Appendix L.2

Historical Groundwater Analytical Data – Non-CCPW Metals

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Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
							CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
							GWQS	200	3	6000	1	4
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160622	N	T	JC22758	6/22/2016	70.8 J	**< 22 U**	28.7 J	< 0.25 U	0.80 J
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160314X	FD	T	JC16175	3/14/2016	< 21 U	**< 11 U**	19.5 J	0.90 J	2.1 J
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160314	N	T	JC16175	3/14/2016	127 J	**< 11 U**	18.1 J	0.70 J	0.60 J
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20151209	N	T	JC10220A	12/9/2015	**223**	**< 20 U**	32.5 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20150921	N	T	JC4371A	9/21/2015	**259**	**< 20 U**	40.9 J	**< 1.1 U**	0.40 J
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20160624	N	T	JC22939	6/24/2016	81.6 J	**48.2 J**	101 J	< 0.25 U	< 2.0 U
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20160314	N	T	JC16175	3/14/2016	**202**	**< 54 U**	76.3 J	1.0	< 0.40 U
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20151210	N	T	JC10380	12/10/2015	< 33 U	**< 49 U**	155 J	< 0.35 U	2.9 JB
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20150921	N	T	JC4371A	9/21/2015	**269 J**	**30.4**	161 J	**< 1.8 U**	< 1.4 U
WELL	SHALLOW	114-MW15A	114-MW15A-20180417	N	D	JC64376	4/17/2018	< 33 U	< 2.7 U	40.1 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW15A	114-MW15A-20180417	N	T	JC64376	4/17/2018	**1420**	< 2.7 U	47.8 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW16A	114-MW16A-20151214-10.65	N	T	JC10597	12/14/2015	**286**	< 2.0 U	107 J	< 0.35 U	< 0.28 U
WELL	SHALLOW	114-MW20A	114-MW20A-8.0-20180420	N	T	JC64643	4/20/2018	**216 JB**	**10.6**	63.7 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW20A	114-MW20A-11.0-20180420	N	T	JC64643	4/20/2018	153 JB	**11.6**	58.9 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW20A	114-MW20A-12.5-20151001	N	T	JC5237A	10/1/2015	**270 J**	**66.5**	104 J	< 0.35 U	< 0.28 U
WELL	SHALLOW	114-MW20A	114-MW20A-10.5-20151001	N	T	JC5237A	10/1/2015	**240 J**	**55.4**	121 J	< 0.35 U	0.40 J
WELL	SHALLOW	114-MW22A	114-MW22A-11.0-20180419	N	T	JC64571	4/19/2018	< 33 U	**44.3**	303	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW22A	114-MW22A-16.0-20180419	N	T	JC64571	4/19/2018	< 33 U	**44.0**	293	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW24AR	114-MW24AR-20180502	N	T	JC65325	5/2/2018	**237 JB**	**< 14 U**	57.5 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW25A	114-MW25A-20170926	N	T	JC51824	9/26/2017	66.7 J	< 2.7 U	130 J	< 0.40 U	0.70 J
WELL	SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	N	T	JC57565	12/18/2017	< 33 U	**23.9**	150 J	< 0.40 U	1.3 J
WELL	SHALLOW	114-MW27A	114-MW27A-20170926	N	T	JC51824	9/26/2017	73.2 J	2.7 J	121 J	< 0.40 U	2.7 J
WELL	SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	N	T	JC57565	12/18/2017	< 33 U	< 2.7 U	114 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	N	T	JC56729A	12/6/2017	135 J	**4.7**	140 J	< 0.40 U	1.1 J
WELL	SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	N	T	JC56859A	12/7/2017	< 33 U	**20.5**	51.1 J	< 0.40 U	1.4 J+
WELL	SHALLOW	114-MW36A	114-MW36A-20170927-X	FD	T	JC51890	9/27/2017	**3770**	**3.4**	74.2 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW36A	114-MW36A-20170927	N	T	JC51890	9/27/2017	**3770**	3.0	76.2 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW37A	114-MW37A-20170928	N	T	JC52029	9/28/2017	**491**	**6.7**	73.5 J	< 0.40 U	0.70 J
WELL	SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	N	T	JC56504A	12/4/2017	**9560**	**22.4**	153 J	< 0.80 U	< 1.4 U
WELL	SHALLOW	114-MW41A	114-MW41A-20180420	N	T	JC64643	4/20/2018	**210 JB**	**< 27 U**	51.0 J	**< 2.0 U**	< 3.5 U
WELL	SHALLOW	114-MW42A	114-MW42A-20180417	N	T	JC64376	4/17/2018	**900**	< 2.7 U	183 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-MW43A	114-MW43A-20180417	N	T	JC64376	4/17/2018	**758**	< 2.7 U	346	< 0.40 U	< 0.70 U
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160916	N	T	JC27812	9/16/2016	**802**	**7.2**	36.2 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160617	N	T	JC22504	6/17/2016	**635**	**< 4.3 U**	35.7 J	< 0.25 U	0.80 J
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160317	N	T	JC16446	3/17/2016	**1250**	**< 11 U**	31.1 J	< 0.25 U	0.60 J
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20151209	N	T	JC10220A	12/9/2015	< 33 U	< 2.0 U	102 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20150921	N	T	JC4371A	9/21/2015	**1390**	**7.0 JB**	43.5 J	< 0.35 U	< 0.28 U
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20160621	N	T	JC22642	6/21/2016	**618 J**	**6.6**	33.6 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20160314	N	T	JC16175	3/14/2016	**360**	2.8 J	24.0 J	1.0	1.7 J
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20151209	N	T	JC10220A	12/9/2015	167 J	**13.5**	25.4 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20150922	N	T	JC4452A	9/22/2015	**223**	**10.1**	20.5 J	< 0.35 U	< 0.28 UJB
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20160916	N	T	JC27812	9/16/2016	**675**	**14.0**	149 J	< 0.50 U	< 0.80 U
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20160314	N	T	JC16175	3/14/2016	**404**	**< 11 U**	106 J	0.80 J	1.6 J
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20151210	N	T	JC10380	12/10/2015	**549**	**16.1**	207	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20150922	N	T	JC4452A	9/22/2015	**374**	**5.8**	151 J	< 0.35 U	< 0.28 UJB
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20160622	N	T	JC22758	6/22/2016	128 J	**27.5**	30.0 J	< 0.25 U	0.40 J
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20160318	N	T	JC16549	3/18/2016	37.7 J	**< 11 U**	30.3 J	< 0.25 U	0.80 J
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20151210	N	T	JC10380	12/10/2015	< 33 U	**< 20 U**	50.3 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20150922	N	T	JC4452A	9/22/2015	183 J	< 2.0 U	43.9 J	< 0.35 U	< 0.28 UJB

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						CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
						GWQS	200	3	6000	1	4
						Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20160621	N	T	JC22642	6/21/2016	**646 J**	**5.0**	27.1 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20160322	N	T	JC16738	3/22/2016	**669**	**6.0**	27.8 J	0.70 J	0.60 J
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20151211	N	T	JC10525	12/11/2015	**704**	**8.5**	34.5 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20150922	N	T	JC4452A	9/22/2015	**639**	**8.5**	31.6 J	< 0.35 U	< 0.28 UJB
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20160620	N	T	JC22555	6/20/2016	**368**	**< 22 U**	48.7 J	< 0.25 U	0.70 J
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20160316	N	T	JC16336	3/16/2016	**554 J**	**< 11 U**	39.2 J	**< 1.3 U**	< 2.0 U
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20151211	N	T	JC10525	12/11/2015	198 J	**< 20 U**	36.5 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20150923X	FD	T	JC4555A	9/23/2015	**241 JB**	**< 20 U**	54.1 J	0.60 J	< 0.28 U
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20150923	N	T	JC4555A	9/23/2015	**354 JB**	**< 20 U**	56.2 J	0.70 J	< 0.28 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20161212X	FD	T	JC33522	12/12/2016	**566 J**	< 2.2 U	30.8 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20161212	N	T	JC33522	12/12/2016	**902 J**	< 2.2 U	35.0 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160914X	FD	T	JC27595	9/14/2016	**1330**	**4.1**	44.1 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160914	N	T	JC27595	9/14/2016	**1220**	**4.4**	43.3 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160628	N	T	JC23103	6/28/2016	**497**	**35.0**	185 J	0.40 J	< 0.40 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160324	N	T	JC16953	3/24/2016	**1920**	**< 11 U**	48.9 J	**< 1.3 U**	< 2.0 U
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20161212	N	T	JC33522	12/12/2016	**2970**	**19.2**	45.7 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160914	N	T	JC27595	9/14/2016	**1750**	**16.2**	40.7 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160628	N	T	JC23103	6/28/2016	**7150**	**11.9**	95.3 J	0.30 J	0.60 J
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160324	N	T	JC16953	3/24/2016	**1170**	**< 11 U**	48.4 J	**2.1 J**	< 2.0 U
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20161213	N	T	JC33573	12/13/2016	**2470**	**< 11 U**	49.0 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160915	N	T	JC27716	9/15/2016	**6330**	**< 22 U**	86.0 J	< 0.50 U	< 0.80 U
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160627	N	T	JC23029	6/27/2016	**7410**	**< 22 U**	82.0 J	< 0.25 U	0.40 J
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160325	N	T	JC17059	3/25/2016	**7600 J**	**< 11 U**	66.1 J	**2.7 J**	< 2.0 U
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20161214	N	T	JC33691	12/14/2016	**1410**	**26.4**	35.1 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160915	N	T	JC27716	9/15/2016	**281**	**29.4**	22.2 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160629	N	T	JC23208	6/29/2016	**5640 J**	**27.2**	66.7 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160325	N	T	JC17059	3/25/2016	**2360 J**	**15.3**	38.8 J	**< 1.3 U**	< 2.0 U
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20160620	N	T	JC22555	6/20/2016	57.0 J	**< 22 U**	24.6 J	< 0.25 U	0.80 J
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20160315	N	T	JC16239	3/15/2016	< 21 U	**< 22 U**	14.5 J	< 0.25 U	1.0 J
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20151210X	FD	T	JC10380	12/10/2015	< 33 U	**< 20 U**	18.6 JB	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20151210	N	T	JC10380	12/10/2015	< 33 U	**20.3 J**	19.8 JB	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20150922	N	T	JC4452A	9/22/2015	194 J	**< 20 U**	23.8 J	0.40 J	< 0.28 UJB
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20160623	N	T	JC22854	6/23/2016	**911**	**11.6 J**	34.0 J	< 0.25 U	0.50 J
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20160316	N	T	JC16336	3/16/2016	< 100 U	**< 43 U**	24.6 J	**< 1.3 U**	3.4 J
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20151211	N	T	JC10525	12/11/2015	**300**	**< 49 U**	34.6 J	< 0.35 U	1.3 JB
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20150923	N	T	JC4555A	9/23/2015	**723**	**< 9.9 U**	42.5 J	**1.4**	< 0.28 U
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20160623	N	T	JC22854	6/23/2016	**1340**	**< 54 U**	40.7 J	< 0.25 U	0.70 J
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20160316	N	T	JC16336	3/16/2016	< 100 U	**< 11 U**	21.3 J	**< 1.3 U**	< 2.0 U
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20151211	N	T	JC10525	12/11/2015	< 33 U	**< 49 U**	33.3 J	< 0.35 U	1.5 JB
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20150923	N	T	JC4555A	9/23/2015	< 33 UB	**< 9.9 U**	32.2 JB	**1.3**	1.0 J
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20160620	N	T	JC22555	6/20/2016	82.6 J	**< 22 U**	27.5 J	< 0.25 U	1.1 J
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20160315	N	T	JC16239	3/15/2016	< 21 U	**< 22 U**	19.8 J	< 0.25 U	1.1 J
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20151209	N	T	JC10220A	12/9/2015	**385**	**21.2 J**	47.4 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20150921	N	T	JC4371A	9/21/2015	**467**	**< 20 U**	60.5 J	< 0.70 U	< 0.28 U
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20160622	N	T	JC22758	6/22/2016	**230**	**33.7**	42.8 J	< 0.25 U	0.90 J
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20160315	N	T	JC16239	3/15/2016	**291**	**12.4 J**	22.0 J	< 0.25 U	1.1 J
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20151210	N	T	JC10380	12/10/2015	**1010**	**< 20 U**	54.1 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20150925	N	T	JC4798A	9/25/2015	**742 JB**	**< 9.9 U**	37.9 J	**1.8**	< 0.28 U
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20160621	N	T	JC22642	6/21/2016	**422 J**	**< 22 U**	46.3 J	< 0.25 U	< 0.40 U

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						Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20160316	N	T	JC16336	3/16/2016	< 100 U	**< 43 U**	47.6 J	**2.8 J**	**5.0 J**
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20151210	N	T	JC10380	12/10/2015	< 33 U	**< 49 U**	67.9 J	< 0.35 UB	2.4 JB
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20150928	N	T	JC4872A	9/28/2015	**684 J**	**< 99 U**	87.5 J	**< 18 U**	< 0.28 U
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20160621	N	T	JC22642	6/21/2016	**243 J**	**< 54 U**	73.4 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20160322	N	T	JC16738	3/22/2016	136 J	**< 43 U**	49.1 J	**2.0**	< 0.40 U
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20151211	N	T	JC10525	12/11/2015	75.7 J	**< 49 U**	96.9 J	< 0.35 U	< 1.4 U
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20150925	N	T	JC4798A	9/25/2015	**4570**	**< 9.9 U**	128 J	**3.1**	< 1.4 U
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20160622	N	T	JC22758	6/22/2016	**578**	**31.0**	40.4 J	< 0.25 U	1.4 J
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20160316	N	T	JC16336	3/16/2016	**363 J**	**< 43 U**	33.8 J	**3.0 J**	3.6 J
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20151210	N	T	JC10380	12/10/2015	**601**	**< 49 U**	57.3 J	< 0.35 UB	< 1.4 U
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20150928	N	T	JC4872A	9/28/2015	**521 J**	**< 9.9 U**	53.0 J	**4.2 J**	< 1.4 U
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20160617	N	T	JC22504	6/17/2016	**2280**	**< 4.3 U**	81.5 J	< 0.25 U	2.4 J
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20160317	N	T	JC16446	3/17/2016	**2330**	**< 11 U**	43.1 J	< 0.25 U	3.9
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20151215	N	T	JC10723	12/15/2015	**41400**	**22.4**	457	**2.3**	2.1 J
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20150929	N	T	JC4978A	9/29/2015	**134000**	**54.0**	921	**7.8**	**4.3**
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20160616	N	T	JC22356	6/16/2016	**475**	**< 22 U**	62.3 J	**< 2.5 UJ**	0.40 J
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20160318	N	T	JC16549	3/18/2016	**1160 J**	**< 11 U**	41.6 J	< 0.25 U	0.70 J
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20151215	N	T	JC10723	12/15/2015	**3430**	**< 9.9 U**	49.1 J	0.60 J	< 0.28 U
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20150930	N	T	JC5099A	9/30/2015	**1720**	**< 20 U**	99.1 J	**6.6**	< 0.28 U
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20160616	N	T	JC22356	6/16/2016	**217**	< 2.2 U	23.9 J	< 0.25 UJ	< 0.40 U
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20160318	N	T	JC16549	3/18/2016	**338 J**	< 2.2 U	41.4 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20151215	N	T	JC10723	12/15/2015	**450**	**< 5.9 U**	49.2 J	0.50 J	0.40 J
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20150929X	FD	T	JC4978A	9/29/2015	**337 J**	**8.4**	123 J	< 0.35 U	< 0.28 U
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20150929	N	T	JC4978A	9/29/2015	**259 J**	**8.0**	129 J	< 0.35 U	< 0.28 U
WELL	SHALLOW	132-P3A-MW3	132-P3A-MW3-15.0-20180424	N	T	JC64822	4/24/2018	-	-	-	-	-
WELL	SHALLOW	132-P3A-MW3	132-P3A-MW3-11.0-20180424	N	T	JC64822	4/24/2018	-	-	-	-	-
WELL	SHALLOW	132-P3A-MW4	132-P3A-MW4-13.0-20180424	N	T	JC64822	4/24/2018	-	-	-	-	-
WELL	SHALLOW	132-P3A-MW4	132-P3A-MW4-17.0-20180424X	FD	T	JC64822	4/24/2018	-	-	-	-	-
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20161216	N	T	JC33887	12/16/2016	26.9 J	**< 22 U**	40.5 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160913X	FD	T	JC27486	9/13/2016	31.7 J	**< 4.3 U**	46.2 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160913	N	T	JC27486	9/13/2016	26.6 J	**< 4.3 U**	47.0 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160616	N	T	JC22356	6/16/2016	**606**	**< 11 U**	46.2 J	< 0.25 UJ	< 0.40 U
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160324	N	T	JC16937	3/24/2016	**308 J**	**< 11 U**	31.6 J	**< 1.3 U**	< 2.0 U
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20161216X	FD	T	JC33887	12/16/2016	59.0 J	< 2.2 U	43.3 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20161216	N	T	JC33887	12/16/2016	71.5 J	< 2.2 U	44.6 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160913	N	T	JC27486	9/13/2016	**1030**	**4.8**	72.3 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160615	N	T	JC22273	6/15/2016	**353 J**	**< 6.5 U**	65.4 J	0.50 J	< 0.40 U
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160324	N	T	JC16937	3/24/2016	**588 J**	**< 11 U**	75.6 J	**1.6 J**	< 2.0 U
WELL	SHALLOW	135-MW2A	135-MW2A-6.0-20180423	N	T	JC64763	4/23/2018	< 33 U	-	87.4 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	135-MW2A	135-MW2A-10.0-20180423	N	T	JC64763	4/23/2018	< 33 U	-	77.2 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	135-MW2A	135-MW2A-14.0-20180423	N	T	JC64763	4/23/2018	160 JB	-	65.7 J	< 0.40 U	< 0.70 U
WELL	SHALLOW	135-MW2A	135-MW2A-14.7	N	T	JC5499	10/6/2015	**1080**	**66.5**	333	< 0.35 U	< 0.28 U
WELL	SHALLOW	135-MW2A	135-MW2A-12.5	N	T	JC5499	10/6/2015	**463**	**28.5**	275	< 0.35 U	< 0.28 U
WELL	SHALLOW	135-MW2A	135-MW2A-8.5	N	T	JC5499	10/6/2015	**765**	**49.6**	289	< 0.35 U	0.30 J
WELL	SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	N	T	JC64763	4/23/2018	170 JB	-	225	< 0.40 U	< 0.70 U
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20160615	N	T	JC22273	6/15/2016	**473 J**	**< 43 U**	73.6 J	**2.2**	< 0.80 U
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20160321	N	T	JC16664	3/21/2016	< 21 U	**< 22 U**	92.5 J	0.30 J	1.7 J
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20151216	N	T	JC10831	12/16/2015	121 J	**< 39 U**	59.7 J	< 0.35 U	< 1.4 U
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20150930	N	T	JC5099A	9/30/2015	**594 J**	**< 9.9 U**	105 J	**4.6 J**	< 0.28 U

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
							CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
							GWQS	200	3	6000	1	4
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160615X	FD	T	JC22273	6/15/2016	28.3 J	**< 43 U**	40.0 J	**1.3**	< 0.40 U
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160615	N	T	JC22273	6/15/2016	**309 J**	**< 43 U**	48.3 J	**1.9**	< 0.40 U
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160321	N	T	JC16664	3/21/2016	< 21 U	**< 54 U**	47.6 J	0.50 J	< 2.0 U
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20151216	N	T	JC10831	12/16/2015	< 33 U	**< 39 U**	50.1 J	< 0.35 U	< 1.4 U
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20150930	N	T	JC5099A	9/30/2015	**570 J**	**< 20 U**	110 J	**5.5**	< 1.4 U
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160620	N	T	JC22555	6/20/2016	**392**	3.0	118 J	< 0.25 U	1.0 J
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160318X	FD	T	JC16549	3/18/2016	**1010 J**	< 2.2 U	61.7 J	< 0.25 U	0.40 J
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160318	N	T	JC16549	3/18/2016	199 J	< 2.2 U	59.1 J	< 0.25 U	0.50 J
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20151214	N	T	JC10593	12/14/2015	**339**	**11.0**	168 J	< 0.35 U	< 0.28 U
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20150928	N	T	JC4872A	9/28/2015	**255**	**6.3**	239	0.40 J	0.50 J
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-083016	N	T	JC26754	8/30/2016	165 J	**< 11 U**	98.0 J	0.30 J	0.40 J
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-060316	N	T	JC21504	6/3/2016	199 J	**8.8**	88.9 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-022516	N	T	JC14874	2/25/2016	**440**	**6.8 J**	85.0 J	< 0.35 U	0.70 J
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-111715	N	T	JC8703	11/17/2015	**370**	**6.0 J**	66.5 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-083016	N	T	JC26754	8/30/2016	**342**	**5.0 J**	45.8 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-060316	N	T	JC21504	6/3/2016	116 J	**7.8**	42.9 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-022516	N	T	JC14874	2/25/2016	**746**	**5.8**	< 0.80 U	< 0.35 U	0.60 J
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-111715	N	T	JC8703	11/17/2015	**269**	**4.4 J**	64.8 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-083016	N	T	JC26754	8/30/2016	101 J	**5.8 J**	43.8 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-060316	N	T	JC21504	6/3/2016	**335**	**8.7**	46.8 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-022516	N	T	JC14874	2/25/2016	79.3 J	**4.6 J**	< 0.80 U	< 0.35 U	0.40 J
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-111715	N	T	JC8703	11/17/2015	48.8 J	**6.5**	49.5 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-20171221	N	D	JC57864	12/21/2017	**701**	**< 9.0 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-20171221	N	T	JC57864	12/21/2017	**983**	**< 9.0 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-083016	N	T	JC26754	8/30/2016	**1070**	**15.7**	20.6 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-060316	N	T	JC21504	6/3/2016	**933**	**39.2**	25.0 J	< 0.50 U	< 0.80 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-022516	N	T	JC14874	2/25/2016	**996**	**30.0**	< 1.6 U	< 0.70 U	0.60 J
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-111715	N	T	JC8703	11/17/2015	**452**	**13.2 J**	23.2 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-20171221	N	D	JC57859	12/21/2017	**386**	**< 6.0 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-20171221	N	T	JC57859	12/21/2017	**380**	**< 6.0 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-DUP-20171221	FD	D	JC57859	12/21/2017	**391**	**< 6.0 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-DUP-20171221	FD	T	JC57859	12/21/2017	**366**	**< 6.0 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-083016	N	T	JC26754	8/30/2016	**922**	**< 11 U**	41.1 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-060316	N	T	JC21504	6/3/2016	**1010**	**10.4**	28.0 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-022516	N	T	JC14874	2/25/2016	**1120**	**3.4**	< 0.80 U	< 0.35 U	0.50 J
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-111715	N	T	JC8703	11/17/2015	**1140**	**12.5 J**	78.0 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-20171221	N	D	JC57864	12/21/2017	**788**	**< 9.0 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-20171221	N	T	JC57864	12/21/2017	**1280**	**9.8**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-083016	N	T	JC26754	8/30/2016	**1030**	**< 6.5 U**	88.9 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-060316	N	T	JC21504	6/3/2016	**883**	**11.2**	98.9 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-022516	N	T	JC14874	2/25/2016	**851**	**< 9.9 U**	104 J	< 0.35 U	0.70 J
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-111715	N	T	JC8703	11/17/2015	**1660**	**9.6**	71.7 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-20171221	N	D	JC57859	12/21/2017	**1460**	**10.2**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-20171221	N	T	JC57859	12/21/2017	**1580**	**9.9**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-083016	N	T	JC26754	8/30/2016	**1690**	**13.0**	21.1 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-060316	N	T	JC21504	6/3/2016	**1680**	**12.8**	20.2 J	< 0.25 U	< 0.40 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-022516	N	T	JC14874	2/25/2016	**1580**	**9.5**	< 0.80 U	< 0.35 U	1.0 J
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-111715	N	T	JC8703	11/17/2015	**2080**	**6.8**	21.0 J	< 0.35 U	< 0.28 UB
WELL	SHALLOW	GPS-MW5S	GPS-MW5S-20180130	N	D	JC59976	1/30/2018	**3580**	**21.2**	< 2000 U	**< 10 U**	**< 6.0 U**

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							Analyte	ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
							CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
							GWQS	200	3	6000	1	4
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	GPS-MW5S	GPS-MW5S-20180130	N	T	JC59976	1/30/2018	**6380**	**20.2**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	SHALLOW	GPS-MW7S	GPS-MW7S-20171221	N	D	JC57864	12/21/2017	**707**	**5.1**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	GPS-MW7S	GPS-MW7S-20171221	N	T	JC57864	12/21/2017	**2490**	**4.9**	< 200 U	< 1.0 U	< 3.0 U
WELL	SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-20161219	N	T	JC33993	12/19/2016	< 21 U	**< 22 U**	34.0 J	< 0.25 U	0.60 J
WELL	SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-20160617	N	T	JC22504	6/17/2016	**124000**	**< 22 U**	728	**6.4**	3.6 J
WELL	SHALLOW	HSS-P3C-MW2S	HSS-P3C-MW2S-20161215	N	T	JC33793	12/15/2016	**1130**	**< 22 U**	63.8 J	< 0.25 U	0.60 J
WELL	SHALLOW	HSS-P3C-MW2S	HSS-P3C-MW2S-20160616	N	T	JC22356	6/16/2016	**237**	**< 11 U**	76.5 J	< 0.25 UJ	< 0.40 U
WELL	SHALLOW	MW-34	MW34-20151214-15.5	N	T	JC10597	12/14/2015	**740**	< 2.0 U	99.4 J	< 0.35 U	< 0.28 U
WELL	SHALLOW	MW-34	MW34-20151214-10.5	N	T	JC10597	12/14/2015	**672**	< 2.0 U	91.8 J	< 0.35 U	0.40 J
WELL	SHALLOW	MW7S	MW7S-10.2-20150930	N	T	JC5098A	9/30/2015	< 33 UB	**32.4**	631	< 0.35 U	0.80 J
WELL	SHALLOW	MW7S	MW7S-7.2-20150930	N	T	JC5098A	9/30/2015	117 JB	**29.4**	589	< 0.35 U	0.90 J
WELL	SHALLOW	MW8S	MW8S-9.5-20151001	N	T	JC5237A	10/1/2015	**364 J**	**10.2**	123 J	< 0.35 U	0.30 J
WELL	SHALLOW	MW-Morris1A	114-MW-MORRIS1A-20160321	N	T	JC16664	3/21/2016	**390**	**< 11 U**	80.7 J	< 0.25 U	0.80 J
SOILBORE	N/A	114-P1C-PZ1-S1	114-P1C-PZ1-W1-31.0-33.0	N	T	JC29542	10/12/2016	**111000**	**73.0**	894 J	**10.0**	3.0 J
SOILBORE	N/A	114-P1C-PZ1-S1	114-P1C-PZ1-W1-24.0-26.0	N	T	JC29542	10/12/2016	**681000**	**286**	3570	**38.0**	**9.0 J**
SOILBORE	N/A	114-P1C-PZ1-S2	114-P1C-PZ1-W2-27.0-29.0	N	T	JC29754	10/14/2016	**87700**	**48.0**	1150	**8.0**	3.0 J
SOILBORE	N/A	114-P1C-PZ1-S2	114-P1C-PZ1-W2-24.0-26.0	N	T	JC29754	10/14/2016	**7520**	**10.3**	73.3 J	0.40 J	< 0.40 U
SOILBORE	N/A	114-P1C-PZ2-S1	114-P1C-PZ2-W1-25.0-27.0	N	T	JC29434	10/11/2016	**59800**	**137**	931 J	**7.5**	< 2.0 U
SOILBORE	N/A	114-P1C-PZ2-S1	114-P1C-PZ2-W1-16.5-17.5	N	T	JC29434	10/11/2016	**556000**	**623**	4750	**51.0**	**8.0 J**
SOILBORE	N/A	114-P1C-PZ2-S2	114-P1C-PZ2-W2-31.0-33.0	N	T	JC29606	10/13/2016	**110000**	**77.0**	1150 J	**10.0**	4.0 J
SOILBORE	N/A	114-P1C-PZ2-S2	114-P1C-PZ2-W2-25.0-27.0	N	T	JC29606	10/13/2016	**252000**	**200**	3380	**23.0**	< 4.0 U
WELL	INTERMEDIATE	10W-MW105I	10W-MW105I-20180312	N	T	JC62130	3/12/2018	**1400**	**< 5.5 U**	245	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20160623	N	T	JC22854	6/23/2016	45.6 J	**139**	86.9 J	< 0.25 U	0.40 J
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20160322	N	T	JC16738	3/22/2016	72.9 J	**158**	64.6 J	**1.4**	1.8 J
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20151214	N	T	JC10593	12/14/2015	140 J	**172**	74.8 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20150924	N	T	JC4675A	9/24/2015	**385**	**184**	104 J	< 0.35 U	3.6
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20180129	N	D	JC59916	1/29/2018	**< 1000 U**	**47.5**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20180129	N	T	JC59916	1/29/2018	**< 1000 U**	**66.0**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20160623	N	T	JC22854	6/23/2016	**458**	**18.8**	28.7 J	< 0.25 U	1.3 J
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20160321	N	T	JC16664	3/21/2016	200 J	**< 22 U**	17.6 J	< 0.25 U	0.60 J
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20151214	N	T	JC10593	12/14/2015	**1870**	**13.6 J**	36.4 J	< 0.35 U	1.6 J
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20150924	N	T	JC4675A	9/24/2015	**212**	**< 20 U**	22.7 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20180129	N	D	JC59916	1/29/2018	**< 2000 U**	**< 90 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20180129	N	T	JC59916	1/29/2018	**< 2000 U**	**< 90 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20160623	N	T	JC22854	6/23/2016	**631**	**< 86 U**	28.2 J	**< 2.5 U**	**5.3 J**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20160322	N	T	JC16738	3/22/2016	**245 J**	**< 43 U**	26.9 J	**4.3 J**	**< 8.0 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20151214	N	T	JC10593	12/14/2015	195 J	**< 49 U**	28.5 J	**2.6 J**	**8.8 J**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20150924	N	T	JC4675A	9/24/2015	**206**	**< 9.9 U**	34.7 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	114-MW20B	114-MW20B-20180419	N	T	JC64571	4/19/2018	**204 JB**	**< 270 U**	26.0 J	**< 2.0 U**	< 3.5 U
WELL	INTERMEDIATE	114-MW20B	114-MW20B-36.0-20151001	N	T	JC5237A	10/1/2015	**289 J**	**119**	21.8 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	114-MW22B	114-MW22B-20180419	N	D	JC64571	4/19/2018	< 33 U	< 2.7 U	141 J	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	114-MW22B	114-MW22B-20180419	N	T	JC64571	4/19/2018	**660**	< 2.7 U	167 J	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	114-MW24B	114-MW24B-20180312	N	T	JC62130	3/12/2018	**331**	< 2.7 U	90.2 J	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	114-MW25B	114-MW25B-20170928	N	T	JC52029	9/28/2017	54.5 J	**5.4**	51.5 J	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313X	FD	D	JC62228	3/13/2018	< 33 U	**4.5**	40.8 J	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313X	FD	T	JC62228	3/13/2018	**586 J**	**5.3**	46.8 J	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313	N	D	JC62228	3/13/2018	< 33 U	**4.6**	40.3 J	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313	N	T	JC62228	3/13/2018	**2520 J**	**5.5**	64.6 J	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	114-MW27B	114-MW27B-20170928	N	T	JC52029	9/28/2017	**2610**	**3.9**	91.4 J	< 0.40 U	< 0.70 U

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
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						Analyte	ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
						CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
						GWQS	200	3	6000	1	4
						Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	FD	T	JC56729A	12/6/2017	**415**	**< 14 U**	62.4 J	< 0.40 U	3.6
WELL	INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	N	T	JC56729A	12/6/2017	**489**	**< 14 U**	62.1 J	< 0.40 U	3.5
WELL	INTERMEDIATE	114-MW36B	114-MW36B-20170927	N	T	JC51890	9/27/2017	**12400**	**6.0**	139 J	1.0 J	< 1.4 U
WELL	Intermediate	114-MW37B	114-MW37B-20170926	N	T	JC51824	9/26/2017	78.7 J	**15.0**	48.0 J	< 0.40 U	< 0.70 U
WELL	Intermediate	114-MW38B	FORREST-114-MW38B-20171204	N	T	JC56504A	12/4/2017	**1720**	**15.4**	134 J	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	114-MW41B	114-MW41B-20180420	N	T	JC64643	4/20/2018	< 170 U	**< 140 U**	21.0 J	**< 2.0 U**	**6.5 J**
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20180129	N	D	JC59916	1/29/2018	**< 1000 U**	**< 15 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20180129	N	T	JC59916	1/29/2018	**< 1000 U**	**< 15 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160617X	FD	T	JC22504	6/17/2016	< 21 U	< 2.2 U	97.5 J	< 0.25 U	1.6 J
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160617	N	T	JC22504	6/17/2016	< 21 U	2.3 J	95.6 J	< 0.25 U	1.5 J
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160317	N	T	JC16446	3/17/2016	< 21 U	< 2.2 U	96.7 J	< 0.25 U	1.7 J
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20151211	N	T	JC10525	12/11/2015	< 33 U	< 2.0 U	96.7 J	< 0.35 U	1.5 JB
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20150921	N	T	JC4371A	9/21/2015	48.3 J	**< 3.9 U**	92.5 J	0.60 J	0.70 J
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-ARC	N	D	JC59556	1/23/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-ARC	N	T	JC59556	1/23/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20160621	N	T	JC22642	6/21/2016	46.0 J	**< 43 U**	60.4 J	< 0.50 U	< 0.80 U
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20160323	N	T	JC16843	3/23/2016	< 100 U	**< 54 UJ**	55.9 J	**< 1.3 U**	2.3 J
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20151216	N	T	JC10831	12/16/2015	**304**	**< 39 U**	59.6 J	< 0.35 U	1.8 J
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20150922	N	T	JC4452A	9/22/2015	117 J	**< 20 U**	52.4 J	< 0.35 U	**5.6 J**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-ARC	N	D	JC59556	1/23/2018	**715**	**10.4**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-ARC	N	T	JC59556	1/23/2018	**2350**	**12.0**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20160916	N	T	JC27812	9/16/2016	< 41 U	**< 220 U**	30.0 J	**< 2.5 U**	< 4.0 U
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20160323	N	T	JC16843	3/23/2016	**< 210 U**	**< 110 UJ**	38.2 J	**< 2.5 U**	**4.6 J**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20151216	N	T	JC10831	12/16/2015	< 33 U	**< 99 U**	36.5 J	< 0.35 U	**4.4 J**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20150924	N	T	JC4675A	9/24/2015	76.3 J	**< 99 U**	44.3 J	**< 8.8 U**	**< 7.0 U**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I	N	D	JC59556	1/23/2018	< 200 U	**< 15 U**	< 200 U	< 1.0 U	**5.0**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I	N	T	JC59556	1/23/2018	**638**	**< 15 U**	< 200 U	< 1.0 U	**4.2**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20160620	N	T	JC22555	6/20/2016	**606**	**< 22 U**	21.7 J	< 0.25 U	**6.5**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20160316	N	T	JC16336	3/16/2016	**324 J**	**17.3**	17.2 J	**< 1.3 U**	**4.9 J**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20151211	N	T	JC10525	12/11/2015	**605**	**34.6**	13.0 J	< 0.35 U	**4.3**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20150923	N	T	JC4555A	9/23/2015	**678**	**34.7**	21.8 JB	< 0.35 U	1.8 J
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-ARC	N	D	JC59745	1/25/2018	< 200 U	**< 15 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-ARC	N	T	JC59745	1/25/2018	< 200 U	**< 15 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160912	N	T	JC27433	9/12/2016	57.2 J	**< 4.3 U**	160 J	< 0.25 U	0.80 J
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160624	N	T	JC22933	6/24/2016	**230**	**7.2**	174 J	< 0.25 U	1.4 J
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160325	N	T	JC17054	3/25/2016	**415**	**7.1**	90.9 J	< 0.25 U	0.70 J
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20151211	N	T	JC10525	12/11/2015	< 33 U	2.0 J	85.7 J	< 0.35 U	< 0.28 UB
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20150923	N	T	JC4555A	9/23/2015	< 33 UB	< 2.0 U	81.1 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-ARC	N	D	JC59745	1/25/2018	< 200 U	**< 15 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-ARC	N	T	JC59745	1/25/2018	< 200 U	**< 15 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160912	N	T	JC27433	9/12/2016	169 J	**5.9**	81.4 J	< 0.25 U	0.40 J
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160624	N	T	JC22933	6/24/2016	**426**	**4.8**	89.8 J	< 0.25 U	0.90 J
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160325	N	T	JC17054	3/25/2016	< 21 U	< 2.2 U	140 J	0.60 J	1.0 J
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20151211	N	T	JC10525	12/11/2015	**539**	**9.5**	67.2 J	< 0.35 U	< 0.28 UB
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20150923	N	T	JC4555A	9/23/2015	< 33 UB	**8.2**	125 J	0.40 J	1.1 J
WELL	INTERMEDIATE	114-P1-IRM-1	114-P1-IRM-1-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-1	114-P1-IRM-1-20180116	N	T	JC58932	1/16/2018	**24000**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-10I	114-P1-IRM-10I	N	D	JC59745	1/25/2018	**< 400 U**	**< 120 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1-IRM-10I	114-P1-IRM-10I	N	T	JC59745	1/25/2018	**463**	**< 150 U**	< 400 U	**< 2.0 U**	**< 30 U**

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							Analyte	ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
							CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
							GWQS	200	3	6000	1	4
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-IRM-11	114-P1-IRM-11-20180118	N	D	JC59349	1/18/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-11	114-P1-IRM-11-20180118	N	T	JC59349	1/18/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-12	114-P1-IRM-12-20180118	N	D	JC59349	1/18/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-12	114-P1-IRM-12-20180118	N	T	JC59349	1/18/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-13	114-P1-IRM-13-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**< 380 U**	< 1000 U	**< 5.0 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-13	114-P1-IRM-13-20180116	N	T	JC58932	1/16/2018	**< 1000 U**	**< 380 U**	< 1000 U	**< 5.0 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-14	114-P1-IRM-14-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-14	114-P1-IRM-14-20180116	N	T	JC58932	1/16/2018	**16200**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-15	114-P1-IRM-15-20180122	N	D	JC59495	1/22/2018	**< 400 U**	**< 30 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1-IRM-15	114-P1-IRM-15-20180122	N	T	JC59495	1/22/2018	**< 400 U**	**< 30 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1-IRM-16	114-P1-IRM-16-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-16	114-P1-IRM-16-20180116	N	T	JC58932	1/16/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-17	114-P1-IRM-17-20180122	N	D	JC59495	1/22/2018	< 200 U	**16.5**	< 200 U	< 1.0 U	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-17	114-P1-IRM-17-20180122	N	T	JC59495	1/22/2018	**236**	**< 15 U**	< 200 U	< 1.0 U	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-18I	114-P1-IRM-18I-20180118	N	D	JC59349	1/18/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-18I	114-P1-IRM-18I-20180118	N	T	JC59349	1/18/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-19I	114-P1-IRM-19I-20180117	N	D	JC59023	1/17/2018	**< 1000 U**	**< 30 U**	< 1000 U	**< 5.0 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-19I	114-P1-IRM-19I-20180117	N	T	JC59023	1/17/2018	**< 1000 U**	**< 30 U**	< 1000 U	**< 5.0 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-2	114-P1-IRM-2-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-2	114-P1-IRM-2-20180116	N	T	JC58932	1/16/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-20I	114-P1-IRM-20I-20180117	N	D	JC59023	1/17/2018	< 200 U	**20.4**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-20I	114-P1-IRM-20I-20180117	N	T	JC59023	1/17/2018	< 200 U	**30.2**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-21I	114-P1-IRM-21I-20180118	N	D	JC59349	1/18/2018	< 200 U	**< 15 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-21I	114-P1-IRM-21I-20180118	N	T	JC59349	1/18/2018	**330**	**23.8**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-22I	114-P1-IRM-22I-20180118	N	D	JC59349	1/18/2018	< 200 U	**23.0**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-22I	114-P1-IRM-22I-20180118	N	T	JC59349	1/18/2018	**< 400 U**	**27.8**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1-IRM-24I	114-P1-IRM-24I-20180118	N	D	JC59349	1/18/2018	**< 400 U**	**37.2**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1-IRM-24I	114-P1-IRM-24I-20180118	N	T	JC59349	1/18/2018	**610**	**36.6**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1-IRM-25I	114-P1-IRM-25I-20180118	N	D	JC59349	1/18/2018	< 200 U	**109**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-25I	114-P1-IRM-25I-20180118	N	T	JC59349	1/18/2018	< 200 U	**105**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-26I	114-P1-IRM-26I-20180118	N	D	JC59349	1/18/2018	< 200 U	**55.9**	327	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-26I	114-P1-IRM-26I-20180118	N	T	JC59349	1/18/2018	**528**	**59.0**	390	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-27I	114-P1-IRM-27I-20180122	N	D	JC59495	1/22/2018	**< 1000 U**	**< 380 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-27I	114-P1-IRM-27I-20180122	N	T	JC59495	1/22/2018	**< 1000 U**	**< 380 U**	< 1000 U	**< 5.0 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-28I	114-P1-IRM-28I-20180118	N	D	JC59349	1/18/2018	< 200 U	**< 30 U**	< 200 U	< 1.0 U	**7.4**
WELL	INTERMEDIATE	114-P1-IRM-28I	114-P1-IRM-28I-20180118	N	T	JC59349	1/18/2018	< 200 U	**< 30 U**	< 200 U	< 1.0 U	**13.2**
WELL	INTERMEDIATE	114-P1-IRM-29I	114-P1-IRM-29I-20180118	N	D	JC59349	1/18/2018	< 200 U	**231**	< 200 U	< 1.0 U	3.6
WELL	INTERMEDIATE	114-P1-IRM-29I	114-P1-IRM-29I-20180118	N	T	JC59349	1/18/2018	< 200 U	**215**	< 200 U	< 1.0 U	**4.6**
WELL	INTERMEDIATE	114-P1-IRM-3	114-P1-IRM-3-20180124	N	D	JC59667	1/24/2018	< 200 U	< 3.0 U	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-3	114-P1-IRM-3-20180124	N	T	JC59667	1/24/2018	**206**	< 3.0 U	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-20180122	N	D	JC59495	1/22/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**21.5**
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-20180122	N	T	JC59495	1/22/2018	**1390**	**< 150 U**	< 1000 U	**< 5.0 U**	**28.5**
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-DUP-20180122	FD	D	JC59495	1/22/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**21.0**
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-DUP-20180122	FD	T	JC59495	1/22/2018	**1390**	**< 150 U**	< 1000 U	**< 5.0 U**	**24.5**
WELL	INTERMEDIATE	114-P1-IRM-31I	114-P1-IRM-31I-20180119	N	D	JC59431	1/19/2018	< 200 U	**76.3**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-31I	114-P1-IRM-31I-20180119	N	T	JC59431	1/19/2018	**8420**	**68.6**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1-IRM-32I	114-P1-IRM-32I-20180122	N	D	JC59495	1/22/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-32I	114-P1-IRM-32I-20180122	N	T	JC59495	1/22/2018	**6800**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-33I	114-P1-IRM-33I-20180124	N	D	JC59667	1/24/2018	**< 2000 U**	**85.0**	< 2000 U	**< 10 U**	**< 30 U**

