

**Table 3-2
CCPW Metals Analytical Results Compared to Soil Remediation Standards
Caven Point Avenue and Pacific Avenue Roadways
PPG, Jersey City, New Jersey**

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (NAVD88)	Sample Start Elevation (NAVD88)	Sample End Elevation (NAVD88)	Collection Date	Validated	Analyte CAS RN Units RDCSRS RDCSRS-GAG NRDCSRS		ANTIMONY 7440-36-0 mg/kg 31 NA 450		CHROMIUM 7440-47-3 mg/kg 120000 NA NA		NICKEL 7440-02-0 mg/kg 1600 NA 23000		THALLIUM 7440-28-0 mg/kg NA NA NA		VANADIUM 7440-62-2 mg/kg NA 390 1100	
											Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
AA40A	135-B14	135-B14A(0.8-1.3)J48979-3	J48979	J48979-3	0.8 - 1.3	10.5	9.7	9.2	12/12/2006	Yes	16	J	288		24.6	Yes	< 1.1	U	34.3			
AA40A	135-B14	135-B14B(2.9-3.4)J48979-4	J48979	J48979-4	2.9 - 3.4	10.5	7.6	7.1	12/12/2006	Yes	44.3	J	138		30.1		< 1.2	U	36.2			
AA40A	135-B14	135-B14C(3.4-3.8)J48979-5	J48979	J48979-5	3.4 - 3.8	10.5	7.1	6.7	12/12/2006	Yes	3.5	J	36.1		14.3		< 1.2	U	14.5			
AA40A	135-B14	135-B14D(4.6-5.0)J48979-6	J48979	J48979-6	4.6 - 5.0	10.5	5.9	5.5	12/12/2006	Yes	< 1.9	UJ	6.9		< 3.8	U	< 0.96	U	9.5			
AA40A	135-B14	PPG-135-B14E 8.5-9.0 795159	B141	795159	8.5 - 9.0	10.5	2.0	1.5	12/20/2006	Yes	< 1.1	UJ	16.6		10.8		< 1.1	U	29.1			
AA40A	135-B14	PPG-135-B14F 12.8-13.3 795160	B141	795160	12.8 - 13.3	10.5	-2.3	-2.8	12/20/2006	Yes	< 2.2	UJ	27.5		14.4		< 1.1	UJ	39.5			
AA40A	135-B14	PPG-135-B14G 17.0-17.5 795161	B141	795161	17.0 - 17.5	10.5	-6.5	-7.0	12/20/2006	Yes	< 1.7	UJ	33.8		25.4		< 1.7	U	38			
AA40A	135-B14	PPG-135-B14H 20.4-20.9 795162	B141	795162	20.4 - 20.9	10.5	-9.9	-10.4	12/20/2006	Yes	< 1.2	UJ	11.8		13.8		< 1.2	U	13.9			
AA46A	EF-98	EF-B98-2.5	460298521	460-29852-17	2.5 - 3.0	9.4	6.9	6.4	08/11/2011	Yes					27.4							
BB35A	135-BB35AR	135-BB35AR-1.0-1.5	JC14857A	JC14857-10A	1.0 - 1.5	11.5	10.5	10.0	02/25/2016	Yes	0.59	J	30.5		20.9		< 0.20	U	47.9			
BB35A	135-BB35AR	135-BB35AR-3.0-3.5	JC14857A	JC14857-15A	3.0 - 3.5	11.5	8.5	8.0	02/25/2016	Yes	4.9	J	45.1		22.2		0.60	J	31.3			
BB35A	135-BB35AR	135-BB35AR-5.0-5.5	JC14857A	JC14857-16A	5.0 - 5.5	11.5	6.5	6.0	02/25/2016	Yes	10.9	J	70.7		21.6		0.63	J	38.4			
BB35A	135-BB35AR	135-BB35AR-7.0-7.5	JC14857A	JC14857-17A	7.0 - 7.5	11.5	4.5	4.0	02/25/2016	Yes	0.79	J	27.0		16.6		< 0.23	U	46.2			
BB35A	135-BB35AR	135-BB35AR-7.0-7.5X	JC14857A	JC14857-18A	7.0 - 7.5	11.5	4.5	4.0	02/25/2016	Yes	< 0.33	UJ	25.3		16.9		< 0.20	U	40.3			
BB35A	135-BB35AR	135-BB35AR-9.0-9.5	JC14857A	JC14857-19A	9.0 - 9.5	11.5	2.5	2.0	02/25/2016	Yes	0.39	J	17.8		11.4		< 0.19	U	31.8			
BB35A	135-BB35AR	135-BB35AR-11.0-11.5	JC14857A	JC14857-11A	11.0 - 11.5	11.5	0.5	0.0	02/25/2016	Yes	0.42	J	20.2		12.9		< 0.18	U	32.1			
