

**Table 5-1
Groundwater Analytical Results - Cr+6 and CCPW Metals
Groundwater Remedial Investigation Report
Garfield Avenue Group of Sites
PPG, Jersey City, New Jersey**

Water-Bearing Zone	Location ID	Sample ID	Sample Depth (ft bTOIC)	Sample Type	Fraction	Lab SDG	Date Collected	Analyte	ANTIMONY	CHROMIUM	CHROMIUM (HEXAVALENT)	NICKEL	THALLIUM	VANADIUM
								CAS RN	7440-36-0	7440-47-3	18540-29-9	7440-02-0	7440-28-0	7440-62-2
								GWQS	6	70	70	100	2	60
								Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
								Result	Result	Result	Result	Result	Result	Result
SHALLOW	10W-MW101S	10W-MW101S-20180208	14.5	N	T	JC60477	2018-02-08	< 4.3 U	6.4 J	21 JB	< 10 U	< 1.6 U	3.0 J	
SHALLOW	10W-MW102S	10W-MW102S-20180208	14.5	N	T	JC60477	2018-02-08	< 4.3 U	< 10 U	29 JB	< 10 U	< 1.6 U	3.3 J	
SHALLOW	114-MW14A	114-MW14A-10.0-20171219	10.0	N	T	JC57638	2017-12-19	< 4.3 U	16.9 J	40 J	< 3.2 UB	< 1.6 U	4.7 J	
SHALLOW	114-MW14A	114-MW14A-5.0-20171219	5.0	N	T	JC57638	2017-12-19	< 4.3 U	21.4	28	< 2.9 UB	< 1.6 U	5.5 J	
SHALLOW	114-MW15A	114-MW15A-20180417	4.25	N	D	JC64376	2018-04-17	< 4.3 U	3.1 J	< 8.1 U	< 1.3 U	< 0.047 U	2.1 J	
SHALLOW	114-MW15A	114-MW15A-20180417	4.25	N	T	JC64376	2018-04-17	< 4.3 U	5.0 JB	< 8.1 U	1.8 J	< 0.089 UB	3.8 J	
SHALLOW	114-MW24AR	114-MW24AR-20180502	11.5	N	D	JC65325	2018-05-02	-	< 0.85 U	< 8.1 U	-	-	-	
SHALLOW	114-MW24AR	114-MW24AR-20180502	11.5	N	T	JC65325	2018-05-02	< 4.3 U	3.6 J	< 8.1 U	32.5	< 0.047 U	< 1.3 U	
SHALLOW	114-MW25A	114-MW25A-20170926	11.5	N	T	JC51802	2017-09-26	-	102	< 8.1 U	-	-	-	
SHALLOW	114-MW25A	114-MW25A-20170926	11.5	N	T	JC51824	2017-09-26	< 4.3 U	-	-	10.0	< 1.6 U	2.6 J	
SHALLOW	114-MW26A	FORREST-114-MW26A-20171218	12.5	N	T	JC57565	2017-12-18	< 4.3 U	2.2 J	< 8.1 U	26.4	< 0.047 U	< 1.3 U	
SHALLOW	114-MW27A	114-MW27A-20170926	13.5	N	T	JC51802	2017-09-26	-	66.6	56	-	-	-	
SHALLOW	114-MW27A	114-MW27A-20170926	13.5	N	T	JC51824	2017-09-26	< 4.3 U	-	-	9.4 J	< 1.6 U	4.3 J	
SHALLOW	114-MW28A	FORREST-114-MW28A-20171218	11.5	N	T	JC57565	2017-12-18	< 4.3 U	3.5 J	< 8.1 U	< 4.4 UB	< 0.047 U	1.5 J	
SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	21.0	N	T	JC56729	2017-12-06	-	-	< 8.1 U	-	-	-	
SHALLOW	114-MW2B1-2	FORREST-114-MW2B1-2-20171206	21.0	N	T	JC56729A	2017-12-06	< 4.3 U	3.9 J	-	< 1.3 U	< 0.047 U	2.4 J	
SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	11.5	N	T	JC56859	2017-12-07	-	-	< 8.1 U	-	-	-	
SHALLOW	114-MW30A	FORREST-114-MW30A-20171207	11.5	N	T	JC56859A	2017-12-07	< 4.3 U	< 0.85 U	-	< 1.7 UB	0.048 J	4.1 J	
SHALLOW	114-MW36A	114-MW36A-20170927	10.0	N	T	JC51874	2017-09-27	-	1.5 J	< 8.1 U	-	-	-	
SHALLOW	114-MW36A	114-MW36A-20170927	10.0	N	T	JC51890	2017-09-27	< 4.3 U	-	-	14.1	< 1.6 U	9.5 J	
SHALLOW	114-MW36A	114-MW36A-20170927-X	10.0	FD	T	JC51874	2017-09-27	-	1.1 J	< 8.1 U	-	-	-	
SHALLOW	114-MW36A	114-MW36A-20170927-X	10.0	FD	T	JC51890	2017-09-27	< 4.3 U	-	-	14.4	< 1.6 U	9.5 J	
SHALLOW	114-MW37A	114-MW37A-20170926	12.5	N	T	JC51802	2017-09-26	-	1.5 J	16 J	-	-	-	
SHALLOW	114-MW37A	114-MW37A-20170928	12.5	N	T	JC52029	2017-09-28	< 4.3 U	-	-	4.0 J	< 1.6 U	2.6 J	
SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	22.5	N	T	JC56504	2017-12-04	-	-	< 8.1 U	-	-	-	
SHALLOW	114-MW38A	FORREST-114-MW38A-20171204	22.5	N	T	JC56504A	2017-12-04	< 8.6 U	20.4	-	10.4 J	0.18 J	21.6 J	
SHALLOW	114-MW41A	114-MW41A-20180420	12.5	N	T	JC64643	2018-04-20	< 43 U	65600	66900	46.0 J	< 0.24 U	17.5 J	
SHALLOW	114-MW42A	114-MW42A-20180417	9.5	N	T	JC64376	2018-04-17	< 4.3 U	3.5 JB	< 8.1 U	5.5 J	< 0.047 U	2.1 J	
SHALLOW	114-MW43A	114-MW43A-20180417	9.5	N	T	JC64376	2018-04-17	< 4.3 U	< 1.7 U	< 8.1 U	< 1.3 U	< 0.053 UB	1.9 J	
SHALLOW	114-MW44A	114-MW44A	9.5	N	T	JC55349	2017-11-13	-	-	< 8.1 U	-	-	-	
SHALLOW	114-MW44A	114-MW44A	9.5	N	T	JC55349A	2017-11-13	< 4.3 U	< 0.85 U	-	5.3 J	< 1.6 U	< 1.3 U	
SHALLOW	132-MW2A	132-MW2A-11.0-20180426	11.0	N	T	JC64986	2018-04-26	< 4.3 U	< 0.85 U	< 8.1 U	10.0	< 0.047 U	< 1.3 U	
SHALLOW	132-MW2A	132-MW2A-11.0-20180426X	11.0	FD	T	JC64986	2018-04-26	< 4.3 U	< 0.85 U	< 8.1 U	10.4	< 0.047 U	< 1.3 U	
SHALLOW	132-P3A-MW102S	132-P3A-MW102S-11.0-20180426	11.0	N	T	JC64986	2018-04-26	< 4.3 U	< 0.85 U	< 8.1 U	1.7 J	< 0.047 U	< 1.3 U	
SHALLOW	132-P3A-MW3	132-P3A-MW3-11.0-20180424	11.0	N	T	JC64822	2018-04-24	< 4.3 U	4.3 J	< 8.1 U	2.7 J	< 0.047 U	10.0 J	
SHALLOW	132-P3A-MW3	132-P3A-MW3-15.0-20180424	15.0	N	T	JC64822	2018-04-24	< 22 U	20.5 J	< 8.1 U	10.0 J	< 0.047 U	46.5 J	
SHALLOW	132-P3A-MW4	132-P3A-MW4-17.0-20180424	17.0	N	T	JC64822	2018-04-24	< 22 U	22800 J	24100	8.0 J	< 0.24 U	10.0 J	
SHALLOW	132-P3A-MW4	132-P3A-MW4-17.0-20180424X	17.0	FD	T	JC64822	2018-04-24	< 4.3 U	4720 J	26100 J	< 1.3 U	0.059 J	1.7 J	
SHALLOW	132-P3A-MW4	132-P3A-MW4-13.0-20180424	13.0	N	T	JC64822	2018-04-24	< 22 U	28200	30500	< 6.7 U	0.075 J	7.5 J	
SHALLOW	133-MW6A	133-MW6A-20171215	12.5	N	T	JC57501	2017-12-15	-	-	8.4 J	-	-	-	
SHALLOW	133-MW6A	133-MW6A-20171215	12.5	N	T	JC57501A	2017-12-15	< 4.3 U	7.3 J	-	< 1.3 U	< 1.6 U	2.1 J	
SHALLOW	133-MW6A	133-MW6A-20180209	12.5	N	T	JC60563	2018-02-09	< 4.3 U	9.9 J	< 8.1 UJ	< 1.5 UB	< 1.6 U	3.1 J	
SHALLOW	135-MW1AR	135-MW1A-13.0-20180501	13.0	N	T	JC65255	2018-05-01	< 4.3 U	19.5	< 8.1 U	18.1 JB	0.12 J	23.1 J	
SHALLOW	135-MW2A	135-MW2A-14.0-20180423	14.0	N	T	JC64763	2018-04-23	< 4.3 U	2.3 J	< 8.1 U	4.5 J	< 0.094 U	1.9 J	
SHALLOW	135-MW2A	135-MW2A-10.0-20180423	10.0	N	T	JC64763	2018-04-23	< 4.3 U	1.0 J	< 8.1 U	4.8 J	< 0.12 U	2.1 J	
SHALLOW	135-MW2A	135-MW2A-6.0-20180423	6.0	N	T	JC64763	2018-04-23	< 4.3 U	1.1 J	< 8.1 U	3.8 J	< 0.12 U	2.7 J	
SHALLOW	135-P3C-MW102S	135-P3C-MW102S-12.0-20180423	12.0	N	T	JC64763	2018-04-23	< 4.3 U	3.4 J	< 8.1 U	5.8 J	< 0.047 U	5.4 J	
SHALLOW	186-MW02R	186-MW02R-13.0-20180531	13.0	N	T	JC67069	2018-05-31	< 4.3 U	1.6 J	< 8.1 U	27.4	< 0.047 U	< 1.3 U	
SHALLOW	186-MW02R	186-MW02R-8.0-20180531	8.0	N	T	JC67069	2018-05-31	< 4.3 U	2.1 J	< 8.1 U	27.8	< 0.047 U	1.7 J	
SHALLOW	MW10S	MW10S-12.0-20180426	12.0	N	T	JC64986	2018-04-26	< 4.3 U	2.2 J	< 8.1 U	4.6 J	0.093 J	< 1.3 U	
SHALLOW	MW10S	MW10S-8.0-20180426	8.0	N	D	JC64986	2018-04-26	< 4.3 U	< 0.85 U	< 8.1 U	4.1 J	0.059 J	< 1.3 U	
SHALLOW	MW10S	MW10S-8.0-20180426	8.0	N	T	JC64986	2018-04-26	< 4.3 U	1.4 J	< 8.1 U	4.2 J	0.070 J	< 1.3 U	

