

Table 5-2A
Validated CCPW Metals Sample Results Summary
Carteret Avenue Remedial Action Work Plan
PPG, Jersey City, New Jersey

Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	ANTIMONY 7440-36-0 mg/kg 31		CHROMIUM 7440-47-3 mg/kg 120000		NICKEL 7440-02-0 mg/kg 1600		THALLIUM 7440-28-0 mg/kg NA		VANADIUM 7440-62-2 mg/kg 390		Sample Status ^{1,2}
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
114-MW22B	PPG-114-MW22BA(5.0-5.5)J46994-1	J46994	J46994-1	5.0 - 5.5	12.6	7.6	7.1	11/20/2006	Yes	< 2.3	UJ	11.1	J	6.6		< 1.2	U	17.8	J	Removed
114-MW22B	PPG-114-MW22BB(9.5-10.0)J46994-2	J46994	J46994-2	9.5 - 10.0	12.6	3.1	2.6	11/20/2006	Yes	< 2.6	UJ	12.4		8.5		< 1.3	U	20.5		Remaining
114-MW22B	PPG-114-MW22BC(13.0-14.0)J46994-3	J46994	J46994-3	13.0 - 14.0	12.6	-0.4	-1.4	11/20/2006	Yes	< 2.5	UJ	13.9	J	8.8		< 1.3	U	22.6	J	Remaining
114-MW22B	PPG-114-MW22BCD(13.0-14.0)J46994-4	J46994	J46994-4	13.0 - 14.0	12.6	-0.4	-1.4	11/20/2006	Yes	< 2.5	UJ	13.6	J	9.2		< 1.2	U	21.0	J	Remaining
114-MW22B	PPG-114-MW22BD(17.5-18.0)J46994-5	J46994	J46994-5	17.5 - 18.0	12.6	-4.9	-5.4	11/20/2006	Yes	< 2.4	UJ	73.1	J	14.2		< 1.2	U	28.1	J	Remaining
114-MW22B	PPG-114-MW22BE(22.5-23.0)J46994-6	J46994	J46994-6	22.5 - 23.0	12.6	-9.9	-10.4	11/20/2006	Yes	< 2.3	UJ	43.0	J	9.2		< 1.2	U	39.8	J	Remaining
132-P3A-H15A	132-P3A-H15A-10.0-10.5	JB34144	JB34144-11	10.0 - 10.5	12.7	2.7	2.2	04/12/2013	Yes	5.5		5070	J	17.7		< 0.36	U	27.7		Remaining
132-P3A-H15A	132-P3A-H15A-12.0-12.5	JB34144	JB34144-10	12.0 - 12.5	12.7	0.7	0.2	04/12/2013	Yes	7.3		8900	J	23.6		0.93	J	34.8		Remaining
132-P3A-H15A	132-P3A-H15A-14.1-14.6	JB34144	JB34144-9	14.1 - 14.6	12.7	-1.4	-1.9	04/12/2013	Yes	0.32	J	190	J	11.9		< 0.28	U	26.9		Remaining
132-P3A-H15A	132-P3A-H15A-14.6-15.1	JB34144	JB34144-7	14.6 - 15.1	12.7	-1.9	-2.4	04/12/2013	Yes	4.2	J	104	J	40.4	J	0.80	J	64.7	J	Remaining
132-P3A-H15A	132-P3A-H15A-14.6-15.1X	JB34144	JB34144-8	14.6 - 15.1	12.7	-1.9	-2.4	04/12/2013	Yes	2.4	J	89.9	J	35.7	J	0.58	J	63.9	J	Remaining
135-B19	135-B19A (1.3-1.8)J49116-8	J49116	J49116-8	1.3 - 1.8	9.9	8.6	8.1	12/13/2006	Yes	< 2.3	UJ	169		61.1		< 1.2	U	50.5		Removed