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

						Analyte	ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
						CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
						GWQS	200	3	6000	1	4
						Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-IRM-33I	114-P1-IRM-33I-20180124	N	T	JC59667	1/24/2018	**< 2000 U**	**71.0**	< 2000 U	**< 10 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-34I	114-P1-IRM-34I	N	D	JC59745	1/25/2018	**< 1000 U**	**225**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-34I	114-P1-IRM-34I	N	T	JC59745	1/25/2018	**< 1000 U**	**163**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-35I	114-P1-IRM-35I-20180122	N	D	JC59495	1/22/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-35I	114-P1-IRM-35I-20180122	N	T	JC59495	1/22/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-36D	114-P1-IRM-36D-20180124	N	D	JC59667	1/24/2018	**< 1000 U**	**< 15 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-36D	114-P1-IRM-36D-20180124	N	T	JC59667	1/24/2018	**< 1000 U**	**30.5**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-36I	114-P1-IRM-36I-20180124	N	D	JC59667	1/24/2018	**< 1000 U**	**< 15 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-36I	114-P1-IRM-36I-20180124	N	T	JC59667	1/24/2018	**1060**	**< 15 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-37I	114-P1-IRM-37I-20180117	N	D	JC59023	1/17/2018	< 200 U	**9.7**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-37I	114-P1-IRM-37I-20180117	N	T	JC59023	1/17/2018	< 200 U	**9.6**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-38	114-P1-IRM-38-20180126	N	D	JC59838	1/26/2018	< 200 U	**< 15 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-38	114-P1-IRM-38-20180126	N	T	JC59838	1/26/2018	**1770**	**15.4**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-39	114-P1-IRM-39-20180126	N	D	JC59838	1/26/2018	< 200 U	**< 15 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-39	114-P1-IRM-39-20180126	N	T	JC59838	1/26/2018	**2160**	**30.2**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-40I	114-P1-IRM-40I-20180117	N	D	JC59023	1/17/2018	**< 1000 U**	**< 380 U**	< 1000 U	**< 25 U**	**< 75 U**
WELL	INTERMEDIATE	114-P1-IRM-40I	114-P1-IRM-40I-20180117	N	T	JC59023	1/17/2018	**6300**	**< 380 U**	< 1000 U	**< 25 U**	**< 75 U**
WELL	INTERMEDIATE	114-P1-IRM-41I	114-P1-IRM-41I-20180126	N	D	JC59838	1/26/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-41I	114-P1-IRM-41I-20180126	N	T	JC59838	1/26/2018	**1630**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-42I	114-P1-IRM-42I-20180126	N	D	JC59838	1/26/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**22.0**
WELL	INTERMEDIATE	114-P1-IRM-42I	114-P1-IRM-42I-20180126	N	T	JC59838	1/26/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**22.0**
WELL	INTERMEDIATE	114-P1-IRM-4I	114-P1-IRM-4I-20180124	N	D	JC59667	1/24/2018	**< 2000 U**	**< 600 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-4I	114-P1-IRM-4I-20180124	N	T	JC59667	1/24/2018	**< 2000 U**	**< 600 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-20180123	N	D	JC59556	1/23/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**34.5**
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-20180123	N	T	JC59556	1/23/2018	**93000**	**< 150 U**	< 1000 U	**7.5**	**30.5**
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	N	T	JC58073A	12/27/2017	**282**	**11.5**	65.5 J	< 0.40 U	1.1 J
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	N	T	JC58073A	12/27/2017	**468**	**< 8.2 U**	80.1 J	< 0.40 U	1.5 J
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	N	T	JC58028A	12/26/2017	**249**	**< 8.2 U**	86.7 J	< 0.40 U	1.3 J
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	N	T	JC58028A	12/26/2017	**539**	**< 8.2 U**	87.9 J	< 0.40 U	1.1 J
WELL	INTERMEDIATE	114-P1-IRM-6	114-P1-IRM-6-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**< 380 U**	< 1000 U	**< 5.0 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-6	114-P1-IRM-6-20180116	N	T	JC58932	1/16/2018	**2010**	**< 380 U**	< 1000 U	**< 5.0 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-7	114-P1-IRM-7-20180124	N	D	JC59667	1/24/2018	**< 400 U**	**< 150 U**	< 400 U	**< 2.0 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-7	114-P1-IRM-7-20180124	N	T	JC59667	1/24/2018	**2660**	**< 150 U**	< 400 U	**< 2.0 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-8	114-P1-IRM-8-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-8	114-P1-IRM-8-20180116	N	T	JC58932	1/16/2018	**1050**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-9	114-P1-IRM-9-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-9	114-P1-IRM-9-20180116	N	T	JC58932	1/16/2018	**1760**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-MW-1I	114-P1-MW-1I-20180129	N	D	JC59916	1/29/2018	**< 2000 U**	**< 90 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-MW-1I	114-P1-MW-1I-20180129	N	T	JC59916	1/29/2018	**2200**	**< 90 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-MW-2D	114-P1-MW2D-20180119	N	D	JC59431	1/19/2018	< 200 U	**3.4**	275	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-MW-2D	114-P1-MW2D-20180119	N	T	JC59431	1/19/2018	**2890**	**6.2**	307	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	N	T	JC58942	1/16/2018	**957**	**5.9**	208	< 0.40 U	1.7 J
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	N	T	JC58942	1/16/2018	**800**	**5.5**	224	< 0.40 U	1.8 J
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	N	T	JC58942	1/16/2018	**1080**	**6.3**	229	< 0.40 U	1.7 J
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	N	T	JC58942	1/16/2018	**882**	**7.1**	255	< 0.40 U	1.2 J
WELL	INTERMEDIATE	114-P1-MW-3I	114-P1-MW-3I-20180126	N	D	JC59838	1/26/2018	**< 400 U**	**7.6**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1-MW-3I	114-P1-MW-3I-20180126	N	T	JC59838	1/26/2018	**5400**	**7.4**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1-MW-4I	114-P1-MW-4I-20180126	N	D	JC59838	1/26/2018	**< 1000 U**	**93.0**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-MW-4I	114-P1-MW-4I-20180126	N	T	JC59838	1/26/2018	**3120**	**79.5**	< 1000 U	**< 5.0 U**	**< 15 U**

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							Analyte	ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
							CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
							GWQS	200	3	6000	1	4
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-MW-5I	114-P1-MW-5I-20180123	N	D	JC59667	1/23/2018	< 200 U	< 3.0 U	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-MW-5I	114-P1-MW-5I-20180123	N	T	JC59667	1/23/2018	**606**	< 3.0 U	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P1-MW-6I	114-P1-MW6I-20180119	N	D	JC59431	1/19/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-MW-6I	114-P1-MW6I-20180119	N	T	JC59431	1/19/2018	**25700**	**< 300 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-MW-7I	114-P1-MW7I-20180125	N	D	JC59745	1/25/2018	**< 400 U**	**< 150 U**	< 400 U	**< 2.0 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-MW-7I	114-P1-MW7I-20180125	N	T	JC59745	1/25/2018	**4350**	**242**	< 400 U	**< 2.0 U**	**< 150 U**
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20180130	N	D	JC59976	1/30/2018	**< 1000 U**	**< 15 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20180130	N	T	JC59976	1/30/2018	**< 1000 U**	**< 15 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20161212	N	T	JC33522	12/12/2016	**994**	**7.7**	24.7 J	< 0.25 UB	< 0.40 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160914	N	T	JC27595	9/14/2016	**6510**	**11.6**	60.3 J	0.40 J	< 0.40 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160628	N	T	JC23103	6/28/2016	**914**	**9.2**	24.6 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160324	N	T	JC16953	3/24/2016	**774 J**	**< 11 U**	28.3 J	**1.7 J**	2.6 J
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20161219	N	T	JC33991	12/19/2016	**254**	**35.9**	169 J	0.30 J	< 0.40 U
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160914	N	T	JC27595	9/14/2016	23.4 J	**33.3**	199 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160628	N	T	JC23103	6/28/2016	**1310**	**4.3**	43.6 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160324	N	T	JC16953	3/24/2016	**446 J**	-	132 J	**2.4 J**	< 2.0 U
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20161214	N	T	JC33691	12/14/2016	**14300**	**< 4.3 U**	164 J	1.0 J	< 0.80 U
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160915	N	T	JC27716	9/15/2016	**3970**	2.2 J	84.2 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160627	N	T	JC23029	6/27/2016	**2130**	< 2.2 U	48.6 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160325X	FD	T	JC17059	3/25/2016	**17700 J**	**8.3**	162 J	**1.6 J**	0.90 J
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160325	N	T	JC17059	3/25/2016	**10400 J**	**5.1**	111 J	**1.1 J**	0.70 J
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20161219	N	T	JC33991	12/19/2016	55.0 J	**14.5 J**	66.7 J	< 0.25 U	0.70 J
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160915	N	T	JC27716	9/15/2016	**1030**	**< 11 U**	93.5 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160629X	FD	T	JC23208	6/29/2016	**946 J**	**12.0 J**	102 J	< 0.25 U	0.70 J
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160629	N	T	JC23208	6/29/2016	**1270 J**	**14.7 J**	103 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160325	N	T	JC17059	3/25/2016	**1820 J**	**< 11 U**	80.1 J	**1.5 J**	< 2.0 U
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-ARC	N	D	JC59556	1/23/2018	< 200 U	**< 75 U**	< 200 U	< 1.0 U	**< 15 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-ARC	N	T	JC59556	1/23/2018	< 200 U	**< 75 U**	< 200 U	< 1.0 U	**< 15 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20160620	N	T	JC22555	6/20/2016	**1200**	**< 430 U**	23.2 J	**9.2**	**84.4**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20160322	N	T	JC16738	3/22/2016	**< 520 U**	**< 540 U**	28.0 J	**34.5**	**149**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20151216X	FD	T	JC10831	12/16/2015	81.6 J	**< 990 U**	26.2 J	< 0.35 U	**89.6 J**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20151216	N	T	JC10831	12/16/2015	**285**	**< 990 U**	26.3 J	< 0.35 U	**81.3 J**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20150925	N	T	JC4798A	9/25/2015	**235 JB**	**< 200 U**	14.6 J	**< 35 U**	**18.7**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20180130	N	D	JC59976	1/30/2018	**28000**	**< 1500 U**	**< 10000 U**	**< 50 U**	**< 750 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20180130	N	T	JC59976	1/30/2018	**< 2000 U**	**< 1500 U**	< 2000 U	**< 10 U**	**< 150 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160620	N	T	JC22555	6/20/2016	< 41 U	**< 220 U**	20.2 J	0.80 J	**6.2 J**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160323X	FD	T	JC16843	3/23/2016	**< 210 U**	**< 110 UJ**	23.0 J	**< 2.5 U**	**4.8 J**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160323	N	T	JC16843	3/23/2016	**220 J**	**< 110 UJ**	22.8 J	**< 2.5 U**	**4.4 J**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20151216	N	T	JC10831	12/16/2015	54.5 J	**< 200 U**	30.8 J	< 0.35 U	**4.5 J**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20150925	N	T	JC4798A	9/25/2015	< 33 UB	**< 200 U**	31.8 J	**< 35 U**	3.0 J
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW-101I-20180119	N	D	JC59431	1/19/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW-101I-20180119	N	T	JC59431	1/19/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20160622	N	T	JC22758	6/22/2016	108 J	**< 43 U**	5.8 J	< 0.50 U	3.2 J
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20160323	N	T	JC16843	3/23/2016	**< 210 U**	**< 110 UJ**	16.0 J	**< 2.5 U**	**5.8 J**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20151216	N	T	JC10831	12/16/2015	120 J	**< 99 U**	13.4 J	0.80 J	**25.9 J**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20150925	N	T	JC4798A	9/25/2015	< 33 UB	**< 200 U**	17.7 J	**< 35 U**	**7.9 J**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I	N	D	JC59556	1/23/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**17.5**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I	N	T	JC59556	1/23/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**18.0**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160621X	FD	T	JC22642	6/21/2016	**5350 J**	**< 86 U**	25.2 J	< 0.50 U	**4.4 J**

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

						Analyte	ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
						CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
						GWQS	200	3	6000	1	4
						Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160621	N	T	JC22642	6/21/2016	**4330 J**	**< 86 U**	21.4 J	< 0.50 U	**5.0 J**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160323	N	T	JC16843	3/23/2016	**1910 J**	**< 110 UJ**	25.4 J	**< 2.5 U**	**10.6 J**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20151216	N	T	JC10831	12/16/2015	**810**	**< 200 U**	26.6 J	< 0.35 U	**< 14 U**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20150928	N	T	JC4872A	9/28/2015	**528 J**	**< 99 U**	25.3 J	**< 18 U**	**32.2 J**
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I	N	D	JC59745	1/25/2018	< 200 U	**7.2**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I	N	T	JC59745	1/25/2018	< 200 U	**7.7**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20160621	N	T	JC22642	6/21/2016	89.9 J	**< 4.3 U**	13.6 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20160322	N	T	JC16738	3/22/2016	98.4 J	**< 22 U**	19.2 J	**2.3**	1.8 J
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20151216	N	T	JC10831	12/16/2015	74.8 J	**< 39 U**	26.7 J	< 0.35 U	< 1.4 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20150925	N	T	JC4798A	9/25/2015	< 33 UB	**< 20 U**	29.5 J	**< 3.5 U**	**5.5**
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I	N	D	JC59556	1/23/2018	< 200 U	**117**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I	N	T	JC59556	1/23/2018	< 200 U	**122**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160622	N	T	JC22758	6/22/2016	36.3 J	**157**	97.3 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160622X	FD	T	JC22758	6/22/2016	29.6 J	**155**	128 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160316	N	T	JC16336	3/16/2016	< 100 U	**117**	240 J	**< 1.3 U**	< 2.0 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20151210	N	T	JC10380	12/10/2015	**277 J**	**105**	161 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20150928	N	T	JC4872A	9/28/2015	182 J	**102**	131 J	**1.2**	< 0.28 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20160617	N	T	JC22504	6/17/2016	85.1 J	**59.0**	279	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20160317	N	T	JC16446	3/17/2016	< 21 U	**59.5**	214	< 0.25 U	0.50 J
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20151215	N	T	JC10723	12/15/2015	98.7 J	**72.2**	305	0.50 J	< 0.28 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20150929	N	T	JC4978A	9/29/2015	**613 J**	**5.6**	135 J	0.50 J	< 0.28 U
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20160616	N	T	JC22356	6/16/2016	< 21 U	**< 6.5 U**	33.2 J	< 0.25 UJ	< 0.40 U
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20160318	N	T	JC16549	3/18/2016	51.8 J	**< 11 U**	45.4 J	< 0.25 U	0.40 J
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20151215	N	T	JC10723	12/15/2015	178 J	**< 9.9 U**	51.9 J	**1.1**	2.1 J
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20150930	N	T	JC5099A	9/30/2015	152 J	**< 9.9 U**	46.6 J	**5.1**	2.0 J
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20160616	N	T	JC22356	6/16/2016	26.8 J	< 2.2 U	55.9 J	< 0.25 UJ	< 0.40 U
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20160318	N	T	JC16549	3/18/2016	33.3 J	< 2.2 U	46.8 J	< 0.25 U	0.50 J
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20151215-X	FD	T	JC10723	12/15/2015	**541**	< 2.0 U	78.6 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20151215	N	T	JC10723	12/15/2015	**744**	< 2.0 U	85.3 J	0.40 J	< 0.28 U
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20150929	N	T	JC4978A	9/29/2015	**916**	< 2.0 U	65.3 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20161215	N	T	JC33793	12/15/2016	**366**	**16.6**	53.3 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160913	N	T	JC27486	9/13/2016	**494**	**13.8**	54.7 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160616	N	T	JC22356	6/16/2016	**700**	**20.3**	59.0 J	< 0.25 UJ	< 0.40 U
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160324	N	T	JC16937	3/24/2016	**411 J**	**< 11 U**	108 J	**< 1.3 U**	< 2.0 U
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20161216	N	T	JC33887	12/16/2016	**1390**	**12.4**	202	0.40 J	< 0.40 U
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160913	N	T	JC27486	9/13/2016	92.1 J	**13.2**	198 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160615	N	T	JC22273	6/15/2016	**340 J**	**13.2**	270	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160324	N	T	JC16937	3/24/2016	**346 J**	**12.4 J**	367 J	**< 1.3 U**	< 2.0 U
WELL	INTERMEDIATE	135-MW2B	135-MW2B-30.5	N	T	JC5499	10/6/2015	**2320**	< 2.0 U	447	< 0.35 U	0.50 J
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20160624	N	T	JC22939	6/24/2016	41.3 J	**4.0**	65.7 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20160323	N	T	JC16843	3/23/2016	126 J	**6.8 J**	112 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20151218	N	T	JC11088	12/18/2015	119 J	**< 3.9 U**	139 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20150930	N	T	JC5099A	9/30/2015	**229**	< 2.0 U	171 J	< 0.35 U	0.40 J
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20160615	N	T	JC22273	6/15/2016	30.6 J	**9.3**	136 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20160321	N	T	JC16664	3/21/2016	< 21 U	**5.6**	149 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20151216	N	T	JC10831	12/16/2015	38.9 J	**5.9 J**	161 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20150930X	FD	T	JC5099A	9/30/2015	**357**	**10.3**	176 J	< 0.35 U	0.70 J
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20150930	N	T	JC5099A	9/30/2015	**460**	**11.2**	196 J	< 0.70 U	0.60 J
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20160620	N	T	JC22555	6/20/2016	**251**	**< 4.3 U**	66.4 J	< 0.25 U	0.40 J

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							Analyte	ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
							CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
							GWQS	200	3	6000	1	4
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20160318	N	T	JC16549	3/18/2016	81.0 J	**< 4.3 U**	40.0 J	< 0.25 U	0.40 J
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20151214	N	T	JC10593	12/14/2015	**1160**	**< 9.9 U**	46.2 J	**1.3 J**	1.7 J
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20150928	N	T	JC4872A	9/28/2015	**429**	< 2.0 U	37.7 J	**< 1.8 U**	< 1.4 U
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-100616	N	T	JC29150	10/6/2016	< 21 U	**15.0**	33.3 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-071216	N	T	JC23920	7/12/2016	33.6 J	**17.0**	34.4 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-040616	N	T	JC17755	4/6/2016	< 21 U	**20.1**	38.8 J	< 0.25 U	0.50 J
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-010616	N	T	JC12114	1/6/2016	< 33 U	**76.4**	37.2 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-100616	N	T	JC29150	10/6/2016	< 21 U	**4.9**	15.4 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-071216	N	T	JC23920	7/12/2016	61.4 J	**< 11 U**	24.0 J	< 0.25 U	0.60 J
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-040616	N	T	JC17755	4/6/2016	< 21 U	**< 11 U**	29.9 J	< 0.25 U	1.6 J
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-010616	N	T	JC12114	1/6/2016	< 33 U	**14.9**	13.9 J	< 0.35 U	**5.2**
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-100616	N	T	JC29150	10/6/2016	< 21 UB	**12.7**	57.0 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-071216	N	T	JC23920	7/12/2016	86.3 J	**29.9**	30.5 J	< 0.25 U	0.40 J
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-040616	N	T	JC17755	4/6/2016	107 J	**37.3**	30.4 J	< 0.25 U	0.40 J
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-010616	N	T	JC12114	1/6/2016	64.1 J	**84.3**	31.7 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-100616	N	T	JC29150	10/6/2016	< 21 U	**< 22 U**	51.2 J	< 0.25 U	0.50 J
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-071216	N	T	JC23920	7/12/2016	50.4 J	**157**	40.5 J	< 0.25 U	2.3 J
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-040616	N	T	JC17755	4/6/2016	< 21 U	**< 54 U**	71.9 J	< 0.25 U	1.1 J
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-010616	N	T	JC12114	1/6/2016	**407**	**10.9**	99.5 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-100616	N	T	JC29150	10/6/2016	< 100 U	**449**	109 J	**< 1.3 U**	< 2.0 U
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-071216	N	T	JC23920	7/12/2016	70.0 J	**477**	114 J	< 0.50 U	**6.8**
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-040616	N	T	JC17755	4/6/2016	< 41 U	**484**	86.8 J	< 0.50 U	< 0.80 U
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-010616	N	T	JC12114	1/6/2016	< 33 U	**252**	67.9 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-100616	N	T	JC29150	10/6/2016	< 21 U	**52.5**	77.0 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-071216	N	T	JC23920	7/12/2016	47.0 J	**27.7**	77.0 J	< 0.25 U	0.40 J
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-040616	N	T	JC17755	4/6/2016	52.6 J	**31.7**	55.1 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-010616	N	T	JC12114	1/6/2016	141 J	**81.8**	44.7 J	< 0.35 U	< 0.28 U
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-100616	N	T	JC29150	10/6/2016	< 21 U	**187**	40.9 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-071216	N	T	JC23920	7/12/2016	74.4 J	**< 43 U**	58.9 J	< 0.25 U	0.90 J
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-040616	N	T	JC17755	4/6/2016	24.4 J	**192**	36.3 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-010616	N	T	JC12114	1/6/2016	46.7 J	**158**	43.1 J	< 0.35 U	0.30 J
WELL	INTERMEDIATE	GPS-MW2I	GPS-MW2I-20180131	N	D	JC60035	1/31/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**22.5**
WELL	INTERMEDIATE	GPS-MW2I	GPS-MW2I-20180131	N	T	JC60035	1/31/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**24.0**
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131	N	D	JC60035	1/31/2018	**< 400 U**	**< 6.0 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131	N	T	JC60035	1/31/2018	**702**	**< 6.0 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131-DUP	FD	D	JC60035	1/31/2018	**< 400 U**	**< 6.0 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131-DUP	FD	T	JC60035	1/31/2018	**768**	**< 6.0 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-20180131	N	D	JC60035	1/31/2018	< 200 U	**< 30 U**	< 200 U	< 1.0 U	< 3.0 U
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-20180131	N	T	JC60035	1/31/2018	**23100**	**26.5**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-100616	N	T	JC29150	10/6/2016	**436**	**22.1**	60.4 J	< 0.25 U	< 0.40 U
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-071216	N	T	JC23920	7/12/2016	**3630**	**37.8**	111 J	< 0.50 U	0.80 J
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-040616	N	T	JC17755	4/6/2016	**49800**	**< 43 U**	339 J	**3.0**	1.8 J
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-010616	N	T	JC12114	1/6/2016	**9970**	**33.5**	154 J	0.70 J	< 0.28 U
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-20180130	N	D	JC59976	1/30/2018	**< 400 U**	**77.0**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-20180130	N	T	JC59976	1/30/2018	**< 1000 U**	**103**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-100616	N	T	JC29150	10/6/2016	< 100 U	**< 22 U**	48.5 J	**< 1.3 U**	**9.5 J**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-071216	N	T	JC23920	7/12/2016	< 100 U	**< 11 U**	80.0 J	**< 1.3 U**	**13.5 J**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-040616	N	T	JC17755	4/6/2016	< 41 U	**< 43 U**	134 J	< 0.50 U	**21.2**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-010616	N	T	JC12114	1/6/2016	< 33 U	**< 20 U**	128 J	< 0.35 U	3.6

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

								ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
							Analyte					
							CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
							GWQS	200	3	6000	1	4
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-100616	N	T	JC29150	10/6/2016	< 21 UB	**162**	44.6 J	< 0.25 U	0.70 J
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-071216	N	T	JC23920	7/12/2016	71.9 J	**146**	46.6 J	< 0.25 U	2.2 J
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-040616	N	T	JC17755	4/6/2016	< 21 U	**78.9**	53.7 J	< 0.25 U	1.5 J
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-010616	N	T	JC12114	1/6/2016	50.5 J	**10.2 J**	79.4 J	< 0.35 U	2.9 J
WELL	INTERMEDIATE	MW7D	MW7D-45.0-20180423	N	T	JC64763	4/23/2018	< 61.8 UB	**266**	260	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	MW7D	MW7D-41.0-20180423	N	T	JC64763	4/23/2018	< 40.8 UB	**302**	268	< 0.40 U	< 0.70 U
WELL	INTERMEDIATE	MW7D	MW7D-45.5-20150930X	FD	T	JC5098A	9/30/2015	**6120**	**451**	296	0.50 J	0.50 J
WELL	INTERMEDIATE	MW7D	MW7D-45.5-20150930	N	T	JC5098A	9/30/2015	**7120**	**406**	281	0.40 J	< 0.28 U
WELL	INTERMEDIATE	MW7D	MW7D-40.5-20150930	N	T	JC5098A	9/30/2015	**247 JB**	**565**	304	< 0.35 U	0.30 J
WELL	INTERMEDIATE	MW8D	MW8D-46.5-20150929	N	T	JC4976A	9/29/2015	**241 J**	**< 9.9 U**	50.9 J	< 0.35 U	0.50 J
WELL	INTERMEDIATE	MW8D	MW8D-41.5-20150929	N	T	JC4976A	9/29/2015	< 33 U	**< 49 U**	39.2 J	< 0.35 U	1.3 J
WELL	DEEP	114-MW20C	114-MW20C-20180419	N	T	JC64571	4/19/2018	**650**	< 2.7 U	158 J	< 0.40 U	< 0.70 U
WELL	DEEP	114-MW20C	114-MW20C-78.5-20151001	N	T	JC5237A	10/1/2015	**876**	**3.7**	289	< 0.35 U	< 0.28 U
WELL	DEEP	114-MW25C-2	114-MW25C-20180313	N	D	JC62228	3/13/2018	< 33 U	**16.5**	54.2 J	< 0.40 U	< 0.70 U
WELL	DEEP	114-MW25C-2	114-MW25C-20180313	N	T	JC62228	3/13/2018	**28500**	**27.0**	222 J	**< 2.0 U**	< 3.5 U
WELL	DEEP	114-P1B-MW103D	114-P1B-MW103D-20171214X	FD	T	JC57385	12/14/2017	**1130 J**	**< 68 U**	83.5 J	**< 2.0 U**	< 3.5 U
WELL	DEEP	114-P1B-MW103D	114-P1B-MW103D-20171214	N	T	JC57385	12/14/2017	**1500 J**	**< 68 U**	82.0 J	**< 2.0 U**	< 3.5 U
WELL	DEEP	114-P1-IRM-10D	114-P1-IRM-10D	N	D	JC59745	1/25/2018	**< 400 U**	**77.4**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	DEEP	114-P1-IRM-10D	114-P1-IRM-10D	N	T	JC59745	1/25/2018	**< 400 U**	**87.0**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	DEEP	114-P1-IRM-18D	114-P1-IRM-18D-20180118	N	D	JC59349	1/18/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-18D	114-P1-IRM-18D-20180118	N	T	JC59349	1/18/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-19D	114-P1-IRM-19D-20180117	N	D	JC59023	1/17/2018	**< 400 U**	**13.4**	< 400 U	**< 2.0 U**	**< 12 U**
WELL	DEEP	114-P1-IRM-19D	114-P1-IRM-19D-20180117	N	T	JC59023	1/17/2018	**433**	**< 12 U**	< 400 U	**< 2.0 U**	**< 12 U**
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20D-20180117	N	D	JC59023	1/17/2018	< 200 U	**12.6**	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20D-20180117	N	T	JC59023	1/17/2018	**207**	**14.6**	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20B-20180117-DUP	FD	D	JC59023	1/17/2018	< 200 U	**14.2**	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20B-20180117-DUP	FD	T	JC59023	1/17/2018	**293**	**14.9**	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-21D	114-P1-IRM-21D-20180118	N	D	JC59349	1/18/2018	**< 1000 U**	**< 45 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-21D	114-P1-IRM-21D-20180118	N	T	JC59349	1/18/2018	**< 1000 U**	**< 45 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-22D	114-P1-IRM-22D-20180118	N	D	JC59349	1/18/2018	**< 400 U**	**< 30 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	DEEP	114-P1-IRM-22D	114-P1-IRM-22D-20180118	N	T	JC59349	1/18/2018	**< 400 U**	**< 30 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	DEEP	114-P1-IRM-23D	114-P1-IRM-23D-20180124	N	D	JC59667	1/24/2018	**< 2000 U**	**< 600 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	DEEP	114-P1-IRM-23D	114-P1-IRM-23D-20180124	N	T	JC59667	1/24/2018	**< 2000 U**	**< 600 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	DEEP	114-P1-IRM-24D	114-P1-IRM-24D-20180119	N	D	JC59431	1/19/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-24D	114-P1-IRM-24D-20180119	N	T	JC59431	1/19/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-25D	114-P1-IRM-25D-20180118	N	D	JC59349	1/18/2018	**< 1000 U**	**76.0**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-25D	114-P1-IRM-25D-20180118	N	T	JC59349	1/18/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-26D	114-P1-IRM-26D-20180119	N	D	JC59431	1/19/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 300 U**
WELL	DEEP	114-P1-IRM-26D	114-P1-IRM-26D-20180119	N	T	JC59431	1/19/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 300 U**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-20180122	N	D	JC59495	1/22/2018	**< 400 U**	**< 30 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-20180122	N	T	JC59495	1/22/2018	**< 400 U**	**< 30 U**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	N	T	JC57943A	12/22/2017	107 J	**< 27 U**	53.4 J	< 0.80 U	< 1.4 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	N	T	JC57943A	12/22/2017	**221 J**	**28.2 J**	54.8 J	< 0.80 U	< 1.4 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	N	T	JC57820	12/21/2017	139 J	**< 27 U**	60.4 J	< 0.40 U	2.4 J
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	N	T	JC57820	12/21/2017	54.7 J	**32.3**	57.6 J	< 0.40 U	2.3 J
WELL	DEEP	114-P1-IRM-28D	114-P1-IRM-28D-20180124	N	D	JC59667	1/24/2018	< 200 U	**7.6**	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-28D	114-P1-IRM-28D-20180124	N	T	JC59667	1/24/2018	< 200 U	**8.8**	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-29D	114-P1-IRM-29D-20180118	N	D	JC59349	1/18/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-29D	114-P1-IRM-29D-20180118	N	T	JC59349	1/18/2018	**< 1000 U**	**< 300 U**	< 1000 U	**< 5.0 U**	**< 15 U**

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Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	ALUMINUM	ARSENIC	BARIUM	BERYLLIUM	CADMIUM
							CAS RN	7429-90-5	7440-38-2	7440-39-3	7440-41-7	7440-43-9
							GWQS	200	3	6000	1	4
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	DEEP	114-P1-IRM-30D	114-P1-IRM-30D-20180122	N	D	JC59495	1/22/2018	< 200 U	< 3.0 U	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-30D	114-P1-IRM-30D-20180122	N	T	JC59495	1/22/2018	**358**	< 3.0 U	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-31D	114-P1-IRM-31D-20180119	N	D	JC59431	1/19/2018	**< 1000 U**	**34.0**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-31D	114-P1-IRM-31D-20180119	N	T	JC59431	1/19/2018	**14600**	**27.5**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-32D	114-P1-IRM-32D-20180122	N	D	JC59495	1/22/2018	< 200 U	**10.9**	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-32D	114-P1-IRM-32D-20180122	N	T	JC59495	1/22/2018	**< 400 U**	**34.0**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	DEEP	114-P1-IRM-33D	114-P1-IRM-33D-20180124	N	D	JC59667	1/24/2018	**< 2000 U**	**73.0**	< 2000 U	**< 10 U**	**< 30 U**
WELL	DEEP	114-P1-IRM-33D	114-P1-IRM-33D-20180124	N	T	JC59667	1/24/2018	**8690**	**< 60 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	DEEP	114-P1-IRM-34D	114-P1-IRM-34D	N	D	JC59745	1/25/2018	< 200 U	**7.1**	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-34D	114-P1-IRM-34D	N	T	JC59745	1/25/2018	**280**	< 3.0 U	< 200 U	< 1.0 U	< 3.0 U
WELL	DEEP	114-P1-IRM-35D	114-P1-IRM-35D-20180122	N	D	JC59495	1/22/2018	**< 1000 U**	**< 380 U**	< 1000 U	**< 5.0 U**	**< 380 U**
WELL	DEEP	114-P1-IRM-35D	114-P1-IRM-35D-20180122	N	T	JC59495	1/22/2018	**2020**	**< 380 U**	< 1000 U	**< 5.0 U**	**< 380 U**
WELL	DEEP	114-P1-IRM-37D	114-P1-IRM-37D-20180117	N	D	JC59023	1/17/2018	**< 1000 U**	**< 45 U**	< 1000 U	**< 5.0 U**	**< 45 U**
WELL	DEEP	114-P1-IRM-37D	114-P1-IRM-37D-20180117	N	T	JC59023	1/17/2018	**< 1000 U**	**< 45 U**	< 1000 U	**< 5.0 U**	**< 45 U**
WELL	DEEP	114-P1-IRM-40D	114-P1-IRM-40D-20180118	N	D	JC59349	1/18/2018	**< 1000 U**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-40D	114-P1-IRM-40D-20180118	N	T	JC59349	1/18/2018	**1010**	**< 150 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-41D	114-P1-IRM-41D-20180126	N	D	JC59838	1/26/2018	**< 1000 U**	**< 15 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-41D	114-P1-IRM-41D-20180126	N	T	JC59838	1/26/2018	**< 1000 U**	**16.5**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126	N	D	JC59838	1/26/2018	**< 2000 U**	**< 600 U**	< 2000 U	**< 10 U**	**< 600 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126	N	T	JC59838	1/26/2018	**< 2000 U**	**< 600 U**	< 2000 U	**< 10 U**	**< 600 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126-DUP	FD	D	JC59838	1/26/2018	**< 2000 U**	**< 600 U**	< 2000 U	**< 10 U**	**< 600 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126-DUP	FD	T	JC59838	1/26/2018	**< 2000 U**	**683**	< 2000 U	**< 10 U**	**< 600 U**
WELL	DEEP	114-P1-IRM-4D	114-P1-IRM-4D-20180124	N	D	JC59667	1/24/2018	**< 2000 U**	**< 150 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	DEEP	114-P1-IRM-4D	114-P1-IRM-4D-20180124	N	T	JC59667	1/24/2018	**< 2000 U**	**< 150 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	DEEP	114-P1-IRM-5D	114-P1-IRM-5D-DUP-20180124	FD	D	JC59667	1/24/2018	**< 400 U**	**< 150 U**	< 400 U	**< 2.0 U**	**< 30 U**
WELL	DEEP	114-P1-IRM-5D	114-P1-IRM-5D-DUP-20180124	FD	T	JC59667	1/24/2018	**< 400 U**	**< 150 U**	< 400 U	**< 2.0 U**	**< 30 U**
WELL	DEEP	114-P1-IRM-5D	114-P1-MW-5I-20180124	N	D	JC59556	1/24/2018	**< 1000 U**	**< 75 U**	< 1000 U	**< 5.0 U**	**15.0**
WELL	DEEP	114-P1-IRM-5D	114-P1-MW-5I-20180124	N	T	JC59556	1/24/2018	**13400**	**< 75 U**	< 1000 U	**< 5.0 U**	**17.0**
WELL	DEEP	114-P1-MW-1D	114-P1-MW-1D-20180129	N	D	JC59916	1/29/2018	**< 2000 U**	**< 150 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	DEEP	114-P1-MW-1D	114-P1-MW-1D-20180129	N	T	JC59916	1/29/2018	**< 2000 U**	**< 150 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	DEEP	114-P1-MW-4D	114-P1-MW-4D-20180126	N	D	JC59838	1/26/2018	**< 1000 U**	**33.0**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-MW-4D	114-P1-MW-4D-20180126	N	T	JC59838	1/26/2018	**< 1000 U**	**30.0**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-MW-5D	114-P1-MW-5D-20180123	N	D	JC59667	1/24/2018	**< 2000 U**	**< 150 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	DEEP	114-P1-MW-5D	114-P1-MW-5D-20180123	N	T	JC59667	1/24/2018	**< 2000 U**	**< 150 U**	< 2000 U	**< 10 U**	**< 30 U**
WELL	DEEP	114-P1-MW-6D	114-P1-MW-6D-20180119	N	D	JC59431	1/19/2018	**< 1000 U**	**< 45 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-MW-6D	114-P1-MW-6D-20180119	N	T	JC59431	1/19/2018	**< 1000 U**	**< 45 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	114-P1-MW-7D	114-P1-MW7D-20180125	N	D	JC59745	1/25/2018	**< 400 U**	**47.4**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	DEEP	114-P1-MW-7D	114-P1-MW7D-20180125	N	T	JC59745	1/25/2018	**554**	**40.0**	< 400 U	**< 2.0 U**	**< 6.0 U**
WELL	DEEP	137-MW2C	137-MW2C-20151214	N	T	JC10597	12/14/2015	**1340**	2.5 J	75.2 J	< 0.35 U	< 0.28 U
WELL	DEEP	MW6C	MC6C-20180129	N	D	JC59916	1/29/2018	**< 1000 U**	**< 15 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	MW6C	MC6C-20180129	N	T	JC59916	1/29/2018	**< 1000 U**	**< 15 U**	< 1000 U	**< 5.0 U**	**< 15 U**
WELL	DEEP	MW6C	MW6C-57.0-20171220	N	T	JC57752	12/20/2017	**286**	**< 14 U**	121 J	< 0.40 U	**6.1**
WELL	DEEP	MW6C	MW6C-62.0-20171220	N	T	JC57752	12/20/2017	**663**	**< 14 U**	120 J	< 0.40 U	**6.6**
WELL	DEEP	MW6C	114-MW6C-20160321	N	T	JC16664	3/21/2016	**549**	2.4 J	65.1 J	< 0.25 U	2.0 J
WELL	DEEP	MW8F	MW8F-82.0-20151001	N	T	JC5237A	10/1/2015	**6000**	**20.6**	205	< 0.35 U	< 0.28 U
WELL	DEEP	MW8F	MW8F-79.5-20151001	N	T	JC5237A	10/1/2015	**2120**	**23.4**	181 J	< 0.35 U	< 0.28 U
WELL	Bedrock	114-MW16B	114-MW16B-20151214	N	T	JC10597	12/14/2015	105 J	**10.5**	15.5 J	< 0.35 U	2.4 J

Appendix L.2
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							Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
							CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
							GWQS	N/A	100	1300	300	5
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160622	N	T	JC22758	6/22/2016	526000	< 0.69 U	4.8 J	**29800**	**< 23 U**
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160314X	FD	T	JC16175	3/14/2016	451000	2.3 J	< 2.4 UB	**17400 J**	**< 11 U**
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160314	N	T	JC16175	3/14/2016	469000	< 0.69 U	< 2.4 U	**12000 J**	**< 11 U**
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20151209	N	T	JC10220A	12/9/2015	496000	< 0.54 UB	6.3 J	**26000**	**< 23 U**
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20150921	N	T	JC4371A	9/21/2015	600000	1.9 J	2.7 J	**34700**	**< 23 U**
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20160624	N	T	JC22939	6/24/2016	1110000	< 3.5 U	< 12 U	**6560**	**< 11 U**
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20160314	N	T	JC16175	3/14/2016	1150000	4.3 J	18.4 J	**31600 J**	**< 57 U**
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20151210	N	T	JC10380	12/10/2015	1300000	< 14 U	17.7 J	**4340**	**< 58 U**
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20150921	N	T	JC4371A	9/21/2015	1330000	< 2.7 U	< 9.3 U	**10400**	**< 23 U**
WELL	SHALLOW	114-MW15A	114-MW15A-20180417	N	D	JC64376	4/17/2018	32300	< 0.72 U	4.2 J	< 32 U	< 2.6 U
WELL	SHALLOW	114-MW15A	114-MW15A-20180417	N	T	JC64376	4/17/2018	33300	< 0.72 U	8.2 J	**1340**	< 2.6 U
WELL	SHALLOW	114-MW16A	114-MW16A-20151214-10.65	N	T	JC10597	12/14/2015	69200	< 0.54 U	< 1.9 U	203	< 2.3 U
WELL	SHALLOW	114-MW20A	114-MW20A-8.0-20180420	N	T	JC64643	4/20/2018	41800	1.3 J	29.5	**1110**	**24.6**
WELL	SHALLOW	114-MW20A	114-MW20A-11.0-20180420	N	T	JC64643	4/20/2018	43900	0.80 J	< 3.2 U	**1750**	**20.5**
WELL	SHALLOW	114-MW20A	114-MW20A-12.5-20151001	N	T	JC5237A	10/1/2015	31800	< 0.54 U	< 1.9 U	**593**	**30.4**
WELL	SHALLOW	114-MW20A	114-MW20A-10.5-20151001	N	T	JC5237A	10/1/2015	40800	< 0.54 U	8.6 J	**734**	**23.3**
WELL	SHALLOW	114-MW22A	114-MW22A-11.0-20180419	N	T	JC64571	4/19/2018	191000	< 0.72 U	< 3.2 U	**11000**	< 2.6 U
WELL	SHALLOW	114-MW22A	114-MW22A-16.0-20180419	N	T	JC64571	4/19/2018	188000	< 0.72 U	< 3.2 U	**10700**	< 2.6 U
WELL	SHALLOW	114-MW24AR	114-MW24AR-20180502	N	T	JC65325	5/2/2018	408000	6.8 J	4.8 J	**884**	**< 13 U**
WELL	SHALLOW	114-MW25A	114-MW25A-20170926	N	T	JC51824	9/26/2017	129000	1.9 J	8.1 J	**352**	< 2.6 U
WELL	SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	N	T	JC57565	12/18/2017	108000	22.0 J	6.9 J	**12200**	< 2.6 U
WELL	SHALLOW	114-MW27A	114-MW27A-20170926	N	T	JC51824	9/26/2017	111000	< 0.72 U	3.4 J	182	< 2.6 U
WELL	SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	N	T	JC57565	12/18/2017	52300	< 0.72 U	12.1	**438**	**11.0**
WELL	SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	N	T	JC56729A	12/6/2017	110000	< 0.72 U	< 3.2 U	**2420**	< 2.6 U
WELL	SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	N	T	JC56859A	12/7/2017	90200	< 0.72 U	< 3.2 U	**26800**	< 2.6 U
WELL	SHALLOW	114-MW36A	114-MW36A-20170927-X	FD	T	JC51890	9/27/2017	203000	1.2 J	< 3.2 U	118	< 2.6 U
WELL	SHALLOW	114-MW36A	114-MW36A-20170927	N	T	JC51890	9/27/2017	203000	0.90 J	< 3.2 U	48.1 J	< 2.6 U
WELL	SHALLOW	114-MW37A	114-MW37A-20170928	N	T	JC52029	9/28/2017	107000	6.4 J	4.4 J	**12600**	< 2.6 U
WELL	SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	N	T	JC56504A	12/4/2017	76200	4.0 J	14.6 J	**16300**	**12.2**
WELL	SHALLOW	114-MW41A	114-MW41A-20180420	N	T	JC64643	4/20/2018	409000	< 3.6 U	< 32 U	245 J	**< 26 U**
WELL	SHALLOW	114-MW42A	114-MW42A-20180417	N	T	JC64376	4/17/2018	156000	1.6 J	4.3 J	**1150**	< 2.6 U
WELL	SHALLOW	114-MW43A	114-MW43A-20180417	N	T	JC64376	4/17/2018	303000	< 0.72 U	< 3.2 U	**13500**	**< 5.3 U**
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160916	N	T	JC27812	9/16/2016	126000	< 0.69 U	< 2.4 U	43.4 J	< 2.3 U
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160617	N	T	JC22504	6/17/2016	129000	< 0.69 U	< 2.4 UB	58.3 J	< 4.6 U
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160317	N	T	JC16446	3/17/2016	109000	0.80 J	< 2.4 U	230	**< 11 U**
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20151209	N	T	JC10220A	12/9/2015	125000	9.8 J	16.0	49.1 J	< 2.3 U
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20150921	N	T	JC4371A	9/21/2015	116000	< 0.54 U	2.9 J	194	< 4.6 U
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20160621	N	T	JC22642	6/21/2016	158000	1.3 J	8.4 J	**527**	< 4.6 U
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20160314	N	T	JC16175	3/14/2016	123000	2.3 J	< 2.4 UB	**807 J**	3.8
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20151209	N	T	JC10220A	12/9/2015	157000	< 0.54 UB	< 1.9 U	83.5 J	**< 6.9 U**
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20150922	N	T	JC4452A	9/22/2015	132000	< 0.54 UJB	3.9 J	93.4 J	< 2.3 U
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20160916	N	T	JC27812	9/16/2016	40400	2.2 J	5.6 J	**5940**	**6.2**
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20160314	N	T	JC16175	3/14/2016	49900	4.6 J	< 2.4 UB	**8260 J**	**11.0 J**
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20151210	N	T	JC10380	12/10/2015	73700	2.8 J	< 1.9 U	**14400**	**14.3 J**
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20150922	N	T	JC4452A	9/22/2015	80700	2.4 JB	3.5 J	**15100**	**11.1**
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20160622	N	T	JC22758	6/22/2016	341000	< 0.69 U	< 2.4 U	19.1 J	**< 11 U**
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20160318	N	T	JC16549	3/18/2016	363000	1.0 J	2.6 J	< 12 UB	**< 11 UJ**
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20151210	N	T	JC10380	12/10/2015	411000	0.80 J	2.2 J	**431**	**< 23 U**
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20150922	N	T	JC4452A	9/22/2015	386000	0.80 JB	< 1.9 U	**442**	3.1