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								CAS RN	7440-36-0	7440-47-3	18540-29-9	7440-02-0	7440-28-0	7440-62-2
								GWQS	6	70	70	100	2	60
								Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
								Result	Result	Result	Result	Result	Result	Result
SHALLOW	MW7S	MW7S-10.0-20180430	10.0	N	D	JC65178	2018-04-30	< 4.3 U	2.0 J	< 8.1 U	3.8 J	0.19 J	< 1.3 U	
SHALLOW	MW7S	MW7S-10.0-20180430	10.0	N	T	JC65178	2018-04-30	< 4.3 U	4.0 J	< 8.1 U	4.3 J	0.21 J	1.7 J	
SHALLOW	MW8S	MW8S-20180427	9.5	N	D	JC65066	2018-04-27	< 4.3 U	1.6 J	< 8.1 U	< 2.3 UB	< 0.047 U	< 1.3 U	
SHALLOW	MW8S	MW8S-20180427	9.5	N	T	JC65066	2018-04-27	< 4.3 U	6.2 J	< 8.1 U	3.4 J	0.16 J	3.3 J	
SHALLOW	MW-CR-3	MW-CR-3-21.0-20180418	21.0	N	T	JC64444	2018-04-18	< 4.3 U	3.0 J	8.1 J	65.8	< 0.047 U	8.5 J	
SHALLOW	MW-CR-3	MW-CR-3-16.0-20180418	16.0	N	T	JC64444	2018-04-18	< 4.3 U	2.1 J	9.3 J	56.0	< 0.047 U	7.5 J	
SHALLOW	MW-CR-3	MW-CR-3-11.0-20180418	11.0	N	T	JC64444	2018-04-18	< 4.3 U	2.0 J	< 8.1 U	50.4	< 0.047 U	6.7 J	
INTERMEDIATE	10W-MW105I	10W-MW105I-20180312	37.5	N	T	JC62130	2018-03-12	< 4.3 U	23.3	26	6.0 J	0.12 J	6.3 J	
INTERMEDIATE	114-MW14B	114-MW14B-20171219	30.5	N	T	JC57638	2017-12-19	< 4.3 U	5.9 J	< 8.1 U	6.3 JB	< 1.6 U	14.3 J	
INTERMEDIATE	114-MW17B	114-MW17B-20180418	27.5	N	T	JC64444	2018-04-18	< 4.3 U	7.4 J	< 8.1 U	25.0	< 0.047 U	1.9 J	
INTERMEDIATE	114-MW19B	114-MW19B-20180501	47.5	N	T	JC65255	2018-05-01	< 4.3 U	168	< 8.1 U	< 2.6 UB	0.12 J	2.6 J	
INTERMEDIATE	114-MW20B	114-MW20B-20180419	37.5	N	T	JC64571	2018-04-19	< 430 U	412000	211000	< 6.7 U	< 0.24 U	< 130 U	
INTERMEDIATE	114-MW22B	114-MW22B-20180419	30.5	N	D	JC64571	2018-04-19	< 4.3 U	4590	1700	1.4 J	< 0.047 U	1.5 J	
INTERMEDIATE	114-MW22B	114-MW22B-20180419	30.5	N	T	JC64571	2018-04-19	< 4.3 U	4680	1800	2.6 J	< 0.047 U	3.1 J	
INTERMEDIATE	114-MW24B	114-MW24B-20180312	33.0	N	T	JC62130	2018-03-12	< 4.3 U	3.5 J	< 8.1 U	12.6	< 0.047 U	2.6 J	
INTERMEDIATE	114-MW25B	114-MW25B-20170928	32.5	N	T	JC52007	2017-09-28	-	-	< 8.1 U	-	-	-	
INTERMEDIATE	114-MW25B	114-MW25B-20170928	32.5	N	T	JC52007A	2017-09-28	-	6.2 J	-	-	-	-	
INTERMEDIATE	114-MW25B	114-MW25B-20170928	32.5	N	T	JC52029	2017-09-28	< 4.3 U	-	-	< 1.3 U	< 1.6 U	2.6 J	
INTERMEDIATE	114-MW26B	114-MW26B-20180313	35.5	N	D	JC62228	2018-03-13	< 4.3 U	< 0.85 U	< 8.1 U	8.1 J	< 0.047 U	7.5 J	
INTERMEDIATE	114-MW26B	114-MW26B-20180313	35.5	N	T	JC62228	2018-03-13	< 4.3 U	5.0 J	< 8.1 U	13.1	0.048 J	7.3 J	
INTERMEDIATE	114-MW26B	114-MW26B-20180313X	35.5	FD	D	JC62228	2018-03-13	< 4.3 U	< 0.85 U	< 8.1 U	8.5 J	< 0.047 U	8.0 J	
INTERMEDIATE	114-MW26B	114-MW26B-20180313X	35.5	FD	T	JC62228	2018-03-13	< 4.3 U	2.4 J	< 8.1 U	9.8 J	< 0.047 U	8.5 J	
INTERMEDIATE	114-MW27B	114-MW27B-20170928	32.5	N	T	JC52007	2017-09-28	-	-	< 8.1 U	-	-	-	
INTERMEDIATE	114-MW27B	114-MW27B-20170928	32.5	N	T	JC52007A	2017-09-28	-	5.1 J	-	-	-	-	
INTERMEDIATE	114-MW27B	114-MW27B-20170928	32.5	N	T	JC52029	2017-09-28	< 4.3 U	-	-	4.6 J	< 1.6 U	6.1 J	
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	35.5	N	T	JC56729	2017-12-06	-	-	8800	-	-	-	
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206	35.5	N	T	JC56729A	2017-12-06	< 22 U	9940	-	34.0	0.057 J	8.4 J	
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	35.5	FD	T	JC56729	2017-12-06	-	-	9300	-	-	-	
INTERMEDIATE	114-MW2B1-2I	FORREST-114-MW2B1-2I-20171206X	35.5	FD	T	JC56729A	2017-12-06	< 22 U	9930	-	34.0	0.062 J	6.6 J	
INTERMEDIATE	114-MW36B	114-MW36B-20170927	32.5	N	T	JC51874	2017-09-27	-	42.2	< 8.1 U	-	-	-	
INTERMEDIATE	114-MW36B	114-MW36B-20170927	32.5	N	T	JC51890	2017-09-27	< 8.6 U	-	-	17.4 J	< 3.3 U	27.0 J	
INTERMEDIATE	114-MW37B	114-MW37B-20170926	32.5	N	T	JC51802	2017-09-26	-	1.8 J	< 8.1 U	-	-	-	
INTERMEDIATE	114-MW37B	114-MW37B-20170926	32.5	N	T	JC51824	2017-09-26	< 4.3 U	-	-	20.6	< 1.6 U	2.2 J	
INTERMEDIATE	114-MW38B	FORREST-114-MW38B-20171204	39.5	N	T	JC56504	2017-12-04	-	-	< 8.1 U	-	-	-	
INTERMEDIATE	114-MW38B	FORREST-114-MW38B-20171204	39.5	N	T	JC56504A	2017-12-04	< 4.3 U	5.9 J	-	< 1.6 UB	0.089 J	5.5 J	
INTERMEDIATE	114-MW39B	114-MW39B-20180212	42.5	N	T	JC60652	2018-02-12	-	6.3 J	< 8.1 U	< 6.7 U	-	< 6.4 U	
INTERMEDIATE	114-MW39B	114-MW39B-20180212	42.5	N	T	JC60652R	2018-02-12	< 18 U	-	-	-	< 0.47 U	-	
INTERMEDIATE	114-MW39B	114-MW39B-20180212X	42.5	FD	T	JC60652	2018-02-12	-	5.2 J	9.2 J	< 6.7 U	-	< 6.4 U	
INTERMEDIATE	114-MW39B	114-MW39B-20180212X	42.5	FD	T	JC60652R	2018-02-12	< 18 U	-	-	-	0.49 J	-	
INTERMEDIATE	114-MW40B	114-MW40B-20180427	40.5	N	D	JC65066	2018-04-27	< 4.3 U	< 0.85 U	< 8.1 U	< 1.3 U	< 0.047 U	1.4 J	
INTERMEDIATE	114-MW40B	114-MW40B-20180427	40.5	N	T	JC65066	2018-04-27	< 4.3 U	1.3 J	< 8.1 U	< 1.3 U	< 0.047 U	1.9 J	
INTERMEDIATE	114-MW41B	114-MW41B-20180420	24.5	N	T	JC64643	2018-04-20	< 220 U	282000	275000	227	< 0.24 U	68.5 J	
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	37.5	N	T	JC58028	2017-12-26	-	-	1700	-	-	-	
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-37.5-20171226	37.5	N	T	JC58028A	2017-12-26	< 4.3 U	4430	-	20.3	< 0.047 U	6.1 J	
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	32.5	N	T	JC58028	2017-12-26	-	-	< 8.1 U	-	-	-	
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-32.5-20171226	32.5	N	T	JC58028A	2017-12-26	< 4.3 U	644	-	11.5	< 0.047 U	5.7 J	
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	27.5	N	T	JC58073	2017-12-27	-	-	8.7 J	-	-	-	
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-27.5-20171227	27.5	N	T	JC58073A	2017-12-27	< 4.3 U	542	-	7.8 J	< 0.047 U	6.1 J	
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	22.5	N	T	JC58073	2017-12-27	-	-	710	-	-	-	
INTERMEDIATE	114-P1-IRM-5I	114-P1-IRM-5I-22.5-20171227	22.5	N	T	JC58073A	2017-12-27	< 4.3 U	3270	-	7.5 J	< 0.047 U	10.0 J	
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-22.5-20180116	22.5	N	T	JC58942	2018-01-16	< 4.3 U	230	< 8.1 U	32.7	0.11 J	5.6 J	