135-B19	135-B19B (3.3-3.8)J49116-9	J49116	J49116-9	2.1 - 2.6	9.9	7.8	7.3	12/13/2006	Yes	2.7	J	457		26.1		< 1.3	U	25.1		Removed
135-B19	135 B19C(3.3-3.8)J49116-17	J49116	J49116-17	3.3 - 3.8	9.9	6.6	6.1	12/13/2006	Yes	< 2.7	UJ	231		21.3		< 1.3	U	25.1		Removed
135-B19	PPG-135-B19D 5.1-5.6 796867	B400	796867	5.1 - 5.6	9.9	4.8	4.3	01/02/2007	Yes	< 1.6	UJ	27.2		14.5		< 1.5	U	28		Removed
135-B19	PPG-135-B19E 9.4-9.9 796868	B400	796868	9.4 - 9.9	9.9	0.5	0.0	01/02/2007	Yes	< 1.6	UJ	23.5		18		< 1.5	U	39.1		Remaining
135-B19	PPG-135-B19F 13.2-13.7 796869	B400	796869	13.2 - 13.7	9.9	-3.3	-3.8	01/02/2007	Yes	< 1.7	UJ	21.9		15		< 1.6	U	32.2		Remaining
135-B19	PPG-135-B19G 17.2-18.2 796870	B400	796870	17.2 - 18.2	9.9	-7.3	-8.3	01/02/2007	Yes	< 1.9	UJ	33.7		28.3		< 1.8	U	41.1		Remaining
135-B19	PPG-135-B19GD 17.2-18.2 796871	B400	796871	17.2 - 18.2	9.9	-7.3	-8.3	01/02/2007	Yes	< 1.9	UJ	20.6		17.7		< 1.8	U	29.7		Remaining
135-B19	PPG-135-B19H 20.2-20.7 796872	B400	796872	20.2 - 20.7	9.9	-10.3	-10.8	01/02/2007	Yes	< 1.2	UJ	13		14.2		< 1.2	U	15		Remaining
143-B5	PPG-143-B5A 1.0-1.5 798411	B693	798411	1.0 - 1.5	12.9	11.9	11.4	01/09/2007	Yes	< 1.1	UJ	133	J	40.9	J	< 1.1	U	28.9	J	Removed
143-B5	PPG-143-B5B 2.0-2.5 798412	B693	798412	2.0 - 2.5	12.9	10.9	10.4	01/09/2007	Yes	< 1.7	UJ	35.9	J	17.4	J	2.4	B	29.7	J	Removed
143-B5	PPG-143-B5C 2.9-3.4 798413	B693	798413	2.9 - 3.4	12.9	10.0	9.5	01/09/2007	Yes	< 1.3	UJ	175	J	173	J	< 1.3	U	16.5	J	Removed
143-B5	PPG-143-B5D 3.5-4.1 798414	B693	798414	3.5 - 4.1	12.9	9.4	8.8	01/09/2007	Yes	< 1.1	UJ	15.1	J	10.3	J	< 1.1	U	23.6	J	Removed
143-B5	PPG-143-B5E 6.5-7.0 799362	B818	799362	6.5 - 7.0	12.9	6.4	5.9	01/11/2007	Yes	< 1.3	UJ	14.3	J	10.1	J	< 1.1	U	19		Removed
143-B5	PPG-143-B5F 8.8-9.5 799363	B818	799363	8.8 - 9.5	12.9	4.1	3.4	01/11/2007	Yes	< 1.5	UJ	17	J	12	J	< 1.2	U	18.7		Remaining
143-B5	PPG-143-B5G 9.5-9.9 799364	B818	799364	9.5 - 9.9	12.9	3.4	3.0	01/11/2007	Yes	< 1.4	UJ	20.6	J	17.8	J	< 1.1	U	33.3		Remaining
143-B5	PPG-143-B5H 9.9-10.6 799365	B818	799365	9.9 - 10.6	12.9	3.0	2.3	01/11/2007	Yes	9	J	13.9	J	14.5		< 1.2	U	10.4		Remaining
143-B5	PPG-143-B5HDUP 9.9-10.6 799366	B818	799366	9.9 - 10.6	12.9	3.0	2.3	01/11/2007	Yes	6.3	J	25.5	J	72.2	J	< 1.2	U	15.7		Remaining
