135-MW2A-14.0-20180423	14.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	135-MW2A	135-MW2A-6.0-20180423	6.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-13.0-20180424	13.0	N	N	JC64822	2018-04-24	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	137-P3B-MW102S	137-P3B-MW102S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	0.54 J	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-10.0-20180501	10.0	N	N	JC65255	2018-05-01	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-15.0-20180501	15.0	N	N	JC65255	2018-05-01	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	MW7S	MW7S-10.0-20180430	10.0	N	N	JC65178	2018-04-30	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	MW8S	MW8S-20180427	9.5	N	N	JC65066	2018-04-27	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
SHALLOW	MW-CR-3	MW-CR-3-11.0-20180418	11.0	N	N	JC64444	2018-04-18	0.95 J	1.5	**132**	< 0.50 U	5.0	< 0.40 U	< 0.22 U
SHALLOW	MW-CR-3	MW-CR-3-16.0-20180418	16.0	N	N	JC64444	2018-04-18	1.0	1.5	**135**	< 0.50 U	5.1	< 0.40 U	< 0.22 U
SHALLOW	MW-CR-3	MW-CR-3-21.0-20180418	21.0	N	N	JC64444	2018-04-18	1.0	1.7	**144**	< 0.50 U	5.2	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-2017220	39.5	N	N	JC57752	2017-12-20	0.26 J	< 0.22 U	1.4	< 0.50 U	0.36 J	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MW17B	114-MW17B-20180418	27.5	N	N	JC64444	2018-04-18	1.5	< 0.22 U	< 0.24 U	**3.9**	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MW19B	114-MW19B20180501	47.5	N	N	JC65255	2018-05-01	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MW20B	114-MW20B-20180419	37.5	N	N	JC64571	2018-04-19	< 5.0 U	1130	< 4.8 U	**< 10 U**	**2540**	< 8.0 U	< 4.3 U
INTERMEDIATE	114-MW24B	114-MW24B-20180312	33.0	N	N	JC62130	2018-03-12	2.9	< 0.22 U	< 0.24 U	**1.4**	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313	35.5	N	N	JC62228	2018-03-13	< 0.25 U	< 0.22 U	< 0.24 U	**30.8**	< 0.25 U	1.3	< 0.22 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313X	35.5	FD	N	JC62228	2018-03-13	< 0.25 U	< 0.22 U	< 0.24 U	**34.2**	< 0.25 U	1.3	< 0.22 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	35.5	N	N	JC56729A	2017-12-06	0.49 J	< 0.22 U	< 0.24 U	**3.6**	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	35.5	FD	N	JC56729A	2017-12-06	0.44 J	< 0.22 U	< 0.24 U	**3.7**	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MW36B	114-MW36B-20170927	32.5	N	N	JC51890	2017-09-27	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212	42.5	N	N	JC60652	2018-02-12	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212X	42.5	FD	N	JC60652	2018-02-12	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MW40B	114-MW40B-20180427	40.5	N	N	JC65066	2018-04-27	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-MW41B	114-MW41B-20180420	24.5	N	N	JC64643	2018-04-20	0.31 J	< 0.22 U	< 0.24 U	0.67 J	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-27.0-20171221	27.0	N	N	JC57820	2017-12-21	2.4	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-32.0-20171221	32.0	N	N	JC57820	2017-12-21	2.3	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