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								CAS RN	7440-36-0	7440-47-3	18540-29-9	7440-02-0	7440-28-0	7440-62-2
								GWQS	6	70	70	100	2	60
								Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
								Result	Result	Result	Result	Result	Result	
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-27.5-20180116	27.5	N	T	JC58942	2018-01-16	< 4.3 U	1370	860	54.9	< 0.047 U	7.4 J	
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-32.5-20180116	32.5	N	T	JC58942	2018-01-16	< 4.3 U	2040	1100	63.2	< 0.047 U	7.4 J	
INTERMEDIATE	114-P1-MW-2I	114-P1-MW2I-37.5-20180116	37.5	N	T	JC58942	2018-01-16	< 4.3 U	2880	2000	71.6	< 0.047 U	7.5 J	
INTERMEDIATE	132-P3A-MW105I	132-P3A-MW105I-20180208	39.5	N	T	JC60477	2018-02-08	< 4.3 U	30.8	28 JB	< 10 U	< 3.3 U	33.7 J	
INTERMEDIATE	132-P3A-MW105I	132-P3A-MW105I-20180209X	39.5	FD	T	JC60564	2018-02-09	< 4.3 U	14.3	15 JB	1.7 J	< 1.6 U	17.6 J	
INTERMEDIATE	132-P3A-MW105I	132-P3A-MW105I-20180209Xa	39.5	FD	T	JC60564	2018-02-09	< 4.3 U	17.4	21 JB	1.5 J	< 1.6 U	19.1 J	
INTERMEDIATE	135-MW1B	135-MW1B-31.0-20180501	31.0	N	T	JC65255	2018-05-01	< 4.3 U	9.9 J	< 8.1 U	< 2.7 UB	0.057 J	13.3 J	
INTERMEDIATE	135-MW1B	135-MW1B-31.0-20180501X	31.0	FD	T	JC65255	2018-05-01	< 4.3 U	9.6 J	< 8.1 U	< 3.3 UB	< 0.047 U	13.6 J	
INTERMEDIATE	135-MW2B	135-MW2B-20180425	30.5	N	T	JC64901	2018-04-25	< 4.3 U	5.5 J	< 8.1 U	19.6	< 0.047 U	14.1 J	
INTERMEDIATE	135-MW3BR	135-MW3B-30.0-20180501	30.0	N	T	JC65255	2018-05-01	< 4.3 U	1.2 J	< 8.1 U	< 2.6 UB	< 0.047 U	1.6 J	
INTERMEDIATE	MW7D	MW7D-41.0-20180423	41.0	N	T	JC64763	2018-04-23	< 4.3 U	< 0.85 U	< 8.1 U	4.6 J	< 0.047 U	< 1.3 U	
INTERMEDIATE	MW7D	MW7D-45.0-20180423	45.0	N	T	JC64763	2018-04-23	< 4.3 U	< 0.85 U	< 8.1 U	4.0 J	< 0.047 U	< 1.3 U	
INTERMEDIATE	MW8D	MW8D-41.0-20180425	41.0	N	T	JC64901	2018-04-25	< 43 U	63100	77100	< 2.7 U	< 0.094 U	< 13 U	
INTERMEDIATE	MW8D	MW8D-41.0-20180425X	41.0	FD	T	JC64901	2018-04-25	< 43 U	70800	69600	< 2.7 U	< 0.094 U	< 13 U	
INTERMEDIATE	MW8D	MW8D-45.0-20180425	45.0	N	D	JC64901	2018-04-25	< 22 U	398	< 8.1 U	< 6.7 U	< 0.12 U	< 6.4 U	
INTERMEDIATE	MW8D	MW8D-45.0-20180425	45.0	N	T	JC64901	2018-04-25	< 22 U	1390	< 8.1 U	< 6.7 U	< 0.12 U	< 6.4 U	
DEEP	114-MW19C	114-MW19C-99.0-20180427	99.0	N	T	JC65066	2018-04-27	< 4.3 U	33.7	< 8.1 U	3.6 J	0.053 J	6.6 J	
DEEP	114-MW20C	114-MW20C-20180419	80.5	N	T	JC64571	2018-04-19	< 4.3 U	4.8 J	< 8.1 U	14.1	< 0.047 U	1.7 J	
DEEP	114-MW25C	114-MW25C-20180313	44.5	N	D	JC62228	2018-03-13	< 4.3 U	1.1 J	< 8.1 U	5.5 J	< 0.047 U	< 1.3 U	
DEEP	114-MW25C	114-MW25C-20180313	44.5	N	T	JC62228	2018-03-13	< 22 U	41.5 J	< 8.1 U	43.0 J	0.50 J	51.0 J	
DEEP	114-P1B-MW103D	114-P1B-MW103D-20171214	53.5	N	T	JC57385	2017-12-14	< 110 U	101000	95500	< 6.7 U	< 0.24 U	33.0 J	
DEEP	114-P1B-MW103D	114-P1B-MW103D-20171214X	53.5	FD	T	JC57385	2017-12-14	< 110 U	104000	95000	< 6.7 U	< 0.24 U	< 32 U	
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-50.0-20171221	50.0	N	T	JC57820	2017-12-21	58.0 J	67500	59500	42.3	< 0.047 U	< 13 U	
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-45.0-20171221	45.0	N	T	JC57820	2017-12-21	< 43 U	71700	63100	44.1	< 0.047 U	< 13 U	