143-B5	PPG-143-B5I 12.6-13.1 799367	B818	799367	12.6 - 13.1	12.9	0.3	-0.2	01/11/2007	Yes	< 1.8	UJ	12.9	J	12.9	J	< 1.5	U	28.1		Remaining
143-B5	PPG-143-B5J 13.1-13.9 799368	B818	799368	13.1 - 13.9	12.9	-0.2	-1.0	01/11/2007	Yes	< 2	UJ	22	J	15.5	J	< 1.6	U	37		Remaining
143-B5	PPG-143-B5K 17.1-17.6 799369	B818	799369	17.1 - 17.6	12.9	-4.2	-4.7	01/11/2007	Yes	< 1.4	UJ	14	J	9.4	J	< 1.1	U	22.6		Remaining
143-DD1-B03	DD1-B03-0.5	460343531	460-34353-5	0.5 - 1.0	12.6	12.1	11.6	12/05/2011	Yes	0.74	J	259		36.2		< 0.21	U	43.8		Removed
143-DD1-B03	DD1-B03-1.5	460343531	460-34353-6	1.5 - 2.0	12.6	11.1	10.6	12/05/2011	Yes	1.2	J	650		34.6		< 0.20	U	50.4		Removed
B4S	B4S(0.5-1)	R2319364	693035	0.5 - 1.0	12.4	11.9	11.4	12/02/2003	Yes	9.6	J	2430		148		< 0.47	U	354		Removed
B4S	B4S(5.5-6)	R2319364	693036	5.5 - 6.0	12.4	6.9	6.4	12/02/2003	Yes	14.7	J	4190		13.8		< 0.47	U	60.4		Removed
B4S	B4S(9.5-10)	R2319364	693037	9.5 - 10.0	12.4	2.9	2.4	12/02/2003	Yes	< 0.35	UJ	54		12.1		< 0.46	U	34.5		Remaining
B4S	B4S(13.5-14)	R2319364	693038	13.5 - 14.0	12.4	-1.1	-1.6	12/02/2003	Yes	< 0.36	UJ	18.8		10.7		< 0.47	U	25.7		Remaining
B4S	B4S(15.5-16)	R2319364	693029	15.5 - 16.0	12.4	-3.1	-3.6	12/02/2003	Yes	8.9	BJ	90.5		32.3		< 0.74	U	42.5		Remaining
C3	C3S0.5-1	R2318189	667704	0.5 - 1.0	12.5	12.0	11.5	08/27/2003	Yes	30.2		5530		695				4190		Removed
C3	C3S0.5-1)	R2420213	707935	0.5 - 1.0	12.5	12.0	11.5	08/27/2003	Yes							< 0.6	UJ			Removed
C3	C3S1.5-2	R2318189	667705	1.5 - 2.0	12.5	11.0	10.5	08/27/2003	Yes	44.3	J	7750		373		< 0.45	U	3620		Removed
C3	C3S5-5.5	R2318189	667706	5.0 - 5.5	12.5	7.5	7.0	08/27/2003	Yes	24.6	J	4450		64.3		1.2		29.4		Removed
C3	C3S11-11.5	R2318189	667710	11.0 - 11.5	12.5	1.5	1.0	08/27/2003	Yes	111	J	20700		428		< 0.54	U	113		Removed
C3	C3S15-15.5	R2318189	667709	15.0 - 15.5	12.5	-2.5	-3.0	08/27/2003	Yes	< 1	UJ	35.1		21.8		< 0.92	U	49.3		Removed
CAR-PDI-AA19A	CAR-PDI-AA19A-0.5-1.0	JC22070A	JC22070-2A	0.5 - 1.0	10.9	10.4	9.9	06/13/2016	Yes	< 1.0	UJ	2890		159		1.9	J	273		Removed
CAR-PDI-AA19A	CAR-PDI-AA19A-2.0-2.5	JC22070A	JC22070-9A	2.0 - 2.5	10.9	8.9	8.4	06/13/2016	Yes	< 1.0	UJ	3030		73.5		1.4	J	46.8		Removed