AECOM

							Analyte	METHYL-TERT-BUTYL ETHER	O-XYLENE	STYRENE (MONOMER)	TETRACHLOROETHENE	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE
							CAS RN	1634-04-4	95-47-6	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6
							GWQS	70	-	100	1	600	100	-
							Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**							
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-26.5-20171219	26.5	N	N	JC57638	2017-12-19	1.9	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-31.0-20171215	31.0	N	N	JC57501A	2017-12-15	2.5	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-26.5-20180112	26.5	N	N	JC58745	2018-01-12	2.3	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-31.5-20180112	31.5	N	N	JC58745	2018-01-12	1.6	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20180111	34.6	N	N	JC58670	2018-01-11	16.5	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	22.5	N	N	JC58073A	2017-12-27	0.41 J	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	27.5	N	N	JC58073A	2017-12-27	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	32.5	N	N	JC58028A	2017-12-26	< 0.25 U	0.36 J	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	37.5	N	N	JC58028A	2017-12-26	0.36 J	0.40 J	< 0.24 U	< 0.50 U	0.29 J	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	22.5	N	N	JC58942	2018-01-16	0.91 J	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	27.5	N	N	JC58942	2018-01-16	1.3	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	32.5	N	N	JC58942	2018-01-16	1.4	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	37.5	N	N	JC58942	2018-01-16	1.5	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-33.0-20180531	33.0	N	N	JC67069	2018-05-31	< 0.50 U	187	**198**	< 1.0 U	63.6	< 0.80 U	< 0.43 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-38.0-20180531	38.0	N	N	JC67069	2018-05-31	< 0.25 U	220	**231**	< 0.50 U	75.7	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-30.0-20180430	30.0	N	N	JC65178	2018-04-30	2.7	6.9	< 0.24 U	< 0.50 U	2.8	0.48 J	< 0.22 U
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-35.0-20180430	35.0	N	N	JC65178	2018-04-30	3.4	11.7	< 0.24 U	< 0.50 U	3.9	0.51 J	< 0.22 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-34.5-20180418	34.5	N	N	JC64444	2018-04-18	< 0.25 U	< 0.22 U	< 0.24 U	0.74 J	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-39.5-20180418	39.5	N	N	JC64444	2018-04-18	< 0.25 U	< 0.22 U	< 0.24 U	0.70 J	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-33.0-20180420	33.0	N	N	JC64643	2018-04-20	< 0.25 U	3.7	< 0.24 U	< 0.50 U	3.7	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-37.0-20180420	37.0	N	N	JC64643	2018-04-20	< 0.25 U	3.5	< 0.24 U	< 0.50 U	3.4	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-32.5-20180111	32.5	N	N	JC58670	2018-01-11	5.2	< 0.22 U	< 0.24 U	0.70 J	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-37.5-20180111	37.5	N	N	JC58670	2018-01-11	7.3	< 0.22 U	< 0.24 U	0.78 J	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-29.0-20180531	29.0	N	N	JC67069	2018-05-31	1.1	< 0.22 U	< 0.24 U	1.0	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531	34.0	N	N	JC67069	2018-05-31	0.90 J	< 0.22 U	< 0.24 U	0.82 J	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531-X	34.0	FD	N	JC67069	2018-05-31	0.84 J	< 0.22 U	< 0.24 U	0.82 J	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-28.0-20171213	28.0	N	N	JC57276	2017-12-13	6.3	221	< 0.24 U	< 0.50 U	34.6	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-33.0-20171213	33.0	N	N	JC57276	2017-12-13	7.5	286	< 0.24 U	< 0.50 U	41.2	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-42.0-20171212	42.0	N	N	JC57169	2017-12-12	< 2.5 U	283	< 2.4 U	**< 5.0 U**	35.3	< 4.0 U	< 2.2 U
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-47.0-20171212	47.0	N	N	JC57169	2017-12-12	< 6.3 U	388	< 6.1 U	**< 13 U**	43.5	< 10 U	< 5.4 U
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-28.0-20180419	28.0	N	N	JC64571	2018-04-19	< 0.25 U	11.5	< 0.24 U	< 0.50 U	3.4	< 0.40 U	< 0.22 U
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-33.0-20180419	33.0	N	N	JC64571	2018-04-19	< 1.3 U	95.3	< 1.2 U	**< 2.5 U**	22.0	< 2.0 U	< 1.1 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-38.0-20180423	38.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-42.0-20180423	42.0	N	N	JC64763	2018-04-23	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	135-MW2B	135-MW2B-20180425	30.5	N	N	JC64901	2018-04-25	2.9	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-37.0-20180531	37.0	N	N	JC67069	2018-05-31	2.3	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-42.0-20180531	42.0	N	N	JC67069	2018-05-31	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
INTERMEDIATE	MW7D	MW7D-41.0-20180423	41.0	N	N	JC64763	2018-04-23	8.0	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	1.9	< 0.22 U