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	40.0	N	T	JC57943	2017-12-22	-	-	65600	-	-	-	
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-40.0-20171222	40.0	N	T	JC57943A	2017-12-22	< 43 U	79000	-	38.6	< 0.094 U	< 13 U	
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	35.0	N	T	JC57943	2017-12-22	-	-	51000	-	-	-	
DEEP	114-P1-IRM-27D	114-P1-IRM-27D-35.0-20171222	35.0	N	T	JC57943A	2017-12-22	47.0 J	61000	-	34.8	< 0.094 U	< 13 U	
DEEP	132-P3A-MW104D-1	132-P3A-MW104D-1-52.0-20180426	52.0	N	T	JC64986	2018-04-26	< 4.3 U	45.3	17	< 1.3 U	0.19 J	< 1.3 U	
DEEP	132-P3A-MW104D-1	132-P3A-MW104D-1-52.0-20180426X	52.0	FD	T	JC64986	2018-04-26	< 4.3 U	41.8	18	< 1.3 U	0.21 J	< 1.3 U	
DEEP	132-P3A-MW104D-2	132-P3A-MW104D-2-69.0-20180426	69.0	N	T	JC64986	2018-04-26	< 4.3 U	3.8 J	< 8.1 U	3.1 J	0.066 J	2.5 J	
DEEP	MW6C	MW6C-62.0-20171220	62.0	N	T	JC57752	2017-12-20	< 22 U	35900	22900	62.4	< 0.047 U	< 1.3 U	
DEEP	MW6C	MW6C-57.0-20171220	57.0	N	T	JC57752	2017-12-20	< 22 U	25800	14300	62.1	< 0.047 U	< 1.3 U	
DEEP	MW8F	MW8F-20180425	80.5	N	T	JC64901	2018-04-25	< 4.3 U	2.0 J	< 8.1 U	< 1.3 U	< 0.047 U	1.4 J	
DEEP	MW-CR-3D	MW-CR-3D-20180418	43.5	N	T	JC64444	2018-04-18	< 4.3 U	2.0 J	< 8.1 U	9.0 J	< 0.047 U	< 1.3 U	
BASAL TILL	114-MW45C	114-MW45C-70.5-20191021	70.5	N	T	JC97157	2019-10-21	< 6.0 U	10.2	< 10 U	33.9	< 10 U	< 50 U	
BASAL TILL	114-MW45C	114-MW45C-71.0-20200820	71.0	N	T	JD12022	2020-08-20	< 4.7 U	7.9 J	< 5.8 U	25.7	< 0.17 U	< 1.8 U	
BASAL TILL	114-MW48C	114-MW48C-56.2-20200819	56.2	N	T	JD11956	2020-08-19	< 4.7 U	11.3 JB	< 5.8 U	< 1.7 UB	< 0.17 U	< 1.8 U	
BASAL TILL	114-MW49C	114-MW49C-69.0-20200819	69.0	N	T	JD11956	2020-08-19	< 4.7 U	15.2 JB	< 5.8 U	14.0 JB	< 0.17 U	9.8 J	
BASAL TILL	114-MW50C	114-MW50C-61.5-20200820	61.5	N	T	JD12022	2020-08-20	< 4.7 U	2.1 J	< 5.8 U	10.3	< 0.17 U	4.5 J	
BASAL TILL	114-MW51C	114-MW51C-76.0-20200828	76.0	N	T	JD12393	2020-08-28	< 4.7 U	3.3 J	< 5.8 U	4.4 J	< 0.17 U	1.8 J	
BASAL TILL	114-MW52C	114-MW52C-72.5-20200824	72.5	N	T	JD12146	2020-08-24	< 4.7 U	989	1000	10.2	< 0.17 U	3.7 J	
BASAL TILL	114-MW54C	114-MW54C-76.5-20200827	76.5	N	T	JD12322	2020-08-27	< 4.7 U	< 2.0 U	< 5.8 U	6.5 J	< 0.17 U	< 1.8 U	
BASAL TILL	114-MW56C	114-MW56C-72.0-20200821	72.0	N	T	JD12104	2020-08-21	< 4.7 U	1930	1800	2.3 J	< 0.17 U	7.1 J	
BASAL TILL	114-MW59C	114-MW59C-92.5-20200902	92.5	N	T	JD12593	2020-09-02	< 4.7 U	22.7	< 29 U	25.5	0.27 J	29.0 J	
BASAL TILL	114-MW63C	114-MW63C-67.0-20200827	67.0	N	T	JD12322	2020-08-27	< 4.7 U	167	150	2.9 J	< 0.17 U	< 1.8 U	
BASAL TILL	114-MW65C	114-MW65C-62.5-20200824	62.5	N	T	JD12146	2020-08-24	33.8	26800	25400	33.9	< 0.17 U	11.0 J	
BASAL TILL	132-P3-MW001D	132-P3-MW-001D-80.5	80.5	N	T	460-237317-1	2021-06-24	1.2 J	< 2.5 U	< 8.1 U	2.1 J	< 0.21 U	2.6 J	
BASAL TILL	132-P3-MW001D	132-P3-MW-001D-85.5	85.5	N	T	460-237317-1	2021-06-24	1.0 J	< 2.5 U	< 8.1 U	1.9 J	< 0.21 U	2.7 J	
BASAL TILL	132-P3-MW001D	132-P3-MW-001D-85.5-X	85.5	FD	T	460-237317-1	2021-06-24	0.82 J	< 2.5 U	< 8.1 U	2.5 J	< 0.21 U	3.8 J	
BASAL TILL/WEATHERED BR	114-MW58C	114-MW58C-76.0-20200831	76.0	N	T	JD12474	2020-08-31	< 4.7 U	4.4 J	< 5.8 U	2.1 J	< 0.17 U	2.0 J	