CAR-PDI-AA19A	CAR-PDI-AA19A-4.0-4.5	JC22070A	JC22070-10A	4.0 - 4.5	10.9	6.9	6.4	06/13/2016	Yes	< 0.31	UJ	14.1		6.4		< 0.43	U	16.2		Removed
CAR-PDI-AA19A	CAR-PDI-AA19A-6.0-6.5	JC22070A	JC22070-11A	6.0 - 6.5	10.9	4.9	4.4	06/13/2016	Yes	5.1	J	23.4		24.5		< 0.51	U	30.4		Removed
CAR-PDI-AA19A	CAR-PDI-AA19A-8.0-8.5	JC22070A	JC22070-12A	8.0 - 8.5	10.9	2.9	2.4	06/13/2016	Yes	< 0.34	UJ	17.1		11.1		< 0.46	U	25.1		Remaining
CAR-PDI-AA19A	CAR-PDI-AA19A-10.0-10.5	JC22070A	JC22070-3A	10.0 - 10.5	10.9	0.9	0.4	06/13/2016	Yes	< 0.30	UJ	19.4		12.3		< 0.41	U	30.6		Remaining
CAR-PDI-AA19A	CAR-PDI-AA19A-10.0-10.5X	JC22070A	JC22070-4A	10.0 - 10.5	10.9	0.9	0.4	06/13/2016	Yes	0.43	J	17.6		10.6		< 0.41	U	24.6		Remaining
CAR-PDI-AA19A	CAR-PDI-AA19A-12.0-12.5	JC22070A	JC22070-5A	12.0 - 12.5	10.9	-1.1	-1.6	06/13/2016	Yes	< 0.36	UJ	15.7		13.3		< 0.49	U	28.4		Remaining
CAR-PDI-AA19A	CAR-PDI-AA19A-14.0-14.5	JC22070A	JC22070-6A	14.0 - 14.5	10.9	-3.1	-3.6	06/13/2016	Yes	< 0.35	UJ	13.4		8.9		< 0.48	U	24.3		Remaining
CAR-PDI-AA19A	CAR-PDI-AA19A-14.7-15.2	JC22070A	JC22070-7A	14.7 - 15.2	10.9	-3.8	-4.3	06/13/2016	Yes	< 0.35	UJ	13.3		9.9		< 0.47	U	21.7		Remaining
CAR-PDI-AA19A	CAR-PDI-AA19A-15.2-15.7	JC22070A	JC22070-8A	15.2 - 15.7	10.9	-4.3	-4.8	06/13/2016	Yes	< 0.29	UJ	23.1	J	20.4	J	< 0.40	UJ	40.9	J	Remaining

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										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
CAR-PDI-DD21A	CAR-PDI-DD21A-1.5-2.0	JC22070A	JC22070-20A	1.5 - 2.0	10.7	9.2	8.7	06/13/2016	Yes	5.2	J	614		64.4		< 0.87	U	72.5		Removed
CAR-PDI-DD21A	CAR-PDI-DD21A-3.5-4.0	JC22070A	JC22070-24A	3.5 - 4.0	10.7	7.2	6.7	06/13/2016	Yes	0.65	J	27.2		16.9		< 0.49	U	21.5		Removed
CAR-PDI-DD21A	CAR-PDI-DD21A-5.5-6.0	JC22070A	JC22070-25A	5.5 - 6.0	10.7	5.2	4.7	06/13/2016	Yes	< 2.9	UJ	6380		49.1		4.1	J	21.2	J	Removed
CAR-PDI-DD21A	CAR-PDI-DD21A-7.5-8.0	JC22070A	JC22070-26A	7.5 - 8.0	10.7	3.2	2.7	06/13/2016	Yes	< 7.2	UJ	21400	J	30.5	J	< 9.8	UJ	122	J	Remaining
CAR-PDI-DD21A	CAR-PDI-DD21A-9.5-10.0	JC22070A	JC22070-27A	9.5 - 10.0	10.7	1.2	0.7	06/13/2016	Yes	2.0	J	3040		24.0		< 2.0	U	27.2		Remaining