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							Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
							CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
							GWQS	N/A	100	1300	300	5
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20160621	N	T	JC22642	6/21/2016	67200	2.4 J	11.4 J	70.6 J	< 2.3 U
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20160322	N	T	JC16738	3/22/2016	76700	2.0 J	14.9	62.0 J	< 2.3 U
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20151211	N	T	JC10525	12/11/2015	65300	2.5 J	21.7	147	< 2.3 U
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20150922	N	T	JC4452A	9/22/2015	61200	1.8 JB	8.7 J	176	< 2.3 U
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20160620	N	T	JC22555	6/20/2016	205000	1.8 J	4.6 J	**12900**	**< 23 U**
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20160316	N	T	JC16336	3/16/2016	189000	< 3.5 U	< 12 U	**17400**	**< 11 U**
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20151211	N	T	JC10525	12/11/2015	188000	< 2.7 U	< 1.9 U	**7100**	**< 23 U**
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20150923X	FD	T	JC4555A	9/23/2015	228000	< 0.54 UB	< 1.9 UB	**16500**	**< 23 U**
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20150923	N	T	JC4555A	9/23/2015	227000	< 0.54 UB	< 1.9 UB	**18100**	**< 23 U**
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20161212X	FD	T	JC33522	12/12/2016	82900	< 0.69 U	< 2.4 U	**355 J**	2.7 J
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20161212	N	T	JC33522	12/12/2016	82700	< 0.69 U	< 2.4 U	**735 J**	< 2.3 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160914X	FD	T	JC27595	9/14/2016	112000	< 0.69 U	< 2.4 U	**1190**	< 2.3 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160914	N	T	JC27595	9/14/2016	110000	0.70 J	< 2.4 U	**1050**	< 2.3 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160628	N	T	JC23103	6/28/2016	263000	1.5 J	9.3 J	**13300**	**< 11 U**
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160324	N	T	JC16953	3/24/2016	121000	< 3.5 U	< 12 UJ	**2440**	**< 11 U**
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20161212	N	T	JC33522	12/12/2016	130000	2.3 J	4.6 J	**3850**	**< 6.9 U**
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160914	N	T	JC27595	9/14/2016	184000	2.0 J	5.5 J	**2410**	< 2.3 U
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160628	N	T	JC23103	6/28/2016	206000	8.3 J	79.4	**11000**	**13.5**
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160324	N	T	JC16953	3/24/2016	272000	3.6 J	< 12 UJ	**1900**	**< 11 U**
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20161213	N	T	JC33573	12/13/2016	538000	5.3 J	6.4 J	**9470**	**< 23 U**
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160915	N	T	JC27716	9/15/2016	597000	7.2 J	24.0	**22300**	**< 23 U**
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160627	N	T	JC23029	6/27/2016	584000	10.0 J	36.7	**24000**	**< 23 U**
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160325	N	T	JC17059	3/25/2016	480000 J	11.1 J	19.2 J	**19600 J**	**< 57 UJ**
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20161214	N	T	JC33691	12/14/2016	196000	5.2 J	4.5 J	**2010**	**< 11 U**
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160915	N	T	JC27716	9/15/2016	164000	3.8 J	6.0 J	**491**	< 2.3 U
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160629	N	T	JC23208	6/29/2016	199000	8.2 J	64.2 J	**9220**	**13.4 J**
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160325	N	T	JC17059	3/25/2016	206000 J	4.7 J	< 12 UJ	**3450 J**	**< 11 UJ**
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20160620	N	T	JC22555	6/20/2016	532000	4.3 J	< 2.4 U	**16900**	**< 23 U**
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20160315	N	T	JC16239	3/15/2016	462000	1.6 J	< 2.4 UB	**6920**	**< 23 U**
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20151210X	FD	T	JC10380	12/10/2015	451000	2.3 J	1.9 J	**41500**	**< 23 U**
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20151210	N	T	JC10380	12/10/2015	459000	2.1 J	1.9 J	**46800**	**< 23 U**
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20150922	N	T	JC4452A	9/22/2015	403000	2.8 JB	< 1.9 U	**51900**	**< 23 U**
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20160623	N	T	JC22854	6/23/2016	454000	1.6 J	61.7	**38400**	**< 11 U**
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20160316	N	T	JC16336	3/16/2016	545000	< 3.5 U	< 12 U	**101000**	**< 46 U**
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20151211	N	T	JC10525	12/11/2015	479000	< 2.7 U	< 1.9 UB	**23900**	**< 58 U**
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20150923	N	T	JC4555A	9/23/2015	424000	< 2.7 UB	< 1.9 UB	**37700**	**< 12 U**
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20160623	N	T	JC22854	6/23/2016	511000	1.5 J	12.3	**88700**	**< 11 U**
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20160316	N	T	JC16336	3/16/2016	474000	< 3.5 U	< 12 U	**26700**	**< 11 U**
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20151211	N	T	JC10525	12/11/2015	569000	3.1 J	< 1.9 U	**72700**	**< 58 U**
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20150923	N	T	JC4555A	9/23/2015	565000	< 2.7 UB	< 1.9 U	**96000**	**< 12 U**
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20160620	N	T	JC22555	6/20/2016	366000	3.9 J	< 2.4 U	**30800**	**< 23 U**
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20160315	N	T	JC16239	3/15/2016	400000	2.2 J	< 2.4 UB	**29000**	**< 23 U**
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20151209	N	T	JC10220A	12/9/2015	384000	3.5 JB	< 1.9 U	**63800**	**< 23 U**
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20150921	N	T	JC4371A	9/21/2015	423000	4.6 J	< 1.9 U	**57600**	**< 23 U**
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20160622	N	T	JC22758	6/22/2016	536000	0.80 J	5.8 J	**49400**	**< 23 U**
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20160315	N	T	JC16239	3/15/2016	257000	0.70 J	< 2.4 U	**28100**	**< 11 U**
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20151210	N	T	JC10380	12/10/2015	501000	1.7 J	4.0 J	**38100**	**< 23 U**
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20150925	N	T	JC4798A	9/25/2015	462000	1.3 J	< 1.9 U	**31500**	**< 12 U**
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20160621	N	T	JC22642	6/21/2016	805000	< 3.5 U	39.1	**87700**	**53.8**

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
							CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
							GWQS	N/A	100	1300	300	5
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20160316	N	T	JC16336	3/16/2016	879000	< 3.5 U	< 12 U	**123000**	**< 46 U**
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20151210	N	T	JC10380	12/10/2015	951000	< 2.7 U	16.1 J	**124000**	**< 58 U**
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20150928	N	T	JC4872A	9/28/2015	1090000	< 2.7 U	< 93 U	**168000**	**< 120 U**
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20160621	N	T	JC22642	6/21/2016	758000	3.6 J	26.4 J	**74300**	**63.6 J**
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20160322	N	T	JC16738	3/22/2016	711000	< 3.5 U	< 2.4 U	**73700**	**< 46 U**
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20151211	N	T	JC10525	12/11/2015	835000	< 14 U	15.5 JB	**87100**	**< 58 U**
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20150925	N	T	JC4798A	9/25/2015	900000	< 2.7 U	< 9.3 U	**79200**	**< 12 U**
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20160622	N	T	JC22758	6/22/2016	757000	32.7 J	51.8	**99000**	**< 23 U**
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20160316	N	T	JC16336	3/16/2016	717000	37.0 J	< 12 U	**52700**	**< 46 U**
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20151210	N	T	JC10380	12/10/2015	809000	61.9 J	20.3 J	**93800**	**< 58 U**
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20150928	N	T	JC4872A	9/28/2015	814000	45.7 J	< 9.3 U	**51400**	**< 12 U**
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20160617	N	T	JC22504	6/17/2016	224000	3.5 J	< 2.4 UB	**3250**	**12.2**
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20160317	N	T	JC16446	3/17/2016	223000	3.1 J	9.4 J	**3380**	**< 11 U**
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20151215	N	T	JC10723	12/15/2015	174000	22.6 J	113	**56200 J**	**288**
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20150929	N	T	JC4978A	9/29/2015	92100	76.1	292	**155000**	**828**
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20160616	N	T	JC22356	6/16/2016	635000	< 6.9 U	17.8	**256000**	**< 23 U**
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20160318	N	T	JC16549	3/18/2016	429000	2.3 J	10.6	**2530 J**	**< 11 UJ**
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20151215	N	T	JC10723	12/15/2015	351000	3.4 J	17.2	**7860 J**	**21.0**
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20150930	N	T	JC5099A	9/30/2015	821000	< 2.7 U	< 9.3 U	**480000**	**34.5**
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20160616	N	T	JC22356	6/16/2016	126000	1.5 J	6.4 J	**568**	2.7 J
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20160318	N	T	JC16549	3/18/2016	99500	3.1 J	8.7 J	**1120 J**	3.2 J
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20151215	N	T	JC10723	12/15/2015	307000	1.3 J	2.4 J	**752 J**	**7.4 J**
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20150929X	FD	T	JC4978A	9/29/2015	80900	2.5 JB	2.7 J	**2740**	**6.9**
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20150929	N	T	JC4978A	9/29/2015	84400	2.8 JB	2.7 J	**2690**	**5.9**
WELL	SHALLOW	132-P3A-MW3	132-P3A-MW3-15.0-20180424	N	T	JC64822	4/24/2018	-	-	-	-	-
WELL	SHALLOW	132-P3A-MW3	132-P3A-MW3-11.0-20180424	N	T	JC64822	4/24/2018	-	-	-	-	-
WELL	SHALLOW	132-P3A-MW4	132-P3A-MW4-13.0-20180424	N	T	JC64822	4/24/2018	-	-	-	-	-
WELL	SHALLOW	132-P3A-MW4	132-P3A-MW4-17.0-20180424X	FD	T	JC64822	4/24/2018	-	-	-	-	-
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20161216	N	T	JC33887	12/16/2016	507000	4.9 J	< 2.4 U	275	**< 23 U**
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160913X	FD	T	JC27486	9/13/2016	416000	4.9 J	2.8 J	**10200**	**< 23 U**
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160913	N	T	JC27486	9/13/2016	421000	5.1 J	2.5 J	**9510**	**< 23 U**
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160616	N	T	JC22356	6/16/2016	224000	5.2 J	16.6	**5440**	**< 11 U**
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160324	N	T	JC16937	3/24/2016	337000	8.0 J	< 12 UJ	**941**	**< 11 U**
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20161216X	FD	T	JC33887	12/16/2016	236000	1.1 J	3.1 J	**833**	**< 11 U**
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20161216	N	T	JC33887	12/16/2016	245000	0.90 J	3.3 J	**886**	**< 11 U**
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160913	N	T	JC27486	9/13/2016	171000	3.8 J	3.3 J	**3530**	2.5 J
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160615	N	T	JC22273	6/15/2016	165000	3.9 J	3.8 J	**681 J**	2.8 J
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160324	N	T	JC16937	3/24/2016	201000	3.8 J	< 12 UJ	**2240**	**< 11 U**
WELL	SHALLOW	135-MW2A	135-MW2A-6.0-20180423	N	T	JC64763	4/23/2018	-	1.0 J	< 3.2 U	**23400**	-
WELL	SHALLOW	135-MW2A	135-MW2A-10.0-20180423	N	T	JC64763	4/23/2018	-	1.0 J	3.3 J	**12400**	-
WELL	SHALLOW	135-MW2A	135-MW2A-14.0-20180423	N	T	JC64763	4/23/2018	-	1.0 J	3.6 J	**1700**	-
WELL	SHALLOW	135-MW2A	135-MW2A-14.7	N	T	JC5499	10/6/2015	95200	1.0 J	6.4 J	**9430**	**13.5**
WELL	SHALLOW	135-MW2A	135-MW2A-12.5	N	T	JC5499	10/6/2015	74600	0.70 J	6.6 J	**6460**	4.7
WELL	SHALLOW	135-MW2A	135-MW2A-8.5	N	T	JC5499	10/6/2015	80800	1.6 J	8.5 J	**9520**	**9.1**
WELL	SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	N	T	JC64763	4/23/2018	166000	5.0 J	3.5 J	**1700**	< 2.6 U
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20160615	N	T	JC22273	6/15/2016	632000	7.6 J	7.0 J	**168000 J**	**< 46 U**
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20160321	N	T	JC16664	3/21/2016	553000	< 3.5 U	13.8	**105000**	**< 23 U**
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20151216	N	T	JC10831	12/16/2015	786000	12.9 J	29.9 J	**239000**	**< 46 U**
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20150930	N	T	JC5099A	9/30/2015	758000	4.8 J	< 1.9 U	**182000**	**13.7 J**

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Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
							CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
							GWQS	N/A	100	1300	300	5
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160615X	FD	T	JC22273	6/15/2016	650000	< 14 U	< 2.4 U	**72300 J**	**< 46 U**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160615	N	T	JC22273	6/15/2016	656000	< 14 U	6.5 J	**106000 J**	**< 46 U**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160321	N	T	JC16664	3/21/2016	738000	< 3.5 U	57.2	**134000**	**< 57 U**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20151216	N	T	JC10831	12/16/2015	623000	< 2.7 U	18.5 J	**66500**	**< 46 U**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20150930	N	T	JC5099A	9/30/2015	961000	< 2.7 U	< 9.3 U	**114000**	**< 23 U**
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160620	N	T	JC22555	6/20/2016	164000	1.2 J	3.4 J	**6520**	3.5
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160318X	FD	T	JC16549	3/18/2016	138000	1.4 J	6.9 J	**3320 J**	**11.1 J**
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160318	N	T	JC16549	3/18/2016	145000	1.1 J	4.4 J	**1780 J**	2.9 J
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20151214	N	T	JC10593	12/14/2015	172000	0.70 J	13.8 JB	**12400**	3.7
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20150928	N	T	JC4872A	9/28/2015	175000	1.2 J	< 1.9 U	**19300**	< 2.3 U
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-083016	N	T	JC26754	8/30/2016	386000	1.4 J	< 2.4 U	< 12 U	< 2.3 U
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-060316	N	T	JC21504	6/3/2016	398000	< 0.69 U	3.1 J	18.1 J	**< 6.9 U**
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-022516	N	T	JC14874	2/25/2016	376000	1.7 J	21.0 JB	39.1 J	**< 6.9 U**
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-111715	N	T	JC8703	11/17/2015	239000	1.5 J	18.9 JB	32.3 J	**< 6.9 U**
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-083016	N	T	JC26754	8/30/2016	211000	0.80 J	< 2.4 U	< 12 U	< 2.3 U
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-060316	N	T	JC21504	6/3/2016	270000	< 0.69 U	< 2.4 UJ	23.3 J	< 4.6 U
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-022516	N	T	JC14874	2/25/2016	198000	1.6 J	21.0 JB	51.3 J	< 2.3 U
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-111715	N	T	JC8703	11/17/2015	310000	1.3 J	9.7 JB	33.2 J	< 4.6 U
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-083016	N	T	JC26754	8/30/2016	219000	< 0.69 U	< 2.4 U	< 12 U	< 2.3 U
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-060316	N	T	JC21504	6/3/2016	257000	< 0.69 U	< 2.4 UJ	22.9 J	< 2.3 U
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-022516	N	T	JC14874	2/25/2016	327000	1.3 J	9.7 JB	< 21 U	< 4.6 U
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-111715	N	T	JC8703	11/17/2015	226000	1.0 J	< 1.9 UB	23.5 J	< 4.6 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-20171221	N	D	JC57864	12/21/2017	146000	< 50 U	< 10 U	< 100 U	**< 9.0 U**
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-20171221	N	T	JC57864	12/21/2017	165000	< 50 U	< 10 U	**788**	**< 9.0 U**
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-083016	N	T	JC26754	8/30/2016	85900	4.3 J	< 2.4 U	< 12 U	< 2.3 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-060316	N	T	JC21504	6/3/2016	120000	8.0 J	< 4.8 UJ	**337**	< 4.6 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-022516	N	T	JC14874	2/25/2016	129000	7.6 J	16.6 JB	184 J	< 4.6 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-111715	N	T	JC8703	11/17/2015	109000	2.7 J	< 1.9 UB	39.0 J	**< 12 U**
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-20171221	N	D	JC57859	12/21/2017	133000	< 50 U	< 10 U	< 100 U	< 3.0 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-20171221	N	T	JC57859	12/21/2017	135000	< 50 U	< 10 U	< 100 U	< 3.0 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-DUP-20171221	FD	D	JC57859	12/21/2017	133000	< 50 U	< 10 U	< 100 U	< 3.0 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-DUP-20171221	FD	T	JC57859	12/21/2017	136000	< 50 U	< 10 U	< 100 U	< 3.0 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-083016	N	T	JC26754	8/30/2016	173000	1.1 J	7.8 J	< 12 U	< 2.3 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-060316	N	T	JC21504	6/3/2016	142000	< 0.69 U	16.0 J	13.9 J	**< 6.9 U**
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-022516	N	T	JC14874	2/25/2016	87800	< 0.54 U	18.4 JB	< 21 U	< 2.3 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-111715	N	T	JC8703	11/17/2015	341000	1.8 J	22.4 JB	139	**< 12 U**
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-20171221	N	D	JC57864	12/21/2017	138000	< 50 U	< 10 U	< 100 U	**< 9.0 U**
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-20171221	N	T	JC57864	12/21/2017	136000	< 50 U	< 10 U	**1120**	**< 9.0 U**
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-083016	N	T	JC26754	8/30/2016	263000	0.90 J	< 2.4 U	< 12 U	< 2.3 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-060316	N	T	JC21504	6/3/2016	369000	< 0.69 U	< 2.4 UJ	74.1 J	**< 11 U**
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-022516	N	T	JC14874	2/25/2016	398000	1.0 J	9.8 JB	184	**< 12 U**
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-111715	N	T	JC8703	11/17/2015	238000	1.5 J	< 1.9 UB	**439**	< 4.6 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-20171221	N	D	JC57859	12/21/2017	63900	< 50 U	< 10 U	< 100 U	< 3.0 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-20171221	N	T	JC57859	12/21/2017	64800	< 50 U	< 10 U	157	< 3.0 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-083016	N	T	JC26754	8/30/2016	53400	< 0.69 U	< 2.4 U	< 12 U	< 2.3 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-060316	N	T	JC21504	6/3/2016	64500	< 0.69 U	< 2.4 UJ	116	< 2.3 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-022516	N	T	JC14874	2/25/2016	60100	0.90 J	9.0 JB	108	< 2.3 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-111715	N	T	JC8703	11/17/2015	47500	0.80 J	< 1.9 UB	**414**	< 2.3 U
WELL	SHALLOW	GPS-MW5S	GPS-MW5S-20180130	N	D	JC59976	1/30/2018	29200	< 100 U	< 20 U	**< 1000 U**	**< 6.0 U**

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							CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
							GWQS	N/A	100	1300	300	5
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	GPS-MW5S	GPS-MW5S-20180130	N	T	JC59976	1/30/2018	30600	< 100 U	< 20 U	**8000**	**< 6.0 U**
WELL	SHALLOW	GPS-MW7S	GPS-MW7S-20171221	N	D	JC57864	12/21/2017	125000	< 50 U	< 10 U	< 100 U	< 3.0 U
WELL	SHALLOW	GPS-MW7S	GPS-MW7S-20171221	N	T	JC57864	12/21/2017	127000	< 50 U	< 10 U	**2740**	< 3.0 U
WELL	SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-20161219	N	T	JC33993	12/19/2016	548000	5.9 J	< 24 U	**4790**	**< 23 U**
WELL	SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-20160617	N	T	JC22504	6/17/2016	748000	**161 J**	824	**296000**	**102**
WELL	SHALLOW	HSS-P3C-MW2S	HSS-P3C-MW2S-20161215	N	T	JC33793	12/15/2016	480000	4.8 J	6.0 J	**3300**	**< 23 U**
WELL	SHALLOW	HSS-P3C-MW2S	HSS-P3C-MW2S-20160616	N	T	JC22356	6/16/2016	82900	1.1 J	5.0 J	**832**	**< 11 U**
WELL	SHALLOW	MW-34	MW34-20151214-15.5	N	T	JC10597	12/14/2015	94200	< 0.54 U	9.9 J	**1780**	**8.8**
WELL	SHALLOW	MW-34	MW34-20151214-10.5	N	T	JC10597	12/14/2015	89600	< 0.54 U	16.9 J	**2240**	**8.8**
WELL	SHALLOW	MW7S	MW7S-10.2-20150930	N	T	JC5098A	9/30/2015	237000	< 0.54 UB	10.2 J	**43300**	**6.4**
WELL	SHALLOW	MW7S	MW7S-7.2-20150930	N	T	JC5098A	9/30/2015	238000	2.9 JB	14.7 J	**42200**	**11.3**
WELL	SHALLOW	MW8S	MW8S-9.5-20151001	N	T	JC5237A	10/1/2015	61400	0.60 J	11.5 J	**11800**	4.0
WELL	SHALLOW	MW-Morris1A	114-MW-MORRIS1A-20160321	N	T	JC16664	3/21/2016	386000	< 3.5 U	11.8	**2700**	**< 11 U**
SOILBORE	N/A	114-P1C-PZ1-S1	114-P1C-PZ1-W1-31.0-33.0	N	T	JC29542	10/12/2016	400000	98.0 J	421	**245000**	**180**
SOILBORE	N/A	114-P1C-PZ1-S1	114-P1C-PZ1-W1-24.0-26.0	N	T	JC29542	10/12/2016	544000	**749**	**3860**	**1940000**	**546**
SOILBORE	N/A	114-P1C-PZ1-S2	114-P1C-PZ1-W2-27.0-29.0	N	T	JC29754	10/14/2016	678000	90.5 J	255	**162000**	**189**
SOILBORE	N/A	114-P1C-PZ1-S2	114-P1C-PZ1-W2-24.0-26.0	N	T	JC29754	10/14/2016	113000	8.6 J	32.6	**14900**	**12.4**
SOILBORE	N/A	114-P1C-PZ2-S1	114-P1C-PZ2-W1-25.0-27.0	N	T	JC29434	10/11/2016	28900	51.5 J	280	**127000**	**462**
SOILBORE	N/A	114-P1C-PZ2-S1	114-P1C-PZ2-W1-16.5-17.5	N	T	JC29434	10/11/2016	166000	**310 J**	**2140**	**982000**	**1050**
SOILBORE	N/A	114-P1C-PZ2-S2	114-P1C-PZ2-W2-31.0-33.0	N	T	JC29606	10/13/2016	511000	96.0 J	309	**221000**	**298**
SOILBORE	N/A	114-P1C-PZ2-S2	114-P1C-PZ2-W2-25.0-27.0	N	T	JC29606	10/13/2016	202000	**261 J**	955	**572000**	**669**
WELL	INTERMEDIATE	10W-MW105I	10W-MW105I-20180312	N	T	JC62130	3/12/2018	444000	6.9 J	14.7	**1470**	< 2.6 U
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20160623	N	T	JC22854	6/23/2016	149000	11.8 J	35.8	**4000**	**< 11 U**
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20160322	N	T	JC16738	3/22/2016	111000	15.5 J	9.2 J	**3850**	**< 23 U**
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20151214	N	T	JC10593	12/14/2015	107000	18.4 J	5.5 JB	**3360**	**< 12 U**
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20150924	N	T	JC4675A	9/24/2015	116000	21.3 J	5.1 J	**4130**	**< 23 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20180129	N	D	JC59916	1/29/2018	132000	**< 250 U**	< 50 U	**2050**	**< 15 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20180129	N	T	JC59916	1/29/2018	98700	**< 250 U**	< 50 U	**3510**	**< 15 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20160623	N	T	JC22854	6/23/2016	48200	7.5 J	13.3	**1520**	**< 11 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20160321	N	T	JC16664	3/21/2016	42100	< 6.9 U	8.3 J	**637**	**< 23 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20151214	N	T	JC10593	12/14/2015	50900	4.3 J	34.3 J	**2790**	**< 58 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20150924	N	T	JC4675A	9/24/2015	60200	6.6 J	6.5 J	**679**	**< 23 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20180129	N	D	JC59916	1/29/2018	69500	**< 500 U**	< 100 U	**< 1000 U**	**< 90 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20180129	N	T	JC59916	1/29/2018	74600	**< 500 U**	< 100 U	**< 1000 U**	**< 90 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20160623	N	T	JC22854	6/23/2016	81000	< 0.69 U	< 24 U	**737**	**< 92 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20160322	N	T	JC16738	3/22/2016	75200	43.0 J	< 48 U	**521 J**	**< 46 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20151214	N	T	JC10593	12/14/2015	67300	< 0.54 U	112 J	265	**< 58 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20150924	N	T	JC4675A	9/24/2015	69500	6.3 J	12.2 J	238 J	**< 12 U**
WELL	INTERMEDIATE	114-MW20B	114-MW20B-20180419	N	T	JC64571	4/19/2018	12000 J	< 3.6 U	< 320 U	< 160 U	**< 260 U**
WELL	INTERMEDIATE	114-MW20B	114-MW20B-36.0-20151001	N	T	JC5237A	10/1/2015	6990	8.7 J	< 1.9 U	245	**< 12 U**
WELL	INTERMEDIATE	114-MW22B	114-MW22B-20180419	N	D	JC64571	4/19/2018	133000	< 0.72 U	< 3.2 U	< 32 U	< 2.6 U
WELL	INTERMEDIATE	114-MW22B	114-MW22B-20180419	N	T	JC64571	4/19/2018	151000	< 0.72 U	< 3.2 U	**790**	< 2.6 U
WELL	INTERMEDIATE	114-MW24B	114-MW24B-20180312	N	T	JC62130	3/12/2018	137000	1.3 J	5.4 J	**609**	4.3
WELL	INTERMEDIATE	114-MW25B	114-MW25B-20170928	N	T	JC52029	9/28/2017	56300	< 0.72 U	< 3.2 U	61.4 J	< 2.6 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313X	FD	D	JC62228	3/13/2018	95300	< 0.72 U	< 3.2 U	< 32 U	< 2.6 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313X	FD	T	JC62228	3/13/2018	97500	< 0.72 U	5.2 J	**821 J**	< 2.6 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313	N	D	JC62228	3/13/2018	94900	< 0.72 U	< 3.2 U	< 32 U	< 2.6 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313	N	T	JC62228	3/13/2018	110000	2.4 J	6.7 J	**3240 J**	< 2.6 U
WELL	INTERMEDIATE	114-MW27B	114-MW27B-20170928	N	T	JC52029	9/28/2017	82300	1.9 J	8.4 J	**3300**	4.7

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
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Garfield Avenue Group of Sites
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								CALCIUM	COBALT	COPPER	IRON	LEAD
							Analyte	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
							CAS RN	N/A	100	1300	300	5
							GWQS	ug/L	ug/L	ug/L	ug/L	ug/L
							Units					
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	FD	T	JC56729A	12/6/2017	240000	16.4 J	70.3	**538**	**< 13 U**
WELL	INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	N	T	JC56729A	12/6/2017	239000	17.0 J	71.0	**634**	**< 13 U**
WELL	INTERMEDIATE	114-MW36B	114-MW36B-20170927	N	T	JC51890	9/27/2017	94800	8.6 J	31.0	**15300**	**23.0**
WELL	Intermediate	114-MW37B	114-MW37B-20170926	N	T	JC51824	9/26/2017	125000	< 0.72 U	< 3.2 U	**2470**	< 2.6 U
WELL	Intermediate	114-MW38B	FORREST-114-MW38B-20171204	N	T	JC56504A	12/4/2017	56200	< 0.72 U	8.4 J	**1860**	**6.1**
WELL	INTERMEDIATE	114-MW41B	114-MW41B-20180420	N	T	JC64643	4/20/2018	104000	28.0 J	< 160 U	282 J	**< 130 U**
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20180129	N	D	JC59916	1/29/2018	166000	**< 250 U**	< 50 U	**< 500 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20180129	N	T	JC59916	1/29/2018	166000	**< 250 U**	< 50 U	**< 500 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160617X	FD	T	JC22504	6/17/2016	123000	12.1 J	30.6 JB	24.1 J	< 2.3 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160617	N	T	JC22504	6/17/2016	122000	12.0 J	30.1 JB	38.8 J	< 2.3 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160317	N	T	JC16446	3/17/2016	131000	16.9 J	21.4	177	< 2.3 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20151211	N	T	JC10525	12/11/2015	122000	24.1 J	30.3	149	< 2.3 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20150921	N	T	JC4371A	9/21/2015	130000	28.2 J	38.0	25.6 J	< 2.3 U
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-ARC	N	D	JC59556	1/23/2018	163000	**< 250 U**	< 50 U	**< 500 U**	**< 75 U**
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-ARC	N	T	JC59556	1/23/2018	151000	**< 250 U**	< 50 U	**< 500 U**	**< 75 U**
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20160621	N	T	JC22642	6/21/2016	161000	35.8 J	51.4 J	138 J	**< 46 U**
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20160323	N	T	JC16843	3/23/2016	149000	31.2 J	23.7 J	116 J	**< 57 U**
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20151216	N	T	JC10831	12/16/2015	136000	35.5 J	47.1 J	**451**	**< 46 U**
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20150922	N	T	JC4452A	9/22/2015	135000	17.6 J	54.4 J	119	**< 23 U**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-ARC	N	D	JC59556	1/23/2018	22100	< 100 U	< 20 U	**359**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-ARC	N	T	JC59556	1/23/2018	24200	< 100 U	21.6	**1070**	**< 6.0 U**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20160916	N	T	JC27812	9/16/2016	164000	54.8 J	38.0	< 120 U	**< 110 U**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20160323	N	T	JC16843	3/23/2016	133000	53.0 J	< 24 U	230 J	**< 110 U**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20151216	N	T	JC10831	12/16/2015	109000	63.5	< 93 U	197	**< 120 U**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20150924	N	T	JC4675A	9/24/2015	108000	42.0 J	141 J	**< 520 U**	**< 120 U**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I	N	D	JC59556	1/23/2018	18000	**115**	21.4	**665**	**25.8**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I	N	T	JC59556	1/23/2018	16800	97.9	24.0	**1400**	**24.2**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20160620	N	T	JC22555	6/20/2016	15200	**107**	25.1	**927**	**< 23 U**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20160316	N	T	JC16336	3/16/2016	15900 J	78.6 J	< 12 U	**1210**	**19.4**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20151211	N	T	JC10525	12/11/2015	11300	**109**	14.0 JB	**612**	**13.1 J**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20150923	N	T	JC4555A	9/23/2015	15300	40.8 J	10.1 JB	**910**	**6.2**
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-ARC	N	D	JC59745	1/25/2018	307000	< 50 U	10.4	**505**	**< 15 U**
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-ARC	N	T	JC59745	1/25/2018	330000	< 50 U	11.6	**654**	**< 15 U**
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160912	N	T	JC27433	9/12/2016	339000	20.7 J	41.8	**366**	< 4.6 U
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160624	N	T	JC22933	6/24/2016	304000	23.5 J	46.5	**1060**	< 4.6 U
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160325	N	T	JC17054	3/25/2016	117000	14.8 J	16.2	**581**	4.1
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20151211	N	T	JC10525	12/11/2015	124000	18.1 J	30.7	244	3.5
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20150923	N	T	JC4555A	9/23/2015	122000	11.4 JB	15.9 JB	137 JB	< 2.3 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-ARC	N	D	JC59745	1/25/2018	391000	< 50 U	< 10 U	**1750**	**< 15 U**
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-ARC	N	T	JC59745	1/25/2018	395000	< 50 U	< 10 U	**1860**	**< 15 U**
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160912	N	T	JC27433	9/12/2016	104000	16.4 J	12.3	**469**	2.9 J
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160624	N	T	JC22933	6/24/2016	109000	17.1 J	17.6	**1000**	**5.5**
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160325	N	T	JC17054	3/25/2016	252000	18.9 J	36.6	288	**5.5**
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20151211	N	T	JC10525	12/11/2015	84800	18.2 J	15.5 JB	**493**	4.1
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20150923	N	T	JC4555A	9/23/2015	152000	17.5 JB	19.2 JB	217 JB	4.5
WELL	INTERMEDIATE	114-P1-IRM-1	114-P1-IRM-1-20180116	N	D	JC58932	1/16/2018	170000	**< 250 U**	< 50 U	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-1	114-P1-IRM-1-20180116	N	T	JC58932	1/16/2018	126000	**< 250 U**	93.0	**29600**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-10I	114-P1-IRM-10I	N	D	JC59745	1/25/2018	93500	< 100 U	< 20 U	< 200 U	**< 120 U**
WELL	INTERMEDIATE	114-P1-IRM-10I	114-P1-IRM-10I	N	T	JC59745	1/25/2018	99200	< 100 U	< 20 U	**808**	**< 30 U**

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PPG, Jersey City, New Jersey

							Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
							CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
							GWQS	N/A	100	1300	300	5
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-IRM-11	114-P1-IRM-11-20180118	N	D	JC59349	1/18/2018	119000	**< 250 U**	116	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-11	114-P1-IRM-11-20180118	N	T	JC59349	1/18/2018	123000	**< 250 U**	132	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-12	114-P1-IRM-12-20180118	N	D	JC59349	1/18/2018	112000	**< 250 U**	144	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-12	114-P1-IRM-12-20180118	N	T	JC59349	1/18/2018	121000	**< 250 U**	161	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-13	114-P1-IRM-13-20180116	N	D	JC58932	1/16/2018	222000	**< 250 U**	384	**< 13000 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-13	114-P1-IRM-13-20180116	N	T	JC58932	1/16/2018	220000	**< 250 U**	377	**< 13000 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-14	114-P1-IRM-14-20180116	N	D	JC58932	1/16/2018	79300	**< 250 U**	65.5	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-14	114-P1-IRM-14-20180116	N	T	JC58932	1/16/2018	84500	**< 250 U**	132	**23500**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-15	114-P1-IRM-15-20180122	N	D	JC59495	1/22/2018	73000	< 100 U	29.6	< 200 U	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-15	114-P1-IRM-15-20180122	N	T	JC59495	1/22/2018	76200	< 100 U	38.0	**309**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-16	114-P1-IRM-16-20180116	N	D	JC58932	1/16/2018	181000	**< 250 U**	276	**< 10000 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-16	114-P1-IRM-16-20180116	N	T	JC58932	1/16/2018	171000	**< 250 U**	256	**< 10000 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-17	114-P1-IRM-17-20180122	N	D	JC59495	1/22/2018	860000	**< 250 U**	< 50 U	190	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-17	114-P1-IRM-17-20180122	N	T	JC59495	1/22/2018	851000	**< 250 U**	78.8	**804**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-18I	114-P1-IRM-18I-20180118	N	D	JC59349	1/18/2018	66400	**< 250 U**	< 50 U	**< 500 U**	**< 75 U**
WELL	INTERMEDIATE	114-P1-IRM-18I	114-P1-IRM-18I-20180118	N	T	JC59349	1/18/2018	68300	**< 250 U**	< 50 U	**< 500 U**	**< 75 U**
WELL	INTERMEDIATE	114-P1-IRM-19I	114-P1-IRM-19I-20180117	N	D	JC59023	1/17/2018	75300	**< 250 U**	< 50 U	**< 500 U**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-19I	114-P1-IRM-19I-20180117	N	T	JC59023	1/17/2018	75300	**< 250 U**	< 50 U	**614**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-2	114-P1-IRM-2-20180116	N	D	JC58932	1/16/2018	194000	**< 250 U**	< 50 U	**< 10000 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-2	114-P1-IRM-2-20180116	N	T	JC58932	1/16/2018	202000	**< 250 U**	< 50 U	**< 10000 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-20I	114-P1-IRM-20I-20180117	N	D	JC59023	1/17/2018	45300	< 50 U	< 10 U	142	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-20I	114-P1-IRM-20I-20180117	N	T	JC59023	1/17/2018	43300	< 50 U	< 10 U	**2150**	3.2
WELL	INTERMEDIATE	114-P1-IRM-21I	114-P1-IRM-21I-20180118	N	D	JC59349	1/18/2018	312000	**< 250 U**	< 10 U	**28900**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-21I	114-P1-IRM-21I-20180118	N	T	JC59349	1/18/2018	300000	**< 250 U**	< 10 U	**38700**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-22I	114-P1-IRM-22I-20180118	N	D	JC59349	1/18/2018	59500	< 50 U	14.2	201	**< 6.0 U**
WELL	INTERMEDIATE	114-P1-IRM-22I	114-P1-IRM-22I-20180118	N	T	JC59349	1/18/2018	60800	< 100 U	27.0	**1870**	**< 12 U**
WELL	INTERMEDIATE	114-P1-IRM-24I	114-P1-IRM-24I-20180118	N	D	JC59349	1/18/2018	51800	< 100 U	< 20 U	< 200 U	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-24I	114-P1-IRM-24I-20180118	N	T	JC59349	1/18/2018	50300	< 100 U	< 20 U	**866**	**< 30 U**
WELL	INTERMEDIATE	114-P1-IRM-25I	114-P1-IRM-25I-20180118	N	D	JC59349	1/18/2018	70000	< 50 U	24.4	**1260**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-25I	114-P1-IRM-25I-20180118	N	T	JC59349	1/18/2018	69600	< 50 U	28.9	**2290**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-26I	114-P1-IRM-26I-20180118	N	D	JC59349	1/18/2018	115000	< 50 U	< 10 U	**7800**	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-26I	114-P1-IRM-26I-20180118	N	T	JC59349	1/18/2018	114000	< 50 U	< 10 U	**9220**	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-27I	114-P1-IRM-27I-20180122	N	D	JC59495	1/22/2018	< 25000 U	**< 250 U**	248	**< 500 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-27I	114-P1-IRM-27I-20180122	N	T	JC59495	1/22/2018	< 25000 U	**< 250 U**	282	**683**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-28I	114-P1-IRM-28I-20180118	N	D	JC59349	1/18/2018	15300	< 50 U	91.8	227	**160**
WELL	INTERMEDIATE	114-P1-IRM-28I	114-P1-IRM-28I-20180118	N	T	JC59349	1/18/2018	15100	< 50 U	222	274	**146**
WELL	INTERMEDIATE	114-P1-IRM-29I	114-P1-IRM-29I-20180118	N	D	JC59349	1/18/2018	35300	< 50 U	< 10 U	**997**	**30.6**
WELL	INTERMEDIATE	114-P1-IRM-29I	114-P1-IRM-29I-20180118	N	T	JC59349	1/18/2018	33400	< 50 U	49.7	**3470**	**49.9**
WELL	INTERMEDIATE	114-P1-IRM-3	114-P1-IRM-3-20180124	N	D	JC59667	1/24/2018	70800	< 50 U	< 10 U	138	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-3	114-P1-IRM-3-20180124	N	T	JC59667	1/24/2018	67100	< 50 U	11.4	**912**	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-20180122	N	D	JC59495	1/22/2018	< 25000 U	**< 250 U**	242	**< 500 U**	**187**
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-20180122	N	T	JC59495	1/22/2018	28000	**< 250 U**	297	**1220**	**289**
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-DUP-20180122	FD	D	JC59495	1/22/2018	25200	**< 250 U**	261	**< 500 U**	**193**
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-DUP-20180122	FD	T	JC59495	1/22/2018	27100	**< 250 U**	274	**1190**	**263**
WELL	INTERMEDIATE	114-P1-IRM-31I	114-P1-IRM-31I-20180119	N	D	JC59431	1/19/2018	22200	< 50 U	< 10 U	124	< 3.0 U
WELL	INTERMEDIATE	114-P1-IRM-31I	114-P1-IRM-31I-20180119	N	T	JC59431	1/19/2018	22800	< 100 U	< 20 U	**8550**	**11.6**
WELL	INTERMEDIATE	114-P1-IRM-32I	114-P1-IRM-32I-20180122	N	D	JC59495	1/22/2018	56700	**< 250 U**	< 50 U	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-32I	114-P1-IRM-32I-20180122	N	T	JC59495	1/22/2018	67400	**< 250 U**	< 50 U	**6460**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-33I	114-P1-IRM-33I-20180124	N	D	JC59667	1/24/2018	< 50000 U	**< 500 U**	575	**< 1000 U**	**246**