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Water-Bearing Zone	Location ID	Sample ID	Sample Depth (ft bTOIC)	Sample Type	Fraction	Lab SDG	Date Collected	Analyte	ANTIMONY	CHROMIUM	CHROMIUM (HEXAVALENT)	NICKEL	THALLIUM	VANADIUM
								CAS RN	7440-36-0	7440-47-3	18540-29-9	7440-02-0	7440-28-0	7440-62-2
								GWQS	6	70	70	100	2	60
								Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
								Result	Result	Result	Result	Result	Result	
BASAL TILL/WEATHERED BR	114-MW61C	114-MW61C-67.5-20200825	67.5	N	T	JD12215	2020-08-25	< 94 U	90400	88900	7.0 J	< 0.17 U	47.6 J	
BASAL TILL/WEATHERED BR	114-MW61C	114-MW61C-67.5-20200825X	67.5	FD	T	JD12215	2020-08-25	< 94 U	94100	86300	6.6 J	< 0.17 U	51.1 J	
BASAL TILL/WEATHERED BR	114-MW62C	114-MW62C-73.0-20200824	73.0	N	T	JD12146	2020-08-24	< 4.7 U	< 2.0 U	< 5.8 U	6.4 J	< 0.17 U	3.5 J	
WEATHERED BR	114-MW53C	114-MW53C-47.0-20200825	47.0	N	T	JD12215	2020-08-25	< 47 U	55000	46700	40.4	< 0.17 U	29.2 J	
WEATHERED BR	114-MW55C	114-MW55C-70.5-20200901	70.5	N	T	JD12508	2020-09-01	< 4.7 U	6.8 J	< 5.8 U	25.1	< 0.17 U	< 1.8 U	
WEATHERED BR	114-MW57C	114-MW57C-70-20200825	70.0	N	T	JD12215	2020-08-25	< 24 U	32100	30200	7.2 J	< 0.17 U	19.4 J	
WEATHERED BR	114-MW60C	114-MW60C-121.0-20200828	121.0	N	T	JD12393	2020-08-28	< 4.7 U	< 2.0 U	< 5.8 U	< 1.7 U	< 0.17 U	< 1.8 U	
WEATHERED BR	114-MW60C	114-MW60C-121.0-20200828X	121.0	FD	T	JD12393	2020-08-28	< 4.7 U	< 2.0 U	< 5.8 U	< 1.7 U	< 0.17 U	< 1.8 U	
WEATHERED BR	114-MW64C	114-MW64C-96.5-20200901	96.5	N	T	JD12508	2020-09-01	< 4.7 U	5.7 J	< 5.8 U	< 1.7 U	< 0.17 U	< 1.8 U	
BEDROCK	114-MW16B	114-MW16B-33.0-20200821	33.0	N	T	JD12104	2020-08-21	-	-	< 5.8 U	-	-	-	
BEDROCK	114-MW16B	114-MW16B-33.0-20200821	33.0	N	T	JD12104R	2020-08-21	< 4.7 U	2.8 J	-	1.8 J	< 0.17 U	7.9 J	
BEDROCK	114-MW4D	114-MW4D-104.5-105.0	104.5	N	T	JC88938	2019-05-30	< 4.7 U	11.3	< 5.8 U	7.1 J	< 0.17 U	4.9 J	
BEDROCK	114-MW4D	114-MW4D-104.5-105.0X	104.5	FD	T	JC88938	2019-05-30	< 4.7 U	9.8 J	< 5.8 U	7.3 J	< 0.17 U	4.4 J	
BEDROCK	114-MW4D	114-MW4D-99.5-100.0	99.5	N	T	JC88938	2019-05-30	< 4.7 U	10.5	< 5.8 U	10.5	< 0.17 U	4.8 J	
BEDROCK	114-MW4D	114-MW4D-94.5-95.0	94.5	N	T	JC88938	2019-05-30	< 4.7 U	16.0	< 5.8 U	11.8	< 0.17 U	7.2 J	
BEDROCK	114-MW4D	114-MW4D-89.5-90.0	89.5	N	T	JC88938	2019-05-30	< 4.7 U	9.0 J	< 5.8 U	7.4 J	< 0.17 U	4.1 J	
BEDROCK	114-MW4D	114-MW4D-100-20200826	100.0	N	T	JD12249	2020-08-26	< 4.7 U	< 2.0 U	< 5.8 UJ	< 1.7 U	< 0.17 U	< 1.8 U	
BEDROCK	114-MW4D	114-MW4D-95-20200826	95.0	N	T	JD12249	2020-08-26	< 4.7 U	< 2.0 U	< 5.8 UJ	< 1.7 U	< 0.17 U	< 1.8 U	
BEDROCK	114-MW4D	114-MW4D-90-20200826	90.0	N	T	JD12249	2020-08-26	< 4.7 U	< 2.0 U	< 5.8 UJ	< 1.7 U	< 0.17 U	< 1.8 U	
BEDROCK	114-MW4D	114-MW4D-85-20200826	85.0	N	T	JD12249	2020-08-26	< 4.7 U	2.0 J	< 5.8 UJ	4.3 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW52D	114-MW52D-81-20210211	81.0	N	T	JD20260	2021-02-11	< 47 U	44000	47300	36.0 J	< 1.7 U	< 1.8 U	
BEDROCK	114-MW52D	114-MW52D-83.5-20210211	83.5	N	T	JD20260	2021-02-11	< 47 U	43000	44500	34.0 J	< 1.7 U	< 1.8 U	
BEDROCK	114-MW52D	114-MW52D-88-20210211	88.0	N	T	JD20260	2021-02-11	< 47 U	44100	47300	34.0 J	< 1.7 U	< 1.8 U	
BEDROCK	114-MW52D	114-MW52D-102-20210211	102.0	N	T	JD20260	2021-02-11	< 47 U	42200	47000	29.0 J	< 1.7 U	< 1.8 U	
BEDROCK	114-MW52D	114-MW52D-105-20210211	105.0	N	T	JD20260	2021-02-11	< 47 U	46500	46500	37.0 J	< 1.7 U	< 1.8 U	