CAR-PDI-DD21A	CAR-PDI-DD21A-11.5-12.0	JC22070A	JC22070-21A	11.5 - 12.0	10.7	-0.8	-1.3	06/13/2016	Yes	< 0.29	UJ	291	J	35.6	J	< 0.80	UJ	42.1	J	Remaining
CAR-PDI-DD21A	CAR-PDI-DD21A-13.5-14.0	JC22070A	JC22070-22A	13.5 - 14.0	10.7	-2.8	-3.3	06/13/2016	Yes	< 0.32	UJ	25.8		12.4		< 0.44	U	32.1		Remaining
CAR-PDI-DD21A	CAR-PDI-DD21A-14.0-14.5	JC22070A	JC22070-23A	14.0 - 14.5	10.7	-3.3	-3.8	06/13/2016	Yes	< 0.29	UJ	28.5	J	16.9	J	< 0.40	UJ	37.4	J	Remaining
EF-49	EF-B49-12.0	460268811	460-26881-2	12.0 - 12.5	10.2	-1.8	-2.3	05/25/2011	Yes	< 1.0	U							32.8		Remaining
EF-99	EF-B099-0.5-1.0	JB15380	JB15380-5	0.5 - 1.0	10.8	10.3	9.8	09/04/2012	Yes	1.1	J									Remaining
EF-99	EF-B099-0.5-1.0X	JB15380	JB15380-4	0.5 - 1.0	10.8	10.3	9.8	09/04/2012	Yes	1.2	J									Remaining
MW4A	MW4A(2-4)	R2319208	689703	2.0 - 4.0	12.8	10.8	8.8	11/18/2003	Yes	0.85	B	99.1	J	11.9				31.5		Removed
MW4A	MW4A(2-4)-715860	R2420794	715860	2.0 - 4.0	12.8	10.8	8.8	11/18/2003	Yes							0.18				Removed
MW4A	MW4A(12-14)	R2319208	689704	12.0 - 14.0	12.8	0.8	-1.2	11/18/2003	Yes	0.39	B	43.5	J	9.9		< 0.49	U	21.4	E	Remaining
MW4B	MW4B(30-32)-693428	R2319419	693428	30.0 - 32.0	12.7	-17.3	-19.3	12/03/2003	Yes	1.4	B	355		3	BJ	< 0.49	U	6.4	J	Remaining
OSB-9	OSB-9A(1-1.5)20060721	J36325	J36325-4	1.0 - 1.5	12.9	11.9	11.4	07/21/2006	Yes	< 2.2	UJ	710	J	46.8		< 1.1	U	69.5	J	Removed
OSB-9	OSB-9B(2.3-2.8)20060721	J36325	J36325-5	2.3 - 2.8	12.9	10.6	10.1	07/21/2006	Yes	< 2.2	UJ	106	J	14.9		< 1.1	U	30.4	J	Removed
OSB-10	OSB-10A(1-1.5)20060720	J36229	J36229-3	1.0 - 1.5	12.5	11.5	11.0	07/20/2006	Yes	< 2.3	UJ	2470	J	244		< 1.2	U	316	J	Removed
OSB-10	OSB-10B(3.1-3.6)20060720	J36229	J36229-4	3.1 - 3.6	12.5	9.4	8.9	07/20/2006	Yes	< 3.5	UJ	5180	J	200		< 1.7	U	109	J	Removed
OSB-10	OSB-10C(4.6-5.1)20060720	J36229	J36229-5	4.6 - 5.1	12.5	7.9	7.4	07/20/2006	Yes	< 2.5	UJ	972	J	16.7		< 1.3	U	28.0	J	Removed
OSB-12	OSB-12A(1-1.5)20060719	J36116	J36116-5A	1.0 - 1.5	12.8	11.8	11.3	07/19/2006	Yes	< 2.8	UJ	10700	J	309	J	< 2.8	U	417	J	Removed
OSB-12	OSB-12B(4.2-4.7)20060719	J36116	J36116-6A	4.2 - 4.7	12.8	8.6	8.1	07/19/2006	Yes	< 3.1	UJ	10200	J	352	J	< 1.6	U	401	J	Removed