Appendix L.2
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						Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
						CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
						GWQS	N/A	100	1300	300	5
						Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-IRM-33I	114-P1-IRM-33I-20180124	N	T	JC59667	1/24/2018	< 50000 U	**< 500 U**	591	**1540**	**235**
WELL	INTERMEDIATE	114-P1-IRM-34I	114-P1-IRM-34I	N	D	JC59745	1/25/2018	< 25000 U	**< 250 U**	472	**< 500 U**	**235**
WELL	INTERMEDIATE	114-P1-IRM-34I	114-P1-IRM-34I	N	T	JC59745	1/25/2018	< 25000 U	**< 250 U**	469	**920**	**225**
WELL	INTERMEDIATE	114-P1-IRM-35I	114-P1-IRM-35I-20180122	N	D	JC59495	1/22/2018	83000	**< 250 U**	< 50 U	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-35I	114-P1-IRM-35I-20180122	N	T	JC59495	1/22/2018	80800	**< 250 U**	53.0	**< 500 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-36D	114-P1-IRM-36D-20180124	N	D	JC59667	1/24/2018	47100	**< 250 U**	< 50 U	**< 500 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-36D	114-P1-IRM-36D-20180124	N	T	JC59667	1/24/2018	51900	**< 250 U**	< 50 U	**< 500 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-36I	114-P1-IRM-36I-20180124	N	D	JC59667	1/24/2018	72200	**< 250 U**	172	**< 500 U**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-36I	114-P1-IRM-36I-20180124	N	T	JC59667	1/24/2018	68900	**< 250 U**	160	**1590**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-37I	114-P1-IRM-37I-20180117	N	D	JC59023	1/17/2018	45500	< 50 U	< 10 U	< 100 U	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-37I	114-P1-IRM-37I-20180117	N	T	JC59023	1/17/2018	43300	< 50 U	11.1	131	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-38	114-P1-IRM-38-20180126	N	D	JC59838	1/26/2018	125000	< 50 U	< 10 U	**912**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-38	114-P1-IRM-38-20180126	N	T	JC59838	1/26/2018	122000	< 50 U	35.1	**4700**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-39	114-P1-IRM-39-20180126	N	D	JC59838	1/26/2018	435000	**< 250 U**	< 10 U	**7630**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-39	114-P1-IRM-39-20180126	N	T	JC59838	1/26/2018	406000	**< 250 U**	32.7	**19300**	**< 15 U**
WELL	INTERMEDIATE	114-P1-IRM-40I	114-P1-IRM-40I-20180117	N	D	JC59023	1/17/2018	98100	**< 250 U**	304	**< 2500 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-40I	114-P1-IRM-40I-20180117	N	T	JC59023	1/17/2018	84500	**< 250 U**	263	**7510**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-41I	114-P1-IRM-41I-20180126	N	D	JC59838	1/26/2018	27500	**< 250 U**	87.0	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-41I	114-P1-IRM-41I-20180126	N	T	JC59838	1/26/2018	30700	**< 250 U**	104	**3800**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-42I	114-P1-IRM-42I-20180126	N	D	JC59838	1/26/2018	415000	**< 250 U**	536	**< 500 U**	**< 75 U**
WELL	INTERMEDIATE	114-P1-IRM-42I	114-P1-IRM-42I-20180126	N	T	JC59838	1/26/2018	414000	**< 250 U**	531	**< 500 U**	**< 75 U**
WELL	INTERMEDIATE	114-P1-IRM-4I	114-P1-IRM-4I-20180124	N	D	JC59667	1/24/2018	288000	**< 500 U**	**< 2000 U**	**< 1000 U**	**< 600 U**
WELL	INTERMEDIATE	114-P1-IRM-4I	114-P1-IRM-4I-20180124	N	T	JC59667	1/24/2018	291000	**< 500 U**	**< 2000 U**	**1130**	**< 600 U**
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-20180123	N	D	JC59556	1/23/2018	75300	**< 250 U**	1180	**< 500 U**	**520**
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-20180123	N	T	JC59556	1/23/2018	184000	**< 250 U**	1190	**114000**	**561**
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	N	T	JC58073A	12/27/2017	129000	1.6 J	4.1 J	**8240**	< 2.6 U
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	N	T	JC58073A	12/27/2017	148000	1.5 J	3.5 J	**11400**	< 2.6 U
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	N	T	JC58028A	12/26/2017	134000	1.7 J	3.2 J	**6950**	< 2.6 U
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	N	T	JC58028A	12/26/2017	132000	2.2 J	4.7 J	**7020**	< 2.6 U
WELL	INTERMEDIATE	114-P1-IRM-6	114-P1-IRM-6-20180116	N	D	JC58932	1/16/2018	221000	**< 250 U**	55.0	**< 13000 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-6	114-P1-IRM-6-20180116	N	T	JC58932	1/16/2018	258000	**< 250 U**	71.0	**< 13000 U**	**< 380 U**
WELL	INTERMEDIATE	114-P1-IRM-7	114-P1-IRM-7-20180124	N	D	JC59667	1/24/2018	146000	< 100 U	< 20 U	**< 1000 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-7	114-P1-IRM-7-20180124	N	T	JC59667	1/24/2018	146000	< 100 U	20.8	**3860**	**< 150 U**
WELL	INTERMEDIATE	114-P1-IRM-8	114-P1-IRM-8-20180116	N	D	JC58932	1/16/2018	156000	**< 250 U**	139	**< 10000 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-8	114-P1-IRM-8-20180116	N	T	JC58932	1/16/2018	136000	**< 250 U**	121	**< 10000 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-9	114-P1-IRM-9-20180116	N	D	JC58932	1/16/2018	169000	**< 250 U**	< 50 U	**< 10000 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-IRM-9	114-P1-IRM-9-20180116	N	T	JC58932	1/16/2018	159000	**< 250 U**	< 50 U	**< 10000 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-MW-1I	114-P1-MW-1I-20180129	N	D	JC59916	1/29/2018	110000	**< 500 U**	< 100 U	**< 1000 U**	**< 90 U**
WELL	INTERMEDIATE	114-P1-MW-1I	114-P1-MW-1I-20180129	N	T	JC59916	1/29/2018	107000	**< 500 U**	< 100 U	**2060**	**< 90 U**
WELL	INTERMEDIATE	114-P1-MW-2D	114-P1-MW2D-20180119	N	D	JC59431	1/19/2018	152000	< 50 U	< 10 U	**2150**	< 3.0 U
WELL	INTERMEDIATE	114-P1-MW-2D	114-P1-MW2D-20180119	N	T	JC59431	1/19/2018	157000	< 50 U	< 10 U	**5950**	< 3.0 U
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	N	T	JC58942	1/16/2018	165000	32.0 J	19.3	**2020**	2.6 J
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	N	T	JC58942	1/16/2018	167000	26.4 J	15.8	**1940**	< 2.6 U
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	N	T	JC58942	1/16/2018	164000	21.3 J	13.4	**2380**	2.6 J
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	N	T	JC58942	1/16/2018	169000	10.3 J	5.1 J	**2440**	< 2.6 U
WELL	INTERMEDIATE	114-P1-MW-3I	114-P1-MW-3I-20180126	N	D	JC59838	1/26/2018	129000	< 100 U	159	< 200 U	**7.6**
WELL	INTERMEDIATE	114-P1-MW-3I	114-P1-MW-3I-20180126	N	T	JC59838	1/26/2018	124000	< 100 U	170	**6900**	**9.6**
WELL	INTERMEDIATE	114-P1-MW-4I	114-P1-MW-4I-20180126	N	D	JC59838	1/26/2018	83600	**< 250 U**	563	**< 500 U**	**< 75 U**
WELL	INTERMEDIATE	114-P1-MW-4I	114-P1-MW-4I-20180126	N	T	JC59838	1/26/2018	80700	**< 250 U**	648	**4030**	**< 75 U**

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							Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
							CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
							GWQS	N/A	100	1300	300	5
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-MW-5I	114-P1-MW-5I-20180123	N	D	JC59667	1/23/2018	205000	< 50 U	< 10 U	**17800**	< 3.0 U
WELL	INTERMEDIATE	114-P1-MW-5I	114-P1-MW-5I-20180123	N	T	JC59667	1/23/2018	205000	< 50 U	< 10 U	**19200**	< 3.0 U
WELL	INTERMEDIATE	114-P1-MW-6I	114-P1-MW6I-20180119	N	D	JC59431	1/19/2018	< 25000 U	**< 250 U**	< 1000 U	**< 500 U**	**< 300 U**
WELL	INTERMEDIATE	114-P1-MW-6I	114-P1-MW6I-20180119	N	T	JC59431	1/19/2018	< 50000 U	**< 500 U**	< 1000 U	**33700**	**325**
WELL	INTERMEDIATE	114-P1-MW-7I	114-P1-MW7I-20180125	N	D	JC59745	1/25/2018	14700	< 100 U	< 100 U	**< 1000 U**	**< 150 U**
WELL	INTERMEDIATE	114-P1-MW-7I	114-P1-MW7I-20180125	N	T	JC59745	1/25/2018	19100	**131**	88.0	**4600**	**< 150 U**
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20180130	N	D	JC59976	1/30/2018	723000	< 50 U	< 10 U	**38600**	**< 15 U**
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20180130	N	T	JC59976	1/30/2018	667000	< 50 U	< 10 U	**44900**	**< 15 U**
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20161212	N	T	JC33522	12/12/2016	41800	0.70 J	< 2.4 U	**1240**	< 4.6 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160914	N	T	JC27595	9/14/2016	71100	4.6 J	12.5	**9010**	**6.3**
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160628	N	T	JC23103	6/28/2016	59300	0.90 J	8.1 J	**1120**	< 2.3 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160324	N	T	JC16953	3/24/2016	60200	< 3.5 U	< 12 UJ	**1120**	**< 11 U**
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20161219	N	T	JC33991	12/19/2016	333000	1.3 J	< 4.8 U	**14000**	**< 23 U**
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160914	N	T	JC27595	9/14/2016	344000	0.90 J	< 2.4 U	**12800**	< 2.3 U
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160628	N	T	JC23103	6/28/2016	122000	0.80 J	< 2.4 U	**1170**	< 2.3 U
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160324	N	T	JC16953	3/24/2016	198000	< 3.5 U	< 12 UJ	**10400**	**15.0**
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20161214	N	T	JC33691	12/14/2016	100000	7.0 J	17.2 J	**17100**	**26.4**
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160915	N	T	JC27716	9/15/2016	89400	2.3 J	4.5 J	**4540**	3.0
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160627	N	T	JC23029	6/27/2016	53000	1.1 J	7.2 J	**3040**	4.6
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160325X	FD	T	JC17059	3/25/2016	99100 J	13.3 J	28.1 J	**26900 J**	**27.2 J**
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160325	N	T	JC17059	3/25/2016	88300 J	7.7 J	15.9 J	**15200 J**	**14.5 J**
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20161219	N	T	JC33991	12/19/2016	877000	2.7 J	< 12 U	**1810**	**< 11 U**
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160915	N	T	JC27716	9/15/2016	803000	2.6 J	4.1 J	**4220**	**< 11 U**
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160629X	FD	T	JC23208	6/29/2016	581000	2.7 J	184 J	**4230**	**< 11 U**
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160629	N	T	JC23208	6/29/2016	606000	< 3.5 U	22.4 J	**5060**	**< 11 U**
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160325	N	T	JC17059	3/25/2016	481000 J	< 3.5 U	< 12 UJ	**4260 J**	**< 11 UJ**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-ARC	N	D	JC59556	1/23/2018	813000	**< 250 U**	62.6	**38800**	**< 75 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-ARC	N	T	JC59556	1/23/2018	801000	**< 250 U**	68.2	**49000**	**< 75 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20160620	N	T	JC22555	6/20/2016	198000	**321**	**2020**	**1370**	**< 230 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20160322	N	T	JC16738	3/22/2016	247000	**682 J**	**2290 J**	**1000 J**	**< 57 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20151216X	FD	T	JC10831	12/16/2015	218000	**380**	**1890 J**	268	**< 1200 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20151216	N	T	JC10831	12/16/2015	218000	**385**	**1750 J**	250	**< 1200 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20150925	N	T	JC4798A	9/25/2015	150000	**153**	926 J	142 J	**< 230 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20180130	N	D	JC59976	1/30/2018	299000	**< 500 U**	< 500 U	**< 5000 U**	**< 1500 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20180130	N	T	JC59976	1/30/2018	261000	**< 500 U**	< 500 U	**< 1000 U**	**< 1500 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160620	N	T	JC22555	6/20/2016	147000	25.2 J	< 24 U	239	**< 230 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160323X	FD	T	JC16843	3/23/2016	139000	20.0 J	< 24 U	263 J	**< 110 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160323	N	T	JC16843	3/23/2016	128000	20.2 J	< 24 U	**1420 J**	**< 110 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20151216	N	T	JC10831	12/16/2015	157000	54.4	< 190 U	127	**< 230 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20150925	N	T	JC4798A	9/25/2015	135000	11.5 J	< 190 U	< 100 U	**< 230 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW-101I-20180119	N	D	JC59431	1/19/2018	< 25000 U	**< 250 U**	< 500 U	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW-101I-20180119	N	T	JC59431	1/19/2018	< 25000 U	**< 250 U**	< 500 U	**< 500 U**	**< 150 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20160622	N	T	JC22758	6/22/2016	12500	20.4 J	49.4 J	155 J	**< 46 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20160323	N	T	JC16843	3/23/2016	5800 J	60.4 J	41.2 J	**313 J**	**< 110 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20151216	N	T	JC10831	12/16/2015	7530	32.7 J	197 J	**< 520 U**	**< 120 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20150925	N	T	JC4798A	9/25/2015	8580	91.2	231 J	< 100 U	**< 230 U**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I	N	D	JC59556	1/23/2018	< 25000 U	**< 250 U**	730	**< 500 U**	**269**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I	N	T	JC59556	1/23/2018	< 25000 U	**< 250 U**	785	**640**	**< 300 U**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160621X	FD	T	JC22642	6/21/2016	22700	29.4 J	176 J	**2760**	**< 92 U**

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

						Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
						CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
						GWQS	N/A	100	1300	300	5
						Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160621	N	T	JC22642	6/21/2016	21300	27.6 J	302 J	**2310**	**< 92 U**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160323	N	T	JC16843	3/23/2016	28500 J	48.2 J	497	**1220 J**	**156**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20151216	N	T	JC10831	12/16/2015	35400	96.1	614	**488**	**< 230 U**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20150928	N	T	JC4872A	9/28/2015	39300	**253**	974	**5620**	**< 120 U**
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I	N	D	JC59745	1/25/2018	20800	< 50 U	< 10 U	**395**	< 3.0 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I	N	T	JC59745	1/25/2018	22100	< 50 U	< 10 U	**5160**	< 3.0 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20160621	N	T	JC22642	6/21/2016	25400	2.3 J	21.2 J	**626**	< 2.3 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20160322	N	T	JC16738	3/22/2016	22400	21.0 J	< 24 U	**959**	**< 23 U**
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20151216	N	T	JC10831	12/16/2015	20800	24.6 J	< 9.3 U	**1280**	**49.8 J**
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20150925	N	T	JC4798A	9/25/2015	24400	6.8 J	26.1 J	**714**	**< 23 U**
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I	N	D	JC59556	1/23/2018	68200	< 50 U	< 10 U	**4310**	< 3.0 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I	N	T	JC59556	1/23/2018	68800	< 50 U	< 10 U	**5900**	< 3.0 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160622	N	T	JC22758	6/22/2016	84400	0.70 J	< 2.4 U	**6340**	< 2.3 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160622X	FD	T	JC22758	6/22/2016	100000	< 0.69 U	< 2.4 U	**5920**	< 2.3 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160316	N	T	JC16336	3/16/2016	224000	< 3.5 U	< 12 U	**5000**	**< 11 U**
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20151210	N	T	JC10380	12/10/2015	240000	0.80 J	3.4 J	**5660**	**< 23 U**
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20150928	N	T	JC4872A	9/28/2015	235000	1.4 J	2.8 J	**5430**	**< 12 U**
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20160617	N	T	JC22504	6/17/2016	129000	2.7 J	< 2.4 UB	**28900**	< 2.3 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20160317	N	T	JC16446	3/17/2016	113000	2.7 J	< 2.4 U	**22700**	< 2.3 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20151215	N	T	JC10723	12/15/2015	142000	2.7 J	2.1 J	**27300 J**	< 2.3 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20150929	N	T	JC4978A	9/29/2015	121000	2.2 JB	3.4 J	**1570**	< 2.3 U
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20160616	N	T	JC22356	6/16/2016	9940	1.3 J	4.0 J	176	< 2.3 U
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20160318	N	T	JC16549	3/18/2016	125000	4.0 J	< 2.4 U	109 JB	< 2.3 UJ
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20151215	N	T	JC10723	12/15/2015	136000	< 0.54 U	10.5 J	299 J	**13.1 J**
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20150930	N	T	JC5099A	9/30/2015	103000	14.6 J	111	**460**	**< 12 U**
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20160616	N	T	JC22356	6/16/2016	80300	< 0.69 U	5.7 J	78.2 J	< 2.3 U
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20160318	N	T	JC16549	3/18/2016	62500	0.80 J	3.6 J	81.3 J	< 2.3 UJ
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20151215-X	FD	T	JC10723	12/15/2015	85600	0.90 J	8.9 J	**684 J**	2.7 J
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20151215	N	T	JC10723	12/15/2015	86300	0.90 J	6.6 J	**1000 J**	< 2.3 U
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20150929	N	T	JC4978A	9/29/2015	68600	< 0.54 UB	3.7 J	**837**	< 2.3 U
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20161215	N	T	JC33793	12/15/2016	82300	< 0.69 U	< 2.4 U	**5330**	4.2
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160913	N	T	JC27486	9/13/2016	86900	1.4 J	4.1 J	**5640**	< 2.3 U
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160616	N	T	JC22356	6/16/2016	87500	7.5 J	19.0	**6150**	**< 11 U**
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160324	N	T	JC16937	3/24/2016	87800	< 3.5 U	< 12 UJ	**3730**	**< 11 U**
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20161216	N	T	JC33887	12/16/2016	64700 J	0.90 J	< 2.4 U	**5600**	3.7
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160913	N	T	JC27486	9/13/2016	66500	< 0.69 U	< 2.4 U	**3200**	< 2.3 U
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160615	N	T	JC22273	6/15/2016	63300	< 0.69 U	< 2.4 U	**2970 J**	2.3 J
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160324	N	T	JC16937	3/24/2016	65900	< 3.5 U	< 12 UJ	**2080**	**< 11 U**
WELL	INTERMEDIATE	135-MW2B	135-MW2B-30.5	N	T	JC5499	10/6/2015	49900	0.60 J	8.3 J	**3280**	**9.4**
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20160624	N	T	JC22939	6/24/2016	37900	< 0.69 U	5.9 J	**784**	< 2.3 U
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20160323	N	T	JC16843	3/23/2016	71600	0.70 J	< 2.4 U	**1610 J**	5.0
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20151218	N	T	JC11088	12/18/2015	77000	< 0.54 U	10.8	**1710**	< 4.6 U
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20150930	N	T	JC5099A	9/30/2015	90100	1.7 J	< 1.9 U	**954**	< 2.3 U
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20160615	N	T	JC22273	6/15/2016	61100	< 0.69 U	< 2.4 U	**934 J**	< 2.3 U
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20160321	N	T	JC16664	3/21/2016	75400	< 0.69 U	< 2.4 U	**1180**	2.5 J
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20151216	N	T	JC10831	12/16/2015	78600	< 0.54 U	2.1 J	**1160**	< 4.6 U
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20150930X	FD	T	JC5099A	9/30/2015	81700	1.3 J	< 1.9 U	**1320**	< 2.3 U
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20150930	N	T	JC5099A	9/30/2015	84300	1.4 J	12.4 J	**1200**	< 2.3 U
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20160620	N	T	JC22555	6/20/2016	87600	1.3 J	< 2.4 U	**398**	3.4

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						Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
						CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
						GWQS	N/A	100	1300	300	5
						Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20160318	N	T	JC16549	3/18/2016	82800	1.1 J	< 2.4 U	133 J	3.0 J
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20151214	N	T	JC10593	12/14/2015	88000	0.70 J	6.5 JB	**1430**	**< 12 U**
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20150928	N	T	JC4872A	9/28/2015	79900	5.6 J	4.1 J	**801**	**< 12 U**
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-100616	N	T	JC29150	10/6/2016	226000	4.1 J	< 2.4 U	< 12 UB	**< 11 U**
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-071216	N	T	JC23920	7/12/2016	238000	4.6 J	< 2.4 U	14.1 J	**< 11 U**
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-040616	N	T	JC17755	4/6/2016	266000	7.7 J	< 2.4 U	29.3 J	**< 11 U**
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-010616	N	T	JC12114	1/6/2016	231000	13.1 J	< 1.9 U	33.7 J	**< 12 U**
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-100616	N	T	JC29150	10/6/2016	158000	2.0 J	< 2.4 UB	< 12 UB	< 2.3 U
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-071216	N	T	JC23920	7/12/2016	185000	2.2 J	< 2.4 U	45.4 J	**< 11 U**
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-040616	N	T	JC17755	4/6/2016	239000	3.8 J	13.1	50.6 J	**< 11 U**
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-010616	N	T	JC12114	1/6/2016	105000	17.8 J	40.3	61.3 J	4.7
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-100616	N	T	JC29150	10/6/2016	42100	2.2 J	< 2.4 UB	**340**	**< 11 U**
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-071216	N	T	JC23920	7/12/2016	17800	3.5 J	< 2.4 U	**320**	**< 11 U**
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-040616	N	T	JC17755	4/6/2016	12100	4.0 J	< 2.4 U	**325**	**< 11 U**
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-010616	N	T	JC12114	1/6/2016	13300	6.4 J	< 1.9 U	219	**< 6.9 U**
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-100616	N	T	JC29150	10/6/2016	508000	1.5 J	< 2.4 U	**46900**	**< 23 U**
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-071216	N	T	JC23920	7/12/2016	19200	10.7 J	< 2.4 U	148	**< 11 U**
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-040616	N	T	JC17755	4/6/2016	397000	< 3.5 U	< 2.4 U	**41400**	**< 57 U**
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-010616	N	T	JC12114	1/6/2016	118000	2.5 J	8.7 J	**2380**	**< 23 U**
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-100616	N	T	JC29150	10/6/2016	228000	43.5 J	19.0 JB	**316 J**	**< 11 U**
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-071216	N	T	JC23920	7/12/2016	162000	42.4 J	< 4.8 U	**421**	**< 23 U**
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-040616	N	T	JC17755	4/6/2016	68900	42.2 J	< 4.8 U	**703**	**< 92 U**
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-010616	N	T	JC12114	1/6/2016	16800	10.8 J	< 1.9 U	57.2 J	**< 12 U**
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-100616	N	T	JC29150	10/6/2016	86700	4.6 J	< 2.4 UB	151 JB	**< 11 U**
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-071216	N	T	JC23920	7/12/2016	61600	6.3 J	< 2.4 U	128	**< 11 U**
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-040616	N	T	JC17755	4/6/2016	23000	5.0 J	< 2.4 U	153	**< 23 U**
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-010616	N	T	JC12114	1/6/2016	15800	5.0 J	< 1.9 U	222	**< 12 U**
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-100616	N	T	JC29150	10/6/2016	24500	2.0 J	< 2.4 UB	< 12 UB	**< 11 U**
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-071216	N	T	JC23920	7/12/2016	471000	0.90 J	< 2.4 U	**53500**	**< 11 U**
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-040616	N	T	JC17755	4/6/2016	13700	8.7 J	< 2.4 U	271	**< 11 U**
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-010616	N	T	JC12114	1/6/2016	15700	6.5 J	< 1.9 U	**375**	**< 12 U**
WELL	INTERMEDIATE	GPS-MW2I	GPS-MW2I-20180131	N	D	JC60035	1/31/2018	167000	**< 250 U**	474	**< 500 U**	**< 75 U**
WELL	INTERMEDIATE	GPS-MW2I	GPS-MW2I-20180131	N	T	JC60035	1/31/2018	166000	**< 250 U**	470	**< 500 U**	**< 75 U**
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131	N	D	JC60035	1/31/2018	166000	< 100 U	134	< 200 U	**< 6.0 U**
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131	N	T	JC60035	1/31/2018	165000	< 100 U	134	**726**	**< 6.0 U**
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131-DUP	FD	D	JC60035	1/31/2018	167000	< 100 U	134	< 200 U	**< 6.0 U**
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131-DUP	FD	T	JC60035	1/31/2018	168000	< 100 U	138	**824**	**< 6.0 U**
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-20180131	N	D	JC60035	1/31/2018	232000	< 50 U	< 10 U	< 100 U	**< 30 U**
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-20180131	N	T	JC60035	1/31/2018	286000	**< 250 U**	50.0	**29600**	**29.0**
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-100616	N	T	JC29150	10/6/2016	130000	4.5 J	14.7 JB	**1920**	**< 11 U**
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-071216	N	T	JC23920	7/12/2016	129000	10.0 J	< 4.8 U	**5970**	**< 23 U**
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-040616	N	T	JC17755	4/6/2016	160000	46.0 J	56.2	**80200**	**71.4**
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-010616	N	T	JC12114	1/6/2016	101000	9.8 J	22.3	**15500**	**16.3**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-20180130	N	D	JC59976	1/30/2018	17700	< 100 U	< 20 U	< 200 U	**< 120 U**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-20180130	N	T	JC59976	1/30/2018	51800	**< 250 U**	< 50 U	**601**	**< 75 U**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-100616	N	T	JC29150	10/6/2016	200000	< 3.5 U	72.5	< 62 U	**< 11 U**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-071216	N	T	JC23920	7/12/2016	313000	4.5 J	43.0 J	85.5 J	**< 23 U**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-040616	N	T	JC17755	4/6/2016	531000	6.0 J	61.0	< 25 U	**< 46 U**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-010616	N	T	JC12114	1/6/2016	595000	4.6 J	51.4	23.9 J	**< 23 U**

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
							CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
							GWQS	N/A	100	1300	300	5
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-100616	N	T	JC29150	10/6/2016	198000	59.6	< 2.4 U	< 12 UB	**< 11 U**
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-071216	N	T	JC23920	7/12/2016	223000	52.8	< 2.4 U	27.0 J	**< 11 U**
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-040616	N	T	JC17755	4/6/2016	398000	36.6 J	< 2.4 U	< 12 U	**< 23 U**
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-010616	N	T	JC12114	1/6/2016	575000	13.9 J	10.8 J	65.7 J	**< 12 U**
WELL	INTERMEDIATE	MW7D	MW7D-45.0-20180423	N	T	JC64763	4/23/2018	148000	0.90 J	< 3.2 U	**5750**	< 2.6 U
WELL	INTERMEDIATE	MW7D	MW7D-41.0-20180423	N	T	JC64763	4/23/2018	147000	1.1 J	< 3.2 U	**6300**	< 2.6 U
WELL	INTERMEDIATE	MW7D	MW7D-45.5-20150930X	FD	T	JC5098A	9/30/2015	147000	5.0 JB	19.4 J	**15400**	**9.0**
WELL	INTERMEDIATE	MW7D	MW7D-45.5-20150930	N	T	JC5098A	9/30/2015	138000	6.1 J	19.9 J	**16200**	**9.8**
WELL	INTERMEDIATE	MW7D	MW7D-40.5-20150930	N	T	JC5098A	9/30/2015	146000	< 0.54 UB	< 1.9 U	**9870**	4.1
WELL	INTERMEDIATE	MW8D	MW8D-46.5-20150929	N	T	JC4976A	9/29/2015	292000	< 2.7 U	19.1 J	**1080**	**< 12 U**
WELL	INTERMEDIATE	MW8D	MW8D-41.5-20150929	N	T	JC4976A	9/29/2015	191000	< 2.7 U	7.5 J	**346**	**13.5 J**
WELL	DEEP	114-MW20C	114-MW20C-20180419	N	T	JC64571	4/19/2018	111000	< 0.72 U	18.7	**2750**	< 2.6 U
WELL	DEEP	114-MW20C	114-MW20C-78.5-20151001	N	T	JC5237A	10/1/2015	147000	1.0 J	13.8 J	**3260**	4.6
WELL	DEEP	114-MW25C-2	114-MW25C-20180313	N	D	JC62228	3/13/2018	95900	7.8 J	< 3.2 U	< 32 U	< 2.6 U
WELL	DEEP	114-MW25C-2	114-MW25C-20180313	N	T	JC62228	3/13/2018	137000	24.5 J	38.5 J	**36400**	**22.0**
WELL	DEEP	114-P1B-MW103D	114-P1B-MW103D-20171214X	FD	T	JC57385	12/14/2017	154000	< 3.6 U	< 16 U	**1270 J**	**< 66 U**
WELL	DEEP	114-P1B-MW103D	114-P1B-MW103D-20171214	N	T	JC57385	12/14/2017	149000	< 3.6 U	< 16 U	**1610 J**	**< 66 U**
WELL	DEEP	114-P1-IRM-10D	114-P1-IRM-10D	N	D	JC59745	1/25/2018	147000	< 100 U	< 20 U	< 200 U	**< 60 U**
WELL	DEEP	114-P1-IRM-10D	114-P1-IRM-10D	N	T	JC59745	1/25/2018	146000	< 100 U	< 20 U	< 200 U	**< 60 U**
WELL	DEEP	114-P1-IRM-18D	114-P1-IRM-18D-20180118	N	D	JC59349	1/18/2018	85300	**< 250 U**	< 50 U	**< 500 U**	**< 75 U**
WELL	DEEP	114-P1-IRM-18D	114-P1-IRM-18D-20180118	N	T	JC59349	1/18/2018	82000	**< 250 U**	< 50 U	**< 500 U**	**< 75 U**
WELL	DEEP	114-P1-IRM-19D	114-P1-IRM-19D-20180117	N	D	JC59023	1/17/2018	30000	< 100 U	< 20 U	< 200 U	**< 12 U**
WELL	DEEP	114-P1-IRM-19D	114-P1-IRM-19D-20180117	N	T	JC59023	1/17/2018	29600	< 100 U	< 20 U	**460**	**< 12 U**
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20D-20180117	N	D	JC59023	1/17/2018	166000	< 50 U	< 10 U	199	< 3.0 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20D-20180117	N	T	JC59023	1/17/2018	169000	< 50 U	< 10 U	**535**	< 3.0 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20B-20180117-DUP	FD	D	JC59023	1/17/2018	168000	< 50 U	< 10 U	206	< 3.0 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20B-20180117-DUP	FD	T	JC59023	1/17/2018	180000	< 50 U	< 10 U	**650**	< 3.0 U
WELL	DEEP	114-P1-IRM-21D	114-P1-IRM-21D-20180118	N	D	JC59349	1/18/2018	75100	**< 250 U**	< 50 U	**< 500 U**	**< 45 U**
WELL	DEEP	114-P1-IRM-21D	114-P1-IRM-21D-20180118	N	T	JC59349	1/18/2018	69800	**< 250 U**	< 50 U	**< 500 U**	**< 45 U**
WELL	DEEP	114-P1-IRM-22D	114-P1-IRM-22D-20180118	N	D	JC59349	1/18/2018	115000	< 100 U	417	< 200 U	**< 30 U**
WELL	DEEP	114-P1-IRM-22D	114-P1-IRM-22D-20180118	N	T	JC59349	1/18/2018	119000	< 100 U	431	< 200 U	**< 30 U**
WELL	DEEP	114-P1-IRM-23D	114-P1-IRM-23D-20180124	N	D	JC59667	1/24/2018	< 50000 U	**< 500 U**	**< 2000 U**	**< 1000 U**	**< 600 U**
WELL	DEEP	114-P1-IRM-23D	114-P1-IRM-23D-20180124	N	T	JC59667	1/24/2018	< 50000 U	**< 500 U**	**< 2000 U**	**< 1000 U**	**< 600 U**
WELL	DEEP	114-P1-IRM-24D	114-P1-IRM-24D-20180119	N	D	JC59431	1/19/2018	57400	**< 250 U**	< 50 U	**< 500 U**	**< 75 U**
WELL	DEEP	114-P1-IRM-24D	114-P1-IRM-24D-20180119	N	T	JC59431	1/19/2018	56600	**< 250 U**	< 50 U	**759**	**< 75 U**
WELL	DEEP	114-P1-IRM-25D	114-P1-IRM-25D-20180118	N	D	JC59349	1/18/2018	75800	**< 250 U**	1010	**< 500 U**	**128**
WELL	DEEP	114-P1-IRM-25D	114-P1-IRM-25D-20180118	N	T	JC59349	1/18/2018	66800	**< 250 U**	878	**667**	**117**
WELL	DEEP	114-P1-IRM-26D	114-P1-IRM-26D-20180119	N	D	JC59431	1/19/2018	43000	**< 250 U**	< 1000 U	**< 10000 U**	**362**
WELL	DEEP	114-P1-IRM-26D	114-P1-IRM-26D-20180119	N	T	JC59431	1/19/2018	48400	**< 250 U**	< 1000 U	**< 10000 U**	**445**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-20180122	N	D	JC59495	1/22/2018	37600	< 100 U	< 20 U	< 200 U	**< 30 U**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-20180122	N	T	JC59495	1/22/2018	40900	< 100 U	< 20 U	274	**< 30 U**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	N	T	JC57943A	12/22/2017	38300	12.4 J	9.4 J	160 J	**< 26 U**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	N	T	JC57943A	12/22/2017	35500	15.2 J	10.0 J	272	**< 26 U**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	N	T	JC57820	12/21/2017	39300	6.6 J	15.2	261	**< 26 U**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	N	T	JC57820	12/21/2017	38500	6.8 J	14.6	147	**< 26 U**
WELL	DEEP	114-P1-IRM-28D	114-P1-IRM-28D-20180124	N	D	JC59667	1/24/2018	40100	< 50 U	19.0	< 100 U	**9.6**
WELL	DEEP	114-P1-IRM-28D	114-P1-IRM-28D-20180124	N	T	JC59667	1/24/2018	39600	< 50 U	21.1	< 100 U	**9.5**
WELL	DEEP	114-P1-IRM-29D	114-P1-IRM-29D-20180118	N	D	JC59349	1/18/2018	33700	**< 250 U**	317	**< 500 U**	**< 300 U**
WELL	DEEP	114-P1-IRM-29D	114-P1-IRM-29D-20180118	N	T	JC59349	1/18/2018	32500	**< 250 U**	307	**< 500 U**	**< 300 U**

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PPG, Jersey City, New Jersey

							Analyte	CALCIUM	COBALT	COPPER	IRON	LEAD
							CAS RN	7440-70-2	7440-48-4	7440-50-8	7439-89-6	7439-92-1
							GWQS	N/A	100	1300	300	5
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	DEEP	114-P1-IRM-30D	114-P1-IRM-30D-20180122	N	D	JC59495	1/22/2018	18500	< 50 U	< 10 U	**304**	< 3.0 U
WELL	DEEP	114-P1-IRM-30D	114-P1-IRM-30D-20180122	N	T	JC59495	1/22/2018	19200	< 50 U	< 10 U	**1480**	**7.1**
WELL	DEEP	114-P1-IRM-31D	114-P1-IRM-31D-20180119	N	D	JC59431	1/19/2018	27200	**< 250 U**	< 50 U	**< 500 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-31D	114-P1-IRM-31D-20180119	N	T	JC59431	1/19/2018	27800	**< 250 U**	< 50 U	**15500**	**17.5**
WELL	DEEP	114-P1-IRM-32D	114-P1-IRM-32D-20180122	N	D	JC59495	1/22/2018	6010	< 50 U	< 10 U	< 100 U	**< 9.0 U**
WELL	DEEP	114-P1-IRM-32D	114-P1-IRM-32D-20180122	N	T	JC59495	1/22/2018	12600	< 100 U	< 20 U	< 200 U	**< 30 U**
WELL	DEEP	114-P1-IRM-33D	114-P1-IRM-33D-20180124	N	D	JC59667	1/24/2018	< 50000 U	**< 500 U**	< 100 U	**< 1000 U**	**< 30 U**
WELL	DEEP	114-P1-IRM-33D	114-P1-IRM-33D-20180124	N	T	JC59667	1/24/2018	72500	**< 500 U**	< 100 U	**9620**	**< 30 U**
WELL	DEEP	114-P1-IRM-34D	114-P1-IRM-34D	N	D	JC59745	1/25/2018	68400	< 50 U	68.0	< 100 U	3.9
WELL	DEEP	114-P1-IRM-34D	114-P1-IRM-34D	N	T	JC59745	1/25/2018	69300	< 50 U	63.0	**370**	4.5
WELL	DEEP	114-P1-IRM-35D	114-P1-IRM-35D-20180122	N	D	JC59495	1/22/2018	80100	**< 250 U**	219	**< 500 U**	**< 380 U**
WELL	DEEP	114-P1-IRM-35D	114-P1-IRM-35D-20180122	N	T	JC59495	1/22/2018	78000	**< 250 U**	213	**2150**	**< 380 U**
WELL	DEEP	114-P1-IRM-37D	114-P1-IRM-37D-20180117	N	D	JC59023	1/17/2018	52900	**< 250 U**	< 50 U	**< 500 U**	**< 45 U**
WELL	DEEP	114-P1-IRM-37D	114-P1-IRM-37D-20180117	N	T	JC59023	1/17/2018	44600	**< 250 U**	< 50 U	**< 500 U**	**< 45 U**
WELL	DEEP	114-P1-IRM-40D	114-P1-IRM-40D-20180118	N	D	JC59349	1/18/2018	122000	**< 250 U**	< 50 U	**< 500 U**	**< 150 U**
WELL	DEEP	114-P1-IRM-40D	114-P1-IRM-40D-20180118	N	T	JC59349	1/18/2018	139000	**< 250 U**	< 50 U	**1400**	**< 150 U**
WELL	DEEP	114-P1-IRM-41D	114-P1-IRM-41D-20180126	N	D	JC59838	1/26/2018	80800	**< 250 U**	< 50 U	**< 500 U**	**< 15 U**
WELL	DEEP	114-P1-IRM-41D	114-P1-IRM-41D-20180126	N	T	JC59838	1/26/2018	75200	**< 250 U**	< 50 U	**1420**	**< 15 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126	N	D	JC59838	1/26/2018	225000	**< 500 U**	425	**< 1000 U**	**< 600 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126	N	T	JC59838	1/26/2018	233000	**< 500 U**	443	**< 1000 U**	**< 600 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126-DUP	FD	D	JC59838	1/26/2018	229000	**< 500 U**	426	**< 1000 U**	**< 600 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126-DUP	FD	T	JC59838	1/26/2018	228000	**< 500 U**	432	**< 1000 U**	**< 600 U**
WELL	DEEP	114-P1-IRM-4D	114-P1-IRM-4D-20180124	N	D	JC59667	1/24/2018	156000	**< 500 U**	< 100 U	**< 1000 U**	**< 150 U**
WELL	DEEP	114-P1-IRM-4D	114-P1-IRM-4D-20180124	N	T	JC59667	1/24/2018	157000	**< 500 U**	< 100 U	**1960**	**< 150 U**
WELL	DEEP	114-P1-IRM-5D	114-P1-IRM-5D-DUP-20180124	FD	D	JC59667	1/24/2018	129000	< 100 U	< 20 U	**< 1000 U**	**< 150 U**
WELL	DEEP	114-P1-IRM-5D	114-P1-IRM-5D-DUP-20180124	FD	T	JC59667	1/24/2018	144000	< 100 U	< 20 U	**< 1000 U**	**< 150 U**
WELL	DEEP	114-P1-IRM-5D	114-P1-MW-5I-20180124	N	D	JC59556	1/24/2018	44300	**< 250 U**	655	**< 500 U**	**117**
WELL	DEEP	114-P1-IRM-5D	114-P1-MW-5I-20180124	N	T	JC59556	1/24/2018	57800	**< 250 U**	714	**14700**	**101**
WELL	DEEP	114-P1-MW-1D	114-P1-MW-1D-20180129	N	D	JC59916	1/29/2018	143000	**< 500 U**	< 100 U	**< 1000 U**	**< 150 U**
WELL	DEEP	114-P1-MW-1D	114-P1-MW-1D-20180129	N	T	JC59916	1/29/2018	140000	**< 500 U**	< 100 U	**< 1000 U**	**< 150 U**
WELL	DEEP	114-P1-MW-4D	114-P1-MW-4D-20180126	N	D	JC59838	1/26/2018	99200	**< 250 U**	85.5	**< 500 U**	**< 30 U**
WELL	DEEP	114-P1-MW-4D	114-P1-MW-4D-20180126	N	T	JC59838	1/26/2018	98600	**< 250 U**	93.0	**< 500 U**	**< 30 U**
WELL	DEEP	114-P1-MW-5D	114-P1-MW-5D-20180123	N	D	JC59667	1/24/2018	129000	**< 500 U**	< 100 U	**< 1000 U**	**< 150 U**
WELL	DEEP	114-P1-MW-5D	114-P1-MW-5D-20180123	N	T	JC59667	1/24/2018	133000	**< 500 U**	< 100 U	**< 1000 U**	**< 150 U**
WELL	DEEP	114-P1-MW-6D	114-P1-MW-6D-20180119	N	D	JC59431	1/19/2018	63000	**< 250 U**	< 50 U	**< 500 U**	**< 15 U**
WELL	DEEP	114-P1-MW-6D	114-P1-MW-6D-20180119	N	T	JC59431	1/19/2018	66200	**< 250 U**	< 50 U	**611**	**< 15 U**
WELL	DEEP	114-P1-MW-7D	114-P1-MW7D-20180125	N	D	JC59745	1/25/2018	56400	< 100 U	< 20 U	< 200 U	**< 30 U**
WELL	DEEP	114-P1-MW-7D	114-P1-MW7D-20180125	N	T	JC59745	1/25/2018	63100	< 100 U	< 20 U	**736**	**< 30 U**
WELL	DEEP	137-MW2C	137-MW2C-20151214	N	T	JC10597	12/14/2015	213000	< 0.54 U	< 1.9 U	**991**	< 2.3 U
WELL	DEEP	MW6C	MC6C-20180129	N	D	JC59916	1/29/2018	313000	**< 250 U**	112	**< 500 U**	**< 15 U**
WELL	DEEP	MW6C	MC6C-20180129	N	T	JC59916	1/29/2018	307000	**< 250 U**	106	**733**	**< 15 U**
WELL	DEEP	MW6C	MW6C-57.0-20171220	N	T	JC57752	12/20/2017	307000	49.1 J	109	**499**	**13.4 J**
WELL	DEEP	MW6C	MW6C-62.0-20171220	N	T	JC57752	12/20/2017	319000	48.8 J	113	**961**	**20.9**
WELL	DEEP	MW6C	114-MW6C-20160321	N	T	JC16664	3/21/2016	139000	14.4 J	45.9	**1260**	4.6
WELL	DEEP	MW8F	MW8F-82.0-20151001	N	T	JC5237A	10/1/2015	155000	4.3 J	14.5 J	**9600**	**18.5**
WELL	DEEP	MW8F	MW8F-79.5-20151001	N	T	JC5237A	10/1/2015	176000	1.0 J	< 1.9 U	**2860**	**5.2**
WELL	Bedrock	114-MW16B	114-MW16B-20151214	N	T	JC10597	12/14/2015	36200	< 0.54 U	14.8 J	97.2 J	< 2.3 U