BEDROCK	114-MW57D	114-MW57D-87.25-20210209	87.25	N	T	JD20125	2021-02-09	< 4.7 U	108	< 5.8 UJ	4.4 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW57D	114-MW57D-90-20210209	90.0	N	T	JD20125	2021-02-09	< 4.7 U	82.4	< 5.8 UJ	4.2 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW57D	114-MW57D-98-20210210	98.0	N	T	JD20166	2021-02-10	< 4.7 U	112	< 5.8 U	4.7 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW57D	114-MW57D-98-20210210-X	98.0	FD	T	JD20166	2021-02-10	< 4.7 U	114	< 5.8 U	4.2 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW57D	114-MW57D-102-20210210	102.0	N	T	JD20166	2021-02-10	< 4.7 U	69.3	< 5.8 U	4.3 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW61D	114-MW61D-88-20210212	88.0	N	T	JD20313	2021-02-12	< 4.7 U	4.5 J	6.0 J	< 1.7 U	< 0.17 U	2.4 J	
BEDROCK	114-MW61D	114-MW61D-91-20210212	91.0	N	T	JD20313	2021-02-12	< 4.7 U	2.7 J	< 5.8 U	< 1.7 U	< 0.17 U	2.6 J	
BEDROCK	114-MW61D	114-MW61D-93.5-20210212	93.5	N	T	JD20313	2021-02-12	< 4.7 U	2.3 J	< 5.8 U	< 1.7 U	< 0.17 U	2.9 J	
BEDROCK	114-MW61D	114-MW61D-102-20210212	102.0	N	T	JD20313	2021-02-12	< 4.7 U	3.2 J	< 5.8 U	2.0 J	< 0.17 U	2.6 J	
BEDROCK	114-MW61D	114-MW61D-106.5-20210215	106.5	N	T	JD20380	2021-02-15	< 4.7 U	< 2.0 U	< 5.8 U	< 1.7 U	< 0.17 U	< 1.8 U	
BEDROCK	114-MW61D	114-MW61D-110-20210215	110.0	N	T	JD20380	2021-02-15	< 4.7 U	< 2.0 U	< 5.8 U	< 1.7 U	< 0.17 U	< 1.8 U	
BEDROCK	114-MW66D	114-MW66D-92-20210210	92.0	N	T	JD20166	2021-02-10	< 4.7 U	6450	5900	5.1 J	< 0.17 U	4.9 J	
BEDROCK	114-MW66D	114-MW66D-94-20210210	94.0	N	T	JD20166	2021-02-10	< 4.7 U	6350	6000	5.5 J	< 0.17 U	4.8 J	
BEDROCK	114-MW66D	114-MW66D-110-20210210	110.0	N	T	JD20166	2021-02-10	< 4.7 U	596	260	2.8 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW66D	114-MW66D-114-20210210	114.0	N	T	JD20166	2021-02-10	< 4.7 U	393	86	2.7 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW6D	114-MW6D-109.5-110.0	109.5	N	T	JC88938	2019-05-30	< 4.7 U	3.8 J	< 5.8 U	8.3 J	< 0.17 U	2.4 J	
BEDROCK	114-MW6D	114-MW6D-104.5-105.0	104.5	N	T	JC88938	2019-05-30	< 4.7 U	5.3 J	< 5.8 U	9.8 J	< 0.17 U	3.8 J	
BEDROCK	114-MW6D	114-MW6D-99.5-100.0	99.5	N	T	JC88938	2019-05-30	< 4.7 U	7.8 J	< 5.8 U	12.2	< 0.17 U	5.3 J	
BEDROCK	114-MW6D	114-MW6D-94.5-95.0	94.5	N	T	JC88938	2019-05-30	< 4.7 U	7.6 J	< 5.8 U	11.4	< 0.17 U	4.7 J	
BEDROCK	114-MW6D	114-MW6D-89.5-90.0	89.5	N	T	JC88938	2019-05-30	< 4.7 U	6.9 J	< 5.8 U	11.9	< 0.17 U	4.8 J	
BEDROCK	114-MW6D	114-MW6D-108.5-20200826	108.5	N	T	JD12249	2020-08-26	< 4.7 U	3.4 J	< 5.8 UJ	8.6 J	< 0.17 U	1.8 J	
BEDROCK	114-MW6D	114-MW6D-103.5-20200826	103.5	N	T	JD12249	2020-08-26	< 4.7 U	< 2.0 U	< 5.8 UJ	6.8 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW6D	114-MW6D-98.5-20200827	98.5	N	T	JD12322	2020-08-27	< 4.7 U	< 2.0 U	< 5.8 U	6.1 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW6D	114-MW6D-93.5-20200827	93.5	N	T	JD12322	2020-08-27	< 4.7 U	< 2.0 U	< 5.8 U	5.3 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW6D	114-MW6D-88.5-20200827	88.5	N	T	JD12322	2020-08-27	< 4.7 U	< 2.0 U	< 5.8 U	5.3 J	< 0.17 U	< 1.8 U	
BEDROCK	114-MW7D	114-MW7D-87.5-88.0	87.5	N	T	JC89029	2019-05-31	< 4.7 U	6.3 J	7.5 J-	2.9 J	< 0.17 U	5.2 J	
BEDROCK	114-MW7D	114-MW7D-87.5-20200831	87.5	N	T	JD12474	2020-08-31	< 4.7 U	3.6 J	< 5.8 U	< 1.7 U	< 0.17 U	< 1.8 U	