INTERMEDIATE	MW7D	MW7D-45.0-20180423	45.0	N	N	JC64763	2018-04-23	8.4	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	2.3	< 0.22 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425	41.0	N	N	JC64901	2018-04-25	< 0.25 U	26.7 J	< 0.24 U	< 0.50 U	4.2 J	< 0.40 U	< 0.22 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425X	41.0	FD	N	JC64901	2018-04-25	< 0.25 U	37.2 J	< 0.24 U	< 0.50 U	6.3 J	< 0.40 U	< 0.22 U
INTERMEDIATE	MW8D	MW8D-45.0-20180425	45.0	N	N	JC64901	2018-04-25	< 0.25 U	0.64 J	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
DEEP	114-MW19C	114-MW19C-99.0-20180427	99.0	N	N	JC65066	2018-04-27	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
DEEP	114-MW20C	114-MW20C-20180419	80.5	N	N	JC64571	2018-04-19	< 0.25 U	0.52 J	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
DEEP	114-MW25C	114-MW25C-20180313	44.5	N	N	JC62228	2018-03-13	< 2.5 U	159 J-	80.9	**41.5**	153	5.8 J	< 2.2 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	35.0	N	N	JC57943A	2017-12-22	3.7	0.49 J	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	40.0	N	N	JC57943A	2017-12-22	3.4	0.52 J	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	45.0	N	N	JC57820	2017-12-21	3.3	0.53 J	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	50.0	N	N	JC57820	2017-12-21	3.3	0.57 J	< 0.24 U	< 0.50 U	0.26 J	< 0.40 U	< 0.22 U
DEEP	MW8F	MW8F-20180425	80.5	N	N	JC64901	2018-04-25	< 0.25 U	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U
DEEP	MW-CR-3D	MW-CR-3D-20180418	43.5	N	N	JC64444	2018-04-18	0.82 J	< 0.22 U	< 0.24 U	< 0.50 U	< 0.25 U	< 0.40 U	< 0.22 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	TRIBROMOMETHANE	TRICHLOROETHYLENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	XYLENES
							CAS RN	75-25-2	79-01-6	75-69-4	75-01-4	1330-20-7
							GWQS	4	1	2000	1	1000
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**					
Monitoring Wells												
SHALLOW	114-MW20A *	114-MW20A-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	63.0
SHALLOW	114-MW20A *	114-MW20A-8.0-20180420	8.0	N	N	JC64643	2018-04-20	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	93.7
SHALLOW	114-MW24AR	114-MW24AR-20180502	11.5	N	N	JC65325	2018-05-02	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-MW25A	114-MW25A-20170926	11.5	N	N	JC51824	2017-09-26	< 0.42 U	**2.6**	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	12.5	N	N	JC57565	2017-12-18	**< 4.2 U**	**< 2.7 U**	< 6.0 U	**< 6.2 U**	< 2.2 U
SHALLOW	114-MW27A	114-MW27A-20170926	13.5	N	N	JC51824	2017-09-26	< 0.42 U	**2.4**	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	11.5	N	N	JC57565	2017-12-18	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	21.0	N	N	JC56729A	2017-12-06	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	11.5	N	N	JC56859A	2017-12-07	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-MW36A	114-MW36A-20170927	10.0	N	N	JC51890	2017-09-27	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-MW36A	114-MW36A-20170927-X	10.0	FD	N	JC51890	2017-09-27	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-MW37A	114-MW37A-20170926	12.5	N	N	JC51824	2017-09-26	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	22.5	N	N	JC56504A	2017-12-04	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-MW41A	114-MW41A-20180420	12.5	N	N	JC64643	2018-04-20	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	5.8
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-11.0-20180430	11.0	N	N	JC65178	2018-04-30	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	0.98 J
SHALLOW	114-P2A-MW102S	114-P2A-MW102S-16.0-20180430	16.0	N	N	JC65178	2018-04-30	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	1.1
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-P2A-MW103S	114-P2A-MW103S-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-11.0-20180420	11.0	N	N	JC64643	2018-04-20	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	723
SHALLOW	114-P2A-MW104S	114-P2A-MW104S-17.0-20180420	17.0	N	N	JC64643	2018-04-20	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	802
SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20170925	9.5	N	N	JC51736	2017-09-25	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-14.0-20171213	14.0	N	N	JC57276	2017-12-13	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-9.0-20171213	9.0	N	N	JC57276	2017-12-13	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-16.0-20171212	16.0	N	N	JC57169	2017-12-12	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	9.2
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-13.0-20180419	13.0	N	N	JC64571	2018-04-19	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	6.7
SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-8.0-20180419	8.0	N	N	JC64571	2018-04-19	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	2.7