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							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160622	N	T	JC22758	6/22/2016	43700	**4340**	< 0.047 U	35000	**< 41 U**
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160314X	FD	T	JC16175	3/14/2016	39700	**3570**	< 0.047 U	27400	9.3 J
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160314	N	T	JC16175	3/14/2016	39300	**3270**	< 0.047 U	27500	6.3 J
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20151209	N	T	JC10220A	12/9/2015	45100	**5970**	< 0.069 U	42800	< 9.9 U
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20150921	N	T	JC4371A	9/21/2015	49300	**7670**	< 0.069 U	59800	< 9.9 U
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20160624	N	T	JC22939	6/24/2016	13700	**2460**	< 0.047 U	173000	< 20 U
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20160314	N	T	JC16175	3/14/2016	20100	**8470**	< 0.047 U	143000	< 20 U
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20151210	N	T	JC10380	12/10/2015	11800 J	**1870**	< 0.069 U	202000	< 16 U
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20150921	N	T	JC4371A	9/21/2015	24900	**5350**	< 0.069 U	215000	< 16 U
WELL	SHALLOW	114-MW15A	114-MW15A-20180417	N	D	JC64376	4/17/2018	4390 J	5.0 JB	< 0.13 U	7670 J	< 6.6 U
WELL	SHALLOW	114-MW15A	114-MW15A-20180417	N	T	JC64376	4/17/2018	4770 J	25.7	< 0.13 U	7710 J	< 6.6 U
WELL	SHALLOW	114-MW16A	114-MW16A-20151214-10.65	N	T	JC10597	12/14/2015	7610 J	**95.8**	< 0.069 U	6690 J	4.3 J
WELL	SHALLOW	114-MW20A	114-MW20A-8.0-20180420	N	T	JC64643	4/20/2018	4210 J	**79.5**	< 0.27 U	14400	7.8 J
WELL	SHALLOW	114-MW20A	114-MW20A-11.0-20180420	N	T	JC64643	4/20/2018	5770	**115**	< 0.27 U	12500	< 6.6 U
WELL	SHALLOW	114-MW20A	114-MW20A-12.5-20151001	N	T	JC5237A	10/1/2015	3580 J	49.8	< 0.069 U	26300	< 3.3 U
WELL	SHALLOW	114-MW20A	114-MW20A-10.5-20151001	N	T	JC5237A	10/1/2015	4980 J	**92.8**	< 0.069 U	21300	< 3.3 U
WELL	SHALLOW	114-MW22A	114-MW22A-11.0-20180419	N	T	JC64571	4/19/2018	31800	**1720**	< 0.13 U	14400	< 6.6 U
WELL	SHALLOW	114-MW22A	114-MW22A-16.0-20180419	N	T	JC64571	4/19/2018	30500	**1750**	< 0.13 U	14000	< 6.6 U
WELL	SHALLOW	114-MW24AR	114-MW24AR-20180502	N	T	JC65325	5/2/2018	67900	**3810**	< 0.13 U	26600	8.2 J
WELL	SHALLOW	114-MW25A	114-MW25A-20170926	N	T	JC51824	9/26/2017	27400	**781**	< 0.083 U	8180 J	< 6.6 U
WELL	SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	N	T	JC57565	12/18/2017	15000	**4370**	< 0.083 U	29100	< 6.6 U
WELL	SHALLOW	114-MW27A	114-MW27A-20170926	N	T	JC51824	9/26/2017	19500	**1960**	< 0.083 U	7980 J	< 6.6 U
WELL	SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	N	T	JC57565	12/18/2017	10500	**321**	< 0.083 U	7930 J	< 6.6 U
WELL	SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	N	T	JC56729A	12/6/2017	35400	**2350**	< 0.083 U	6250 J	< 6.6 U
WELL	SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	N	T	JC56859A	12/7/2017	10200	**3650**	< 0.10 UB	14200	< 6.6 U
WELL	SHALLOW	114-MW36A	114-MW36A-20170927-X	FD	T	JC51890	9/27/2017	324 J	10.2 J	< 0.083 U	39800	< 6.6 U
WELL	SHALLOW	114-MW36A	114-MW36A-20170927	N	T	JC51890	9/27/2017	360 J	9.9 J	< 0.083 U	41800	< 6.6 U
WELL	SHALLOW	114-MW37A	114-MW37A-20170928	N	T	JC52029	9/28/2017	18800	**5150**	< 0.083 U	10300	< 6.6 U
WELL	SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	N	T	JC56504A	12/4/2017	19600	**2700**	< 0.083 U	11200 J	< 13 U
WELL	SHALLOW	114-MW41A	114-MW41A-20180420	N	T	JC64643	4/20/2018	< 320 U	8.5 J	< 0.80 U	10400 J	**< 66 U**
WELL	SHALLOW	114-MW42A	114-MW42A-20180417	N	T	JC64376	4/17/2018	34600	**1360**	< 0.13 U	3550 J	< 6.6 U
WELL	SHALLOW	114-MW43A	114-MW43A-20180417	N	T	JC64376	4/17/2018	55500	**10700**	< 0.13 U	13400	< 13 U
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160916	N	T	JC27812	9/16/2016	< 85 U	< 0.39 U	< 0.047 U	56700	< 4.1 U
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160617	N	T	JC22504	6/17/2016	< 85 U	< 0.39 U	< 0.047 U	58400	5.2 J
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160317	N	T	JC16446	3/17/2016	261 J	8.0 J	< 0.047 U	84700	7.8 J
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20151209	N	T	JC10220A	12/9/2015	20800	**187**	< 0.069 U	5980 J	< 3.3 U
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20150921	N	T	JC4371A	9/21/2015	70.6 J	7.0 J	< 0.069 U	78200	3.6 J
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20160621	N	T	JC22642	6/21/2016	394 J	7.4 J	< 0.047 U	24200	6.4 J
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20160314	N	T	JC16175	3/14/2016	1070 J	33.1	< 0.047 U	12800	4.7 J
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20151209	N	T	JC10220A	12/9/2015	117 J	7.5 J	< 0.069 U	27000	< 3.3 U
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20150922	N	T	JC4452A	9/22/2015	< 49 U	< 0.18 U	< 0.069 U	26700	7.2 J
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20160916	N	T	JC27812	9/16/2016	26500	**247**	< 0.28 U	73000	8.2 J
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20160314	N	T	JC16175	3/14/2016	33200	**264**	0.074 J	66900	14.9
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20151210	N	T	JC10380	12/10/2015	40200 J	**474**	< 0.42 U	76600	11.9
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20150922	N	T	JC4452A	9/22/2015	44100	**381**	< 0.14 U	91700	8.6 J
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20160622	N	T	JC22758	6/22/2016	< 85 U	< 0.39 U	< 0.047 U	53700	20.7
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20160318	N	T	JC16549	3/18/2016	614 J	6.6 J	< 0.047 U	55500	6.5 J
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20151210	N	T	JC10380	12/10/2015	1240 J	**113**	< 0.069 U	68800	< 3.3 U
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20150922	N	T	JC4452A	9/22/2015	< 49 UB	30.0 J	< 0.069 U	76600	< 16 U

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20160621	N	T	JC22642	6/21/2016	< 85 U	< 0.39 U	< 0.047 U	61700	11.1
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20160322	N	T	JC16738	3/22/2016	< 85 U	14.1 J	< 0.047 U	69700	14.1
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20151211	N	T	JC10525	12/11/2015	73.1 J	28.6	< 0.069 U	66200	12.3
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20150922	N	T	JC4452A	9/22/2015	< 49 UB	32.5 J	< 0.069 U	62700	10.6
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20160620	N	T	JC22555	6/20/2016	40300	**3490**	< 0.047 U	39100	6.3 J
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20160316	N	T	JC16336	3/16/2016	40500	**3330**	< 0.047 U	34200 J	< 20 U
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20151211	N	T	JC10525	12/11/2015	36200	**3890**	< 0.069 U	43000	< 16 U
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20150923X	FD	T	JC4555A	9/23/2015	44700	**4530**	< 0.069 U	50600	< 33 U
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20150923	N	T	JC4555A	9/23/2015	44100	**4560**	< 0.069 U	50300	< 33 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20161212X	FD	T	JC33522	12/12/2016	277 J	5.0 J	< 0.047 UB	15200	< 4.1 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20161212	N	T	JC33522	12/12/2016	362 J	10.9 J	< 0.047 U	15600	< 4.1 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160914X	FD	T	JC27595	9/14/2016	467 J	16.1 J	< 0.047 UB	22900	< 4.1 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160914	N	T	JC27595	9/14/2016	373 J	14.2 J	< 0.047 UB	22200	< 4.1 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160628	N	T	JC23103	6/28/2016	61100	**29100**	< 0.047 U	18600	< 20 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160324	N	T	JC16953	3/24/2016	897 J	36.9 J	< 0.047 U	26800 J	< 20 U
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20161212	N	T	JC33522	12/12/2016	2460 J	**82.0**	< 0.047 UB	41100	< 4.1 U
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160914	N	T	JC27595	9/14/2016	1520 J	**67.8**	< 0.047 UB	48800	5.7 J
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160628	N	T	JC23103	6/28/2016	6370	**180**	< 0.047 U	52700	7.1 J
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160324	N	T	JC16953	3/24/2016	1410 J	41.2 J	< 0.047 U	46100 J	< 20 U
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20161213	N	T	JC33573	12/13/2016	207000	**38500**	0.064 J	97500	< 20 U
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160915	N	T	JC27716	9/15/2016	246000	**44400**	< 0.047 U	116000	**< 41 U**
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160627	N	T	JC23029	6/27/2016	257000	**43400**	< 0.047 U	109000	< 20 U
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160325	N	T	JC17059	3/25/2016	194000	**35100 J**	< 0.047 U	87800	< 20 U
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20161214	N	T	JC33691	12/14/2016	1720 J	32.0	< 0.047 U	27600	< 4.1 U
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160915	N	T	JC27716	9/15/2016	321 J	8.7 J	< 0.047 U	24400	< 4.1 U
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160629	N	T	JC23208	6/29/2016	3450 J	**145**	< 0.047 U	26100	10.6
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160325	N	T	JC17059	3/25/2016	2920 J	**104 J**	< 0.047 U	25200 J	< 20 U
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20160620	N	T	JC22555	6/20/2016	40500	**5050**	< 0.047 U	20100	< 12 U
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20160315	N	T	JC16239	3/15/2016	61900	**197**	< 0.047 U	21000	< 12 U
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20151210X	FD	T	JC10380	12/10/2015	62700 J	**16600**	< 0.069 U	32500	< 33 U
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20151210	N	T	JC10380	12/10/2015	63300 J	**17200**	< 0.069 U	33100	< 33 U
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20150922	N	T	JC4452A	9/22/2015	59600	**17100**	< 0.069 U	52400	< 33 U
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20160623	N	T	JC22854	6/23/2016	70000	**10100**	0.051 J	31700	< 20 U
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20160316	N	T	JC16336	3/16/2016	58700	**9680**	< 0.047 U	49400 J	< 20 U
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20151211	N	T	JC10525	12/11/2015	59400	**14400**	< 0.069 U	46000	< 16 U
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20150923	N	T	JC4555A	9/23/2015	66000	**14600**	< 0.069 U	59000	< 16 U
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20160623	N	T	JC22854	6/23/2016	53600	**7740**	< 0.047 U	50700	< 20 U
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20160316	N	T	JC16336	3/16/2016	69800	**10900**	< 0.047 U	28900 J	< 20 U
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20151211	N	T	JC10525	12/11/2015	50000	**8790**	< 0.069 U	57900	< 16 U
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20150923	N	T	JC4555A	9/23/2015	58900	**13100**	< 0.069 U	65900	22.9 J
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20160620	N	T	JC22555	6/20/2016	48300	**8260**	< 0.047 U	25600	6.7 J
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20160315	N	T	JC16239	3/15/2016	55000	**10500**	0.063 J	25900	< 12 U
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20151209	N	T	JC10220A	12/9/2015	71400	**15900**	< 0.069 U	40700	< 9.9 U
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20150921	N	T	JC4371A	9/21/2015	80400	**16100**	< 0.069 U	51700	< 33 U
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20160622	N	T	JC22758	6/22/2016	53600	**16500**	< 0.047 U	35100	**< 41 U**
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20160315	N	T	JC16239	3/15/2016	27800	**8460**	< 0.047 U	19800	6.8 J
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20151210	N	T	JC10380	12/10/2015	43800 J	**12000**	< 0.069 U	43700	< 33 U
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20150925	N	T	JC4798A	9/25/2015	54400	**16300**	< 0.069 U	50600	19.2 J
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20160621	N	T	JC22642	6/21/2016	243000	**51100**	< 0.047 U	73200	< 20 U

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PPG, Jersey City, New Jersey

							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20160316	N	T	JC16336	3/16/2016	329000	**62600**	< 0.047 U	89200	< 20 U
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20151210	N	T	JC10380	12/10/2015	338000 J	**77300**	< 0.069 U	112000	17.1 J
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20150928	N	T	JC4872A	9/28/2015	408000	**103000**	< 0.069 U	143000	**< 160 U**
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20160621	N	T	JC22642	6/21/2016	91600	**30700**	< 0.047 U	112000	< 20 U
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20160322	N	T	JC16738	3/22/2016	77000	**31900**	< 0.047 U	95700	< 20 U
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20151211	N	T	JC10525	12/11/2015	81800	**34600**	< 0.069 U	146000	26.5 J
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20150925	N	T	JC4798A	9/25/2015	85300	**30300**	< 0.069 U	245000	38.1 J
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20160622	N	T	JC22758	6/22/2016	122000	**56400**	< 0.047 U	76900	< 20 U
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20160316	N	T	JC16336	3/16/2016	136000	**50400**	< 0.047 U	70900	< 20 U
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20151210	N	T	JC10380	12/10/2015	203000 J	**80700**	< 0.069 U	112000	20.7 J
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20150928	N	T	JC4872A	9/28/2015	145000	**52200**	< 0.069 U	108000	30.2 J
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20160617	N	T	JC22504	6/17/2016	39600	**883**	< 0.047 U	10700	4.6 J
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20160317	N	T	JC16446	3/17/2016	36300	**756**	0.069 J	7510 J	4.7 J
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20151215	N	T	JC10723	12/15/2015	53500	**2550**	< 0.069 U	19200	6.2 J
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20150929	N	T	JC4978A	9/29/2015	53900	**2860**	< 0.069 U	20000	15.2
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20160616	N	T	JC22356	6/16/2016	111000	**41900**	< 0.047 U	61200	< 4.1 U
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20160318	N	T	JC16549	3/18/2016	18700	**454**	< 0.047 U	9610 J	< 4.1 U
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20151215	N	T	JC10723	12/15/2015	12400	**575**	< 0.069 U	14800	< 16 U
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20150930	N	T	JC5099A	9/30/2015	174000	**85300**	< 0.069 U	135000	< 33 U
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20160616	N	T	JC22356	6/16/2016	3370 J	**69.5**	< 0.047 U	5350 J	< 4.1 U
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20160318	N	T	JC16549	3/18/2016	11000	**398**	0.14 J	11400	< 4.1 U
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20151215	N	T	JC10723	12/15/2015	16200	**242**	< 0.069 U	10200	< 9.9 U
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20150929X	FD	T	JC4978A	9/29/2015	16600	**583**	< 0.069 U	19200	< 3.3 U
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20150929	N	T	JC4978A	9/29/2015	17300	**609**	< 0.069 U	20000	< 3.3 U
WELL	SHALLOW	132-P3A-MW3	132-P3A-MW3-15.0-20180424	N	T	JC64822	4/24/2018	-	-	0.19 J	-	-
WELL	SHALLOW	132-P3A-MW3	132-P3A-MW3-11.0-20180424	N	T	JC64822	4/24/2018	-	-	< 0.13 U	-	-
WELL	SHALLOW	132-P3A-MW4	132-P3A-MW4-13.0-20180424	N	T	JC64822	4/24/2018	-	-	< 0.27 U	-	-
WELL	SHALLOW	132-P3A-MW4	132-P3A-MW4-17.0-20180424X	FD	T	JC64822	4/24/2018	-	-	0.33 J	-	-
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20161216	N	T	JC33887	12/16/2016	62600	**5320**	< 0.047 U	56800	**< 41 U**
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160913X	FD	T	JC27486	9/13/2016	72000	**9550**	< 0.047 U	60900 J	10.2 J
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160913	N	T	JC27486	9/13/2016	73900	**8790**	< 0.047 U	62400 J	9.6 J
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160616	N	T	JC22356	6/16/2016	48300	**6180**	< 0.047 U	46200	5.2 J
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160324	N	T	JC16937	3/24/2016	72100 J	**7420**	< 0.047 U	53000 J	< 20 U
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20161216X	FD	T	JC33887	12/16/2016	34600	**1510**	< 0.047 UB	42200	< 20 U
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20161216	N	T	JC33887	12/16/2016	35900	**1520**	< 0.047 UB	43600	< 20 U
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160913	N	T	JC27486	9/13/2016	37600	**4590**	0.055 J	36700 J	< 4.1 U
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160615	N	T	JC22273	6/15/2016	30700 J	**4020**	< 0.047 U	38200 J	< 4.1 U
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160324	N	T	JC16937	3/24/2016	43100 J	**5230**	< 0.047 U	34500 J	< 20 U
WELL	SHALLOW	135-MW2A	135-MW2A-6.0-20180423	N	T	JC64763	4/23/2018	72400	**3470**	< 0.13 U	46400	< 6.6 U
WELL	SHALLOW	135-MW2A	135-MW2A-10.0-20180423	N	T	JC64763	4/23/2018	63800	**2510**	< 0.13 U	38300	< 6.6 U
WELL	SHALLOW	135-MW2A	135-MW2A-14.0-20180423	N	T	JC64763	4/23/2018	58000	**1030**	< 0.13 U	32000	< 6.6 U
WELL	SHALLOW	135-MW2A	135-MW2A-14.7	N	T	JC5499	10/6/2015	48500	**775**	< 0.069 U	30300	< 3.3 U
WELL	SHALLOW	135-MW2A	135-MW2A-12.5	N	T	JC5499	10/6/2015	24100	**648**	< 0.069 U	18300	< 3.3 U
WELL	SHALLOW	135-MW2A	135-MW2A-8.5	N	T	JC5499	10/6/2015	20700	**735**	< 0.069 U	17200	< 3.3 U
WELL	SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	N	T	JC64763	4/23/2018	37600	**1640**	< 0.13 U	28000	< 6.6 U
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20160615	N	T	JC22273	6/15/2016	99200 J	**38200**	< 0.047 U	97600 J	16.4 J
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20160321	N	T	JC16664	3/21/2016	66800	**21100**	< 0.047 U	88200	< 20 U
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20151216	N	T	JC10831	12/16/2015	124000	**67900**	< 0.069 U	87600	36.8 J
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20150930	N	T	JC5099A	9/30/2015	95200	**40500**	< 0.069 U	100000	29.2 J

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160615X	FD	T	JC22273	6/15/2016	113000 J	**26000**	< 0.047 U	82300 J	**< 81 U**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160615	N	T	JC22273	6/15/2016	151000 J	**28500**	< 0.047 U	115000 J	**< 81 U**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160321	N	T	JC16664	3/21/2016	196000	**38100**	< 0.047 U	130000	**40.2 J**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20151216	N	T	JC10831	12/16/2015	142000	**35800**	< 0.069 U	88700	19.0 J
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20150930	N	T	JC5099A	9/30/2015	262000	**70100**	< 0.069 U	154000	33.2 J
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160620	N	T	JC22555	6/20/2016	33000	**609**	< 0.047 U	13600	5.2 J
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160318X	FD	T	JC16549	3/18/2016	23300	**364**	0.068 J	8380 J	< 4.1 U
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160318	N	T	JC16549	3/18/2016	23800	**356**	< 0.047 U	8680 J	4.1 J
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20151214	N	T	JC10593	12/14/2015	44000	**751**	< 0.069 U	18700	< 3.3 U
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20150928	N	T	JC4872A	9/28/2015	50300	**1140**	< 0.069 U	22700	4.1 J
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-083016	N	T	JC26754	8/30/2016	< 85 U	< 0.39 U	< 0.047 U	108000	7.5 J
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-060316	N	T	JC21504	6/3/2016	< 85 U	< 0.39 U	< 0.047 U	91700	12.4 J
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-022516	N	T	JC14874	2/25/2016	< 49 U	< 0.18 U	< 0.069 U	106000	9.3 J
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-111715	N	T	JC8703	11/17/2015	< 49 U	< 0.18 U	< 0.069 U	87100	9.8 J
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-083016	N	T	JC26754	8/30/2016	< 85 U	< 0.39 U	< 0.047 U	64600	5.3 J
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-060316	N	T	JC21504	6/3/2016	< 85 U	< 0.39 U	< 0.047 U	56200	10.9
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-022516	N	T	JC14874	2/25/2016	< 49 U	< 0.18 U	< 0.069 U	65700	7.4 J
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-111715	N	T	JC8703	11/17/2015	< 49 U	< 0.18 U	< 0.069 U	89300	8.3 J
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-083016	N	T	JC26754	8/30/2016	< 85 U	< 0.39 U	< 0.047 U	63900	5.1 J
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-060316	N	T	JC21504	6/3/2016	< 85 U	< 0.39 U	< 0.047 U	65500	10.1
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-022516	N	T	JC14874	2/25/2016	110 J	< 0.18 U	< 0.069 U	68900	8.6 J
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-111715	N	T	JC8703	11/17/2015	121 J	< 0.18 U	< 0.069 U	65100	4.8 J
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-20171221	N	D	JC57864	12/21/2017	< 5000 U	< 15 U	< 0.20 U	59900	< 10 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-20171221	N	T	JC57864	12/21/2017	< 5000 U	< 15 U	< 0.20 U	57600	< 10 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-083016	N	T	JC26754	8/30/2016	729 J	6.1 J	0.32 J	74300	6.6 J
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-060316	N	T	JC21504	6/3/2016	988 J	15.8 J	0.36 J	95900	16.4 J
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-022516	N	T	JC14874	2/25/2016	874 J	9.4 J	0.21 J	99600	8.6 J
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-111715	N	T	JC8703	11/17/2015	465 J	1.6 JB	< 0.069 U	66700	7.4 J
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-20171221	N	D	JC57859	12/21/2017	< 5000 U	< 15 U	< 0.20 U	23200	< 10 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-20171221	N	T	JC57859	12/21/2017	< 5000 U	< 15 U	< 0.20 U	23200	< 10 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-DUP-20171221	FD	D	JC57859	12/21/2017	< 5000 U	< 15 U	< 0.20 U	23200	< 10 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-DUP-20171221	FD	T	JC57859	12/21/2017	< 5000 U	< 15 U	< 0.20 U	23200	< 10 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-083016	N	T	JC26754	8/30/2016	< 85 U	< 0.39 U	0.64	49200	9.2 J
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-060316	N	T	JC21504	6/3/2016	< 85 U	< 0.39 U	0.055 J	38000	14.2
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-022516	N	T	JC14874	2/25/2016	< 49 U	< 0.18 U	< 0.069 U	22400	4.2 J
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-111715	N	T	JC8703	11/17/2015	129 J	2.2 JB	0.30	72900	7.1 J
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-20171221	N	D	JC57864	12/21/2017	< 5000 U	< 15 U	< 0.20 U	55700	< 10 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-20171221	N	T	JC57864	12/21/2017	< 5000 U	< 15 U	< 0.20 U	58600	< 10 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-083016	N	T	JC26754	8/30/2016	< 85 U	< 0.39 U	< 0.047 U	83000	7.0 J
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-060316	N	T	JC21504	6/3/2016	< 85 U	< 0.39 U	< 0.047 U	84400	< 20 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-022516	N	T	JC14874	2/25/2016	54.9 J	0.90 J	< 0.069 U	79800	8.1 J
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-111715	N	T	JC8703	11/17/2015	146 J	3.5 J	< 0.069 U	72800	8.5 J
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-20171221	N	D	JC57859	12/21/2017	< 5000 U	< 15 U	< 0.20 U	62400	< 10 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-20171221	N	T	JC57859	12/21/2017	< 5000 U	< 15 U	< 0.20 U	63600	< 10 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-083016	N	T	JC26754	8/30/2016	< 85 U	< 0.39 U	< 0.047 U	61900	6.3 J
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-060316	N	T	JC21504	6/3/2016	< 85 U	< 0.39 U	< 0.047 U	61000	4.7 J
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-022516	N	T	JC14874	2/25/2016	< 49 U	< 0.18 U	< 0.069 U	62800	6.2 J
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-111715	N	T	JC8703	11/17/2015	146 J	4.5 J	< 0.069 U	66500	4.8 J
WELL	SHALLOW	GPS-MW5S	GPS-MW5S-20180130	N	D	JC59976	1/30/2018	< 50000 U	**75.8**	< 0.20 U	< 100000 U	< 20 U

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	GPS-MW5S	GPS-MW5S-20180130	N	T	JC59976	1/30/2018	< 10000 U	**174**	< 0.40 U	42700	< 20 U
WELL	SHALLOW	GPS-MW7S	GPS-MW7S-20171221	N	D	JC57864	12/21/2017	< 5000 U	< 15 U	< 0.20 U	45700	< 10 U
WELL	SHALLOW	GPS-MW7S	GPS-MW7S-20171221	N	T	JC57864	12/21/2017	< 5000 U	27.6	< 0.20 U	46600	< 10 U
WELL	SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-20161219	N	T	JC33993	12/19/2016	49900	**4870**	< 0.047 U	40800	**< 41 U**
WELL	SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-20160617	N	T	JC22504	6/17/2016	190000	**27200**	< 0.047 U	140000	21.0
WELL	SHALLOW	HSS-P3C-MW2S	HSS-P3C-MW2S-20161215	N	T	JC33793	12/15/2016	64200	**3700**	< 0.047 UB	68000	**< 41 U**
WELL	SHALLOW	HSS-P3C-MW2S	HSS-P3C-MW2S-20160616	N	T	JC22356	6/16/2016	20100	**1010**	< 0.047 U	32500	7.3 J
WELL	SHALLOW	MW-34	MW34-20151214-15.5	N	T	JC10597	12/14/2015	38400 J	**358**	< 0.069 U	19600	< 3.3 U
WELL	SHALLOW	MW-34	MW34-20151214-10.5	N	T	JC10597	12/14/2015	37500 J	**386**	< 0.069 U	19100	3.9 J
WELL	SHALLOW	MW7S	MW7S-10.2-20150930	N	T	JC5098A	9/30/2015	56600	**4930 J**	< 0.069 U	46900	3.4 J
WELL	SHALLOW	MW7S	MW7S-7.2-20150930	N	T	JC5098A	9/30/2015	58100	**4850 J**	< 0.069 U	46000	< 3.3 U
WELL	SHALLOW	MW8S	MW8S-9.5-20151001	N	T	JC5237A	10/1/2015	6850	**495**	< 0.069 U	15800	< 3.3 U
WELL	SHALLOW	MW-Morris1A	114-MW-MORRIS1A-20160321	N	T	JC16664	3/21/2016	233 J	20.2 J	< 0.047 U	101000	22.2
SOILBORE	N/A	114-P1C-PZ1-S1	114-P1C-PZ1-W1-31.0-33.0	N	T	JC29542	10/12/2016	66400	**10200**	< 0.28 U	38600 J	36.0 J
SOILBORE	N/A	114-P1C-PZ1-S1	114-P1C-PZ1-W1-24.0-26.0	N	T	JC29542	10/12/2016	345000	**18500**	0.81 J	183000	**< 41 U**
SOILBORE	N/A	114-P1C-PZ1-S2	114-P1C-PZ1-W2-27.0-29.0	N	T	JC29754	10/14/2016	60300	**14600**	0.68 J	41100 J	< 20 U
SOILBORE	N/A	114-P1C-PZ1-S2	114-P1C-PZ1-W2-24.0-26.0	N	T	JC29754	10/14/2016	23000	**550**	< 0.070 U	8670 J	< 4.1 U
SOILBORE	N/A	114-P1C-PZ2-S1	114-P1C-PZ2-W1-25.0-27.0	N	T	JC29434	10/11/2016	26000	**2020**	0.40 JB	21500 J	< 20 U
SOILBORE	N/A	114-P1C-PZ2-S1	114-P1C-PZ2-W1-16.5-17.5	N	T	JC29434	10/11/2016	256000	**8550**	**2.8**	126000	**< 41 U**
SOILBORE	N/A	114-P1C-PZ2-S2	114-P1C-PZ2-W2-31.0-33.0	N	T	JC29606	10/13/2016	67200	**11600**	0.51 J	46400 J	**< 41 U**
SOILBORE	N/A	114-P1C-PZ2-S2	114-P1C-PZ2-W2-25.0-27.0	N	T	JC29606	10/13/2016	126000	**12000**	0.39 J	77100 J	**< 41 U**
WELL	INTERMEDIATE	10W-MW105I	10W-MW105I-20180312	N	T	JC62130	3/12/2018	9900	20.4	< 0.083 U	55500	< 6.6 U
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20160623	N	T	JC22854	6/23/2016	5290	**73.7**	< 0.047 U	42800	< 20 U
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20160322	N	T	JC16738	3/22/2016	8500	**171**	< 0.047 U	43000	**< 41 U**
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20151214	N	T	JC10593	12/14/2015	11800	**244**	0.092 J	41400	< 16 U
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20150924	N	T	JC4675A	9/24/2015	13000	**273**	0.10 J	40900	< 33 U
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20180129	N	D	JC59916	1/29/2018	< 25000 U	**351**	< 0.40 U	57500	**< 50 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20180129	N	T	JC59916	1/29/2018	< 25000 U	**348**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20160623	N	T	JC22854	6/23/2016	13100	**439**	< 0.047 U	42900	< 20 U
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20160321	N	T	JC16664	3/21/2016	12300	**349**	< 0.047 U	36000	**< 41 U**
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20151214	N	T	JC10593	12/14/2015	15400	**463**	< 0.069 U	40100	< 16 U
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20150924	N	T	JC4675A	9/24/2015	18300	**371**	< 0.069 U	41200	< 9.9 U
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20180129	N	D	JC59916	1/29/2018	< 50000 U	**< 150 U**	< 0.60 U	< 100000 U	**< 100 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20180129	N	T	JC59916	1/29/2018	< 50000 U	**< 150 U**	< 0.60 U	< 100000 U	**< 100 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20160623	N	T	JC22854	6/23/2016	26900	**102 J**	< 0.093 U	23300	**< 41 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20160322	N	T	JC16738	3/22/2016	25000	**114**	< 0.28 U	25900	**< 81 U**
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20151214	N	T	JC10593	12/14/2015	21700	49.8	< 0.21 U	24800	< 16 U
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20150924	N	T	JC4675A	9/24/2015	19200	40.0	< 0.42 U	25000	< 16 U
WELL	INTERMEDIATE	114-MW20B	114-MW20B-20180419	N	T	JC64571	4/19/2018	2970 J	< 42 U	< 0.40 U	50300	**< 660 U**
WELL	INTERMEDIATE	114-MW20B	114-MW20B-36.0-20151001	N	T	JC5237A	10/1/2015	1550 J	12.5 J	< 0.14 U	54500	< 3.3 U
WELL	INTERMEDIATE	114-MW22B	114-MW22B-20180419	N	D	JC64571	4/19/2018	32400	10.4 J	< 0.13 U	7130 J	< 6.6 U
WELL	INTERMEDIATE	114-MW22B	114-MW22B-20180419	N	T	JC64571	4/19/2018	33400	28.4	< 0.13 U	7340 J	< 6.6 U
WELL	INTERMEDIATE	114-MW24B	114-MW24B-20180312	N	T	JC62130	3/12/2018	30100	**1120**	< 0.083 U	5720 J	< 6.6 U
WELL	INTERMEDIATE	114-MW25B	114-MW25B-20170928	N	T	JC52029	9/28/2017	10900	**150**	< 0.083 U	3630 J	< 6.6 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313X	FD	D	JC62228	3/13/2018	13400	38.8	< 0.083 U	7220 J	< 6.6 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313X	FD	T	JC62228	3/13/2018	14100 J	**73.6 J**	< 0.083 U	7320 J	< 6.6 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313	N	D	JC62228	3/13/2018	13200	33.8	< 0.083 U	7280 J	< 6.6 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313	N	T	JC62228	3/13/2018	22800 J	**438 J**	< 0.083 U	6640 J	< 6.6 U
WELL	INTERMEDIATE	114-MW27B	114-MW27B-20170928	N	T	JC52029	9/28/2017	18200	**1420**	< 0.083 U	4920 J	< 6.6 U

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
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							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	FD	T	JC56729A	12/6/2017	57900	**437**	0.20	18300	< 6.6 U
WELL	INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	N	T	JC56729A	12/6/2017	57500	**425**	< 0.083 U	18200	< 6.6 U
WELL	INTERMEDIATE	114-MW36B	114-MW36B-20170927	N	T	JC51890	9/27/2017	21700	**889**	< 0.17 U	10700 J	< 13 U
WELL	Intermediate	114-MW37B	114-MW37B-20170926	N	T	JC51824	9/26/2017	28600	**1230**	< 0.083 U	6920 J	< 6.6 U
WELL	Intermediate	114-MW38B	FORREST-114-MW38B-20171204	N	T	JC56504A	12/4/2017	10500	**145**	< 0.083 U	4350 J	< 6.6 U
WELL	INTERMEDIATE	114-MW41B	114-MW41B-20180420	N	T	JC64643	4/20/2018	12900 J	**374 J**	< 0.80 U	31500 J	**< 330 U**
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20180129	N	D	JC59916	1/29/2018	26000	**176**	< 0.20 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20180129	N	T	JC59916	1/29/2018	26200	**181**	< 0.20 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160617X	FD	T	JC22504	6/17/2016	21800	**175**	< 0.047 U	5840 J	< 4.1 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160617	N	T	JC22504	6/17/2016	21400	**173**	< 0.047 U	5800 J	< 4.1 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160317	N	T	JC16446	3/17/2016	23700	**232**	< 0.14 U	6270 J	< 4.1 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20151211	N	T	JC10525	12/11/2015	22100	**276**	< 0.069 U	6450 J	< 3.3 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20150921	N	T	JC4371A	9/21/2015	25500	**292**	< 0.14 U	7110 J	5.8 J
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-ARC	N	D	JC59556	1/23/2018	43800	**536**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-ARC	N	T	JC59556	1/23/2018	40600	**499**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20160621	N	T	JC22642	6/21/2016	44700	**388**	< 0.28 U	6850 J	< 8.1 U
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20160323	N	T	JC16843	3/23/2016	39400	**383**	< 0.28 U	6990 J	**< 100 U**
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20151216	N	T	JC10831	12/16/2015	36600	**406**	< 0.42 U	7560 J	< 6.6 U
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20150922	N	T	JC4452A	9/22/2015	36300	**335**	< 0.42 U	7310 J	< 33 U
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-ARC	N	D	JC59556	1/23/2018	< 10000 U	< 30 U	< 0.60 U	44100	< 20 U
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-ARC	N	T	JC59556	1/23/2018	< 10000 U	42.0	< 0.60 U	44700	< 20 U
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20160916	N	T	JC27812	9/16/2016	54200	**309**	< 0.28 U	15500 J	**< 200 U**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20160323	N	T	JC16843	3/23/2016	47400 J	**319**	< 0.28 U	16900 J	**< 200 U**
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20151216	N	T	JC10831	12/16/2015	39600	**292**	< 0.42 U	14000	< 16 U
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20150924	N	T	JC4675A	9/24/2015	41100	**271**	< 0.42 U	16500	**< 160 U**
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I	N	D	JC59556	1/23/2018	16600	**258**	< 0.20 U	31900	< 10 U
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I	N	T	JC59556	1/23/2018	14500	**226**	< 0.20 U	27000	< 10 U
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20160620	N	T	JC22555	6/20/2016	9630	**195**	< 0.047 U	22900	7.5 J
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20160316	N	T	JC16336	3/16/2016	8890 J	**204**	< 0.047 U	23200 J	< 20 U
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20151211	N	T	JC10525	12/11/2015	3050 J	**133**	< 0.069 U	20100	12.1
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20150923	N	T	JC4555A	9/23/2015	8160	**76.0**	< 0.069 U	23200	7.9 J
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-ARC	N	D	JC59745	1/25/2018	50200	**4230**	< 0.20 U	21300	< 10 U
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-ARC	N	T	JC59745	1/25/2018	49800	**4600**	< 0.20 U	21300	< 10 U
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160912	N	T	JC27433	9/12/2016	67400	**1930**	< 0.047 U	26400	4.3 J
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160624	N	T	JC22933	6/24/2016	61000	**1730**	< 0.047 U	25300	5.3 J
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160325	N	T	JC17054	3/25/2016	40600	**303**	< 0.047 U	32000	< 4.1 U
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20151211	N	T	JC10525	12/11/2015	24500	**1050**	< 0.069 U	18900	< 3.3 U
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20150923	N	T	JC4555A	9/23/2015	24500	**863**	< 0.069 U	16700	< 3.3 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-ARC	N	D	JC59745	1/25/2018	107000	**2440**	< 0.20 U	42600	< 10 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-ARC	N	T	JC59745	1/25/2018	104000	**2520**	< 0.20 U	43300	< 10 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160912	N	T	JC27433	9/12/2016	36300	**310**	< 0.047 U	26100	< 4.1 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160624	N	T	JC22933	6/24/2016	38800	**334**	< 0.047 U	26900	4.2 J
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160325	N	T	JC17054	3/25/2016	47900	**1320**	< 0.047 U	25800	4.6 J
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20151211	N	T	JC10525	12/11/2015	28100	**193**	< 0.069 U	28700	< 3.3 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20150923	N	T	JC4555A	9/23/2015	40800	**194**	< 0.069 U	37100	4.8 J
WELL	INTERMEDIATE	114-P1-IRM-1	114-P1-IRM-1-20180116	N	D	JC58932	1/16/2018	44400	**< 750 U**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-1	114-P1-IRM-1-20180116	N	T	JC58932	1/16/2018	40200	**1080**	< 1.2 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-10I	114-P1-IRM-10I	N	D	JC59745	1/25/2018	44900	**99.6**	< 0.40 U	< 20000 U	**< 400 U**
WELL	INTERMEDIATE	114-P1-IRM-10I	114-P1-IRM-10I	N	T	JC59745	1/25/2018	45500	**< 150 U**	< 0.40 U	< 20000 U	**< 100 U**

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							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-IRM-11	114-P1-IRM-11-20180118	N	D	JC59349	1/18/2018	42900	**352**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-11	114-P1-IRM-11-20180118	N	T	JC59349	1/18/2018	42300	**331**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-12	114-P1-IRM-12-20180118	N	D	JC59349	1/18/2018	47700	**157**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-12	114-P1-IRM-12-20180118	N	T	JC59349	1/18/2018	51900	**170**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-13	114-P1-IRM-13-20180116	N	D	JC58932	1/16/2018	40700	**< 1900 U**	< 1.2 U	< 50000 U	**< 1300 U**
WELL	INTERMEDIATE	114-P1-IRM-13	114-P1-IRM-13-20180116	N	T	JC58932	1/16/2018	40500	**< 1900 U**	< 1.2 U	< 50000 U	**< 1300 U**
WELL	INTERMEDIATE	114-P1-IRM-14	114-P1-IRM-14-20180116	N	D	JC58932	1/16/2018	38300	**< 750 U**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-14	114-P1-IRM-14-20180116	N	T	JC58932	1/16/2018	35600	**880**	< 1.2 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-15	114-P1-IRM-15-20180122	N	D	JC59495	1/22/2018	33100	**89.4**	< 0.40 U	< 20000 U	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-15	114-P1-IRM-15-20180122	N	T	JC59495	1/22/2018	34700	**98.4**	< 0.40 U	< 20000 U	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-16	114-P1-IRM-16-20180116	N	D	JC58932	1/16/2018	49000	**1530**	< 1.2 U	< 50000 U	**< 1000 U**
WELL	INTERMEDIATE	114-P1-IRM-16	114-P1-IRM-16-20180116	N	T	JC58932	1/16/2018	46700	**< 1500 U**	< 1.2 U	< 50000 U	**< 1000 U**
WELL	INTERMEDIATE	114-P1-IRM-17	114-P1-IRM-17-20180122	N	D	JC59495	1/22/2018	181000	**417**	< 0.20 U	167000	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-17	114-P1-IRM-17-20180122	N	T	JC59495	1/22/2018	175000	**425**	< 0.20 U	158000	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-18I	114-P1-IRM-18I-20180118	N	D	JC59349	1/18/2018	59000	**278**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-18I	114-P1-IRM-18I-20180118	N	T	JC59349	1/18/2018	58300	**239**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-19I	114-P1-IRM-19I-20180117	N	D	JC59023	1/17/2018	59100	**397**	< 0.40 U	< 50000 U	**< 100 U**
WELL	INTERMEDIATE	114-P1-IRM-19I	114-P1-IRM-19I-20180117	N	T	JC59023	1/17/2018	55400	**367**	< 0.40 U	< 50000 U	**< 100 U**
WELL	INTERMEDIATE	114-P1-IRM-2	114-P1-IRM-2-20180116	N	D	JC58932	1/16/2018	64400	**< 1500 U**	< 1.2 U	< 50000 U	**< 1000 U**
WELL	INTERMEDIATE	114-P1-IRM-2	114-P1-IRM-2-20180116	N	T	JC58932	1/16/2018	66800	**< 1500 U**	< 1.2 U	< 50000 U	**< 1000 U**
WELL	INTERMEDIATE	114-P1-IRM-20I	114-P1-IRM-20I-20180117	N	D	JC59023	1/17/2018	73400	**1290**	< 0.20 U	43500	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-20I	114-P1-IRM-20I-20180117	N	T	JC59023	1/17/2018	68700	**1260**	< 0.20 U	39200	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-21I	114-P1-IRM-21I-20180118	N	D	JC59349	1/18/2018	199000	**5210**	< 0.20 U	68300	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-21I	114-P1-IRM-21I-20180118	N	T	JC59349	1/18/2018	198000	**5190**	< 0.20 U	63300	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-22I	114-P1-IRM-22I-20180118	N	D	JC59349	1/18/2018	73300	**1120 J**	< 0.20 U	32400	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-22I	114-P1-IRM-22I-20180118	N	T	JC59349	1/18/2018	70000	**886 J**	< 0.20 U	28800	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-24I	114-P1-IRM-24I-20180118	N	D	JC59349	1/18/2018	50200	**95.4**	< 0.40 U	38400	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-24I	114-P1-IRM-24I-20180118	N	T	JC59349	1/18/2018	47900	**107**	< 0.40 U	36500	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-25I	114-P1-IRM-25I-20180118	N	D	JC59349	1/18/2018	89800	**1510**	< 0.20 U	34500	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-25I	114-P1-IRM-25I-20180118	N	T	JC59349	1/18/2018	88700	**1480**	< 0.20 U	30800	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-26I	114-P1-IRM-26I-20180118	N	D	JC59349	1/18/2018	224000	**1850**	< 0.20 U	61100	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-26I	114-P1-IRM-26I-20180118	N	T	JC59349	1/18/2018	220000	**1840**	< 0.20 U	61000	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-27I	114-P1-IRM-27I-20180122	N	D	JC59495	1/22/2018	< 25000 U	**< 1900 U**	< 0.60 U	< 50000 U	**< 1300 U**
WELL	INTERMEDIATE	114-P1-IRM-27I	114-P1-IRM-27I-20180122	N	T	JC59495	1/22/2018	< 25000 U	**< 1900 U**	< 0.60 U	< 50000 U	**< 1300 U**
WELL	INTERMEDIATE	114-P1-IRM-28I	114-P1-IRM-28I-20180118	N	D	JC59349	1/18/2018	11200	**433**	< 0.40 U	23900	**< 100 U**
WELL	INTERMEDIATE	114-P1-IRM-28I	114-P1-IRM-28I-20180118	N	T	JC59349	1/18/2018	11100	**424**	< 0.40 U	23000	**< 100 U**
WELL	INTERMEDIATE	114-P1-IRM-29I	114-P1-IRM-29I-20180118	N	D	JC59349	1/18/2018	53800	**2210**	< 0.20 U	28100	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-29I	114-P1-IRM-29I-20180118	N	T	JC59349	1/18/2018	47500	**2130**	< 0.20 U	25600	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-3	114-P1-IRM-3-20180124	N	D	JC59667	1/24/2018	70600	**1090**	< 0.40 U	37100	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-3	114-P1-IRM-3-20180124	N	T	JC59667	1/24/2018	65700	**1040**	< 0.40 U	34500	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-20180122	N	D	JC59495	1/22/2018	< 25000 U	**< 750 U**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-20180122	N	T	JC59495	1/22/2018	< 25000 U	**< 750 U**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-DUP-20180122	FD	D	JC59495	1/22/2018	< 25000 U	**< 750 U**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-DUP-20180122	FD	T	JC59495	1/22/2018	< 25000 U	**< 750 U**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-31I	114-P1-IRM-31I-20180119	N	D	JC59431	1/19/2018	< 5000 U	**210**	< 0.20 U	12100	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-31I	114-P1-IRM-31I-20180119	N	T	JC59431	1/19/2018	< 10000 UJ-	**338 J-**	< 0.40 U	< 20000 U	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-32I	114-P1-IRM-32I-20180122	N	D	JC59495	1/22/2018	36900	**< 750 U**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-32I	114-P1-IRM-32I-20180122	N	T	JC59495	1/22/2018	44500	**< 750 U**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-33I	114-P1-IRM-33I-20180124	N	D	JC59667	1/24/2018	< 50000 U	**187**	< 0.60 U	< 100000 U	**< 100 U**