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								Analyte CAS RN GWQS Units	ANTIMONY 7440-36-0 6 ug/L	CHROMIUM 7440-47-3 70 ug/L	CHROMIUM (HEXAVALENT) 18540-29-9 70 ug/L	NICKEL 7440-02-0 100 ug/L	THALLIUM 7440-28-0 2 ug/L	VANADIUM 7440-62-2 60 ug/L
Water-Bearing Zone	Location ID	Sample ID	Sample Depth (ft bTOIC)	Sample Type	Fraction	Lab SDG	Date Collected	Result	Result	Result	Result	Result	Result	
Shallow Zone Monitoring Wells Sampled Prior to Soil Remediation and Subsequently Decommissioned														
SHALLOW	114-MW20A	114-MW20A-11.0-20180420	11.0	N	T	JC64643	2018-04-20	< 4.3 U	27.6	< 8.1 U	5.1 J	< 0.047 U	22.4 J	
SHALLOW	114-MW20A	114-MW20A-8.0-20180420	8.0	N	T	JC64643	2018-04-20	< 4.3 U	32.0	< 8.1 U	8.9 J	< 0.047 U	27.6 J	
SHALLOW	114-MW22A	114-MW22A-16.0-20180419	16.0	N	T	JC64571	2018-04-19	< 4.3 U	1.0 J	< 8.1 U	< 1.3 U	< 0.047 U	< 1.3 U	
SHALLOW	114-MW22A	114-MW22A-11.0-20180419	11.0	N	T	JC64571	2018-04-19	< 4.3 U	< 0.85 U	< 8.1 U	< 1.3 U	< 0.047 U	< 1.3 U	
SHALLOW	114-P2B4-MW1	114-P2B4-MW1-14.0-20180425	14.0	N	T	JC64901	2018-04-25	< 43 U	47900	47100	19.0 J	< 0.094 U	< 13 U	
SHALLOW	114-P2B4-MW1	114-P2B4-MW1-10.0-20180425	10.0	N	D	JC64901	2018-04-25	< 26 U	39600	35700	15.8 J	0.12 J	< 7.7 U	
SHALLOW	114-P2B4-MW1	114-P2B4-MW1-10.0-20180425	10.0	N	T	JC64901	2018-04-25	< 26 U	38600	37400	29.4 J	0.37 J	21.2 J	
SHALLOW	114-P2B4-MW1	114-P2B4-MW1-10.0-20180425X	10.0	FD	D	JC64901	2018-04-25	< 26 U	41000	35100	15.8 J	< 0.094 U	< 7.7 U	
SHALLOW	114-P2B4-MW1	114-P2B4-MW1-10.0-20180425X	10.0	FD	T	JC64901	2018-04-25	< 26 U	38400	36800	61.8 J	0.40 J	63.6 J	
SHALLOW	114-P2B4-MW2	114-P2B4-MW2-10.0-20180427	10.0	N	T	JC65066	2018-04-27	< 4.3 U	7310 J	39600 J	< 1.3 U	< 0.047 U	< 1.3 U	
SHALLOW	114-P2B4-MW2	114-P2B4-MW2-10.0-20180427X	10.0	FD	T	JC65066	2018-04-27	< 4.3 U	7220 J	34600 J	< 1.3 U	< 0.047 U	< 1.3 U	
SHALLOW	114-P2B4-MW2	114-P2B4-MW2-14.0-20180427	14.0	N	T	JC65066	2018-04-27	< 17 U	21400	21200	8.2 J	< 0.094 U	14.4 J	
SHALLOW	114-P2B4-MW2	114-P2B4-MW2-14.0-20180427X	14.0	FD	T	JC65066	2018-04-27	< 17 U	21100	21100	4.4 J	< 0.094 U	14.4 J	
SHALLOW	114-P2B4-MW3	114-P2B4-MW3-14.0-20180420	14.0	N	T	JC64643	2018-04-20	< 4.3 U	18.4	< 8.1 U	< 1.3 U	< 0.047 U	1.5 J	
SHALLOW	114-P2B4-MW3	114-P2B4-MW3-10.0-20180420	10.0	N	T	JC64643	2018-04-20	< 4.3 U	4.9 J	< 8.1 U	< 1.3 U	< 0.047 U	< 1.3 U	
SHALLOW	132-P3A-MW5	132-P3A-MW5-15.0-20180531	15.0	N	T	JC67069	2018-05-31	< 22 U	34800	38900	15.5 J	< 0.24 U	8.5 J	
SHALLOW	132-P3A-MW5	132-P3A-MW5-10.0-20180531	10.0	N	T	JC67069	2018-05-31	< 22 U	36700	41100	17.5 J	< 0.24 U	10.0 J	

Table 5-1
Groundwater Analytical Results - Cr+6 and CCPW Metals
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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:

bTOIC - below top of inner casing

CAS RN - Chemical Abstracts Service Registry Number

CCPW - Chromate Chemical Production Waste

Cr⁺⁶ - hexavalent chromium

Fractions:

D - dissolved/filtered

T - total/unfiltered

ft - feet

GWQS - Groundwater Quality Standard

MDL - method detection limit

N/A - not applicable

NJDEP - New Jersey Department of Environmental Protection

RL - reporting limit

Sample Types:

N - normal environmental sample

FD - field duplicate sample

SDG - sample delivery group

ug/L - micrograms per liter

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 RL and the RL was approximate.