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-13.0-20180426	13.0	N	N	JC64986	2018-04-26	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	132-P3A-MW104S	132-P3A-MW104S-9.0-20180426	9.0	N	N	JC64986	2018-04-26	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-10.0-20180531	10.0	N	N	JC67069	2018-05-31	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	132-P3A-MW5	132-P3A-MW5-15.0-20180531	15.0	N	N	JC67069	2018-05-31	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	133-P3C-MW101S	133-P3C-MW101S-8.0-20180423	8.0	N	N	JC64763	2018-04-23	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	135-MW2A	135-MW2A-10.0-20180423	10.0	N	N	JC64763	2018-04-23	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	135-MW2A	135-MW2A-14.0-20180423	14.0	N	N	JC64763	2018-04-23	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	135-MW2A	135-MW2A-6.0-20180423	6.0	N	N	JC64763	2018-04-23	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	12.0	N	N	JC64763	2018-04-23	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-13.0-20180424	13.0	N	N	JC64822	2018-04-24	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	137-P3B-MW101S	137-P3B-MW101S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	137-P3B-MW102S	137-P3B-MW102S-9.0-20180424	9.0	N	N	JC64822	2018-04-24	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-10.0-20180501	10.0	N	N	JC65255	2018-05-01	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-15.0-20180501	15.0	N	N	JC65255	2018-05-01	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	MW7S	MW7S-10.0-20180430	10.0	N	N	JC65178	2018-04-30	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	MW8S	MW8S-20180427	9.5	N	N	JC65066	2018-04-27	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
SHALLOW	MW-CR-3	MW-CR-3-11.0-20180418	11.0	N	N	JC64444	2018-04-18	< 0.42 U	0.38 J	< 0.60 U	< 0.62 U	2.8
SHALLOW	MW-CR-3	MW-CR-3-16.0-20180418	16.0	N	N	JC64444	2018-04-18	< 0.42 U	0.42 J	< 0.60 U	< 0.62 U	2.8
SHALLOW	MW-CR-3	MW-CR-3-21.0-20180418	21.0	N	N	JC64444	2018-04-18	< 0.42 U	0.54 J	< 0.60 U	< 0.62 U	3.1
INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-2017220	39.5	N	N	JC57752	2017-12-20	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-MW17B	114-MW17B-20180418	27.5	N	N	JC64444	2018-04-18	< 0.42 U	0.75 J	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-MW19B	114-MW19B20180501	47.5	N	N	JC65255	2018-05-01	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-MW20B	114-MW20B-20180419	37.5	N	N	JC64571	2018-04-19	**< 8.5 U**	**< 5.3 U**	< 12 U	**< 12 U**	**2750**
INTERMEDIATE	114-MW24B	114-MW24B-20180312	33.0	N	N	JC62130	2018-03-12	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313	35.5	N	N	JC62228	2018-03-13	< 0.42 U	**19.5**	< 0.60 U	**2.2**	< 0.22 U
INTERMEDIATE	114-MW26B	114-MW26B-20180313X	35.5	FD	N	JC62228	2018-03-13	< 0.42 U	**20.0**	< 0.60 U	**2.2**	< 0.22 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	35.5	N	N	JC56729A	2017-12-06	< 0.42 U	0.57 J	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	35.5	FD	N	JC56729A	2017-12-06	< 0.42 U	0.62 J	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-MW36B	114-MW36B-20170927	32.5	N	N	JC51890	2017-09-27	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212	42.5	N	N	JC60652	2018-02-12	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-MW39B	114-MW39B-20180212X	42.5	FD	N	JC60652	2018-02-12	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-MW40B	114-MW40B-20180427	40.5	N	N	JC65066	2018-04-27	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-MW41B	114-MW41B-20180420	24.5	N	N	JC64643	2018-04-20	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-27.0-20171221	27.0	N	N	JC57820	2017-12-21	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-32.0-20171221	32.0	N	N	JC57820	2017-12-21	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	TRIBROMOMETHANE	TRICHLOROETHYLENE	TRICHLOROFLUOROMETHANE	VINYL CHLORIDE	XYLENES
							CAS RN	75-25-2	79-01-6	75-69-4	75-01-4	1330-20-7
							GWQS	4	1	2000	1	1000
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Water-Bearing Zone	**Location ID**	**Sample ID**	**Sample Depth (ft bTOIC)**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**					
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-26.5-20171219	26.5	N	N	JC57638	2017-12-19	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-31.0-20171215	31.0	N	N	JC57501A	2017-12-15	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-26.5-20180112	26.5	N	N	JC58745	2018-01-12	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1B-MW102I	114-PIB-MW102I-31.5-20180112	31.5	N	N	JC58745	2018-01-12	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20180111	34.6	N	N	JC58670	2018-01-11	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	22.5	N	N	JC58073A	2017-12-27	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	0.54 J
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	27.5	N	N	JC58073A	2017-12-27	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	32.5	N	N	JC58028A	2017-12-26	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	0.83 J
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	37.5	N	N	JC58028A	2017-12-26	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	1.0