OSB-13	OSB-13A(1-1.5)20060720	J36229	J36229-1	1.0 - 1.5	12.6	11.6	11.1	07/20/2006	Yes	< 2.4	UJ	5140	J	290		< 1.2	U	337	J	Removed
OSB-13	OSB-13B(2-2.5)20060720	J36229	J36229-2	2.0 - 2.5	12.6	10.6	10.1	07/20/2006	Yes	< 5.7	UJ	3130	J	704		< 2.9	U	324	J	Removed
OSB-15	OSB-15A(1.1-1.6)20060719	J36116	J36116-3A	1.1 - 1.6	12.1	11.0	10.5	07/19/2006	Yes	< 2.1	UJ	49.1	J	16.9	J	< 1.1	U	35.0	J	Removed
OSB-15	OSB-15B(4.3-4.8)20060719	J36116	J36116-4A	4.3 - 4.8	12.1	7.8	7.3	07/19/2006	Yes	2.5	J	2230	J	99.4	J	< 1.2	U	130	J	Removed
OSB-17	OSB-17A(0.9-1.4)20060719	J36116	J36116-1A	0.9 - 1.4	12.1	11.2	10.7	07/19/2006	Yes	< 2.2	UJ	119	J	22.3	J	< 1.1	U	50.0	J	Removed
OSB-17	OSB-17B(4.2-4.7)20060719	J36116	J36116-2A	4.2 - 4.7	12.1	7.9	7.4	07/19/2006	Yes	< 2.7	UJ	1370	J	62.0	J	< 2.7	U	90.9	J	Removed
OSB-19	OSB-19A(0.9-1.4)20060718	J35981	J35981-6A	0.9 - 1.4	11.7	10.8	10.3	07/18/2006	Yes	< 5.0	UJ	9300		478		< 2.5	U	826		Removed
OSB-19	OSB-19D(9.2-9.7)20060807	J37754	J37754-3	9.2 - 9.7	11.7	2.5	2.0	08/07/2006	Yes	< 3.6	UJ	10500	J	23.0		< 1.8	UJ	24.1	J	Removed
OSB-19	OSB-19E(10.8-11.3)20060807	J37754	J37754-4	10.8 - 11.3	11.7	0.9	0.4	08/07/2006	Yes	< 3.7	UJ	4780	J	20.3		< 1.9	U	33.0		Removed
OSB-19	OSB-19F(13.5-14.0)20060807	J37754	J37754-5	13.5 - 14.0	11.7	-1.8	-2.3	08/07/2006	Yes	< 5.2	UJ	186	J	10.8		< 2.6	UJ	54.4	J	Remaining
OSB-19	OSB-19FD(13.5-14.0)20060807	J37754	J37754-6	13.5 - 14.0	11.7	-1.8	-2.3	08/07/2006	Yes	< 4.5	UJ	158	J	< 9.0	U	< 2.3	UJ	38.3	J	Remaining
OSB-21	OSB-21A(1.15-1.65)20060718	J35981	J35981-1A	1.1 - 1.6	11.5	10.4	9.9	07/18/2006	Yes	18.6	J	1140		53.7		< 5.8	U	60.4		Removed
OSB-21	OSB-21B(2.7-3.2)20060718	J35981	J35981-2A	2.7 - 3.2	11.5	8.8	8.3	07/18/2006	Yes	5.2	J	977		35.3		< 1.5	U	44.2		Removed
OSB-21	OSB-21C(13.3-13.8)20060807	J37754	J37754-1	13.3 - 13.8	11.5	-1.8	-2.3	08/07/2006	Yes	< 2.5	UJ	213	J	17.7		< 1.2	UJ	31.8	J	Removed
OSB-22	OSB-22A(1.05-1.55)20060718	J35981	J35981-3A	1.0 - 1.5	10.9	9.8	9.3	07/18/2006	Yes	< 2.2	UJ	834		72.7		< 1.1	U	122		Removed
OSB-22	OSB-22B(4.0-4.5)20060718	J35981	J35981-4A	4.0 - 4.5	10.9	6.9	6.4	07/18/2006	Yes	< 3.1	UJ	3800		30.1		< 1.5	U	44.8		Removed