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-IRM-33I	114-P1-IRM-33I-20180124	N	T	JC59667	1/24/2018	< 50000 U	**218**	< 0.60 U	< 100000 U	**< 100 U**
WELL	INTERMEDIATE	114-P1-IRM-34I	114-P1-IRM-34I	N	D	JC59745	1/25/2018	< 25000 U	**< 750 U**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-34I	114-P1-IRM-34I	N	T	JC59745	1/25/2018	< 25000 U	**< 750 U**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-35I	114-P1-IRM-35I-20180122	N	D	JC59495	1/22/2018	38500	**< 750 U**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-35I	114-P1-IRM-35I-20180122	N	T	JC59495	1/22/2018	38200	**< 1500 U**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-36D	114-P1-IRM-36D-20180124	N	D	JC59667	1/24/2018	< 25000 U	**104**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-36D	114-P1-IRM-36D-20180124	N	T	JC59667	1/24/2018	< 25000 U	**159**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-36I	114-P1-IRM-36I-20180124	N	D	JC59667	1/24/2018	< 25000 U	**203**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-36I	114-P1-IRM-36I-20180124	N	T	JC59667	1/24/2018	< 25000 U	**269**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-37I	114-P1-IRM-37I-20180117	N	D	JC59023	1/17/2018	< 5000 U	31.5	< 0.20 U	20000	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-37I	114-P1-IRM-37I-20180117	N	T	JC59023	1/17/2018	< 5000 U	28.5	< 0.20 U	19000	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-38	114-P1-IRM-38-20180126	N	D	JC59838	1/26/2018	32900	**3470**	< 0.20 U	20000	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-38	114-P1-IRM-38-20180126	N	T	JC59838	1/26/2018	32500	**3410**	< 0.20 U	19700	< 10 U
WELL	INTERMEDIATE	114-P1-IRM-39	114-P1-IRM-39-20180126	N	D	JC59838	1/26/2018	64000	**11700**	< 0.20 U	51100	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-39	114-P1-IRM-39-20180126	N	T	JC59838	1/26/2018	61100	**11000**	< 0.20 U	49000	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-40I	114-P1-IRM-40I-20180117	N	D	JC59023	1/17/2018	61200	**< 380 U**	< 0.60 U	< 50000 U	**< 1300 U**
WELL	INTERMEDIATE	114-P1-IRM-40I	114-P1-IRM-40I-20180117	N	T	JC59023	1/17/2018	53800	**< 380 U**	< 0.60 U	< 50000 U	**< 1300 U**
WELL	INTERMEDIATE	114-P1-IRM-41I	114-P1-IRM-41I-20180126	N	D	JC59838	1/26/2018	< 25000 U	**< 750 U**	< 0.40 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-41I	114-P1-IRM-41I-20180126	N	T	JC59838	1/26/2018	< 25000 U	**< 750 U**	< 0.40 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-42I	114-P1-IRM-42I-20180126	N	D	JC59838	1/26/2018	106000	**236**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-42I	114-P1-IRM-42I-20180126	N	T	JC59838	1/26/2018	106000	**243**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-IRM-4I	114-P1-IRM-4I-20180124	N	D	JC59667	1/24/2018	98200	**804**	< 0.60 U	< 100000 U	**< 2000 U**
WELL	INTERMEDIATE	114-P1-IRM-4I	114-P1-IRM-4I-20180124	N	T	JC59667	1/24/2018	99500	**848**	< 0.60 U	< 100000 U	**< 2000 U**
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-20180123	N	D	JC59556	1/23/2018	57400	**292**	< 0.60 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-20180123	N	T	JC59556	1/23/2018	104000	**4010**	< 1.2 U	< 50000 U	**< 500 U**
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	N	T	JC58073A	12/27/2017	24700	**2040**	< 0.17 U	24500	< 6.6 U
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	N	T	JC58073A	12/27/2017	26400	**2580**	< 0.17 U	26800	< 6.6 U
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	N	T	JC58028A	12/26/2017	29100	**2380**	< 0.17 U	27200	< 6.6 U
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	N	T	JC58028A	12/26/2017	29200	**2120**	< 0.17 U	28300	< 6.6 U
WELL	INTERMEDIATE	114-P1-IRM-6	114-P1-IRM-6-20180116	N	D	JC58932	1/16/2018	82300	**< 1900 U**	< 1.2 U	< 50000 U	**< 1300 U**
WELL	INTERMEDIATE	114-P1-IRM-6	114-P1-IRM-6-20180116	N	T	JC58932	1/16/2018	97100	**2060**	< 1.2 U	< 50000 U	**< 1300 U**
WELL	INTERMEDIATE	114-P1-IRM-7	114-P1-IRM-7-20180124	N	D	JC59667	1/24/2018	43100	**306**	< 0.60 U	< 20000 U	**< 100 U**
WELL	INTERMEDIATE	114-P1-IRM-7	114-P1-IRM-7-20180124	N	T	JC59667	1/24/2018	43700	**377**	< 0.60 U	< 20000 U	**< 100 U**
WELL	INTERMEDIATE	114-P1-IRM-8	114-P1-IRM-8-20180116	N	D	JC58932	1/16/2018	28600	**< 1500 U**	< 1.2 U	< 50000 U	**< 1000 U**
WELL	INTERMEDIATE	114-P1-IRM-8	114-P1-IRM-8-20180116	N	T	JC58932	1/16/2018	25100	**< 1500 U**	< 1.2 U	< 50000 U	**< 1000 U**
WELL	INTERMEDIATE	114-P1-IRM-9	114-P1-IRM-9-20180116	N	D	JC58932	1/16/2018	48400	**< 1500 U**	< 0.60 U	< 50000 U	**< 1000 U**
WELL	INTERMEDIATE	114-P1-IRM-9	114-P1-IRM-9-20180116	N	T	JC58932	1/16/2018	47100	**< 1500 U**	< 0.60 U	< 50000 U	**< 1000 U**
WELL	INTERMEDIATE	114-P1-MW-1I	114-P1-MW-1I-20180129	N	D	JC59916	1/29/2018	55500	**881**	< 0.60 U	< 100000 U	**< 100 U**
WELL	INTERMEDIATE	114-P1-MW-1I	114-P1-MW-1I-20180129	N	T	JC59916	1/29/2018	54800	**911**	< 0.60 U	< 100000 U	**< 100 U**
WELL	INTERMEDIATE	114-P1-MW-2D	114-P1-MW2D-20180119	N	D	JC59431	1/19/2018	90600	**2970**	< 0.20 U	21600	< 10 U
WELL	INTERMEDIATE	114-P1-MW-2D	114-P1-MW2D-20180119	N	T	JC59431	1/19/2018	94700 J-	**3050 J-**	< 0.20 U	23300	< 10 U
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	N	T	JC58942	1/16/2018	72300	**2570**	< 0.083 U	18100	< 6.6 U
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	N	T	JC58942	1/16/2018	78500	**2830**	< 0.083 U	19200	< 6.6 U
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	N	T	JC58942	1/16/2018	80100	**2960**	< 0.083 U	19500	< 6.6 U
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	N	T	JC58942	1/16/2018	91300	**3550**	< 0.083 U	20700	< 6.6 U
WELL	INTERMEDIATE	114-P1-MW-3I	114-P1-MW-3I-20180126	N	D	JC59838	1/26/2018	37500	**147**	< 0.20 U	< 20000 U	< 20 U
WELL	INTERMEDIATE	114-P1-MW-3I	114-P1-MW-3I-20180126	N	T	JC59838	1/26/2018	37400	**285**	< 0.20 U	< 20000 U	< 20 U
WELL	INTERMEDIATE	114-P1-MW-4I	114-P1-MW-4I-20180126	N	D	JC59838	1/26/2018	77400	**294**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P1-MW-4I	114-P1-MW-4I-20180126	N	T	JC59838	1/26/2018	75200	**377**	< 0.40 U	< 50000 U	**< 50 U**

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Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-MW-5I	114-P1-MW-5I-20180123	N	D	JC59667	1/23/2018	25500	**3280**	< 0.20 U	22700	< 10 U
WELL	INTERMEDIATE	114-P1-MW-5I	114-P1-MW-5I-20180123	N	T	JC59667	1/23/2018	25600	**3280**	< 0.20 U	22700	< 10 U
WELL	INTERMEDIATE	114-P1-MW-6I	114-P1-MW6I-20180119	N	D	JC59431	1/19/2018	< 25000 U	**< 75 U**	< 0.60 U	< 50000 U	**< 1000 U**
WELL	INTERMEDIATE	114-P1-MW-6I	114-P1-MW6I-20180119	N	T	JC59431	1/19/2018	< 50000 UJ-	**776 J-**	< 0.60 U	< 100000 U	**< 100 U**
WELL	INTERMEDIATE	114-P1-MW-7I	114-P1-MW7I-20180125	N	D	JC59745	1/25/2018	< 10000 U	33.2	< 0.60 U	< 20000 U	**< 100 U**
WELL	INTERMEDIATE	114-P1-MW-7I	114-P1-MW7I-20180125	N	T	JC59745	1/25/2018	< 10000 U	**< 750 U**	< 0.60 U	< 20000 U	**< 500 U**
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20180130	N	D	JC59976	1/30/2018	44100	**13500**	< 0.20 U	31300	**< 50 U**
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20180130	N	T	JC59976	1/30/2018	42500	**12500**	< 0.20 U	29400	**< 50 U**
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20161212	N	T	JC33522	12/12/2016	8380	**50.3**	< 0.047 U	66400	< 4.1 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160914	N	T	JC27595	9/14/2016	11200	**275**	< 0.047 U	8780 J	< 4.1 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160628	N	T	JC23103	6/28/2016	7770	**56.9**	< 0.047 U	7010 J	< 4.1 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160324	N	T	JC16953	3/24/2016	7220 J	45.0 J	< 0.047 U	9050 J	< 20 U
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20161219	N	T	JC33991	12/19/2016	68300	**34000**	0.059 J	19100	**< 41 U**
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160914	N	T	JC27595	9/14/2016	68200	**28100**	< 0.047 UB	17800	8.7 J
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160628	N	T	JC23103	6/28/2016	404 J	16.8 J	< 0.047 U	25400	4.5 J
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160324	N	T	JC16953	3/24/2016	51800	**23000**	< 0.047 U	13100 J	< 20 U
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20161214	N	T	JC33691	12/14/2016	30900	**418**	< 0.093 UB	9600 J	< 8.1 U
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160915	N	T	JC27716	9/15/2016	25300	**220**	0.14 J	5410 J	< 4.1 U
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160627	N	T	JC23029	6/27/2016	19900	**106**	< 0.047 U	30100	< 4.1 U
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160325X	FD	T	JC17059	3/25/2016	27400	**928 J**	0.062 J	9790 J	6.9 J
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160325	N	T	JC17059	3/25/2016	23300	**641 J**	< 0.047 U	8020 J	5.9 J
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20161219	N	T	JC33991	12/19/2016	36200	**1890**	0.050 J	77300	< 20 U
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160915	N	T	JC27716	9/15/2016	53900	**2290**	< 0.047 U	63600	< 4.1 U
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160629X	FD	T	JC23208	6/29/2016	62600	**2200**	< 0.047 U	45700	10.9
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160629	N	T	JC23208	6/29/2016	64700	**2340**	< 0.047 U	47400	11.5
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160325	N	T	JC17059	3/25/2016	59100	**2030 J**	< 0.047 U	37100 J	20.8 J
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-ARC	N	D	JC59556	1/23/2018	160000	**21200**	< 0.20 U	116000	**< 50 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-ARC	N	T	JC59556	1/23/2018	158000	**20900**	< 0.20 U	115000	**< 50 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20160620	N	T	JC22555	6/20/2016	44300	**96.4**	< 0.28 U	27400	**< 410 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20160322	N	T	JC16738	3/22/2016	49200 J	**85.0 J**	< 0.28 U	33300 J	**< 1000 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20151216X	FD	T	JC10831	12/16/2015	45000	47.4	< 0.42 U	30400	**< 330 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20151216	N	T	JC10831	12/16/2015	46000	**50.1**	< 0.42 U	30800	**< 330 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20150925	N	T	JC4798A	9/25/2015	36100	**78.0**	< 0.42 U	18100	**< 330 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20180130	N	D	JC59976	1/30/2018	< 250000 U	**< 3800 U**	< 1.2 U	< 500000 U	**< 2500 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20180130	N	T	JC59976	1/30/2018	129000	**< 750 U**	< 1.2 U	< 100000 U	**< 2500 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160620	N	T	JC22555	6/20/2016	39800	**189**	< 0.047 U	9020 J	**< 41 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160323X	FD	T	JC16843	3/23/2016	36000 J	**212**	< 0.28 U	10400 J	**< 200 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160323	N	T	JC16843	3/23/2016	33600 J	**210**	< 0.28 U	9550 J	**< 200 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20151216	N	T	JC10831	12/16/2015	41600	**241**	< 0.42 U	9810 J	< 16 U
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20150925	N	T	JC4798A	9/25/2015	33000	**200**	< 0.42 U	10900	**< 330 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW-101I-20180119	N	D	JC59431	1/19/2018	< 25000 U	**< 75 U**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW-101I-20180119	N	T	JC59431	1/19/2018	< 25000 UJ-	**< 75 UJ-**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20160622	N	T	JC22758	6/22/2016	2880 J	19.4 J	< 0.070 U	10600 J	**< 81 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20160323	N	T	JC16843	3/23/2016	2010 J	36.0 J	< 0.28 U	17700 J	**< 200 U**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20151216	N	T	JC10831	12/16/2015	2430 J	19.7	< 0.069 U	22700	**< 160 UJB**
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20150925	N	T	JC4798A	9/25/2015	2580 J	**61.4**	< 0.42 U	25400	**< 330 U**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I	N	D	JC59556	1/23/2018	< 25000 U	**< 750 U**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I	N	T	JC59556	1/23/2018	< 25000 U	**< 750 U**	< 0.60 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160621X	FD	T	JC22642	6/21/2016	20800	**168**	< 0.28 U	32200	< 8.1 U

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160621	N	T	JC22642	6/21/2016	19800	**175**	< 0.28 U	29200	9.0 J
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160323	N	T	JC16843	3/23/2016	27400 J	**396**	< 0.28 U	36200 J	**< 200 U**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20151216	N	T	JC10831	12/16/2015	37300	**309**	< 0.42 U	47400	**< 160 U**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20150928	N	T	JC4872A	9/28/2015	39000	**609**	< 0.42 U	46100 J	**200 J**
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I	N	D	JC59745	1/25/2018	50000	**90.3**	< 0.20 U	45400	< 10 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I	N	T	JC59745	1/25/2018	49200	**97.1**	< 0.20 U	45200	< 10 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20160621	N	T	JC22642	6/21/2016	44500	**89.5**	< 0.047 U	44300	5.4 J
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20160322	N	T	JC16738	3/22/2016	33600	**88.4**	< 0.28 U	48500	< 4.1 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20151216	N	T	JC10831	12/16/2015	36500	**114**	< 0.42 U	43800	< 16 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20150925	N	T	JC4798A	9/25/2015	41600	**94.5**	< 0.42 U	58000	< 33 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I	N	D	JC59556	1/23/2018	47900	**4320**	< 0.20 U	20200	< 10 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I	N	T	JC59556	1/23/2018	48600	**4380**	< 0.20 U	20200	< 10 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160622	N	T	JC22758	6/22/2016	35200	**4410**	< 0.047 U	14600	< 4.1 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160622X	FD	T	JC22758	6/22/2016	35500	**4800**	< 0.047 U	15400	5.0 J
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160316	N	T	JC16336	3/16/2016	61600	**5850**	< 0.047 U	19700 J	< 20 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20151210	N	T	JC10380	12/10/2015	66000 J	**7360**	0.26	22800	< 3.3 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20150928	N	T	JC4872A	9/28/2015	57200	**9350**	< 0.069 U	25600	8.6 J
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20160617	N	T	JC22504	6/17/2016	41900	**14600**	< 0.047 U	10300	< 8.1 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20160317	N	T	JC16446	3/17/2016	36400	**12100**	< 0.047 U	19600	< 20 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20151215	N	T	JC10723	12/15/2015	47500	**8010**	< 0.069 U	12400	< 3.3 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20150929	N	T	JC4978A	9/29/2015	38300	**830**	< 0.069 U	7430 J	< 3.3 U
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20160616	N	T	JC22356	6/16/2016	59500	**51.3**	< 0.047 U	240000	< 4.1 U
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20160318	N	T	JC16549	3/18/2016	59500	**894**	< 0.14 U	16100	< 4.1 U
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20151215	N	T	JC10723	12/15/2015	54900	**808**	< 0.14 U	11500	< 16 U
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20150930	N	T	JC5099A	9/30/2015	38000	**563**	< 0.14 U	10500	< 16 U
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20160616	N	T	JC22356	6/16/2016	34600	**1940**	< 0.047 U	13000	< 4.1 U
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20160318	N	T	JC16549	3/18/2016	27900	**1280**	< 0.047 U	23000	4.9 J
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20151215-X	FD	T	JC10723	12/15/2015	44400	**2620**	< 0.069 U	9780 J	< 3.3 U
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20151215	N	T	JC10723	12/15/2015	47000	**2780**	< 0.069 U	10900	4.6 J
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20150929	N	T	JC4978A	9/29/2015	34900	**1540**	< 0.069 U	9660 J	< 3.3 U
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20161215	N	T	JC33793	12/15/2016	233000	**144**	< 0.047 UB	85600	< 4.1 U
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160913	N	T	JC27486	9/13/2016	249000	**180**	< 0.047 U	79900 J	< 4.1 U
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160616	N	T	JC22356	6/16/2016	256000	**175**	< 0.047 U	87000	9.6 J
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160324	N	T	JC16937	3/24/2016	227000 J	**220**	< 0.047 U	65700 J	< 20 U
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20161216	N	T	JC33887	12/16/2016	75600 J	**647**	< 0.070 U	46300	< 4.1 U
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160913	N	T	JC27486	9/13/2016	77200	**710**	0.051 J	46300 J	< 4.1 U
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160615	N	T	JC22273	6/15/2016	75300 J	**606**	< 0.047 U	48700 J	< 4.1 U
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160324	N	T	JC16937	3/24/2016	58700 J	**616**	< 0.047 U	35900 J	< 20 U
WELL	INTERMEDIATE	135-MW2B	135-MW2B-30.5	N	T	JC5499	10/6/2015	132000	**104**	< 0.069 U	69100	3.9 J
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20160624	N	T	JC22939	6/24/2016	35500	**321**	< 0.047 U	43100	< 4.1 U
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20160323	N	T	JC16843	3/23/2016	72200	**437**	< 0.047 U	29800	5.5 J
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20151218	N	T	JC11088	12/18/2015	61200	**699**	< 0.069 U	33400	3.7 J
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20150930	N	T	JC5099A	9/30/2015	84700	**781**	< 0.069 U	35600	4.6 J
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20160615	N	T	JC22273	6/15/2016	77600 J	**583**	< 0.047 U	47600 J	4.1 J
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20160321	N	T	JC16664	3/21/2016	103000	**709**	< 0.047 U	50200	4.1 J
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20151216	N	T	JC10831	12/16/2015	104000	**784**	< 0.069 U	59400	10.3 J
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20150930X	FD	T	JC5099A	9/30/2015	96200	**698**	< 0.069 U	50900	< 3.3 U
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20150930	N	T	JC5099A	9/30/2015	105000	**645**	< 0.069 U	49200	< 3.3 U
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20160620	N	T	JC22555	6/20/2016	26700	**158**	< 0.047 U	4050 J	< 4.1 U

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Historical Groundwater Analytical Data - Non-CCPW Metals
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Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20160318	N	T	JC16549	3/18/2016	24300	23.0	< 0.14 U	10600	< 4.1 U
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20151214	N	T	JC10593	12/14/2015	25500	**82.8**	< 0.069 U	3090 J	< 3.3 U
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20150928	N	T	JC4872A	9/28/2015	23000	**70.1**	< 0.069 U	2520 J	< 16 U
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-100616	N	T	JC29150	10/6/2016	56900	**1890**	< 0.047 U	9290 J	5.7 J
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-071216	N	T	JC23920	7/12/2016	61300	**1190**	0.14 J	9520 J	< 4.1 U
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-040616	N	T	JC17755	4/6/2016	60200 J	**1160**	< 0.047 U	10400	7.2 J
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-010616	N	T	JC12114	1/6/2016	59700	**341**	< 0.069 U	11300	10.7
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-100616	N	T	JC29150	10/6/2016	33800	**155**	< 0.047 U	12100	6.4 J
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-071216	N	T	JC23920	7/12/2016	46800	**216**	< 0.047 U	12900	< 4.1 U
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-040616	N	T	JC17755	4/6/2016	47100 J	**220**	0.086 J	13100	6.2 J
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-010616	N	T	JC12114	1/6/2016	36800	**231**	0.22	14800	7.3 J
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-100616	N	T	JC29150	10/6/2016	26200	**657**	< 0.047 UB	6400 J	7.8 J
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-071216	N	T	JC23920	7/12/2016	17200	**252**	0.083 J	1280 J	< 4.1 U
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-040616	N	T	JC17755	4/6/2016	11800 J	**172**	< 0.047 U	2800 J	< 4.1 U
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-010616	N	T	JC12114	1/6/2016	17300	**265**	< 0.069 U	3900 J	6.7 J
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-100616	N	T	JC29150	10/6/2016	93800	**6510 J**	< 0.047 U	11600	**< 41 U**
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-071216	N	T	JC23920	7/12/2016	20200	**364**	< 0.047 U	1170 J	< 4.1 U
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-040616	N	T	JC17755	4/6/2016	81800 J	**7900**	< 0.047 U	7390 J	38.4 J
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-010616	N	T	JC12114	1/6/2016	55300	**2640**	< 0.069 U	4770 J	< 33 U
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-100616	N	T	JC29150	10/6/2016	19300 J	**712**	< 0.070 UB	4090 J	< 20 U
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-071216	N	T	JC23920	7/12/2016	20100	**352**	0.098 J	232 J	< 8.1 U
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-040616	N	T	JC17755	4/6/2016	13900 J	**279**	< 0.14 U	1420 J	< 8.1 U
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-010616	N	T	JC12114	1/6/2016	13500	**341**	< 0.069 U	2390 J	< 16 U
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-100616	N	T	JC29150	10/6/2016	29000	**1810**	< 0.047 U	4390 J	8.4 J
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-071216	N	T	JC23920	7/12/2016	30600	**848**	0.062 J	< 120 U	< 4.1 U
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-040616	N	T	JC17755	4/6/2016	11700 J	**581**	< 0.047 U	1650 J	5.5 J
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-010616	N	T	JC12114	1/6/2016	16500	**426**	< 0.069 U	2590 J	8.8 J
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-100616	N	T	JC29150	10/6/2016	17900	**390**	< 0.047 U	4510 J	7.3 J
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-071216	N	T	JC23920	7/12/2016	105000	**7280**	< 0.047 U	7900 J	< 20 U
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-040616	N	T	JC17755	4/6/2016	16600 J	**336**	< 0.047 U	2490 J	< 4.1 U
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-010616	N	T	JC12114	1/6/2016	15900	**228**	< 0.069 U	3480 J	< 3.3 U
WELL	INTERMEDIATE	GPS-MW2I	GPS-MW2I-20180131	N	D	JC60035	1/31/2018	32600	**374**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	GPS-MW2I	GPS-MW2I-20180131	N	T	JC60035	1/31/2018	32600	**370**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131	N	D	JC60035	1/31/2018	37300	**495**	< 0.20 U	< 20000 U	< 20 U
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131	N	T	JC60035	1/31/2018	37500	**506**	< 0.20 U	< 20000 U	< 20 U
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131-DUP	FD	D	JC60035	1/31/2018	37400	**498**	< 0.20 U	< 20000 U	< 20 U
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131-DUP	FD	T	JC60035	1/31/2018	38400	**514**	< 0.20 U	< 20000 U	< 20 U
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-20180131	N	D	JC60035	1/31/2018	46000	**436**	< 0.20 U	< 10000 U	**< 100 U**
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-20180131	N	T	JC60035	1/31/2018	54300	**2230**	< 0.40 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-100616	N	T	JC29150	10/6/2016	29600	**472**	< 0.047 UB	5080 J	7.5 J
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-071216	N	T	JC23920	7/12/2016	38500	**605**	0.090 J	2640 J	< 8.1 U
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-040616	N	T	JC17755	4/6/2016	57700 J	**3500**	< 0.28 U	12900 J	9.8 J
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-010616	N	T	JC12114	1/6/2016	28900	**1640**	< 0.069 U	5570 J	13.9
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-20180130	N	D	JC59976	1/30/2018	< 10000 U	44.6	< 1.2 U	24100	< 20 U
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-20180130	N	T	JC59976	1/30/2018	< 25000 U	**98.0**	< 1.2 U	< 50000 U	**< 50 U**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-100616	N	T	JC29150	10/6/2016	< 420 U	5.0 J	0.40 JB	20800 J	**< 41 U**
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-071216	N	T	JC23920	7/12/2016	< 420 U	4.5 J	0.22 J	16700 J	< 20 U
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-040616	N	T	JC17755	4/6/2016	< 170 UJ	< 0.78 U	< 0.28 U	19900 J	11.4 J
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-010616	N	T	JC12114	1/6/2016	218 J	0.80 J	< 0.069 U	22400	**54.4 J**

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							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-100616	N	T	JC29150	10/6/2016	20100	32.4	< 0.093 UB	10200	8.9 J
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-071216	N	T	JC23920	7/12/2016	20100	25.5	< 0.047 U	10300	< 4.1 U
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-040616	N	T	JC17755	4/6/2016	11000 J	9.2 J	< 0.047 U	11900	6.0 J
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-010616	N	T	JC12114	1/6/2016	23600	34.7	0.21	15600	14.3
WELL	INTERMEDIATE	MW7D	MW7D-45.0-20180423	N	T	JC64763	4/23/2018	25700	**7300**	< 0.13 U	5300 J	< 6.6 U
WELL	INTERMEDIATE	MW7D	MW7D-41.0-20180423	N	T	JC64763	4/23/2018	25300	**8460**	< 0.13 U	5370 J	< 6.6 U
WELL	INTERMEDIATE	MW7D	MW7D-45.5-20150930X	FD	T	JC5098A	9/30/2015	27600	**7150 J**	< 0.069 U	7820 J	< 3.3 U
WELL	INTERMEDIATE	MW7D	MW7D-45.5-20150930	N	T	JC5098A	9/30/2015	26400	**6740 J**	< 0.069 U	7810 J	4.2 J
WELL	INTERMEDIATE	MW7D	MW7D-40.5-20150930	N	T	JC5098A	9/30/2015	25100	**7680 J**	< 0.069 U	6500 J	< 3.3 U
WELL	INTERMEDIATE	MW8D	MW8D-46.5-20150929	N	T	JC4976A	9/29/2015	619000	**695**	< 0.069 U	128000	14.0
WELL	INTERMEDIATE	MW8D	MW8D-41.5-20150929	N	T	JC4976A	9/29/2015	456000	**389**	< 0.21 U	115000	7.5 J
WELL	DEEP	114-MW20C	114-MW20C-20180419	N	T	JC64571	4/19/2018	21200	**506**	< 0.13 U	7060 J	< 6.6 U
WELL	DEEP	114-MW20C	114-MW20C-78.5-20151001	N	T	JC5237A	10/1/2015	30200	**541**	< 0.069 U	7090 J	< 3.3 U
WELL	DEEP	114-MW25C-2	114-MW25C-20180313	N	D	JC62228	3/13/2018	18600	**1360**	< 0.083 U	5740 J	< 6.6 U
WELL	DEEP	114-MW25C-2	114-MW25C-20180313	N	T	JC62228	3/13/2018	34500	**2460**	< 0.25 U	15400 J	< 33 U
WELL	DEEP	114-P1B-MW103D	114-P1B-MW103D-20171214X	FD	T	JC57385	12/14/2017	16400 J	**175**	0.46 J	12300 J	< 33 U
WELL	DEEP	114-P1B-MW103D	114-P1B-MW103D-20171214	N	T	JC57385	12/14/2017	15600 J	**153**	< 0.25 U	12900 J	< 33 U
WELL	DEEP	114-P1-IRM-10D	114-P1-IRM-10D	N	D	JC59745	1/25/2018	34500	**< 300 U**	< 0.40 U	< 20000 U	< 20 U
WELL	DEEP	114-P1-IRM-10D	114-P1-IRM-10D	N	T	JC59745	1/25/2018	32800	**< 300 U**	< 0.40 U	< 20000 U	24.6
WELL	DEEP	114-P1-IRM-18D	114-P1-IRM-18D-20180118	N	D	JC59349	1/18/2018	46900	**248**	< 0.60 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-18D	114-P1-IRM-18D-20180118	N	T	JC59349	1/18/2018	45100	**247**	< 0.60 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-19D	114-P1-IRM-19D-20180117	N	D	JC59023	1/17/2018	15600	34.8	< 0.40 U	< 20000 U	< 40 U
WELL	DEEP	114-P1-IRM-19D	114-P1-IRM-19D-20180117	N	T	JC59023	1/17/2018	15300	47.0	< 0.40 U	< 20000 U	< 40 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20D-20180117	N	D	JC59023	1/17/2018	103000	**212**	< 0.20 U	45300	< 10 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20D-20180117	N	T	JC59023	1/17/2018	102000	**226**	< 0.20 U	43400	< 10 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20B-20180117-DUP	FD	D	JC59023	1/17/2018	104000	**213**	< 0.20 U	43700	< 10 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20B-20180117-DUP	FD	T	JC59023	1/17/2018	104000	**252**	< 0.20 U	44900	< 10 U
WELL	DEEP	114-P1-IRM-21D	114-P1-IRM-21D-20180118	N	D	JC59349	1/18/2018	48000	**< 75 U**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-21D	114-P1-IRM-21D-20180118	N	T	JC59349	1/18/2018	45000	**< 75 U**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-22D	114-P1-IRM-22D-20180118	N	D	JC59349	1/18/2018	140000	**206**	< 0.40 U	45800	**< 100 U**
WELL	DEEP	114-P1-IRM-22D	114-P1-IRM-22D-20180118	N	T	JC59349	1/18/2018	144000	**230**	< 0.40 U	44300	**< 100 U**
WELL	DEEP	114-P1-IRM-23D	114-P1-IRM-23D-20180124	N	D	JC59667	1/24/2018	< 50000 U	**459**	< 0.60 U	< 100000 U	**< 2000 U**
WELL	DEEP	114-P1-IRM-23D	114-P1-IRM-23D-20180124	N	T	JC59667	1/24/2018	< 50000 U	**465**	< 0.60 U	< 100000 U	**< 2000 U**
WELL	DEEP	114-P1-IRM-24D	114-P1-IRM-24D-20180119	N	D	JC59431	1/19/2018	< 25000 U	**< 75 U**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-24D	114-P1-IRM-24D-20180119	N	T	JC59431	1/19/2018	< 25000 UJ-	**< 75 UJ-**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-25D	114-P1-IRM-25D-20180118	N	D	JC59349	1/18/2018	76200	**316**	< 0.60 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-25D	114-P1-IRM-25D-20180118	N	T	JC59349	1/18/2018	66800	**289**	< 0.60 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-26D	114-P1-IRM-26D-20180119	N	D	JC59431	1/19/2018	35200	**268**	< 0.60 U	< 50000 U	**< 1000 U**
WELL	DEEP	114-P1-IRM-26D	114-P1-IRM-26D-20180119	N	T	JC59431	1/19/2018	39800 J-	**279 J-**	< 0.60 U	< 50000 U	**< 1000 U**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-20180122	N	D	JC59495	1/22/2018	12300	**149**	< 0.40 U	< 20000 U	< 20 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-20180122	N	T	JC59495	1/22/2018	13600	**183**	< 0.40 U	< 20000 U	< 20 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	N	T	JC57943A	12/22/2017	12000	**207**	< 0.17 U	13500 J	< 13 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	N	T	JC57943A	12/22/2017	11700	**214**	< 0.17 U	13100 J	< 13 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	N	T	JC57820	12/21/2017	12900	**240**	< 0.25 U	14800	**< 66 U**
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	N	T	JC57820	12/21/2017	12500	**233**	< 0.25 U	14300	**< 66 U**
WELL	DEEP	114-P1-IRM-28D	114-P1-IRM-28D-20180124	N	D	JC59667	1/24/2018	13400	**109**	< 0.20 U	15900	< 10 U
WELL	DEEP	114-P1-IRM-28D	114-P1-IRM-28D-20180124	N	T	JC59667	1/24/2018	13200	**108**	< 0.20 U	15700	< 10 U
WELL	DEEP	114-P1-IRM-29D	114-P1-IRM-29D-20180118	N	D	JC59349	1/18/2018	< 25000 U	**< 1500 U**	< 0.60 U	< 50000 U	**< 1000 U**
WELL	DEEP	114-P1-IRM-29D	114-P1-IRM-29D-20180118	N	T	JC59349	1/18/2018	< 25000 U	**< 1500 U**	< 0.60 U	< 50000 U	**< 1000 U**

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
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							Analyte	MAGNESIUM	MANGANESE	MERCURY	POTASSIUM	SELENIUM
							CAS RN	7439-95-4	7439-96-5	7439-97-6	7440-09-7	7782-49-2
							GWQS	N/A	50	2	N/A	40
							Units	ug/L	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**	**Result**
WELL	DEEP	114-P1-IRM-30D	114-P1-IRM-30D-20180122	N	D	JC59495	1/22/2018	5870	**88.7**	< 0.20 U	< 10000 U	< 10 U
WELL	DEEP	114-P1-IRM-30D	114-P1-IRM-30D-20180122	N	T	JC59495	1/22/2018	6190	**108**	< 0.20 U	< 10000 U	< 10 U
WELL	DEEP	114-P1-IRM-31D	114-P1-IRM-31D-20180119	N	D	JC59431	1/19/2018	< 25000 U	**< 75 U**	< 0.60 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-31D	114-P1-IRM-31D-20180119	N	T	JC59431	1/19/2018	< 25000 UJ-	**294 J-**	< 0.60 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-32D	114-P1-IRM-32D-20180122	N	D	JC59495	1/22/2018	< 5000 U	33.4	< 0.40 U	< 10000 U	< 10 U
WELL	DEEP	114-P1-IRM-32D	114-P1-IRM-32D-20180122	N	T	JC59495	1/22/2018	< 10000 U	**69.0**	< 0.40 U	< 20000 U	< 20 U
WELL	DEEP	114-P1-IRM-33D	114-P1-IRM-33D-20180124	N	D	JC59667	1/24/2018	< 50000 U	**< 150 U**	< 0.60 U	< 100000 U	**< 100 U**
WELL	DEEP	114-P1-IRM-33D	114-P1-IRM-33D-20180124	N	T	JC59667	1/24/2018	< 50000 U	**210**	< 0.60 U	< 100000 U	**< 100 U**
WELL	DEEP	114-P1-IRM-34D	114-P1-IRM-34D	N	D	JC59745	1/25/2018	23900	**51.9**	< 0.20 U	10500	< 10 U
WELL	DEEP	114-P1-IRM-34D	114-P1-IRM-34D	N	T	JC59745	1/25/2018	23500	**67.0**	< 0.20 U	10600	< 10 U
WELL	DEEP	114-P1-IRM-35D	114-P1-IRM-35D-20180122	N	D	JC59495	1/22/2018	52900	**< 1900 U**	< 0.60 U	< 50000 U	**< 1300 U**
WELL	DEEP	114-P1-IRM-35D	114-P1-IRM-35D-20180122	N	T	JC59495	1/22/2018	51700	**< 1900 U**	< 0.60 U	< 50000 U	**< 1300 U**
WELL	DEEP	114-P1-IRM-37D	114-P1-IRM-37D-20180117	N	D	JC59023	1/17/2018	38200	**546**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-37D	114-P1-IRM-37D-20180117	N	T	JC59023	1/17/2018	78900	**289**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-40D	114-P1-IRM-40D-20180118	N	D	JC59349	1/18/2018	33400	**< 750 U**	< 0.60 U	< 50000 U	**< 500 U**
WELL	DEEP	114-P1-IRM-40D	114-P1-IRM-40D-20180118	N	T	JC59349	1/18/2018	38100	**< 750 U**	< 0.60 U	< 50000 U	**< 500 U**
WELL	DEEP	114-P1-IRM-41D	114-P1-IRM-41D-20180126	N	D	JC59838	1/26/2018	< 25000 U	**151**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-41D	114-P1-IRM-41D-20180126	N	T	JC59838	1/26/2018	< 25000 U	**178**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126	N	D	JC59838	1/26/2018	90300	**< 3000 U**	< 0.60 U	< 100000 U	**< 2000 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126	N	T	JC59838	1/26/2018	93900	**< 3000 U**	< 0.60 U	< 100000 U	**< 2000 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126-DUP	FD	D	JC59838	1/26/2018	92900	**< 3000 U**	< 0.60 U	< 100000 U	**< 2000 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126-DUP	FD	T	JC59838	1/26/2018	92200	**< 3000 U**	< 0.60 U	< 100000 U	**< 2000 U**
WELL	DEEP	114-P1-IRM-4D	114-P1-IRM-4D-20180124	N	D	JC59667	1/24/2018	54800	**347**	< 0.60 U	< 100000 U	**< 100 U**
WELL	DEEP	114-P1-IRM-4D	114-P1-IRM-4D-20180124	N	T	JC59667	1/24/2018	56500	**417**	< 0.60 U	< 100000 U	**< 100 U**
WELL	DEEP	114-P1-IRM-5D	114-P1-IRM-5D-DUP-20180124	FD	D	JC59667	1/24/2018	50200	**195**	< 0.60 U	< 20000 U	**< 100 U**
WELL	DEEP	114-P1-IRM-5D	114-P1-IRM-5D-DUP-20180124	FD	T	JC59667	1/24/2018	59200	**252**	< 0.60 U	< 20000 U	**< 100 U**
WELL	DEEP	114-P1-IRM-5D	114-P1-MW-5I-20180124	N	D	JC59556	1/24/2018	33100	**158**	< 0.60 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-IRM-5D	114-P1-MW-5I-20180124	N	T	JC59556	1/24/2018	39800	**657**	< 0.60 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-MW-1D	114-P1-MW-1D-20180129	N	D	JC59916	1/29/2018	< 50000 U	**< 150 U**	< 0.60 U	< 100000 U	**< 100 U**
WELL	DEEP	114-P1-MW-1D	114-P1-MW-1D-20180129	N	T	JC59916	1/29/2018	< 50000 U	**< 150 U**	< 0.60 U	< 100000 U	**< 100 U**
WELL	DEEP	114-P1-MW-4D	114-P1-MW-4D-20180126	N	D	JC59838	1/26/2018	155000	**239**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-MW-4D	114-P1-MW-4D-20180126	N	T	JC59838	1/26/2018	154000	**212**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-MW-5D	114-P1-MW-5D-20180123	N	D	JC59667	1/24/2018	52600	**205**	< 0.60 U	< 100000 U	**< 100 U**
WELL	DEEP	114-P1-MW-5D	114-P1-MW-5D-20180123	N	T	JC59667	1/24/2018	56300	**237**	< 0.60 U	< 100000 U	**< 100 U**
WELL	DEEP	114-P1-MW-6D	114-P1-MW-6D-20180119	N	D	JC59431	1/19/2018	< 25000 U	**< 75 U**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-MW-6D	114-P1-MW-6D-20180119	N	T	JC59431	1/19/2018	25000 J-	**80.5 J-**	< 0.40 U	< 50000 U	**< 50 U**
WELL	DEEP	114-P1-MW-7D	114-P1-MW7D-20180125	N	D	JC59745	1/25/2018	25300	**< 150 U**	< 0.40 U	< 20000 U	< 20 U
WELL	DEEP	114-P1-MW-7D	114-P1-MW7D-20180125	N	T	JC59745	1/25/2018	27300	**< 150 U**	< 0.40 U	< 20000 U	< 20 U
WELL	DEEP	137-MW2C	137-MW2C-20151214	N	T	JC10597	12/14/2015	42900 J	**168**	< 0.069 U	6160 J	3.3 J
WELL	DEEP	MW6C	MC6C-20180129	N	D	JC59916	1/29/2018	75200	**1000**	< 0.20 U	< 50000 U	**< 50 U**
WELL	DEEP	MW6C	MC6C-20180129	N	T	JC59916	1/29/2018	74100	**1000**	< 0.20 U	< 50000 U	**< 50 U**
WELL	DEEP	MW6C	MW6C-57.0-20171220	N	T	JC57752	12/20/2017	70600	**889**	< 0.12 U	10300	< 6.6 U
WELL	DEEP	MW6C	MW6C-62.0-20171220	N	T	JC57752	12/20/2017	70500	**892**	< 0.12 U	10600	< 6.6 U
WELL	DEEP	MW6C	114-MW6C-20160321	N	T	JC16664	3/21/2016	33400	**497**	< 0.047 U	7350 J	6.4 J
WELL	DEEP	MW8F	MW8F-82.0-20151001	N	T	JC5237A	10/1/2015	26900	**559**	< 0.069 U	6980 J	< 3.3 U
WELL	DEEP	MW8F	MW8F-79.5-20151001	N	T	JC5237A	10/1/2015	29400	**458**	< 0.069 U	7180 J	< 3.3 U
WELL	Bedrock	114-MW16B	114-MW16B-20151214	N	T	JC10597	12/14/2015	2300 J	8.3 J	< 0.069 U	19200	< 3.3 U