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	22.5	N	N	JC58942	2018-01-16	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	27.5	N	N	JC58942	2018-01-16	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	32.5	N	N	JC58942	2018-01-16	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	37.5	N	N	JC58942	2018-01-16	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-33.0-20180531	33.0	N	N	JC67069	2018-05-31	< 0.85 U	< 0.53 U	< 1.2 U	**< 1.2 U**	501
INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-38.0-20180531	38.0	N	N	JC67069	2018-05-31	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	599
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-30.0-20180430	30.0	N	N	JC65178	2018-04-30	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	9.2
INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-35.0-20180430	35.0	N	N	JC65178	2018-04-30	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	15.2
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-34.5-20180418	34.5	N	N	JC64444	2018-04-18	< 0.42 U	**3.4**	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-39.5-20180418	39.5	N	N	JC64444	2018-04-18	< 0.42 U	**3.3**	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-33.0-20180420	33.0	N	N	JC64643	2018-04-20	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	4.9
INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-37.0-20180420	37.0	N	N	JC64643	2018-04-20	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	4.5
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-32.5-20180111	32.5	N	N	JC58670	2018-01-11	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-37.5-20180111	37.5	N	N	JC58670	2018-01-11	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-29.0-20180531	29.0	N	N	JC67069	2018-05-31	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531	34.0	N	N	JC67069	2018-05-31	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-34.0-20180531-X	34.0	FD	N	JC67069	2018-05-31	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-28.0-20171213	28.0	N	N	JC57276	2017-12-13	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	315
INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-33.0-20171213	33.0	N	N	JC57276	2017-12-13	< 0.42 U	0.28 J	< 0.60 U	< 0.62 U	443
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-42.0-20171212	42.0	N	N	JC57169	2017-12-12	**< 4.2 U**	**< 2.7 U**	< 6.0 U	**< 6.2 U**	627
INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-47.0-20171212	47.0	N	N	JC57169	2017-12-12	**< 11 U**	**< 6.7 U**	< 15 U	**< 16 U**	812
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-28.0-20180419	28.0	N	N	JC64571	2018-04-19	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	18.2
INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-33.0-20180419	33.0	N	N	JC64571	2018-04-19	< 2.1 U	**< 1.3 U**	< 3.0 U	**< 3.1 U**	172
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-38.0-20180423	38.0	N	N	JC64763	2018-04-23	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-42.0-20180423	42.0	N	N	JC64763	2018-04-23	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	135-MW2B	135-MW2B-20180425	30.5	N	N	JC64901	2018-04-25	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-37.0-20180531	37.0	N	N	JC67069	2018-05-31	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-42.0-20180531	42.0	N	N	JC67069	2018-05-31	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	MW7D	MW7D-41.0-20180423	41.0	N	N	JC64763	2018-04-23	< 0.42 U	**2.4**	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	MW7D	MW7D-45.0-20180423	45.0	N	N	JC64763	2018-04-23	< 0.42 U	**2.5**	< 0.60 U	< 0.62 U	< 0.22 U
INTERMEDIATE	MW8D	MW8D-41.0-20180425	41.0	N	N	JC64901	2018-04-25	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	82.6 J
INTERMEDIATE	MW8D	MW8D-41.0-20180425X	41.0	FD	N	JC64901	2018-04-25	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	116 J
INTERMEDIATE	MW8D	MW8D-45.0-20180425	45.0	N	N	JC64901	2018-04-25	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	2.0
DEEP	114-MW19C	114-MW19C-99.0-20180427	99.0	N	N	JC65066	2018-04-27	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
DEEP	114-MW20C	114-MW20C-20180419	80.5	N	N	JC64571	2018-04-19	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	0.52 J
DEEP	114-MW25C	114-MW25C-20180313	44.5	N	N	JC62228	2018-03-13	**< 4.2 U**	**21.7**	< 6.0 U	**< 6.2 U**	385
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	35.0	N	N	JC57943A	2017-12-22	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	0.49 J
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	40.0	N	N	JC57943A	2017-12-22	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	0.52 J
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	45.0	N	N	JC57820	2017-12-21	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	0.53 J
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	50.0	N	N	JC57820	2017-12-21	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	0.57 J
DEEP	MW8F	MW8F-20180425	80.5	N	N	JC64901	2018-04-25	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U
DEEP	MW-CR-3D	MW-CR-3D-20180418	43.5	N	N	JC64444	2018-04-18	< 0.42 U	< 0.27 U	< 0.60 U	< 0.62 U	< 0.22 U