OSB-22	OSB-22BD(4.0-4.5)20060718	J35981	J35981-5A	4.0 - 4.5	10.9	6.9	6.4	07/18/2006	Yes	< 3.3	UJ	2890		33.3		< 1.6	U	47.8		Removed
OSB-22	OSB-22C(11-12)20060725	J36596	J36596-1	11.0 - 12.0	10.9	-0.1	-1.1	07/25/2006	Yes	< 2.7	UJ	29.5		11.7		< 1.3	U	27.0		Remaining
OSB-22	OSB-22D(16.8-17.3)20060725	J36596	J36596-2	16.8 - 17.3	10.9	-5.9	-6.4	07/25/2006	Yes	< 6.3	UJ	61.9		18.5		< 3.1	U	31.2		Remaining

Table 5-2A
Validated CCPW Metals Sample Results Summary
Carteret Avenue Remedial Action Work Plan
PPG, Jersey City, New Jersey

Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	ANTIMONY 7440-36-0 mg/kg 31		CHROMIUM 7440-47-3 mg/kg 120000		NICKEL 7440-02-0 mg/kg 1600		THALLIUM 7440-28-0 mg/kg NA		VANADIUM 7440-62-2 mg/kg 390		Sample Status ^{1,2}
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
P4-CC20A	P4-CC20A-0.5-1.0	JB83952A	JB83952-2A	0.5 - 1.0	10.1	9.6	9.1	12/11/2014	Yes	< 0.30	U	12.4		6.6		< 0.46	U	21.0		Removed
P4-CC20A	P4-CC20A-2.0-2.5	JB83952A	JB83952-3A	2.0 - 2.5	10.1	8.1	7.6	12/11/2014	Yes	< 0.30	U	15.2		6.9		< 0.46	U	26.4		Removed
P4-CC20A	P4-CC20A-4.0-4.5	JB83952A	JB83952-4A	4.0 - 4.5	10.1	6.1	5.6	12/11/2014	Yes	0.40	J	18.4		16.5		< 0.43	U	32.1		Removed
P4-CC20A	P4-CC20A-6.0-6.5	JB83952A	JB83952-5A	6.0 - 6.5	10.1	4.1	3.6	12/11/2014	Yes	< 0.27	U	20.6		18.5		< 0.40	U	35.4		Removed
P4-CC20A	P4-CC20A-8.0-8.5	JB83952A	JB83952-6A	8.0 - 8.5	10.1	2.1	1.6	12/11/2014	Yes	< 0.29	U	18.2		13.6		< 0.43	U	31.4		Remaining
PSEG-SB52	PSEG-SB52A(1.0-1.5)J47237-1	J47237	J47237-1	1.0 - 1.5	11.1	10.1	9.6	11/22/2006	Yes	5.8	J	1860	J	97.9		< 1.2	U	115	J	Removed
PSEG-SB52	PSEG-SB52B(6.0-6.5)J47237-2	J47237	J47237-2	6.0 - 6.5	11.1	5.1	4.6	11/22/2006	Yes	4.2	J	6150	J	19.7		< 1.7	U	19.2	J	Removed
PSEG-SB52	PSEG-SB52BD(6.0-6.5)J47237-3	J47237	J47237-3	6.0 - 6.5	11.1	5.1	4.6	11/22/2006	Yes	4.2	J	5820	J	18.1		< 1.7	U	17.6	J	Removed
PSEG-SB52	PSEG-SB52C(8.5-9.0)J47237-5	J47237	J47237-5	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	Yes	< 4.3	UJ	134	J	19.2		< 2.2	U	50.9	J	Remaining
PSEG-SB52	PSEG-SB52D(9.0-9.1)J47237-6	J47237	J47237-6	9.0 - 9.1	11.1	2.1	2.0	11/22/2006	Yes	< 4	UJ	33.8	J	16.3		< 2	U	48.5	J	Remaining