BB35A	135-BB35AR	135-BB35AR-13.0-13.5	JC14857A	JC14857-12A	13.0 - 13.5	11.5	-1.5	-2.0	02/25/2016	Yes	< 0.38	UJ	16.7		13.2		< 0.23	U	27.4			
BB35A	135-BB35AR	135-BB35AR-14.0-14.5	JC14857A	JC14857-13A	14.0 - 14.5	11.5	-2.5	-3.0	02/25/2016	Yes	< 0.35	UJ	17.4		12.5		< 0.21	U	29.1			
BB35A	135-BB35AR	135-BB35AR-14.5-15.0	JC15136A	JC15136-2A	14.5 - 15.0	11.5	-3.0	-3.5	03/01/2016	Yes	< 0.36	U	20.1		13.8		< 0.22	U	31.5			
BB35A	135-BB35AR	135-BB35AR-15.0-15.5	JC14857A	JC14857-14A	15.0 - 15.5	11.5	-3.5	-4.0	02/25/2016	Yes	< 0.60	UJ	20.6	J	7.3	J	< 0.37	UJ	30.4	J		
BB35A	135-BB35AR	135-BB35AR-15.5-16.0	JC15136A	JC15136-3A	15.5 - 16.0	11.5	-4.0	-4.5	03/01/2016	Yes	< 0.55	U	35.7		27.6		< 0.34	U	44.0			
BB36A	135-BB36A	135-BB36A-1.5-2.0	JC14857A	JC14857-20A	1.5 - 2.0	11.4	9.9	9.4	02/25/2016	Yes	1.8	J	36.2		19.2		0.38	J	31.5			
BB36A	135-BB36A	135-BB36A-3.5-4.0	JC14857A	JC14857-24A	3.5 - 4.0	11.4	7.9	7.4	02/25/2016	Yes	0.68	J	12.3		9.9		< 0.23	U	19.3			
BB36A	135-BB36A	135-BB36A-5.5-6.0	JC14857A	JC14857-25A	5.5 - 6.0	11.4	5.9	5.4	02/25/2016	Yes	0.76	J	20.2		15.5		< 0.22	U	39.5			
BB36A	135-BB36A	135-BB36A-7.5-8.0	JC14857A	JC14857-26A	7.5 - 8.0	11.4	3.9	3.4	02/25/2016	Yes	0.76	J	16.2		12.6		< 0.22	U	29.7			
BB36A	135-BB36A	135-BB36A-9.5-10.0	JC14857A	JC14857-27A	9.5 - 10.0	11.4	1.9	1.4	02/25/2016	Yes	0.79	J	18.7		12.0		0.19	J	35.4			
BB36A	135-BB36A	135-BB36A-11.5-12.0	JC14857A	JC14857-21A	11.5 - 12.0	11.4	-0.1	-0.6	02/25/2016	Yes	0.41	J	16.2		11.4		< 0.23	U	27.6			
BB36A	135-BB36A	135-BB36A-13.5-14.0	JC14857A	JC14857-22A	13.5 - 14.0	11.4	-2.1	-2.6	02/25/2016	Yes	< 0.36	U	13.9		12.9		< 0.22	U	21.6			
BB36A	135-BB36A	135-BB36A-14.0-14.5	JC14857A	JC14857-23A	14.0 - 14.5	11.4	-2.6	-3.1	02/25/2016	Yes	< 0.31	UJ	22.7	J	9.7	J	< 0.19	UJ	30.7	J		
BB37A	135-B15	135-B15A(0.6-1.1)J48979-18	J48979	J48979-18	0.6 - 1.1	10.9	10.3	9.8	12/12/2006	Yes	50.3	J	53.7		28		< 1.1	U	50			
BB37A	135-B15	135-B15B(2.2-2.2)J48979-19	J48979	J48979-19	2.2 - 2.2	10.9	8.7	8.7	12/12/2006	Yes	< 2.6	UJ	18.9		14.1		< 1.3	U	21.1			
BB37A	135-B15	135-B15C(4.2-4.5)J48979-20	J48979	J48979-20	4.2 - 4.5	10.9	6.7	6.4	12/12/2006	Yes	3.9	J	23.1		21.9		< 1.6	U	29.7			
BB37A	135-B15	PPG-135-B15D 8.0-8.5 795806	B244	795806	8.0 - 8.5	10.9	2.9	2.4	12/22/2006	Yes	< 1.2	UJ	12.8		9.6		< 1.1	U	22.8			
BB37A	135-B15	PPG-135-B15E 12.0-12.5 795807	B244	795807	12.0 - 12.5	10.9	-1.1	-1.6	12/22/2006	Yes	< 1.2	UJ	14.7		9.7		< 1.1	U	24.8			
BB37A	135-B15	PPG-135-B15F 13.7-14.2 795808	B244	795808	13.7 - 14.2	10.9	-2.8	-3.3	12/22/2006	Yes	< 1.7	UJ	31.9		25.3		< 1.7	U	37.2			
BB37A	135-B15	PPG-135-B15G 17.5-18.0 795809	B244	795809	17.5 - 18.0	10.9	-6.6	-7.1	12/22/2006	Yes	< 1.7	UJ	30.7		24.8		< 1.7	U	35.1			