Table 5-3
Groundwater Analytical Results - VOCs
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

NOTES:

1. The reporting convention for non-detects in environmental analytical chemistry is that non-detects be reported as less than the RL. Outputs from the database default to reporting non-detects as less than the MDL.

2. Results may be reporting as less than the MDL or RL, but above the associated regulatory standard when dilution is required due to the presence of a significant quantity of a target or non-target analyte, or an interference from a target or non-target analyte. The presence of other substances, or combinations of other substances in a sample can impact whether an analytical method can be used to achieve the lowest possible RL.

3. **Bold** - Indicates an exceedance of the NJDEP's GWQS.

4. A "-" indicates that the sample was not tested for the analyte.

5. * - This well was sampled prior to soil remediation in this area, and was subsequently decommissioned.

ABBREVIATIONS:

bTOIC - below top of inner casing
CAS RN - Chemical Abstracts Service Registry Number
Fraction:
    N - total/unfiltered
ft - feet
GWQS - Groundwater Quality Standard
MDL - method detection limit
N/A - not applicable
NJDEP - New Jersey Department of Environmental Protection
RL - reporting limit
Sample Types:
    N - normal environmental sample
    FD - field duplicate sample
SDG - sample delivery group
ug/L - micrograms per liter
VOC - volatile organic compound

QUALIFIERS:

J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample. J+ or J - is used when the direction of bias can be determined.

U - Indicates the analyte was not detected in the sample above the sample RL.
UJ - Indicates the analyte was not detected above the RL and the RL was approximate.