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							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160622	N	T	JC22758	6/22/2016	1.8 J	**702000**	-	< 1.3 UB
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160314X	FD	T	JC16175	3/14/2016	< 0.88 U	**474000**	-	< 1.3 UB
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20160314	N	T	JC16175	3/14/2016	< 0.88 U	**470000**	-	< 1.3 UB
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20151209	N	T	JC10220A	12/9/2015	< 1.3 U	**761000**	-	< 4.9 UB
WELL	SHALLOW	114-MC-MW101S	114-MC-MW101S-20150921	N	T	JC4371A	9/21/2015	4.1 J	**1270000**	-	6.8 J
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20160624	N	T	JC22939	6/24/2016	< 4.4 U	**7030000**	-	< 6.6 U
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20160314	N	T	JC16175	3/14/2016	< 4.4 U	**5980000**	-	< 1.3 UB
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20151210	N	T	JC10380	12/10/2015	< 6.6 U	**8300000**	-	< 24 U
WELL	SHALLOW	114-MC-MW102S	114-MC-MW102S-20150921	N	T	JC4371A	9/21/2015	< 6.6 U	**8880000**	-	< 24 U
WELL	SHALLOW	114-MW15A	114-MW15A-20180417	N	D	JC64376	4/17/2018	< 3.1 U	40600	-	< 4.0 U
WELL	SHALLOW	114-MW15A	114-MW15A-20180417	N	T	JC64376	4/17/2018	< 3.1 U	40700	-	9.9 J
WELL	SHALLOW	114-MW16A	114-MW16A-20151214-10.65	N	T	JC10597	12/14/2015	< 1.3 U	27400	-	< 4.9 UB
WELL	SHALLOW	114-MW20A	114-MW20A-8.0-20180420	N	T	JC64643	4/20/2018	< 3.1 U	**393000**	323	68.2
WELL	SHALLOW	114-MW20A	114-MW20A-11.0-20180420	N	T	JC64643	4/20/2018	< 3.1 U	**356000**	319	34.6
WELL	SHALLOW	114-MW20A	114-MW20A-12.5-20151001	N	T	JC5237A	10/1/2015	< 1.3 U	**519000**	-	24.8 JB
WELL	SHALLOW	114-MW20A	114-MW20A-10.5-20151001	N	T	JC5237A	10/1/2015	< 1.3 U	**436000**	-	18.8 JB
WELL	SHALLOW	114-MW22A	114-MW22A-11.0-20180419	N	T	JC64571	4/19/2018	< 3.1 U	**332000**	849	< 4.0 U
WELL	SHALLOW	114-MW22A	114-MW22A-16.0-20180419	N	T	JC64571	4/19/2018	< 3.1 U	**321000**	828	6.0 J
WELL	SHALLOW	114-MW24AR	114-MW24AR-20180502	N	T	JC65325	5/2/2018	< 3.1 U	**126000**	683	15.5 J
WELL	SHALLOW	114-MW25A	114-MW25A-20170926	N	T	JC51824	9/26/2017	< 3.1 U	**78600**	-	13.9 J
WELL	SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	N	T	JC57565	12/18/2017	< 3.1 U	**117000**	501	11.7 J
WELL	SHALLOW	114-MW27A	114-MW27A-20170926	N	T	JC51824	9/26/2017	< 3.1 U	48700	-	21.5
WELL	SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	N	T	JC57565	12/18/2017	< 3.1 U	**85900**	211	168
WELL	SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	N	T	JC56729A	12/6/2017	< 3.1 U	48200	295	< 4.0 U
WELL	SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	N	T	JC56859A	12/7/2017	< 3.1 U	15100	314	5.4 J
WELL	SHALLOW	114-MW36A	114-MW36A-20170927-X	FD	T	JC51890	9/27/2017	< 3.1 U	**419000**	-	< 4.0 U
WELL	SHALLOW	114-MW36A	114-MW36A-20170927	N	T	JC51890	9/27/2017	< 3.1 U	**425000**	-	< 4.0 U
WELL	SHALLOW	114-MW37A	114-MW37A-20170928	N	T	JC52029	9/28/2017	< 3.1 U	23600	-	5.5 J
WELL	SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	N	T	JC56504A	12/4/2017	< 6.3 U	49600	297	28.2 J
WELL	SHALLOW	114-MW41A	114-MW41A-20180420	N	T	JC64643	4/20/2018	< 16 U	**127000**	579	< 40 U
WELL	SHALLOW	114-MW42A	114-MW42A-20180417	N	T	JC64376	4/17/2018	< 3.1 U	**96800**	-	30.2
WELL	SHALLOW	114-MW43A	114-MW43A-20180417	N	T	JC64376	4/17/2018	< 3.1 U	**81900**	-	5.2 J
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160916	N	T	JC27812	9/16/2016	1.4 J	**370000**	-	< 1.3 U
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160617	N	T	JC22504	6/17/2016	< 0.88 U	**388000**	-	< 1.3 U
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20160317	N	T	JC16446	3/17/2016	< 0.88 U	**473000**	-	6.3 J
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20151209	N	T	JC10220A	12/9/2015	< 1.3 U	**150000**	-	26.9 JB
WELL	SHALLOW	114-P1A-MW101S	114-P1A-MW101S-20150921	N	T	JC4371A	9/21/2015	< 1.3 U	**487000**	-	< 4.9 U
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20160621	N	T	JC22642	6/21/2016	< 0.88 U	**131000**	-	< 1.3 U
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20160314	N	T	JC16175	3/14/2016	< 0.88 U	**58200**	-	< 1.3 UB
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20151209	N	T	JC10220A	12/9/2015	< 1.3 U	**127000**	-	< 4.9 UB
WELL	SHALLOW	114-P1B-MW101S	114-P1B-MW101S-20150922	N	T	JC4452A	9/22/2015	1.3 J	**125000**	-	< 4.9 U
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20160916	N	T	JC27812	9/16/2016	2.2 J	**1740000**	-	13.8 JB
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20160314	N	T	JC16175	3/14/2016	1.1 J	**1670000**	-	< 1.3 UB
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20151210	N	T	JC10380	12/10/2015	< 1.3 U	**1460000**	-	38.3 JB
WELL	SHALLOW	114-P1B-MW102S	114-P1B-MW102S-20150922	N	T	JC4452A	9/22/2015	< 1.3 U	**1620000**	-	27.9
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20160622	N	T	JC22758	6/22/2016	1.8 J	**303000**	-	< 1.3 U
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20160318	N	T	JC16549	3/18/2016	< 0.88 U	**331000**	-	< 1.3 U
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20151210	N	T	JC10380	12/10/2015	< 1.3 U	**457000**	-	< 4.9 UB
WELL	SHALLOW	114-P1B-MW103S	114-P1B-MW103S-20150922	N	T	JC4452A	9/22/2015	4.0 J	**604000**	-	< 4.9 U

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20160621	N	T	JC22642	6/21/2016	< 0.88 U	**253000**	-	< 1.3 U
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20160322	N	T	JC16738	3/22/2016	< 0.88 U	**261000**	-	5.5 J
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20151211	N	T	JC10525	12/11/2015	< 1.3 U	**252000**	-	< 4.9 UB
WELL	SHALLOW	114-P1B-MW104S	114-P1B-MW104S-20150922	N	T	JC4452A	9/22/2015	< 1.3 U	**243000**	-	< 4.9 U
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20160620	N	T	JC22555	6/20/2016	< 0.88 UB	**1540000**	-	22.6
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20160316	N	T	JC16336	3/16/2016	< 4.4 U	**1280000**	-	57.5 J
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20151211	N	T	JC10525	12/11/2015	< 1.3 U	**1550000**	-	< 4.9 UB
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20150923X	FD	T	JC4555A	9/23/2015	2.3 J	**1850000**	-	< 4.9 U
WELL	SHALLOW	114-P1C-MW101S	114-P1C-MW101S-20150923	N	T	JC4555A	9/23/2015	1.9 J	**1790000**	-	< 4.9 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20161212X	FD	T	JC33522	12/12/2016	1.1 J	32300	-	< 1.3 UB
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20161212	N	T	JC33522	12/12/2016	1.3 J	32500	-	10.7 JB
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160914X	FD	T	JC27595	9/14/2016	< 0.88 U	**71000**	-	< 1.3 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160914	N	T	JC27595	9/14/2016	< 0.88 U	**69100**	-	< 1.3 U
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160628	N	T	JC23103	6/28/2016	< 0.88 U	**423000**	-	4.1 JB
WELL	SHALLOW	114-P2A-MW101S	114-P2A-MW101S-20160324	N	T	JC16953	3/24/2016	< 4.4 UJ	**109000**	-	9.4 J
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20161212	N	T	JC33522	12/12/2016	1.7 J	**299000**	-	46.8
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160914	N	T	JC27595	9/14/2016	< 0.88 U	**332000**	-	< 1.3 U
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160628	N	T	JC23103	6/28/2016	1.3 J	**384000**	-	39.8
WELL	SHALLOW	114-P2A-MW102S	114-P2A-MW102S-20160324	N	T	JC16953	3/24/2016	< 4.4 UJ	**390000**	-	8.2 J
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20161213	N	T	JC33573	12/13/2016	6.1 J	**546000**	-	480
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160915	N	T	JC27716	9/15/2016	11.2 J	**666000**	-	22.2 J
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160627	N	T	JC23029	6/27/2016	10.7	**642000**	-	35.7
WELL	SHALLOW	114-P2A-MW103S	114-P2A-MW103S-20160325	N	T	JC17059	3/25/2016	4.5 J	**449000**	-	51.3 J
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20161214	N	T	JC33691	12/14/2016	2.6 J	**549000**	-	58.0
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160915	N	T	JC27716	9/15/2016	1.3 J	**519000**	-	< 1.3 UB
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160629	N	T	JC23208	6/29/2016	< 0.88 U	**532000**	-	< 1.3 U
WELL	SHALLOW	114-P2A-MW104S	114-P2A-MW104S-20160325	N	T	JC17059	3/25/2016	< 4.4 U	**521000**	-	23.3 J
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20160620	N	T	JC22555	6/20/2016	< 0.88 UB	**197000**	-	13.4 J
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20160315	N	T	JC16239	3/15/2016	4.2 J	**319000**	-	30.6 JB
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20151210X	FD	T	JC10380	12/10/2015	< 1.3 U	**553000**	-	< 4.9 UB
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20151210	N	T	JC10380	12/10/2015	< 1.3 U	**567000**	-	< 4.9 UB
WELL	SHALLOW	114-P2B1-MW101S	114-P2B1-MW101S-20150922	N	T	JC4452A	9/22/2015	6.2 J	**1190000**	-	18.8 J
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20160623	N	T	JC22854	6/23/2016	3.6 J	**1090000**	-	9.2 J
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20160316	N	T	JC16336	3/16/2016	< 4.4 U	**1900000**	-	< 6.6 U
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20151211	N	T	JC10525	12/11/2015	< 1.3 U	**1860000**	-	< 4.9 UB
WELL	SHALLOW	114-P2B1-MW102S	114-P2B1-MW102S-20150923	N	T	JC4555A	9/23/2015	4.7 J	**2720000**	-	< 4.9 U
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20160623	N	T	JC22854	6/23/2016	2.0 J	**1700000**	-	6.8 J
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20160316	N	T	JC16336	3/16/2016	< 4.4 U	**1200000**	-	< 6.6 UB
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20151211	N	T	JC10525	12/11/2015	< 1.3 U	**2050000**	-	< 4.9 UB
WELL	SHALLOW	114-P2B1-MW103S	114-P2B1-MW103S-20150923	N	T	JC4555A	9/23/2015	2.5 J	**2310000**	-	< 4.9 U
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20160620	N	T	JC22555	6/20/2016	< 0.88 UB	**504000**	-	< 1.3 U
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20160315	N	T	JC16239	3/15/2016	< 0.88 U	**630000**	-	< 1.3 UB
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20151209	N	T	JC10220A	12/9/2015	1.3 J	**1060000**	-	< 4.9 UB
WELL	SHALLOW	114-P2B2-MW101S	114-P2B2-MW101S-20150921	N	T	JC4371A	9/21/2015	4.6 J	**1290000**	-	< 4.9 U
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20160622	N	T	JC22758	6/22/2016	3.6 J	**1010000**	-	< 1.3 U
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20160315	N	T	JC16239	3/15/2016	< 0.88 U	**526000**	-	< 1.3 UB
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20151210	N	T	JC10380	12/10/2015	< 1.3 U	**1190000**	-	< 4.9 UB
WELL	SHALLOW	114-P2B3-MW101S	114-P2B3-MW101S-20150925	N	T	JC4798A	9/25/2015	7.8 J	**1030000**	-	< 4.9 U
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20160621	N	T	JC22642	6/21/2016	< 4.4 U	**2990000**	-	25.3

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							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20160316	N	T	JC16336	3/16/2016	< 4.4 U	**3960000**	-	< 6.6 U
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20151210	N	T	JC10380	12/10/2015	< 6.6 U	**4320000**	-	< 24 U
WELL	SHALLOW	114-P2B4-MW101S	114-P2B4-MW101S-20150928	N	T	JC4872A	9/28/2015	23.5	**5840000**	-	< 240 U
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20160621	N	T	JC22642	6/21/2016	< 4.4 U	**7600000**	-	< 6.6 U
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20160322	N	T	JC16738	3/22/2016	< 4.4 U	**6130000**	-	< 1.3 U
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20151211	N	T	JC10525	12/11/2015	< 6.6 U	**9060000**	-	< 24 U
WELL	SHALLOW	114-P2B4-MW102S	114-P2B4-MW102S-20150925	N	T	JC4798A	9/25/2015	13.2 J	**11200000**	-	< 24 U
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20160622	N	T	JC22758	6/22/2016	6.1 J	**3610000**	-	16.9 JB
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20160316	N	T	JC16336	3/16/2016	< 4.4 U	**3470000**	-	< 6.6 UB
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20151210	N	T	JC10380	12/10/2015	< 6.6 U	**4680000**	-	36.0 JB
WELL	SHALLOW	114-P2B4-MW103S	114-P2B4-MW103S-20150928	N	T	JC4872A	9/28/2015	15.9	**4450000**	-	< 24 U
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20160617	N	T	JC22504	6/17/2016	< 0.88 U	**86100**	-	724
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20160317	N	T	JC16446	3/17/2016	< 0.88 U	45900	-	1600
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20151215	N	T	JC10723	12/15/2015	3.9 J	**117000**	-	933
WELL	SHALLOW	132-P3A-MW102S	132-P3A-MW102S-20150929	N	T	JC4978A	9/29/2015	6.7 J	**70800**	-	**2630**
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20160616	N	T	JC22356	6/16/2016	10.3 J	**2560000**	-	46.6
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20160318	N	T	JC16549	3/18/2016	< 0.88 U	**132000**	-	14.3 J
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20151215	N	T	JC10723	12/15/2015	2.4 J	**267000**	-	76.2 J
WELL	SHALLOW	132-P3A-MW103S	132-P3A-MW103S-20150930	N	T	JC5099A	9/30/2015	8.8 J	**5470000**	-	29.3
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20160616	N	T	JC22356	6/16/2016	< 0.88 UJ	18800	-	25.8
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20160318	N	T	JC16549	3/18/2016	< 0.88 U	**191000**	-	48.9
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20151215	N	T	JC10723	12/15/2015	2.8 J	**69100**	-	40.7 JB
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20150929X	FD	T	JC4978A	9/29/2015	1.3 J	**216000**	-	10.3 J
WELL	SHALLOW	132-P3A-MW104S	132-P3A-MW104S-20150929	N	T	JC4978A	9/29/2015	< 1.3 U	**225000**	-	10.8 J
WELL	SHALLOW	132-P3A-MW3	132-P3A-MW3-15.0-20180424	N	T	JC64822	4/24/2018	-	-	-	-
WELL	SHALLOW	132-P3A-MW3	132-P3A-MW3-11.0-20180424	N	T	JC64822	4/24/2018	-	-	-	-
WELL	SHALLOW	132-P3A-MW4	132-P3A-MW4-13.0-20180424	N	T	JC64822	4/24/2018	-	-	-	-
WELL	SHALLOW	132-P3A-MW4	132-P3A-MW4-17.0-20180424X	FD	T	JC64822	4/24/2018	-	-	-	-
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20161216	N	T	JC33887	12/16/2016	4.0 J	**1420000**	-	401
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160913X	FD	T	JC27486	9/13/2016	3.0 JB	**1960000**	-	< 1.3 UB
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160913	N	T	JC27486	9/13/2016	2.8 JB	**1950000**	-	< 1.3 UB
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160616	N	T	JC22356	6/16/2016	< 0.88 UJ	**1030000**	-	50.1
WELL	SHALLOW	133-P3C-MW101S	133-P3C-MW101S-20160324	N	T	JC16937	3/24/2016	< 4.4 UJ	**1210000**	-	25.6 J
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20161216X	FD	T	JC33887	12/16/2016	3.4 J	**506000**	-	515 J
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20161216	N	T	JC33887	12/16/2016	3.1 J	**514000**	-	372 J
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160913	N	T	JC27486	9/13/2016	< 0.88 UB	**337000**	-	< 1.3 UB
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160615	N	T	JC22273	6/15/2016	1.6 J	**429000 J**	-	23.6
WELL	SHALLOW	133-P3C-MW102S	133-P3C-MW102S-20160324	N	T	JC16937	3/24/2016	< 4.4 UJ	**830000**	-	< 6.6 U
WELL	SHALLOW	135-MW2A	135-MW2A-6.0-20180423	N	T	JC64763	4/23/2018	< 3.1 U	-	1550	50.0
WELL	SHALLOW	135-MW2A	135-MW2A-10.0-20180423	N	T	JC64763	4/23/2018	< 3.1 U	-	1460	79.5
WELL	SHALLOW	135-MW2A	135-MW2A-14.0-20180423	N	T	JC64763	4/23/2018	< 3.1 U	-	1290	73.7
WELL	SHALLOW	135-MW2A	135-MW2A-14.7	N	T	JC5499	10/6/2015	< 1.3 U	**747000**	-	24.2
WELL	SHALLOW	135-MW2A	135-MW2A-12.5	N	T	JC5499	10/6/2015	< 1.3 U	**473000**	-	21.7
WELL	SHALLOW	135-MW2A	135-MW2A-8.5	N	T	JC5499	10/6/2015	< 1.3 U	**431000**	-	34.5
WELL	SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	N	T	JC64763	4/23/2018	< 3.1 U	-	807	23.3
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20160615	N	T	JC22273	6/15/2016	**83.2**	**4000000 J**	-	< 2.6 U
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20160321	N	T	JC16664	3/21/2016	< 0.88 U	**3620000**	-	< 1.3 U
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20151216	N	T	JC10831	12/16/2015	< 6.6 U	**4210000**	-	< 24 U
WELL	SHALLOW	137-P3B-MW101S	137-P3B-MW101S-20150930	N	T	JC5099A	9/30/2015	13.7	**3590000**	-	< 4.9 U

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Garfield Avenue Group of Sites
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							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160615X	FD	T	JC22273	6/15/2016	< 18 U	**3650000 J**	-	< 1.3 U
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160615	N	T	JC22273	6/15/2016	18.3 J	**5720000 J**	-	14.7 J
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20160321	N	T	JC16664	3/21/2016	< 4.4 U	**8040000**	-	< 6.6 U
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20151216	N	T	JC10831	12/16/2015	< 6.6 U	**3390000**	-	< 24 U
WELL	SHALLOW	137-P3B-MW102S	137-P3B-MW102S-20150930	N	T	JC5099A	9/30/2015	22.2 J	**6530000**	-	< 24 U
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160620	N	T	JC22555	6/20/2016	< 0.88 UB	**126000**	-	49.0
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160318X	FD	T	JC16549	3/18/2016	1.1 J	**84800**	-	75.2
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20160318	N	T	JC16549	3/18/2016	0.90 J	**88700**	-	73.7
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20151214	N	T	JC10593	12/14/2015	2.6 J	**246000**	-	< 4.9 UB
WELL	SHALLOW	143-P3A-MW101S	143-P3A-MW101S-20150928	N	T	JC4872A	9/28/2015	< 1.3 U	**248000**	-	5.0 J
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-083016	N	T	JC26754	8/30/2016	1.6 J	**419000**	-	< 1.3 U
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-060316	N	T	JC21504	6/3/2016	< 0.88 U	**360000**	-	< 1.3 U
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-022516	N	T	JC14874	2/25/2016	< 1.3 U	**489000**	-	< 4.9 U
WELL	SHALLOW	GPS-EW1S	GPS-EW1S-111715	N	T	JC8703	11/17/2015	< 1.3 U	**334000**	-	< 4.9 U
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-083016	N	T	JC26754	8/30/2016	1.0 J	**250000**	-	< 1.3 U
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-060316	N	T	JC21504	6/3/2016	< 0.88 U	**284000**	-	5.0 J
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-022516	N	T	JC14874	2/25/2016	< 1.3 U	**229000**	-	< 4.9 U
WELL	SHALLOW	GPS-EW2S	GPS-EW2S-111715	N	T	JC8703	11/17/2015	< 1.3 U	**390000**	-	< 4.9 U
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-083016	N	T	JC26754	8/30/2016	< 0.88 U	**298000**	-	< 1.3 U
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-060316	N	T	JC21504	6/3/2016	< 0.88 U	**265000**	-	< 1.3 U
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-022516	N	T	JC14874	2/25/2016	< 1.3 U	**365000**	-	< 4.9 U
WELL	SHALLOW	GPS-EW3S	GPS-EW3S-111715	N	T	JC8703	11/17/2015	< 1.3 U	**342000**	-	< 4.9 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-20171221	N	D	JC57864	12/21/2017	< 10 U	**402000 J**	-	< 20 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-20171221	N	T	JC57864	12/21/2017	< 10 U	**324000 J**	-	< 20 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-083016	N	T	JC26754	8/30/2016	1.4 J	**1020000**	-	7.1 J
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-060316	N	T	JC21504	6/3/2016	< 1.8 U	**1480000**	-	5.2 J
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-022516	N	T	JC14874	2/25/2016	< 2.6 U	**1480000**	-	< 9.8 U
WELL	SHALLOW	GPS-MW1S	GPS-MW1S-111715	N	T	JC8703	11/17/2015	< 1.3 U	**611000**	-	< 4.9 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-20171221	N	D	JC57859	12/21/2017	< 10 U	**112000**	-	< 20 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-20171221	N	T	JC57859	12/21/2017	< 10 U	**109000**	-	< 20 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-DUP-20171221	FD	D	JC57859	12/21/2017	< 10 U	**113000**	-	< 20 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-DUP-20171221	FD	T	JC57859	12/21/2017	< 10 U	**105000**	-	< 20 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-083016	N	T	JC26754	8/30/2016	1.5 J	**329000**	-	< 1.3 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-060316	N	T	JC21504	6/3/2016	< 0.88 U	**335000**	-	< 1.3 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-022516	N	T	JC14874	2/25/2016	< 1.3 U	**239000**	-	< 4.9 U
WELL	SHALLOW	GPS-MW2S	GPS-MW2S-111715	N	T	JC8703	11/17/2015	< 1.3 U	**798000**	-	< 4.9 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-20171221	N	D	JC57864	12/21/2017	< 10 U	**412000**	-	< 20 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-20171221	N	T	JC57864	12/21/2017	< 10 U	**384000**	-	< 20 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-083016	N	T	JC26754	8/30/2016	1.4 J	**608000**	-	< 1.3 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-060316	N	T	JC21504	6/3/2016	< 0.88 U	**535000**	-	< 1.3 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-022516	N	T	JC14874	2/25/2016	< 1.3 U	**586000**	-	< 4.9 U
WELL	SHALLOW	GPS-MW3S	GPS-MW3S-111715	N	T	JC8703	11/17/2015	< 1.3 U	**462000**	-	< 4.9 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-20171221	N	D	JC57859	12/21/2017	< 10 U	**344000**	-	< 20 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-20171221	N	T	JC57859	12/21/2017	< 10 U	**326000**	-	< 20 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-083016	N	T	JC26754	8/30/2016	< 0.88 U	**245000**	-	< 1.3 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-060316	N	T	JC21504	6/3/2016	< 0.88 U	**278000**	-	< 1.3 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-022516	N	T	JC14874	2/25/2016	< 1.3 U	**259000**	-	< 4.9 U
WELL	SHALLOW	GPS-MW4S	GPS-MW4S-111715	N	T	JC8703	11/17/2015	< 1.3 U	**229000**	-	< 4.9 U
WELL	SHALLOW	GPS-MW5S	GPS-MW5S-20180130	N	D	JC59976	1/30/2018	< 20 U	**767000**	-	< 40 U

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	SHALLOW	GPS-MW5S	GPS-MW5S-20180130	N	T	JC59976	1/30/2018	< 20 U	**744000**	-	137
WELL	SHALLOW	GPS-MW7S	GPS-MW7S-20171221	N	D	JC57864	12/21/2017	< 10 U	**205000**	-	< 20 U
WELL	SHALLOW	GPS-MW7S	GPS-MW7S-20171221	N	T	JC57864	12/21/2017	< 10 U	**212000**	-	29.2
WELL	SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-20161219	N	T	JC33993	12/19/2016	< 0.88 U	**1630000**	-	325
WELL	SHALLOW	HSS-P3C-MW1S	HSS-P3C-MW1S-20160617	N	T	JC22504	6/17/2016	5.4 J	**4180000**	-	957
WELL	SHALLOW	HSS-P3C-MW2S	HSS-P3C-MW2S-20161215	N	T	JC33793	12/15/2016	12.0 J	**970000**	-	1030
WELL	SHALLOW	HSS-P3C-MW2S	HSS-P3C-MW2S-20160616	N	T	JC22356	6/16/2016	< 0.88 UJ	**592000**	-	< 1.3 U
WELL	SHALLOW	MW-34	MW34-20151214-15.5	N	T	JC10597	12/14/2015	< 1.3 U	**122000**	-	37.6 JB
WELL	SHALLOW	MW-34	MW34-20151214-10.5	N	T	JC10597	12/14/2015	< 1.3 U	**117000**	-	38.5 JB
WELL	SHALLOW	MW7S	MW7S-10.2-20150930	N	T	JC5098A	9/30/2015	8.3 J	**350000**	-	639
WELL	SHALLOW	MW7S	MW7S-7.2-20150930	N	T	JC5098A	9/30/2015	8.4 J	**320000**	-	549
WELL	SHALLOW	MW8S	MW8S-9.5-20151001	N	T	JC5237A	10/1/2015	< 1.3 U	**455000**	-	46.0 JB
WELL	SHALLOW	MW-Morris1A	114-MW-MORRIS1A-20160321	N	T	JC16664	3/21/2016	< 0.88 U	**2360000**	-	15.3 J
SOILBORE	N/A	114-P1C-PZ1-S1	114-P1C-PZ1-W1-31.0-33.0	N	T	JC29542	10/12/2016	25.0 J	**199000**	-	1210
SOILBORE	N/A	114-P1C-PZ1-S1	114-P1C-PZ1-W1-24.0-26.0	N	T	JC29542	10/12/2016	< 8.8 U	**213000**	-	**9470**
SOILBORE	N/A	114-P1C-PZ1-S2	114-P1C-PZ1-W2-27.0-29.0	N	T	JC29754	10/14/2016	13.5 J	**1140000**	-	759
SOILBORE	N/A	114-P1C-PZ1-S2	114-P1C-PZ1-W2-24.0-26.0	N	T	JC29754	10/14/2016	1.3 J	**626000**	-	78.4
SOILBORE	N/A	114-P1C-PZ2-S1	114-P1C-PZ2-W1-25.0-27.0	N	T	JC29434	10/11/2016	7.0 J	**843000**	-	908
SOILBORE	N/A	114-P1C-PZ2-S1	114-P1C-PZ2-W1-16.5-17.5	N	T	JC29434	10/11/2016	31.0 J	**739000**	-	**13300**
SOILBORE	N/A	114-P1C-PZ2-S2	114-P1C-PZ2-W2-31.0-33.0	N	T	JC29606	10/13/2016	< 8.8 U	**790000**	-	952
SOILBORE	N/A	114-P1C-PZ2-S2	114-P1C-PZ2-W2-25.0-27.0	N	T	JC29606	10/13/2016	14.0 J	**1110000**	-	**2410**
WELL	INTERMEDIATE	10W-MW105I	10W-MW105I-20180312	N	T	JC62130	3/12/2018	< 3.1 U	**115000**	-	10.3 J
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20160623	N	T	JC22854	6/23/2016	1.2 J	**1730000**	-	26.4
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20160322	N	T	JC16738	3/22/2016	3.7 J	**2190000**	-	18.6 J
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20151214	N	T	JC10593	12/14/2015	3.1 J	**2910000**	-	< 4.9 UB
WELL	INTERMEDIATE	114-MC-EW103	114-MC-EW103-20150924	N	T	JC4675A	9/24/2015	< 1.3 U	**2890000**	-	6.9 J
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20180129	N	D	JC59916	1/29/2018	**< 50 U**	**3310000**	-	< 100 U
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20180129	N	T	JC59916	1/29/2018	**< 50 U**	**2970000**	-	< 100 U
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20160623	N	T	JC22854	6/23/2016	< 0.88 U	**3040000**	-	16.2 J
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20160321	N	T	JC16664	3/21/2016	< 0.88 U	**3100000**	-	< 1.3 U
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20151214	N	T	JC10593	12/14/2015	8.8 J	**3400000**	-	31.1 JB
WELL	INTERMEDIATE	114-MC-PZ103	114-MC-PZ103-20150924	N	T	JC4675A	9/24/2015	< 1.3 U	**3500000**	-	< 15 U
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20180129	N	D	JC59916	1/29/2018	**< 100 U**	**1040000**	-	< 600 U
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20180129	N	T	JC59916	1/29/2018	**< 100 U**	**1000000**	-	< 600 U
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20160623	N	T	JC22854	6/23/2016	17.4 J	**765000**	-	< 52 U
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20160322	N	T	JC16738	3/22/2016	4.8 J	**963000**	-	< 26 U
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20151214	N	T	JC10593	12/14/2015	16.9 J	**1260000**	-	140 J
WELL	INTERMEDIATE	114-MC-PZ203	114-MC-PZ203-20150924	N	T	JC4675A	9/24/2015	4.4 J	**1080000**	-	< 24 U
WELL	INTERMEDIATE	114-MW20B	114-MW20B-20180419	N	T	JC64571	4/19/2018	< 16 U	**849000**	1150	< 400 U
WELL	INTERMEDIATE	114-MW20B	114-MW20B-36.0-20151001	N	T	JC5237A	10/1/2015	< 1.3 U	**436000**	-	25.0 JB
WELL	INTERMEDIATE	114-MW22B	114-MW22B-20180419	N	D	JC64571	4/19/2018	< 3.1 U	**74200**	**2090**	< 4.0 U
WELL	INTERMEDIATE	114-MW22B	114-MW22B-20180419	N	T	JC64571	4/19/2018	< 3.1 U	**75100**	**2310**	< 4.0 U
WELL	INTERMEDIATE	114-MW24B	114-MW24B-20180312	N	T	JC62130	3/12/2018	< 3.1 U	**64100**	-	103
WELL	INTERMEDIATE	114-MW25B	114-MW25B-20170928	N	T	JC52029	9/28/2017	< 3.1 U	12000	-	< 4.0 U
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313X	FD	D	JC62228	3/13/2018	< 3.1 U	47700	-	< 24.4 UB
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313X	FD	T	JC62228	3/13/2018	< 3.1 U	47400	-	82.5
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313	N	D	JC62228	3/13/2018	< 3.1 U	47800	-	< 28.8 UB
WELL	INTERMEDIATE	114-MW26B	114-MW26B-20180313	N	T	JC62228	3/13/2018	< 3.1 U	47500	-	74.3
WELL	INTERMEDIATE	114-MW27B	114-MW27B-20170928	N	T	JC52029	9/28/2017	< 3.1 U	17400	-	17.8 J

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							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	FD	T	JC56729A	12/6/2017	< 3.1 U	**538000**	1060	24.6
WELL	INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	N	T	JC56729A	12/6/2017	< 3.1 U	**535000**	1060	30.9
WELL	INTERMEDIATE	114-MW36B	114-MW36B-20170927	N	T	JC51890	9/27/2017	< 6.3 U	17100 J	-	114
WELL	Intermediate	114-MW37B	114-MW37B-20170926	N	T	JC51824	9/26/2017	< 3.1 U	31500	-	5.9 J
WELL	Intermediate	114-MW38B	FORREST-114-MW38B-20171204	N	T	JC56504A	12/4/2017	< 3.1 U	13700	162	44.9
WELL	INTERMEDIATE	114-MW41B	114-MW41B-20180420	N	T	JC64643	4/20/2018	< 16 U	**641000**	180	< 200 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20180129	N	D	JC59916	1/29/2018	**< 50 U**	**129000**	-	< 100 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20180129	N	T	JC59916	1/29/2018	**< 50 U**	**132000**	-	< 100 U
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160617X	FD	T	JC22504	6/17/2016	< 0.88 U	**156000**	-	24.9
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160617	N	T	JC22504	6/17/2016	1.1 J	**151000**	-	27.2
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20160317	N	T	JC16446	3/17/2016	< 0.88 U	**165000**	-	19.3 J
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20151211	N	T	JC10525	12/11/2015	1.6 J	**175000**	-	< 4.9 UB
WELL	INTERMEDIATE	114-P1A-MW101I	114-P1A-MW101I-20150921	N	T	JC4371A	9/21/2015	< 1.3 U	**170000**	-	24.1
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-ARC	N	D	JC59556	1/23/2018	**< 50 U**	**443000**	-	< 500 U
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-ARC	N	T	JC59556	1/23/2018	**< 50 U**	**425000**	-	< 500 U
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20160621	N	T	JC22642	6/21/2016	7.2 J	**402000**	-	< 26 U
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20160323	N	T	JC16843	3/23/2016	9.3 J	**415000**	-	53.4 J
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20151216	N	T	JC10831	12/16/2015	3.4 J	**390000**	-	105 J
WELL	INTERMEDIATE	114-P1B-MW101I	114-P1B-MW101I-20150922	N	T	JC4452A	9/22/2015	< 1.3 U	**384000**	-	689
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-ARC	N	D	JC59556	1/23/2018	< 20 U	**309000**	-	48.6
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-ARC	N	T	JC59556	1/23/2018	< 20 U	**308000**	-	< 40 U
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20160916	N	T	JC27812	9/16/2016	< 8.8 U	**715000**	-	232 J
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20160323	N	T	JC16843	3/23/2016	22.0 J	**597000**	-	105 J
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20151216	N	T	JC10831	12/16/2015	11.0 J	**527000**	-	< 240 U
WELL	INTERMEDIATE	114-P1B-MW102I	114-P1B-MW102I-20150924	N	T	JC4675A	9/24/2015	9.0 J	**512000**	-	< 240 U
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I	N	D	JC59556	1/23/2018	< 10 U	**789000**	-	178
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I	N	T	JC59556	1/23/2018	< 10 U	**715000**	-	161
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20160620	N	T	JC22555	6/20/2016	< 0.88 UB	**709000**	-	130
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20160316	N	T	JC16336	3/16/2016	< 4.4 U	**574000**	-	103
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20151211	N	T	JC10525	12/11/2015	< 1.3 U	**595000**	-	64.9 JB
WELL	INTERMEDIATE	114-P1C-MW101I	114-P1C-MW101I-20150923	N	T	JC4555A	9/23/2015	< 1.3 U	**594000**	-	21.5 JB
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-ARC	N	D	JC59745	1/25/2018	< 10 U	**449000**	-	< 20 U
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-ARC	N	T	JC59745	1/25/2018	< 10 U	**467000**	-	< 20 U
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160912	N	T	JC27433	9/12/2016	< 0.88 UB	**414000**	-	45.4
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160624	N	T	JC22933	6/24/2016	1.1 J	**399000**	-	45.0
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20160325	N	T	JC17054	3/25/2016	1.4 J	**556000**	-	33.9
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20151211	N	T	JC10525	12/11/2015	< 1.3 U	**276000**	-	40.3 JB
WELL	INTERMEDIATE	114-P1C-PZ1	114-P1C-PZ1-20150923	N	T	JC4555A	9/23/2015	< 1.3 U	**229000**	-	< 4.9 UB
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-ARC	N	D	JC59745	1/25/2018	< 10 U	**956000**	-	< 20 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-ARC	N	T	JC59745	1/25/2018	< 10 U	**971000**	-	< 20 U
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160912	N	T	JC27433	9/12/2016	< 0.88 UB	**384000**	-	< 1.3 UB
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160624	N	T	JC22933	6/24/2016	1.0 J	**459000**	-	13.3 J
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20160325	N	T	JC17054	3/25/2016	2.6 J	**424000**	-	48.5
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20151211	N	T	JC10525	12/11/2015	< 1.3 U	**438000**	-	< 4.9 UB
WELL	INTERMEDIATE	114-P1C-PZ2	114-P1C-PZ2-20150923	N	T	JC4555A	9/23/2015	< 1.3 U	**756000**	-	18.6 JB
WELL	INTERMEDIATE	114-P1-IRM-1	114-P1-IRM-1-20180116	N	D	JC58932	1/16/2018	**< 500 U**	**788000 J**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-1	114-P1-IRM-1-20180116	N	T	JC58932	1/16/2018	**< 500 U**	**562000 J**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-10I	114-P1-IRM-10I	N	D	JC59745	1/25/2018	< 20 U	**574000**	-	< 800 U
WELL	INTERMEDIATE	114-P1-IRM-10I	114-P1-IRM-10I	N	T	JC59745	1/25/2018	< 20 U	**530000**	-	< 1000 U

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-IRM-11	114-P1-IRM-11-20180118	N	D	JC59349	1/18/2018	**< 50 U**	**694000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-11	114-P1-IRM-11-20180118	N	T	JC59349	1/18/2018	**< 50 U**	**727000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-12	114-P1-IRM-12-20180118	N	D	JC59349	1/18/2018	**< 50 U**	**504000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-12	114-P1-IRM-12-20180118	N	T	JC59349	1/18/2018	**< 50 U**	**544000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-13	114-P1-IRM-13-20180116	N	D	JC58932	1/16/2018	**< 1300 U**	**1420000**	-	**< 2500 U**
WELL	INTERMEDIATE	114-P1-IRM-13	114-P1-IRM-13-20180116	N	T	JC58932	1/16/2018	**< 1300 U**	**1390000**	-	**< 2500 U**
WELL	INTERMEDIATE	114-P1-IRM-14	114-P1-IRM-14-20180116	N	D	JC58932	1/16/2018	**< 500 U**	**915000 J**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-14	114-P1-IRM-14-20180116	N	T	JC58932	1/16/2018	**< 500 U**	**718000 J**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-15	114-P1-IRM-15-20180122	N	D	JC59495	1/22/2018	< 20 U	**298000**	-	< 200 U
WELL	INTERMEDIATE	114-P1-IRM-15	114-P1-IRM-15-20180122	N	T	JC59495	1/22/2018	< 20 U	**313000**	-	< 200 U
WELL	INTERMEDIATE	114-P1-IRM-16	114-P1-IRM-16-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**1210000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-IRM-16	114-P1-IRM-16-20180116	N	T	JC58932	1/16/2018	**< 1000 U**	**1130000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-IRM-17	114-P1-IRM-17-20180122	N	D	JC59495	1/22/2018	**< 50 U**	**6200000**	-	< 100 U
WELL	INTERMEDIATE	114-P1-IRM-17	114-P1-IRM-17-20180122	N	T	JC59495	1/22/2018	**< 50 U**	**6330000**	-	< 100 U
WELL	INTERMEDIATE	114-P1-IRM-18I	114-P1-IRM-18I-20180118	N	D	JC59349	1/18/2018	**< 50 U**	**538000**	-	< 500 U
WELL	INTERMEDIATE	114-P1-IRM-18I	114-P1-IRM-18I-20180118	N	T	JC59349	1/18/2018	**< 50 U**	**544000**	-	< 500 U
WELL	INTERMEDIATE	114-P1-IRM-19I	114-P1-IRM-19I-20180117	N	D	JC59023	1/17/2018	**< 50 U**	**634000**	-	< 100 U
WELL	INTERMEDIATE	114-P1-IRM-19I	114-P1-IRM-19I-20180117	N	T	JC59023	1/17/2018	**< 50 U**	**603000**	-	< 100 U
WELL	INTERMEDIATE	114-P1-IRM-2	114-P1-IRM-2-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**677000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-IRM-2	114-P1-IRM-2-20180116	N	T	JC58932	1/16/2018	**< 1000 U**	**695000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-IRM-20I	114-P1-IRM-20I-20180117	N	D	JC59023	1/17/2018	< 10 U	**630000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-20I	114-P1-IRM-20I-20180117	N	T	JC59023	1/17/2018	< 10 U	**631000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-21I	114-P1-IRM-21I-20180118	N	D	JC59349	1/18/2018	< 10 U	**3020000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-21I	114-P1-IRM-21I-20180118	N	T	JC59349	1/18/2018	< 10 U	**3130000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-22I	114-P1-IRM-22I-20180118	N	D	JC59349	1/18/2018	< 10 U	**607000**	-	< 40 U
WELL	INTERMEDIATE	114-P1-IRM-22I	114-P1-IRM-22I-20180118	N	T	JC59349	1/18/2018	< 20 U	**601000**	-	< 80 U
WELL	INTERMEDIATE	114-P1-IRM-24I	114-P1-IRM-24I-20180118	N	D	JC59349	1/18/2018	< 20 U	**812000**	-	< 200 U
WELL	INTERMEDIATE	114-P1-IRM-24I	114-P1-IRM-24I-20180118	N	T	JC59349	1/18/2018	< 20 U	**767000**	-	< 200 U
WELL	INTERMEDIATE	114-P1-IRM-25I	114-P1-IRM-25I-20180118	N	D	JC59349	1/18/2018	< 10 U	**864000**	-	20.1
WELL	INTERMEDIATE	114-P1-IRM-25I	114-P1-IRM-25I-20180118	N	T	JC59349	1/18/2018	< 10 U	**796000**	-	21.7
WELL	INTERMEDIATE	114-P1-IRM-26I	114-P1-IRM-26I-20180118	N	D	JC59349	1/18/2018	< 10 U	**1110000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-26I	114-P1-IRM-26I-20180118	N	T	JC59349	1/18/2018	< 10 U	**1120000**	-	37.7
WELL	INTERMEDIATE	114-P1-IRM-27I	114-P1-IRM-27I-20180122	N	D	JC59495	1/22/2018	**< 50 U**	**1140000**	-	**< 2500 U**
WELL	INTERMEDIATE	114-P1-IRM-27I	114-P1-IRM-27I-20180122	N	T	JC59495	1/22/2018	**< 50 U**	**1310000**	-	**< 2500 U**
WELL	INTERMEDIATE	114-P1-IRM-28I	114-P1-IRM-28I-20180118	N	D	JC59349	1/18/2018	< 10 U	**1010000**	-	< 200 U
WELL	INTERMEDIATE	114-P1-IRM-28I	114-P1-IRM-28I-20180118	N	T	JC59349	1/18/2018	< 10 U	**977000**	-	< 200 U
WELL	INTERMEDIATE	114-P1-IRM-29I	114-P1-IRM-29I-20180118	N	D	JC59349	1/18/2018	< 10 U	**1130000**	-	< 40 U
WELL	INTERMEDIATE	114-P1-IRM-29I	114-P1-IRM-29I-20180118	N	T	JC59349	1/18/2018	< 10 U	**1080000**	-	< 40 U
WELL	INTERMEDIATE	114-P1-IRM-3	114-P1-IRM-3-20180124	N	D	JC59667	1/24/2018	< 10 U	**855000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-3	114-P1-IRM-3-20180124	N	T	JC59667	1/24/2018	< 10 U	**789000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-20180122	N	D	JC59495	1/22/2018	**< 50 U**	**753000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-20180122	N	T	JC59495	1/22/2018	**< 50 U**	**900000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-DUP-20180122	FD	D	JC59495	1/22/2018	**< 50 U**	**830000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-30I	114-P1-IRM-30I-DUP-20180122	FD	T	JC59495	1/22/2018	**< 50 U**	**882000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-31I	114-P1-IRM-31I-20180119	N	D	JC59431	1/19/2018	< 10 U	**648000 J**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-31I	114-P1-IRM-31I-20180119	N	T	JC59431	1/19/2018	< 20 U	**511000 J**	-	51.2
WELL	INTERMEDIATE	114-P1-IRM-32I	114-P1-IRM-32I-20180122	N	D	JC59495	1/22/2018	**< 50 U**	**700000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-32I	114-P1-IRM-32I-20180122	N	T	JC59495	1/22/2018	**< 50 U**	**777000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-33I	114-P1-IRM-33I-20180124	N	D	JC59667	1/24/2018	**< 100 U**	**876000**	-	< 400 U