BB37A	135-B15	PPG-135-B15H 21.5-22.0 795810	B244	795810	21.5 - 22.0	10.9	-10.6	-11.1	12/22/2006	Yes	< 1.7	UJ	30.4		25.1		< 1.7	U	40.3			
BB37A	135-B15	PPG-135-B15I 23.0-23.5 795811	B244	795811	23.0 - 23.5	10.9	-12.1	-12.6	12/22/2006	Yes	< 1.1	UJ	11.9		12.8		< 1.1	U	14.0			
BB43A	EF-21	EF-B21-2.5	460254811	460-25481-3	2.5 - 3.0	10.0	7.5	7.0	04/18/2011	Yes	2.2	J	69.3		65.0		< 1.1	U	26.5			
BB43A	EF-21	EF-B21-7.5	460255501	460-25550-2	7.5 - 8.0	10.0	2.5	2.0	04/19/2011	Yes	< 1.1	UJ	17.4		12.1		< 1.2	U	29.7			
BB43A	EF-21	EF-B21-12.5	460255501	460-25550-5	12.5 - 13.0	10.0	-2.5	-3.0	04/19/2011	Yes	< 0.97	UJ	15.3		10.7		< 1.1	U	23.9			
BB43A	EF-21	EF-B21-17.5	460255501	460-25550-7	17.5 - 18.0	10.0	-7.5	-8.0	04/19/2011	Yes	< 2.1	UJ	32.4		20.6		< 2.3	U	51.3			
BB43A	EF-21	EF-B21-22.5	460255501	460-25550-8	22.5 - 23.0	10.0	-12.5	-13.0	04/19/2011	Yes	< 1.1	UJ	14.9		25.4		< 1.2	U	27.5			
CC31A	135-SI-DD31A	135-SI-DD31A-0.5-1.0	JC3898	JC3898-1	0.5 - 1.0	10.9	10.4	9.9	09/15/2015	Yes	1.3	J	340		27.8		< 0.63	U	78.7			
CC31A	135-SI-DD31A	135-SI-DD31A-2.6-3.1	JC3898	JC3898-2	2.6 - 3.1	10.9	8.3	7.8	09/15/2015	Yes	1.1	J	23.0		21.9		< 0.26	U	26.4			
CC31A	135-SI-DD31A	135-SI-DD31A-6.2-6.7	JC3898	JC3898-3	6.2 - 6.7	10.9	4.7	4.2	09/15/2015	Yes	1.3	J	46.2		15.7		< 0.68	U	19.7			
CC31A	135-SI-DD31A	135-SI-DD31A-10.0-10.5	JC3898	JC3898-4	10.0 - 10.5	10.9	0.9	0.4	09/15/2015	Yes	< 0.25	U	19.2		12.0		< 0.16	U	28.6			
CC33A	EF-19	EF-B19-2.5	460255501	460-25550-33	2.5 - 3.0	10.3	7.8	7.3	04/19/2011	Yes	< 1.0	UJ	12.3		15.5		< 1.2	U	13.9			
CC33A	EF-19	EF-B19-6.0	460255501	460-25550-16	6.0 - 6.5	10.3	4.3	3.8	04/19/2011	Yes	< 1.0	UJ	21.5		11.7		< 1.1	U	23.1			
CC33A	EF-19	EF-B19-11.0	460255501	460-25550-18	11.0 - 11.5	10.3	-0.7	-1.2	04/19/2011	Yes	< 1.0	UJ	15.9		11.9		< 1.1	U	23.1			
CC33A	EF-19	EF-B19-17.5	460255501	460-25550-21	17.0 - 17.5	10.3	-6.7	-7.2	04/19/2011	Yes	< 2.3	UJ	25.0		18.0	J	< 2.5	U	35.4			
CC33A	EF-19	EF-B19-17.5X	460255501	460-25550-22	17.0 - 17.5	10.3	-6.7	-7.2	04/19/2011	Yes	< 2.4	UJ	29.7		22.6		< 2.7	U	42.8			
CC33A	EF-19	EF-B19-22.5	460255501	460-25550-23	22.5 - 23.0	10.3	-12.2	-12.7	04/19/2011	Yes	< 1.7	UJ	20.5		17.8		< 1.9	U	31.4			
CC39A	EF-20	EF-B20-2.5	460254811	460-25481-7	2.5 - 3.0	10.7	8.2	7.7	04/18/2011	Yes	< 0.99	UJ	76.8		19.3		< 1.1	U	23.4			
CC39A	EF-20	EF-B20-7.0	460255501	460-25550-10	7.0 - 7.5	10.7	3.7	3.2	04/19/2011	Yes	< 1.0	UJ	15.9		10.3		< 1.1	U	31.5			
CC39A	EF-20	EF-B20-12.0	460255501	460-25550-12	12.0 - 12.5	10.7	-1.3	-1.8	04/19/2011	Yes	< 1.0	UJ	19.2		14.0		< 1.1	U	30.8			
CC39A	EF-20	EF-B20-17.0	460255501	460-25550-14	17.0 - 17.5	10.7	-6.3	-6.8	04/19/2011	Yes	< 1.6	UJ	38.0		27.9		< 1.7	U	43.4			
CC39A	EF-20	EF-B20-22.0	460255501	460-25550-15																		

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Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (NAVD88)	Sample Start Elevation (NAVD88)	Sample End Elevation (NAVD88)	Collection Date	Validated	Analyte CAS RN Units RDCSRS RDCSRS-GAG NRDCSRS		ANTIMONY 7440-36-0 mg/kg 31 NA 450		CHROMIUM 7440-47-3 mg/kg 120000 NA NA		NICKEL 7440-02-0 mg/kg 1600 NA 23000		THALLIUM 7440-28-0 mg/kg NA NA NA		VANADIUM 7440-62-2 mg/kg NA 390 1100	
											Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
DD31A	135-B16	135-B16B(2.0-2.4)J49116-3	J49116	J49116-3	2.0 - 2.4	9.9	7.9	7.5	12/13/2006	Yes	< 2.3	UJ	81.2		17.4		< 1.2	U	18.4			
DD31A	135-B16	135-B16C(4.2-4.6)J49116-4	J49116	J49116-4	4.2 - 4.6	9.9	5.7	5.3	12/13/2006	Yes	< 2.4	UJ	170		16.6		< 1.2	U	23.7			
DD31A	135-B16	PPG-135-B16D 8.0-8.5 795798	B244	795798	8.0 - 8.5	9.9	1.9	1.4	12/22/2006	Yes	< 1.2	UJ	15.2		11.0		< 1.1	U	23.3			
DD31A	135-B16	PPG-135-B16E 12.2-13.2 795799	B244	795799	12.2 - 13.2	9.9	-2.3	-3.3	12/22/2006	Yes	< 1.1	UJ	16.3	J	13.4	J	< 1.1	UJ	22.4	J		
DD31A	135-B16	PPG-135-B16ED 12.2-13.2 795800	B244	795800	12.2 - 13.2	9.9	-2.3	-3.3	12/22/2006	Yes	< 2.3	UJ	37.8	J	34.0	J	< 1.1	UJ	50.7	J		
DD31A	135-B16	PPG-135-B16F 16.2-16.7 795801	B244	795801	16.2 - 16.7	9.9	-6.3	-6.8	12/22/2006	Yes	< 1.8	UJ	33.0		27.0		< 1.8	U	38.0			
DD31A	135-B16	PPG-135-B16G 20.0-20.5 795802	B244	795802	20.0 - 20.5	9.9	-10.1	-10.6	12/22/2006	Yes	< 1.7	UJ	30.0		24.9		< 1.6	U	33.6			
DD31A	135-B16	PPG-135-B16H 20.9-21.4 795803	B244	795803	20.9 - 21.4	9.9	-11.0	-11.5	12/22/2006	Yes	< 1.3	UJ	12.7		12.1		< 1.3	U	17.6			
EE28A	135-B17	135-B17A(0.9-1.4)J49116-5	J49116	J49116-5	0.9 - 1.4	9.8	8.9	8.4	12/13/2006	Yes	3.2	J	19.7		11.5		< 1.1	U	21.3			
EE28A	135-B17	135-B17B(2.4-2.9)J49116-6	J49116	J49116-6	2.4 - 2.9	9.8	7.4	6.9	12/13/2006	Yes	< 2.4	UJ	12.7		9.5		< 1.2	U	17.5			
EE28A	135-B17	135-B17C(4.0-4.5)J49116-7	J49116	J49116-7	4.0 - 4.5	9.8	5.8	5.3	12/13/2006	Yes	< 3	UJ	23.5		23.7		< 1.5	U	32.8			
EE28A	135-B17	PPG-135-B17D 8.0-8.5	B200	795532	8.0 - 8.5	9.8	1.8	1.3	12/21/2006	Yes	< 1.4	UJ	20.9		14.1		< 1.1	UJ	32.9			
EE28A	135-B17	PPG-135-B17E 12.0-13.0	B200	795533	12.0 - 13.0	9.8	-2.2	-3.2	12/21/2006	Yes	< 1.4	UJ	9.9		7.3		< 1.1	U	16.3			
EE28A	135-B17	PPG-135-B17ED 12.0-13.0	B200	795534	12.0 - 13.0	9.8	-2.2	-3.2	12/21/2006	Yes	< 1.5	UJ	14.3		10.2		< 1.2	U	20.3			
EE28A	135-B17	PPG-135-B17F 14.9-15.4	B200	795535	14.9 - 15.4	9.8	-5.1	-5.6	12/21/2006	Yes	< 3.1	UJ	24.7		18.9		< 1.2	U	32.2			
EE28A	135-B17	PPG-135-B17G 18.8-19.3	B200	795536	18.8 - 19.3	9.8	-9.0	-9.5	12/21/2006	Yes	< 1.3	UJ	13.8		12.7		< 1.1	U	16.8			
FF23A	135-FF23A	135-FF23A-1.0-1.5	JC3801A	JC3801-1A	1.0 - 1.5	8.7	7.7	7.2	09/14/2015	Yes	20.4	J	28.2		40.8		< 0.24	U	18.5			