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Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-IRM-33I	114-P1-IRM-33I-20180124	N	T	JC59667	1/24/2018	**< 100 U**	**883000**	-	< 400 U
WELL	INTERMEDIATE	114-P1-IRM-34I	114-P1-IRM-34I	N	D	JC59745	1/25/2018	**< 50 U**	**736000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-34I	114-P1-IRM-34I	N	T	JC59745	1/25/2018	**< 50 U**	**772000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-35I	114-P1-IRM-35I-20180122	N	D	JC59495	1/22/2018	**< 50 U**	**748000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-35I	114-P1-IRM-35I-20180122	N	T	JC59495	1/22/2018	**< 50 U**	**879000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-IRM-36D	114-P1-IRM-36D-20180124	N	D	JC59667	1/24/2018	**< 50 U**	**235000**	-	< 100 U
WELL	INTERMEDIATE	114-P1-IRM-36D	114-P1-IRM-36D-20180124	N	T	JC59667	1/24/2018	**< 50 U**	**236000**	-	< 100 U
WELL	INTERMEDIATE	114-P1-IRM-36I	114-P1-IRM-36I-20180124	N	D	JC59667	1/24/2018	**< 50 U**	**268000**	-	< 100 U
WELL	INTERMEDIATE	114-P1-IRM-36I	114-P1-IRM-36I-20180124	N	T	JC59667	1/24/2018	**< 50 U**	**268000**	-	< 100 U
WELL	INTERMEDIATE	114-P1-IRM-37I	114-P1-IRM-37I-20180117	N	D	JC59023	1/17/2018	< 10 U	**1030000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-37I	114-P1-IRM-37I-20180117	N	T	JC59023	1/17/2018	< 10 U	**1060000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-38	114-P1-IRM-38-20180126	N	D	JC59838	1/26/2018	< 10 U	**577000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-38	114-P1-IRM-38-20180126	N	T	JC59838	1/26/2018	< 10 U	**567000**	-	59.4
WELL	INTERMEDIATE	114-P1-IRM-39	114-P1-IRM-39-20180126	N	D	JC59838	1/26/2018	< 10 U	**2890000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-IRM-39	114-P1-IRM-39-20180126	N	T	JC59838	1/26/2018	< 10 U	**3070000**	-	38.0
WELL	INTERMEDIATE	114-P1-IRM-40I	114-P1-IRM-40I-20180117	N	D	JC59023	1/17/2018	**< 250 U**	**1520000 J**	-	**< 2500 U**
WELL	INTERMEDIATE	114-P1-IRM-40I	114-P1-IRM-40I-20180117	N	T	JC59023	1/17/2018	**< 250 U**	**1210000 J**	-	**< 2500 U**
WELL	INTERMEDIATE	114-P1-IRM-41I	114-P1-IRM-41I-20180126	N	D	JC59838	1/26/2018	**< 50 U**	**578000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-41I	114-P1-IRM-41I-20180126	N	T	JC59838	1/26/2018	**< 50 U**	**639000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-42I	114-P1-IRM-42I-20180126	N	D	JC59838	1/26/2018	**< 50 U**	**876000**	-	< 500 U
WELL	INTERMEDIATE	114-P1-IRM-42I	114-P1-IRM-42I-20180126	N	T	JC59838	1/26/2018	**< 50 U**	**879000**	-	< 500 U
WELL	INTERMEDIATE	114-P1-IRM-42I	114-P1-IRM-42I-20180126	N	T	JC59838	1/26/2018	**< 50 U**	**879000**	-	< 500 U
WELL	INTERMEDIATE	114-P1-IRM-4I	114-P1-IRM-4I-20180124	N	D	JC59667	1/24/2018	**< 100 U**	**775000**	-	**< 4000 U**
WELL	INTERMEDIATE	114-P1-IRM-4I	114-P1-IRM-4I-20180124	N	T	JC59667	1/24/2018	**< 100 U**	**783000**	-	**< 4000 U**
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-20180123	N	D	JC59556	1/23/2018	**< 50 U**	**1110000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-20180123	N	T	JC59556	1/23/2018	**< 50 U**	**1050000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	N	T	JC58073A	12/27/2017	< 3.1 U	**422000**	314	4.3 J
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	N	T	JC58073A	12/27/2017	< 3.1 U	**437000**	343	4.3 J
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	N	T	JC58028A	12/26/2017	< 3.1 U	**483000**	364	< 4.0 U
WELL	INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	N	T	JC58028A	12/26/2017	< 3.1 U	**501000**	364	4.2 J
WELL	INTERMEDIATE	114-P1-IRM-6	114-P1-IRM-6-20180116	N	D	JC58932	1/16/2018	**< 1300 U**	**810000**	-	**< 2500 U**
WELL	INTERMEDIATE	114-P1-IRM-6	114-P1-IRM-6-20180116	N	T	JC58932	1/16/2018	**< 1300 U**	**953000**	-	**< 2500 U**
WELL	INTERMEDIATE	114-P1-IRM-7	114-P1-IRM-7-20180124	N	D	JC59667	1/24/2018	**< 100 U**	**678000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-7	114-P1-IRM-7-20180124	N	T	JC59667	1/24/2018	**< 100 U**	**632000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-IRM-8	114-P1-IRM-8-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**1060000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-IRM-8	114-P1-IRM-8-20180116	N	T	JC58932	1/16/2018	**< 1000 U**	**919000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-IRM-9	114-P1-IRM-9-20180116	N	D	JC58932	1/16/2018	**< 1000 U**	**850000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-IRM-9	114-P1-IRM-9-20180116	N	T	JC58932	1/16/2018	**< 1000 U**	**809000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-MW-1I	114-P1-MW-1I-20180129	N	D	JC59916	1/29/2018	**< 100 U**	**568000**	-	< 600 U
WELL	INTERMEDIATE	114-P1-MW-1I	114-P1-MW-1I-20180129	N	T	JC59916	1/29/2018	**< 100 U**	**552000**	-	< 600 U
WELL	INTERMEDIATE	114-P1-MW-2D	114-P1-MW2D-20180119	N	D	JC59431	1/19/2018	< 10 U	**528000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-MW-2D	114-P1-MW2D-20180119	N	T	JC59431	1/19/2018	< 10 U	**506000**	-	22.6
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	N	T	JC58942	1/16/2018	< 3.1 U	**422000**	717	16.3 J
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	N	T	JC58942	1/16/2018	< 3.1 U	**472000**	761	13.6 J
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	N	T	JC58942	1/16/2018	< 3.1 U	**490000**	768	14.5 J
WELL	INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	N	T	JC58942	1/16/2018	< 3.1 U	**511000**	852	9.4 J
WELL	INTERMEDIATE	114-P1-MW-3I	114-P1-MW-3I-20180126	N	D	JC59838	1/26/2018	< 20 U	**416000**	-	49.6
WELL	INTERMEDIATE	114-P1-MW-3I	114-P1-MW-3I-20180126	N	T	JC59838	1/26/2018	< 20 U	**401000**	-	80.0
WELL	INTERMEDIATE	114-P1-MW-4I	114-P1-MW-4I-20180126	N	D	JC59838	1/26/2018	**< 50 U**	**688000**	-	< 500 U
WELL	INTERMEDIATE	114-P1-MW-4I	114-P1-MW-4I-20180126	N	T	JC59838	1/26/2018	**< 50 U**	**686000**	-	< 500 U

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey

							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P1-MW-5I	114-P1-MW-5I-20180123	N	D	JC59667	1/23/2018	< 10 U	**326000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-MW-5I	114-P1-MW-5I-20180123	N	T	JC59667	1/23/2018	< 10 U	**339000**	-	< 20 U
WELL	INTERMEDIATE	114-P1-MW-6I	114-P1-MW6I-20180119	N	D	JC59431	1/19/2018	**< 50 U**	**1150000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-MW-6I	114-P1-MW6I-20180119	N	T	JC59431	1/19/2018	**< 100 U**	**991000**	-	< 2000 U
WELL	INTERMEDIATE	114-P1-MW-7I	114-P1-MW7I-20180125	N	D	JC59745	1/25/2018	**< 100 U**	**948000**	-	< 1000 U
WELL	INTERMEDIATE	114-P1-MW-7I	114-P1-MW7I-20180125	N	T	JC59745	1/25/2018	< 20 U	**1010000**	-	< 1000 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20180130	N	D	JC59976	1/30/2018	< 10 U	**821000**	-	< 20 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20180130	N	T	JC59976	1/30/2018	< 10 U	**751000**	-	< 20 U
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20161212	N	T	JC33522	12/12/2016	< 0.88 U	**238000**	-	68.0
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160914	N	T	JC27595	9/14/2016	< 0.88 U	**206000**	-	33.0 J
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160628	N	T	JC23103	6/28/2016	< 0.88 U	**210000**	-	5.7 JB
WELL	INTERMEDIATE	114-P2A-MW101I	114-P2A-MW101I-20160324	N	T	JC16953	3/24/2016	< 4.4 UJ	**212000**	-	54.8 J
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20161219	N	T	JC33991	12/19/2016	5.4 J	**500000**	-	270
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160914	N	T	JC27595	9/14/2016	< 0.88 U	**422000**	-	< 1.3 U
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160628	N	T	JC23103	6/28/2016	< 0.88 U	**59400**	-	< 1.3 UB
WELL	INTERMEDIATE	114-P2A-MW102I	114-P2A-MW102I-20160324	N	T	JC16953	3/24/2016	< 4.4 UJ	**336000**	-	8.0 J
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20161214	N	T	JC33691	12/14/2016	5.0 J	28700	-	142
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160915	N	T	JC27716	9/15/2016	2.2 J	25500	-	17.5 J
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160627	N	T	JC23029	6/27/2016	1.1 J	37100	-	18.3 J
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160325X	FD	T	JC17059	3/25/2016	0.90 J	26600	-	102 J
WELL	INTERMEDIATE	114-P2A-MW103I	114-P2A-MW103I-20160325	N	T	JC17059	3/25/2016	< 0.88 U	27000	-	54.1 J
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20161219	N	T	JC33991	12/19/2016	< 0.88 U	**1980000**	-	134
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160915	N	T	JC27716	9/15/2016	2.2 J	**1810000**	-	9.2 JB
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160629X	FD	T	JC23208	6/29/2016	< 0.88 U	**1400000**	-	< 1.3 U
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160629	N	T	JC23208	6/29/2016	< 0.88 U	**1450000**	-	< 1.3 U
WELL	INTERMEDIATE	114-P2A-MW104I	114-P2A-MW104I-20160325	N	T	JC17059	3/25/2016	< 4.4 U	**1200000**	-	34.5 J
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-ARC	N	D	JC59556	1/23/2018	**< 50 U**	**6240000**	-	188
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-ARC	N	T	JC59556	1/23/2018	**< 50 U**	**6200000**	-	173
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20160620	N	T	JC22555	6/20/2016	**< 180 U**	**1480000**	-	1170 J
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20160322	N	T	JC16738	3/22/2016	23.5 J	**1570000**	-	1160 J
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20151216X	FD	T	JC10831	12/16/2015	**< 130 UJ**	**1730000**	-	**< 2400 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20151216	N	T	JC10831	12/16/2015	16.6 J	**1760000**	-	**< 2400 U**
WELL	INTERMEDIATE	114-P2B1-MW101I	114-P2B1-MW101I-20150925	N	T	JC4798A	9/25/2015	**< 130 U**	**529000**	-	< 490 U
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20180130	N	D	JC59976	1/30/2018	**< 2500 U**	**2350000**	-	**< 5000 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20180130	N	T	JC59976	1/30/2018	**< 2500 U**	**2290000**	-	**< 5000 U**
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160620	N	T	JC22555	6/20/2016	13.8 J	**441000**	-	< 130 U
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160323X	FD	T	JC16843	3/23/2016	22.8 J	**482000**	-	< 66 U
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20160323	N	T	JC16843	3/23/2016	25.6 J	**435000**	-	< 66 U
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20151216	N	T	JC10831	12/16/2015	16.9 J	**486000**	-	< 490 U
WELL	INTERMEDIATE	114-P2B2-MW101I	114-P2B2-MW101I-20150925	N	T	JC4798A	9/25/2015	**< 130 U**	**450000**	-	< 490 U
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW-101I-20180119	N	D	JC59431	1/19/2018	**< 50 U**	**672000**	-	< 1000 U
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW-101I-20180119	N	T	JC59431	1/19/2018	**< 50 U**	**735000**	-	< 1000 U
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20160622	N	T	JC22758	6/22/2016	18.4 J	**486000**	-	152 J
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20160323	N	T	JC16843	3/23/2016	20.2 J	**945000**	-	< 66 U
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20151216	N	T	JC10831	12/16/2015	< 33 U	**967000**	-	< 240 U
WELL	INTERMEDIATE	114-P2B3-MW101I	114-P2B3-MW101I-20150925	N	T	JC4798A	9/25/2015	< 1.3 U	**990000**	-	< 490 U
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I	N	D	JC59556	1/23/2018	**< 50 U**	**1250000**	-	< 1000 U
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I	N	T	JC59556	1/23/2018	**< 50 U**	**1290000**	-	< 1000 U
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160621X	FD	T	JC22642	6/21/2016	9.0 J	**839000**	-	92.2 J

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							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160621	N	T	JC22642	6/21/2016	8.0 J	**809000**	-	76.4 J
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20160323	N	T	JC16843	3/23/2016	28.6 J	**1350000**	-	79.0 J
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20151216	N	T	JC10831	12/16/2015	23.3 J	**1610000**	-	< 490 U
WELL	INTERMEDIATE	114-P2B4-MW101I	114-P2B4-MW101I-20150928	N	T	JC4872A	9/28/2015	**< 66 U**	**1480000**	-	< 240 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I	N	D	JC59745	1/25/2018	< 10 U	**675000**	-	< 20 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I	N	T	JC59745	1/25/2018	< 10 U	**639000**	-	< 20 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20160621	N	T	JC22642	6/21/2016	< 0.88 U	**639000**	-	7.4 J
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20160322	N	T	JC16738	3/22/2016	2.7 J	**735000**	-	< 13 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20151216	N	T	JC10831	12/16/2015	8.6 J	**923000**	-	< 98 U
WELL	INTERMEDIATE	114-P2B4-MW102I	114-P2B4-MW102I-20150925	N	T	JC4798A	9/25/2015	2.7 J	**916000**	-	< 49 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I	N	D	JC59556	1/23/2018	< 10 U	**672000**	-	< 20 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I	N	T	JC59556	1/23/2018	< 10 U	**741000**	-	< 20 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160622	N	T	JC22758	6/22/2016	1.5 J	**753000**	-	< 1.3 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160622X	FD	T	JC22758	6/22/2016	1.7 J	**818000**	-	< 1.3 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20160316	N	T	JC16336	3/16/2016	< 4.4 U	**1010000**	-	< 6.6 U
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20151210	N	T	JC10380	12/10/2015	< 1.3 U	**1210000**	-	< 4.9 UB
WELL	INTERMEDIATE	114-P2B4-MW103I	114-P2B4-MW103I-20150928	N	T	JC4872A	9/28/2015	5.0 J	**1610000**	-	< 4.9 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20160617	N	T	JC22504	6/17/2016	1.4 J	**83400**	-	< 1.3 U
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20160317	N	T	JC16446	3/17/2016	< 0.88 U	**73200**	-	17.1 J
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20151215	N	T	JC10723	12/15/2015	3.1 J	**84100**	-	< 4.9 UB
WELL	INTERMEDIATE	132-P3A-MW102I	132-P3A-MW102I-20150929	N	T	JC4978A	9/29/2015	< 1.3 U	45200	-	10.7 J
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20160616	N	T	JC22356	6/16/2016	< 0.88 UJ	**320000**	-	15.6 J
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20160318	N	T	JC16549	3/18/2016	0.90 J	**425000**	-	4.7 J
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20151215	N	T	JC10723	12/15/2015	< 6.6 U	**447000**	-	39.9 JB
WELL	INTERMEDIATE	132-P3A-MW103I	132-P3A-MW103I-20150930	N	T	JC5099A	9/30/2015	1.3 J	**362000**	-	95.9
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20160616	N	T	JC22356	6/16/2016	< 0.88 UJ	**98000**	-	12.2 J
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20160318	N	T	JC16549	3/18/2016	< 0.88 U	**108000**	-	14.8 J
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20151215-X	FD	T	JC10723	12/15/2015	1.9 J	**257000**	-	< 4.9 UB
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20151215	N	T	JC10723	12/15/2015	< 1.3 U	**313000**	-	< 4.9 UB
WELL	INTERMEDIATE	132-P3A-MW104I	132-P3A-MW104I-20150929	N	T	JC4978A	9/29/2015	1.9 J	**229000**	-	20.1
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20161215	N	T	JC33793	12/15/2016	1.2 J	**2100000**	-	226
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160913	N	T	JC27486	9/13/2016	< 0.88 U	**2380000**	-	< 1.3 UB
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160616	N	T	JC22356	6/16/2016	< 0.88 UJ	**2150000**	-	3.8 J
WELL	INTERMEDIATE	133-P3C-MW101I	133-P3C-MW101I-20160324	N	T	JC16937	3/24/2016	< 4.4 UJ	**2250000**	-	< 6.6 U
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20161216	N	T	JC33887	12/16/2016	1.9 J	**754000**	-	365
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160913	N	T	JC27486	9/13/2016	< 0.88 UB	**797000**	-	< 1.3 UB
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160615	N	T	JC22273	6/15/2016	1.6 J	**931000 J**	-	5.7 J
WELL	INTERMEDIATE	133-P3C-MW102I	133-P3C-MW102I-20160324	N	T	JC16937	3/24/2016	< 4.4 UJ	**824000**	-	< 6.6 U
WELL	INTERMEDIATE	135-MW2B	135-MW2B-30.5	N	T	JC5499	10/6/2015	< 1.3 U	**886000**	-	21.9
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20160624	N	T	JC22939	6/24/2016	< 0.88 U	**438000**	-	< 1.3 U
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20160323	N	T	JC16843	3/23/2016	< 0.88 U	**800000**	-	< 1.3 UB
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20151218	N	T	JC11088	12/18/2015	< 1.3 U	**827000**	-	136
WELL	INTERMEDIATE	137-P3B-MW101I	137-P3B-MW101I-20150930	N	T	JC5099A	9/30/2015	1.4 J	**1020000**	-	< 4.9 U
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20160615	N	T	JC22273	6/15/2016	1.4 J	**774000 J**	-	3.5 J
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20160321	N	T	JC16664	3/21/2016	< 0.88 U	**869000**	-	< 1.3 U
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20151216	N	T	JC10831	12/16/2015	< 1.3 U	**998000**	-	< 4.9 UB
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20150930X	FD	T	JC5099A	9/30/2015	< 1.3 U	**889000**	-	9.2 J
WELL	INTERMEDIATE	137-P3B-MW102I	137-P3B-MW102I-20150930	N	T	JC5099A	9/30/2015	< 1.3 U	**983000**	-	13.4 J
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20160620	N	T	JC22555	6/20/2016	< 0.88 UB	**84300**	-	4.1 J

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							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20160318	N	T	JC16549	3/18/2016	1.0 J	36100	-	8.4 J
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20151214	N	T	JC10593	12/14/2015	< 1.3 U	32300	-	34.8 JB
WELL	INTERMEDIATE	143-P3A-MW101I	143-P3A-MW101I-20150928	N	T	JC4872A	9/28/2015	< 1.3 U	33900	-	< 24 U
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-100616	N	T	JC29150	10/6/2016	7.2 JB	**238000**	-	2.0 J
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-071216	N	T	JC23920	7/12/2016	1.2 J	**213000**	-	< 1.3 UB
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-040616	N	T	JC17755	4/6/2016	< 0.88 U	**194000**	-	14.8 J
WELL	INTERMEDIATE	GPS-EW1I	GPS-EW1I-010616	N	T	JC12114	1/6/2016	< 1.3 U	**137000**	-	38.5 JB
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-100616	N	T	JC29150	10/6/2016	5.7 JB	**233000**	-	12.9 J
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-071216	N	T	JC23920	7/12/2016	< 0.88 U	**287000**	-	76.8
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-040616	N	T	JC17755	4/6/2016	< 0.88 U	**286000**	-	145
WELL	INTERMEDIATE	GPS-EW2I	GPS-EW2I-010616	N	T	JC12114	1/6/2016	1.3 J	**377000**	-	242
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-100616	N	T	JC29150	10/6/2016	10.9 JB	**1580000**	-	4.6 J
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-071216	N	T	JC23920	7/12/2016	< 0.88 U	**1680000**	-	< 1.3 UB
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-040616	N	T	JC17755	4/6/2016	< 0.88 U	**1790000**	-	39.5
WELL	INTERMEDIATE	GPS-IW12I	GPS-IW12I-010616	N	T	JC12114	1/6/2016	< 1.3 U	**1680000**	-	32.3 JB
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-100616	N	T	JC29150	10/6/2016	15.4 JB	**1050000**	-	< 1.3 U
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-071216	N	T	JC23920	7/12/2016	< 0.88 U	**1490000**	-	< 1.3 U
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-040616	N	T	JC17755	4/6/2016	< 0.88 U	**1670000**	-	12.4 J
WELL	INTERMEDIATE	GPS-IW3I	GPS-IW3I-010616	N	T	JC12114	1/6/2016	1.5 J	**1590000**	-	24.2 JB
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-100616	N	T	JC29150	10/6/2016	20.5 J	**1020000**	-	42.5 J
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-071216	N	T	JC23920	7/12/2016	< 1.8 U	**1060000**	-	45.8
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-040616	N	T	JC17755	4/6/2016	< 1.8 U	**1460000**	-	35.0 J
WELL	INTERMEDIATE	GPS-IW4I	GPS-IW4I-010616	N	T	JC12114	1/6/2016	< 1.3 U	**1640000**	-	< 4.9 UB
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-100616	N	T	JC29150	10/6/2016	9.1 JB	**1480000**	-	< 1.3 U
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-071216	N	T	JC23920	7/12/2016	< 0.88 U	**1580000**	-	< 1.3 U
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-040616	N	T	JC17755	4/6/2016	< 0.88 U	**1800000**	-	9.5 J
WELL	INTERMEDIATE	GPS-IW6I	GPS-IW6I-010616	N	T	JC12114	1/6/2016	< 1.3 U	**1490000**	-	35.5 JB
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-100616	N	T	JC29150	10/6/2016	7.8 JB	**1280000**	-	< 1.3 U
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-071216	N	T	JC23920	7/12/2016	3.5 J	**1160000**	-	< 1.3 U
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-040616	N	T	JC17755	4/6/2016	< 0.88 U	**1610000**	-	4.3 J
WELL	INTERMEDIATE	GPS-IW9I	GPS-IW9I-010616	N	T	JC12114	1/6/2016	< 1.3 U	**1830000**	-	40.0 JB
WELL	INTERMEDIATE	GPS-MW2I	GPS-MW2I-20180131	N	D	JC60035	1/31/2018	**< 50 U**	**332000**	-	169
WELL	INTERMEDIATE	GPS-MW2I	GPS-MW2I-20180131	N	T	JC60035	1/31/2018	**< 50 U**	**329000**	-	169
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131	N	D	JC60035	1/31/2018	< 20 U	**101000**	-	< 40 U
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131	N	T	JC60035	1/31/2018	< 20 U	**103000**	-	< 40 U
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131-DUP	FD	D	JC60035	1/31/2018	< 20 U	**101000**	-	< 40 U
WELL	INTERMEDIATE	GPS-MW3I	GPS-MW3I-20180131-DUP	FD	T	JC60035	1/31/2018	< 20 U	**106000**	-	< 40 U
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-20180131	N	D	JC60035	1/31/2018	< 10 U	**835000 J**	-	< 20 U
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-20180131	N	T	JC60035	1/31/2018	**< 50 U**	**689000 J**	-	152
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-100616	N	T	JC29150	10/6/2016	10.0 JB	**994000**	-	32.1
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-071216	N	T	JC23920	7/12/2016	< 1.8 U	**1210000**	-	54.6
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-040616	N	T	JC17755	4/6/2016	6.6 J	**1300000**	-	305
WELL	INTERMEDIATE	GPS-MW5I	GPS-MW5I-010616	N	T	JC12114	1/6/2016	**52.1**	**1170000**	-	64.0 JB
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-20180130	N	D	JC59976	1/30/2018	< 20 U	**1300000**	-	< 400 U
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-20180130	N	T	JC59976	1/30/2018	**< 50 U**	**1110000**	-	< 500 U
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-100616	N	T	JC29150	10/6/2016	32.0 J	**990000**	-	154
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-071216	N	T	JC23920	7/12/2016	< 4.4 U	**1000000**	-	227
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-040616	N	T	JC17755	4/6/2016	< 1.8 U	**853000**	-	367
WELL	INTERMEDIATE	GPS-MW6I	GPS-MW6I-010616	N	T	JC12114	1/6/2016	4.2 J	**625000**	-	168

Appendix L.2
Historical Groundwater Analytical Data - Non-CCPW Metals
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							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-100616	N	T	JC29150	10/6/2016	9.0 JB	**385000**	-	39.8
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-071216	N	T	JC23920	7/12/2016	< 0.88 U	**330000**	-	53.9
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-040616	N	T	JC17755	4/6/2016	< 0.88 U	**268000**	-	116
WELL	INTERMEDIATE	GPS-MW7I	GPS-MW7I-010616	N	T	JC12114	1/6/2016	3.4 J	**198000**	-	327
WELL	INTERMEDIATE	MW7D	MW7D-45.0-20180423	N	T	JC64763	4/23/2018	< 3.1 U	-	395	< 4.0 U
WELL	INTERMEDIATE	MW7D	MW7D-41.0-20180423	N	T	JC64763	4/23/2018	< 3.1 U	-	399	5.4 J
WELL	INTERMEDIATE	MW7D	MW7D-45.5-20150930X	FD	T	JC5098A	9/30/2015	8.2 J	**52500**	-	30.6
WELL	INTERMEDIATE	MW7D	MW7D-45.5-20150930	N	T	JC5098A	9/30/2015	8.0 J	49600	-	32.3
WELL	INTERMEDIATE	MW7D	MW7D-40.5-20150930	N	T	JC5098A	9/30/2015	7.5 J	**56600**	-	9.8 J
WELL	INTERMEDIATE	MW8D	MW8D-46.5-20150929	N	T	JC4976A	9/29/2015	4.8 J	**4570000**	-	30.6
WELL	INTERMEDIATE	MW8D	MW8D-41.5-20150929	N	T	JC4976A	9/29/2015	< 33 U	**3640000**	-	< 120 U
WELL	DEEP	114-MW20C	114-MW20C-20180419	N	T	JC64571	4/19/2018	< 3.1 U	**204000**	442	21.6
WELL	DEEP	114-MW20C	114-MW20C-78.5-20151001	N	T	JC5237A	10/1/2015	< 1.3 U	**206000**	-	6.1 JB
WELL	DEEP	114-MW25C-2	114-MW25C-20180313	N	D	JC62228	3/13/2018	< 3.1 U	21700	-	< 4.0 U
WELL	DEEP	114-MW25C-2	114-MW25C-20180313	N	T	JC62228	3/13/2018	< 16 U	25100 J	-	95.5 J
WELL	DEEP	114-P1B-MW103D	114-P1B-MW103D-20171214X	FD	T	JC57385	12/14/2017	< 16 U	**98800**	321	< 100 U
WELL	DEEP	114-P1B-MW103D	114-P1B-MW103D-20171214	N	T	JC57385	12/14/2017	< 16 U	**95700**	312	< 100 U
WELL	DEEP	114-P1-IRM-10D	114-P1-IRM-10D	N	D	JC59745	1/25/2018	< 20 U	**245000**	-	< 400 U
WELL	DEEP	114-P1-IRM-10D	114-P1-IRM-10D	N	T	JC59745	1/25/2018	< 20 U	**253000**	-	< 400 U
WELL	DEEP	114-P1-IRM-18D	114-P1-IRM-18D-20180118	N	D	JC59349	1/18/2018	**< 50 U**	**594000**	-	< 500 U
WELL	DEEP	114-P1-IRM-18D	114-P1-IRM-18D-20180118	N	T	JC59349	1/18/2018	**< 50 U**	**557000**	-	< 500 U
WELL	DEEP	114-P1-IRM-19D	114-P1-IRM-19D-20180117	N	D	JC59023	1/17/2018	< 20 U	**482000**	-	< 40 U
WELL	DEEP	114-P1-IRM-19D	114-P1-IRM-19D-20180117	N	T	JC59023	1/17/2018	< 20 U	**474000**	-	< 40 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20D-20180117	N	D	JC59023	1/17/2018	< 10 U	**1590000**	-	< 20 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20D-20180117	N	T	JC59023	1/17/2018	< 10 U	**1580000**	-	< 20 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20B-20180117-DUP	FD	D	JC59023	1/17/2018	< 10 U	**1750000**	-	< 20 U
WELL	DEEP	114-P1-IRM-20D	114-P1-IRM-20B-20180117-DUP	FD	T	JC59023	1/17/2018	< 10 U	**1640000**	-	< 20 U
WELL	DEEP	114-P1-IRM-21D	114-P1-IRM-21D-20180118	N	D	JC59349	1/18/2018	**< 50 U**	**690000**	-	< 300 U
WELL	DEEP	114-P1-IRM-21D	114-P1-IRM-21D-20180118	N	T	JC59349	1/18/2018	**< 50 U**	**647000**	-	< 300 U
WELL	DEEP	114-P1-IRM-22D	114-P1-IRM-22D-20180118	N	D	JC59349	1/18/2018	< 20 U	**1360000**	-	< 200 U
WELL	DEEP	114-P1-IRM-22D	114-P1-IRM-22D-20180118	N	T	JC59349	1/18/2018	< 20 U	**1340000**	-	< 200 U
WELL	DEEP	114-P1-IRM-23D	114-P1-IRM-23D-20180124	N	D	JC59667	1/24/2018	**< 100 U**	**1750000**	-	**< 4000 U**
WELL	DEEP	114-P1-IRM-23D	114-P1-IRM-23D-20180124	N	T	JC59667	1/24/2018	**< 100 U**	**1710000**	-	**< 4000 U**
WELL	DEEP	114-P1-IRM-24D	114-P1-IRM-24D-20180119	N	D	JC59431	1/19/2018	**< 50 U**	**377000**	-	< 500 U
WELL	DEEP	114-P1-IRM-24D	114-P1-IRM-24D-20180119	N	T	JC59431	1/19/2018	**< 50 U**	**373000**	-	< 500 U
WELL	DEEP	114-P1-IRM-25D	114-P1-IRM-25D-20180118	N	D	JC59349	1/18/2018	**< 50 U**	**1550000 J**	-	< 500 U
WELL	DEEP	114-P1-IRM-25D	114-P1-IRM-25D-20180118	N	T	JC59349	1/18/2018	**< 50 U**	**1240000 J**	-	< 500 U
WELL	DEEP	114-P1-IRM-26D	114-P1-IRM-26D-20180119	N	D	JC59431	1/19/2018	**< 1000 U**	**1760000**	-	< 2000 U
WELL	DEEP	114-P1-IRM-26D	114-P1-IRM-26D-20180119	N	T	JC59431	1/19/2018	**< 1000 U**	**1850000**	-	< 2000 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-20180122	N	D	JC59495	1/22/2018	< 20 U	**349000**	-	< 200 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-20180122	N	T	JC59495	1/22/2018	< 20 U	**371000**	-	< 200 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	N	T	JC57943A	12/22/2017	< 6.3 U	**365000**	232	< 40 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	N	T	JC57943A	12/22/2017	< 6.3 U	**382000**	232	< 40 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	N	T	JC57820	12/21/2017	3.1 J	**414000**	255	< 4.0 U
WELL	DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	N	T	JC57820	12/21/2017	3.2 J	**403000**	247	< 4.0 U
WELL	DEEP	114-P1-IRM-28D	114-P1-IRM-28D-20180124	N	D	JC59667	1/24/2018	< 10 U	**402000**	-	24.5
WELL	DEEP	114-P1-IRM-28D	114-P1-IRM-28D-20180124	N	T	JC59667	1/24/2018	< 10 U	**398000**	-	24.4
WELL	DEEP	114-P1-IRM-29D	114-P1-IRM-29D-20180118	N	D	JC59349	1/18/2018	**< 50 U**	**1110000**	-	< 2000 U
WELL	DEEP	114-P1-IRM-29D	114-P1-IRM-29D-20180118	N	T	JC59349	1/18/2018	**< 50 U**	**1070000**	-	< 2000 U

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PPG, Jersey City, New Jersey

							Analyte	SILVER	SODIUM	STRONTIUM	ZINC
							CAS RN	7440-22-4	7440-23-5	7440-24-6	7440-66-6
							GWQS	40	50000	2000	2000
							Units	ug/L	ug/L	ug/L	ug/L
Location Type	**Water-Bearing Zone**	**Location ID**	**Sample ID**	**Sample Type**	**Fraction**	**Lab SDG**	**Date Collected**	**Result**	**Result**	**Result**	**Result**
WELL	DEEP	114-P1-IRM-30D	114-P1-IRM-30D-20180122	N	D	JC59495	1/22/2018	< 10 U	**214000**	-	< 20 U
WELL	DEEP	114-P1-IRM-30D	114-P1-IRM-30D-20180122	N	T	JC59495	1/22/2018	< 10 U	**219000**	-	< 20 U
WELL	DEEP	114-P1-IRM-31D	114-P1-IRM-31D-20180119	N	D	JC59431	1/19/2018	**< 50 U**	**396000 J**	-	< 100 U
WELL	DEEP	114-P1-IRM-31D	114-P1-IRM-31D-20180119	N	T	JC59431	1/19/2018	**< 50 U**	**307000 J**	-	< 100 U
WELL	DEEP	114-P1-IRM-32D	114-P1-IRM-32D-20180122	N	D	JC59495	1/22/2018	< 10 U	**215000**	-	< 60 U
WELL	DEEP	114-P1-IRM-32D	114-P1-IRM-32D-20180122	N	T	JC59495	1/22/2018	< 20 U	**443000**	-	< 200 U
WELL	DEEP	114-P1-IRM-33D	114-P1-IRM-33D-20180124	N	D	JC59667	1/24/2018	**< 100 U**	**530000**	-	< 400 U
WELL	DEEP	114-P1-IRM-33D	114-P1-IRM-33D-20180124	N	T	JC59667	1/24/2018	**< 100 U**	**519000**	-	< 400 U
WELL	DEEP	114-P1-IRM-34D	114-P1-IRM-34D	N	D	JC59745	1/25/2018	< 10 U	**171000**	-	< 20 U
WELL	DEEP	114-P1-IRM-34D	114-P1-IRM-34D	N	T	JC59745	1/25/2018	< 10 U	**178000**	-	< 20 U
WELL	DEEP	114-P1-IRM-35D	114-P1-IRM-35D-20180122	N	D	JC59495	1/22/2018	**< 50 U**	**1050000**	-	**< 2500 U**
WELL	DEEP	114-P1-IRM-35D	114-P1-IRM-35D-20180122	N	T	JC59495	1/22/2018	**< 50 U**	**969000**	-	**< 2500 U**
WELL	DEEP	114-P1-IRM-37D	114-P1-IRM-37D-20180117	N	D	JC59023	1/17/2018	**< 50 U**	**711000**	-	< 300 U
WELL	DEEP	114-P1-IRM-37D	114-P1-IRM-37D-20180117	N	T	JC59023	1/17/2018	**< 50 U**	**639000**	-	< 300 U
WELL	DEEP	114-P1-IRM-40D	114-P1-IRM-40D-20180118	N	D	JC59349	1/18/2018	**< 50 U**	**344000**	-	< 1000 U
WELL	DEEP	114-P1-IRM-40D	114-P1-IRM-40D-20180118	N	T	JC59349	1/18/2018	**< 50 U**	**397000**	-	< 1000 U
WELL	DEEP	114-P1-IRM-41D	114-P1-IRM-41D-20180126	N	D	JC59838	1/26/2018	**< 50 U**	**134000**	-	< 100 U
WELL	DEEP	114-P1-IRM-41D	114-P1-IRM-41D-20180126	N	T	JC59838	1/26/2018	**< 50 U**	**137000**	-	< 100 U
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126	N	D	JC59838	1/26/2018	**< 100 U**	**1260000**	-	**< 4000 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126	N	T	JC59838	1/26/2018	**< 100 U**	**1300000**	-	**< 4000 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126-DUP	FD	D	JC59838	1/26/2018	**< 100 U**	**1260000**	-	**< 4000 U**
WELL	DEEP	114-P1-IRM-42D	114-P1-IRM-42D-20180126-DUP	FD	T	JC59838	1/26/2018	**< 100 U**	**1250000**	-	**< 4000 U**
WELL	DEEP	114-P1-IRM-4D	114-P1-IRM-4D-20180124	N	D	JC59667	1/24/2018	**< 100 U**	**446000**	-	< 1000 U
WELL	DEEP	114-P1-IRM-4D	114-P1-IRM-4D-20180124	N	T	JC59667	1/24/2018	**< 100 U**	**465000**	-	< 1000 U
WELL	DEEP	114-P1-IRM-5D	114-P1-IRM-5D-DUP-20180124	FD	D	JC59667	1/24/2018	**< 100 U**	**298000**	-	< 1000 U
WELL	DEEP	114-P1-IRM-5D	114-P1-IRM-5D-DUP-20180124	FD	T	JC59667	1/24/2018	**< 100 U**	**340000**	-	< 1000 U
WELL	DEEP	114-P1-IRM-5D	114-P1-MW-5I-20180124	N	D	JC59556	1/24/2018	**< 50 U**	**637000**	-	< 500 U
WELL	DEEP	114-P1-IRM-5D	114-P1-MW-5I-20180124	N	T	JC59556	1/24/2018	**< 50 U**	**613000**	-	< 500 U
WELL	DEEP	114-P1-MW-1D	114-P1-MW-1D-20180129	N	D	JC59916	1/29/2018	**< 100 U**	**377000**	-	< 1000 U
WELL	DEEP	114-P1-MW-1D	114-P1-MW-1D-20180129	N	T	JC59916	1/29/2018	**< 100 U**	**374000**	-	< 1000 U
WELL	DEEP	114-P1-MW-4D	114-P1-MW-4D-20180126	N	D	JC59838	1/26/2018	**< 50 U**	**1290000**	-	< 200 U
WELL	DEEP	114-P1-MW-4D	114-P1-MW-4D-20180126	N	T	JC59838	1/26/2018	**< 50 U**	**1290000**	-	< 200 U
WELL	DEEP	114-P1-MW-5D	114-P1-MW-5D-20180123	N	D	JC59667	1/24/2018	**< 100 U**	**327000**	-	< 1000 U
WELL	DEEP	114-P1-MW-5D	114-P1-MW-5D-20180123	N	T	JC59667	1/24/2018	**< 100 U**	**344000**	-	< 1000 U
WELL	DEEP	114-P1-MW-6D	114-P1-MW-6D-20180119	N	D	JC59431	1/19/2018	**< 50 U**	**173000**	-	< 100 U
WELL	DEEP	114-P1-MW-6D	114-P1-MW-6D-20180119	N	T	JC59431	1/19/2018	**< 50 U**	**171000**	-	< 100 U
WELL	DEEP	114-P1-MW-7D	114-P1-MW7D-20180125	N	D	JC59745	1/25/2018	< 20 U	**142000**	-	< 200 U
WELL	DEEP	114-P1-MW-7D	114-P1-MW7D-20180125	N	T	JC59745	1/25/2018	< 20 U	**150000**	-	< 200 U
WELL	DEEP	137-MW2C	137-MW2C-20151214	N	T	JC10597	12/14/2015	< 1.3 U	**842000**	-	< 4.9 UB
WELL	DEEP	MW6C	MC6C-20180129	N	D	JC59916	1/29/2018	**< 50 U**	**164000**	-	< 100 U
WELL	DEEP	MW6C	MC6C-20180129	N	T	JC59916	1/29/2018	**< 50 U**	**163000**	-	< 100 U
WELL	DEEP	MW6C	MW6C-57.0-20171220	N	T	JC57752	12/20/2017	< 3.1 U	**173000**	812	22.6
WELL	DEEP	MW6C	MW6C-62.0-20171220	N	T	JC57752	12/20/2017	< 3.1 U	**185000**	822	20.0
WELL	DEEP	MW6C	114-MW6C-20160321	N	T	JC16664	3/21/2016	< 0.88 U	**124000**	-	15.3 J
WELL	DEEP	MW8F	MW8F-82.0-20151001	N	T	JC5237A	10/1/2015	1.3 J	**361000**	-	52.4 JB
WELL	DEEP	MW8F	MW8F-79.5-20151001	N	T	JC5237A	10/1/2015	< 1.3 U	**454000**	-	6.8 JB
WELL	Bedrock	114-MW16B	114-MW16B-20151214	N	T	JC10597	12/14/2015	< 1.3 U	**74300**	-	< 4.9 UB

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.

ABBREVIATIONS:

CAS RN - Chemical Abstracts Service Registry Number

CCPW - Chromate Chemical Production Waste

Fractions:

D - dissolved/filtered

T - total/unfiltered

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

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.

JB - The analyte concentration is greater than three (3) times, but less than or equal to ten (10) times the concentration in the associated method/preparation blank. The presence of that analyte in the sample is considered “real” but the concentration is quantitatively qualified due to method blank contamination.

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

UB - The analyte concentration is less than or equal to three (3) times the concentration in the associated method/preparation blank. The presence of the analyte in the sample is negated due to laboratory blank contamination.

UJ - Indicates the analyte was not detected above the reporting limit and the reporting limit was approximate.

UJB - Indicates the result was estimated as a result of negative instrument drift in the associated method blank. Results that were less than 10 times the negative drift were estimated (JB), and non-detect results were qualified (UJB).