FF23A	135-FF23A	135-FF23A-3.0-3.5	JC3801A	JC3801-2A	3.0 - 3.5	8.7	5.7	5.2	09/14/2015	Yes	2.9	J	24.5		22.2		< 0.27	U	21.4			
FF23A	135-FF23A	135-FF23A-5.0-5.5	JC3801A	JC3801-3A	5.0 - 5.5	8.7	3.7	3.2	09/14/2015	Yes	2.0	J	24.1		15.7		< 0.29	U	22.0			
FF23A	135-FF23A	135-FF23A-5.0-5.5X	JC3801A	JC3801-4A	5.0 - 5.5	8.7	3.7	3.2	09/14/2015	Yes	0.72	J	17.9		10.9		< 0.27	U	18.3			
FF23A	135-FF23A	135-FF23A-7.0-7.5	JC3801A	JC3801-5A	7.0 - 7.5	8.7	1.7	1.2	09/14/2015	Yes	< 0.37	UJ	20.2		15.2		< 0.23	U	29.7			
FF23A	135-FF23A	135-FF23A-9.0-9.5	JC3801A	JC3801-6A	9.0 - 9.5	8.7	-0.3	-0.8	09/14/2015	Yes	< 0.38	UJ	18.4		13.3		< 0.23	U	30.9			
FF23A	135-FF23A	135-FF23A-11.0-11.5	JC3801A	JC3801-7A	11.0 - 11.5	8.7	-2.3	-2.8	09/14/2015	Yes	< 0.39	UJ	14.2		12.1		< 0.24	U	23.0			
FF23A	135-FF23A	135-FF23A-11.5-12.0	JC3801A	JC3801-8A	11.5 - 12.0	8.7	-2.8	-3.3	09/14/2015	Yes	< 0.41	UJ	14.6		13.4		< 0.25	U	22.1			
FF23A	135-FF23A	135-FF23A-12.0-12.5	JC3801A	JC3801-9A	12.0 - 12.5	8.7	-3.3	-3.8	09/14/2015	Yes	< 0.79	UJ	23.8	J	37.5	J	< 0.48	UJ	42.9	J		
FF25A	135-B18	135 B18A(0.6-1.1)J49116-10	J49116	J49116-10	0.6 - 1.1	9.0	8.4	7.9	12/13/2006	Yes	3.6	J	192		27.1		< 1.1	U	42			
FF25A	135-B18	135 B18B(2.8-3.3)J49116-11	J49116	J49116-11	2.8 - 3.3	9.0	6.2	5.7	12/13/2006	Yes	< 2.6	UJ	46.3		16.3		< 1.3	U	19.3			
FF25A	135-B18	135 B18C(4.1-4.6)J49116-12	J49116	J49116-12	4.1 - 4.6	9.0	4.9	4.4	12/13/2006	Yes	< 2.6	UJ	21.2		13.8		< 1.3	U	23.1			
FF25A	135-B18	PPG-135-B18D 8.0-8.5	B200	795539	8.0 - 8.5	9.0	1.0	0.5	12/21/2006	Yes	< 1.3	UJ	9.4		6.4		< 1.1	U	15.7			
FF25A	135-B18	PPG-135-B18E 12.0-13.0	B200	795540	12.0 - 13.0	9.0	-3.0	-4.0	12/21/2006	Yes	< 1.3	UJ	15.1		10.1		< 1.1	U	26			
FF25A	135-B18	PPG-135-B18F 13.2-13.7	B200	795541	13.2 - 13.7	9.0	-4.2	-4.7	12/21/2006	Yes	< 3.9	UJ	17.9		12		< 1.6	U	24.9			
FF25A	135-B18	PPG-135-B18G 16.2-16.7	B200	795543	16.2 - 16.7	9.0	-7.2	-7.7	12/21/2006	Yes	< 3.3	UJ	11.1		10.2		< 1.3	U	17.6			
FF25A	135-B18	PPG-135-B18H 17.5-18.0	B200	795544	17.5 - 18.0	9.0	-8.5	-9.0	12/21/2006	Yes	< 1.3	UJ	8.3		8.3		< 1.1	U	7.9			
FF31A	EF-124	EF-B124-0.6-1.1	JB15380	JB15380-8	0.6 - 1.1	10.9	10.3	9.8	09/04/2012	Yes					12.4							
GG27A	EF-18	EF-B18-2.5	460254811	460-25481-11	2.5 - 3.0	10.0	7.5	7.0	04/18/2011	Yes	5.8	J	75.9		36.9		< 1.1	U	13.7			
GG27A	EF-18	EF-B18-6.0	460255991	460-25599-1	6.0 - 6.5	10.0	4.0	3.5	04/20/2011	Yes	< 1.0	UJ	16.0		33.3		< 1.1	U	28.3			
GG27A	EF-18	EF-B18-11.5	460255991	460-25599-3	11.5 - 12.0	10.0	-1.5	-2.0	04/20/2011	Yes	< 1.1	UJ	14.4		14.3		< 1.2	U	16.9			
GG27A	EF-18	EF-B18-17.5	460255991	460-25599-7	17.5 - 18.0	10.0	-7.5	-8.0	04/20/2011	Yes	< 1.0	UJ	14.2		10.7		< 1.1	U	24.2			
GG27A	EF-18	EF-B18-22.5	460255991	460-25599-8	22.5 - 23.0	10.0	-12.5	-13.0	04/20/2011	Yes	< 1.0	UJ	10.2		12.0		< 1.1	U	12.6			
M46A	133-P3B-M46A	133-P3B-M46A-1.0-1.5	JB64984A	JB64984-9A	1.0 - 1.5	12.0	11.0	10.5	04/17/2014	Yes	3.7	J	327	J	25.7		< 0.46	U	36.5			
M46A	133-P3B-M46A	133-P3B-M46A-3.0-3.5	JB64984A	JB64984-10A	3.0 - 3.5	12.0	9.0	8.5	04/17/2014	Yes	4.0	J	157	J	95.1		< 0.50	U	29.2			
M46A	133-P3B-M46A	133-P3B-M46A-5.0-5.5	JB64984A	JB64984-11A	5.0 - 5.5	12.0	7.0	6.5	04/17/2014	Yes	1.4	J	32.8	J	19.6		< 0.54	U	34.8			
M46A	133-P3B-M46A	133-P3B-M46A-7.0-7.5	JB64984A	JB64984-12A	7.0 - 7.5	12.0	5.0	4.5	04/17/2014	Yes	1.4	J	29.2	J	22.4		< 0.64	U	44.7			
M46A	133-P3B-M46A	133-P3B-M46A-9.0-9.5	JB64984A	JB64984-13A	9.0 - 9.5	12.0	3.0	2.5	04/17/2014	Yes	1.6	J	13.4	J	13.8		< 0.53	U	17.0			
M46A	133-P3B-M46A	133-P3B-M46A-11.0-11.5	JB64984A	JB64984-14A	11.0 - 11.5	12.0	1.0	0.5	04/17/2014	Yes	4.0	J	13.6	J	11.4		< 0.56	U	21.5			
M46A	133-P3B-M46A	133-P3B-M46A-11.0-11.5X	JB64984A	JB64984-15A	11.0 - 11.5	12.0	1.0	0.5	04/17/2014	Yes	3.7	J	20.1	J	13.8		< 0.61	U	26.7			
M46A	133-P3B-M46A	133-P3B-M46A-11.5-12.0	JB64984A	JB64984-16A	11.5 - 12.0	12.0	0.5	0.0	04/17/2014	Yes	3.4	J	23.0	J	16.9		< 0.65	U	33.0			
W49A	135-B12	135-B12A(0.7-1.2)J48979-9	J48979	J48979-9	0.7 - 1.2	9.8	9.1	8.6	12/12/2006	Yes	< 2.1	UJ	41.2		14.7		< 1.1	U	27.9			
W49A	135-B12	135-B12B(1.5-2.0)J48979-10	J48979	J48979-10	1.5 - 2.0	9.8	8.3	7.8	12/12/2006	Yes	3.7	J	121		19.9		< 1.3	U	26.6			
W49A	135-B12	135-B12C(2.9-3.4)J48979-11	J48979	J48979-11	2.9 - 3.4	9.8	6.9	6.4	12/12/2006	Yes	< 2.2	UJ	26		9.7		< 1.1	U	24.4			
W49A	135-B12	135-B12D(3.7-4.2)J48979-12	J48979	J48979-12	3.7 - 4.2	9.8	6.1	5.6	12/12/2006	Yes	< 2.7	UJ	28.6		18.7		< 1.4	U	27.5			
W49A	135-B12	135-B12E(4.5-5.0)J48979-13	J48979	J48979-13	4.5 - 5.0	9.8	5.3	4.8	12/12/2006	Yes	< 2.4	UJ	21.1		11.6		< 1.2	U	17.5			
W49A	135-B12	PPG-135-B12E 8.5-9.0	B076	794787	8.5 - 9.0	9.8	1.3	0.8	12/19/2006	Yes	< 1.2	UJ	13.3		9.4		< 1.2	U	21.3			
W49A	135-B12	PPG-135-B12F 12.0-13.0	B076	794788	12.0 - 13.0	9.8	-2.2	-3.2	12/19/2006	Yes	< 2.5	UJ	16.7		15.9		< 1.2	U	26.6			
W49A	135-B12	PPG-135-B12G 16.0-16.5	B076	794789	16.0 - 16.5	9.8	-6.2	-6.7	12/19/2006	Yes	< 1.7	UJ	28.9		24.9		< 1.7	U	32.8			
W49A	135-B12	PPG-135-B12H 18.7-19.2	B076	794790	18.7 - 19.2	9.8	-8.9	-9.4	12/19/2006	Yes	< 1.2	UJ	12.4		11.3		< 1.1	U	15.5			
W49A	ASM-W49A-SW-E1	ASM-W49A-SW-E-5.5-6.0	JC56973	JC56973-3	5.5 - 6.0	14.2	8.7	8.2	12/08/2017	Yes	2.3	J-										
W49A	ASM-W49A-SW-E1	ASM-W49A-SW-E-5.5-6.0X	JC56973	JC56973-4	5.5 - 6.0	14.2	8.7	8.2	12/08/2017	Yes												

**Table 3-2
CCPW Metals Analytical Results Compared to Soil Remediation Standards
Caven Point Avenue and Pacific Avenue Roadways
PPG, Jersey City, New Jersey**

Grid ID	Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (NAVD88)	Sample Start Elevation (NAVD88)	Sample End Elevation (NAVD88)	Collection Date	Validated	Analyte CAS RN Units RDCSRS RDCSRS-GAG NRDCSRS		ANTIMONY 7440-36-0 mg/kg 31 NA 450		CHROMIUM 7440-47-3 mg/kg 120000 NA NA		NICKEL 7440-02-0 mg/kg 1600 NA 23000		THALLIUM 7440-28-0 mg/kg NA NA NA		VANADIUM 7440-62-2 mg/kg NA 390 1100	
											Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
X47A	135-B13	135-B13C(3.7-4.1)J48979-16	J48979	J48979-16	3.7 - 4.1	9.9	6.2	5.8	12/12/2006	Yes	< 2.8	UJ	168		23.3		< 1.4	U	35.2			
X47A	135-B13	135-B13D(4.8-5.3)J48979-17	J48979	J48979-17	4.8 - 5.3	9.9	5.1	4.6	12/12/2006	Yes	< 2.7	UJ	197		22.5		< 1.4	U	26.5			
X47A	135-B13	PPG-135-B13E 8.5-9.5 795151	B141	795151	8.5 - 9.5	9.9	1.4	0.4	12/20/2006	Yes	< 1.2	UJ	16.6		11.4		< 1.2	U	33.6			
X47A	135-B13	PPG-135-B13ED 8.5-9.5 795152	B141	795152	8.5 - 9.5	9.9	1.4	0.4	12/20/2006	Yes	< 1.1	UJ	16.6		10.8		< 1	U	31.1			
X47A	135-B13	PPG-135-B13F 13.5-14.0 795153	B141	795153	13.5 - 14.0	9.9	-3.6	-4.1	12/20/2006	Yes	< 1.2	UJ	17.6		11.6		< 1.1	U	26.2			
X47A	135-B13	PPG-135-B13G 17.6-18.1 795154	B141	795154	17.6 - 18.1	9.9	-7.7	-8.2	12/20/2006	Yes	< 2.1	UJ	24.2		18.9		< 2	U	36.9			
X47A	135-B13	PPG-135-B13H 21.5-22.5 795155	B141	795155	21.5 - 22.5	9.9	-11.6	-12.6	12/20/2006	Yes	< 1.5	UJ	20.4		17.8		< 1.4	U	24.8			
X47A	135-B13	PPG-135-B13I 24.0-24.5 795156	B141	795156	24.0 - 24.5	9.9	-14.1	-14.6	12/20/2006	Yes	< 1.4	UJ	10.4		13.2		< 1.4	U	13.3			
Y45A	135-MW1B	135-1BE 5.2-5.7 815726	E267	815726	5.2 - 5.7	10.0	4.8	4.3	03/22/2007	Yes	< 1.4	UJ	28.2		12.4		< 1.1	U	28.3			
Y45A	135-MW1B	135-1BF 9.0-9.4 815727	E267	815727	9.0 - 9.4	10.0	1.0	0.6	03/22/2007	Yes	< 1.4	UJ	65		14.7		< 1.1	U	36.2			
Y45A	135-MW1B	135-1BG 13.0-13.5 815728	E267	815728	13.0 - 13.5	10.0	-3.0	-3.5	03/22/2007	Yes	< 1.3	UJ	19.6		12.2		< 1.1	U	31.6			
Y45A	135-MW1B	135-1BH 14.0-15.0 815729	E267	815729	14.0 - 15.0	10.0	-4.0	-5.0	03/22/2007	Yes	< 1.4	UJ	16.8		10.4		< 1.1	U	26.7			
Y45A	135-MW1B	135-1BHD 14.0-15.0 815730	E267	815730	14.0 - 15.0	10.0	-4.0	-5.0	03/22/2007	Yes	< 1.4	UJ	15		9.4	J	< 1.1	U	22.6			
Y45A	135-MW1B	135-1BI 16.0-17.0 815731	E267	815731	16.0 - 17.0	10.0	-6.0	-7.0	03/22/2007	Yes	< 2.8	UJ	27.2	J	22.2	J	< 1.1	UJ	36.7	J		
Y45A	135-MW1B	135-1BJ 17.3-18.3 816122	E267	816122	17.3 - 18.3	10.0	-7.3	-8.3	03/23/2007	Yes	< 2.4	UJ	32.3	J	27.5	J	< 2	UJ	44.6	J		
Y45A	135-MW1B	135-1BK 18.3-18.8 816123	E267	816123	18.3 - 18.8	10.0	-8.3	-8.8	03/23/2007	Yes	< 1.6	UJ	10.5		6.2	J	< 1.3	U	18.4			
Y45A	135-MW1C	PPG 1351CA(0.6-1.1)J49116-13	J49116	J49116-13	0.6 - 1.1	9.9	9.3	8.8	12/13/2006	Yes	2.8	J	32.9		24.8		< 1.2	U	23.1			
Y45A	135-MW1C	PPG 1351CB(1.8-2.3) DUPJ49116-15	J49116	J49116-15	1.8 - 2.3	9.9	8.1	7.6	12/13/2006	Yes	6.9	J	28		29.2		< 1.3	U	28.6			
Y45A	135-MW1C	PPG 1351CB(1.8-2.3)J49116-14	J49116	J49116-14	1.8 - 2.3	9.9	8.1	7.6	12/13/2006	Yes	6.5	J	24.9		20.8		< 1.3	U	26.5			
Y45A	135-MW1C	PPG 1351CC(4.5-5.0)J49116-16	J49116	J49116-16	4.5 - 5.0	9.9	5.4	4.9	12/13/2006	Yes	< 2.9	UJ	1140		61.1		< 1.4	U	38.1			
Z39A	135-Z39A-SW-E	135-Z39A-SW-E-4.1-4.6	JC34136A	JC34136-2A	4.1 - 4.6	14.0	9.9	9.4	12/21/2016	Yes	2.8		139		20.4		< 0.43	U	31.5			
Z40A	135-Z40A-SW-E1	135-Z40A-SW-E-6.0-6.5	JC35023A	JC35023-12A	6.0 - 6.5	14.0	8.0	7.5	01/06/2017	Yes	15.5		167		23.8		< 0.49	U	34.7			
Z40A	135-Z40A-SW-E2	135-Z40A-SW-E-8.0-8.5	JC35023A	JC35023-11A	8.0 - 8.5	14.0	6.0	5.5	01/06/2017	Yes	3.4		122		19.7		< 0.49	U	39.1			
Z40A	135-Z40A-SW-E3	135-Z40A-SW-E-10.0-10.5	JC35023A	JC35023-10A	10.0 - 10.5	14.0	4.0	3.5	01/06/2017	Yes	< 0.18	U	31.9		12.0		< 0.50	U	34.6			
Z40A	135-Z40A-SW-E4	135-Z40A-SW-E-12.0-12.5	JC35023A	JC35023-9A	12.0 - 12.5	14.0	2.0	1.5	01/06/2017	Yes	0.38	J	52.7		15.7		< 0.39	U	39.2			
Z46A	EF-22	EF-B22-2.5	460255501	460-25550-37	2.5 - 3.0	9.4	6.9	6.4	04/19/2011	Yes	2.2	J	54.1		66.3		< 1.1	U	18.9			
Z46A	EF-22	EF-B22-5.5	460255501	460-25550-24	5.5 - 6.0	9.4	3.9	3.4	04/19/2011	Yes	2.8	J	13.4		14.5		< 1.2	U	21.1			
Z46A	EF-22	EF-B22-12.0	460255501	460-25550-26	12.0 - 12.5	9.4	-2.6	-3.1	04/19/2011	Yes	< 1.0	UJ	13.8		9.1	J	< 1.1	U	20.8			
Z46A	EF-22	EF-B22-17.5	460255501	460-25550-27	17.5 - 18.0	9.4	-8.1	-8.6	04/19/2011	Yes	< 2.8	UJ	24.7		15.9	J	< 3.1	U	36.1			
Z46A	EF-22	EF-B22-22.5	460255501	460-25550-29	22.5 - 23.0	9.4	-13.1	-13.6	04/19/2011	Yes	< 1.2	UJ	15.7		15.9		< 1.3	U	19.2			

Notes:

Definitions -
bgs - below ground surface
Bolded value - Indicates exceedance of RDCSRS
CAS-RN - Chemical Abstracts Service Registry Number
ft - feet or foot
mg/kg - milligrams per kilogram
NA - not applicable
NAVD88 - North American Vertical Datum of 1988
NJDEP - New Jersey Department of Environmental Protection
NRDCSRS - NJDEP Non-Residential Direct Contact Soil Remediation Standard
RDCSRS - NJDEP Residential Direct Contact Soil Remediation Standard
RDCSRS-GAG Residential Direct Contact Soil Remediation Standard - Garfield Avenue Group
SDG - Sample Delivery Group
"X" at the end of the Sample ID indicates field duplicate sample

Qualifiers -
J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.
J- - Indicates the analyte was positively identified; the associated numerical value is an estimated quantity with a potential low bias.
U - Indicates the analyte was not detected in the sample above the sample reporting limit.
UJ - Indicates the analyte was not detected above the reporting limit and the reporting limit was approximate.