PSEG-SB52	PSEG-SB52E(10.0-10.5)J47237-7	J47237	J47237-7	10.0 - 10.5	11.1	1.1	0.6	11/22/2006	Yes	< 2.5	UJ	13	J	7		< 1.3	U	20	J	Remaining
PSEG-SB52	PSEG-SB52F(12.0-13.0)J47237-8	J47237	J47237-8	12.0 - 13.0	11.1	-0.9	-1.9	11/22/2006	Yes	< 2.3	UJ	11.7	J	10.4		< 1.2	U	17.8	J	Remaining
PSEG-SB52	PSEG-SB52G(14.2-14.9)J47237-9	J47237	J47237-9	14.2 - 14.9	11.1	-3.1	-3.8	11/22/2006	Yes	< 2.3	UJ	21.5	J	11.4		< 1.2	U	25.4	J	Remaining
PSEG-SB52	PSEG-SB52GD(14.2-14.9)J47237-10	J47237	J47237-10	14.2 - 14.9	11.1	-3.1	-3.8	11/22/2006	Yes	< 2.4	UJ	14.1	J	10.8		< 1.2	U	23.8	J	Remaining
PSEG-SB52	PSEG-SB52H(16.0-16.5)J47368-9	J47368	J47368-9	16.0 - 16.5	11.1	-4.9	-5.4	11/27/2006	Yes	< 4.2	UJ	80.2		21.3		< 2.1	U	35.2		Remaining
PSEG-SB52	PSEG-SB52I(19.0-20.0)J47368-10	J47368	J47368-10	19.0 - 20.0	11.1	-7.9	-8.9	11/27/2006	Yes	< 3.7	UJ	31.1		24.5		< 1.8	U	34.2		Remaining
PSEG-SB52	PSEG-SB52ID(19.0-20.0)J47368-11	J47368	J47368-11	19.0 - 20.0	11.1	-7.9	-8.9	11/27/2006	Yes	< 3.8	UJ	32.8		25.4		< 1.9	U	36.6		Remaining
PSEG-SB52	PSEG-SB52J(20.0-21.0)J47368-12	J47368	J47368-12	20.0 - 21.0	11.1	-8.9	-9.9	11/27/2006	Yes	< 3.6	UJ	18.5		9.4		< 1.8	U	16.5		Remaining
PSEG-SB52	PSEG-SB52K(21.0-21.2)J47368-13	J47368	J47368-13	21.0 - 21.2	11.1	-9.9	-10.1	11/27/2006	Yes	< 2.5	UJ	17.1		10.1		< 1.3	U	18.6		Remaining
XOSB-9	114-XOSB9C(5-6.3)20060920	J41625	J41625-1	5.0 - 6.3	13.7	8.7	7.4	09/20/2006	Yes	6.1	J	15.2		10.5		< 1.1	U	20.9		Removed
XOSB-9	114-XOSB9CD(5-6.3)20060920	J41625	J41625-3	5.0 - 6.3	13.7	8.7	7.4	09/20/2006	Yes	< 2.3	UJ	14.0		9.3		< 1.2	U	21.0		Removed
XOSB-9	114-XOSB9D(8-10.1)20060920	J41625	J41625-2	8.0 - 10.1	13.7	5.7	3.6	09/20/2006	Yes	< 2.4	UJ	19.2		10		< 1.2	U	18.0		Removed
XOSB-9	114-XOSB9E(16-17)20060920	J41625	J41625-4	16.0 - 17.0	13.7	-2.3	-3.3	09/20/2006	Yes	< 6.5	U	10.8		< 13	U	< 3.3	U	18.9		Remaining
XOSB-9	114-XOSB9G(24-26)20060920	J41625	J41625-6	24.0 - 26.0	13.7	-10.3	-12.3	09/20/2006	Yes	< 2.4	UJ	15.5		12.2		< 1.2	U	22.6		Remaining
XOSB-10	114XOSB-10D(10.0-11.0)20060914	J41079	J41079-1	10.0 - 11.0	12.4	2.4	1.4	09/14/2006	Yes	< 3.3	UJ	3.4		< 6.6	U	< 1.7	U	< 8.3	U	Remaining
XOSB-10	114XOSB-10E(12.0-12.9)20060914	J41079	J41079-2	12.0 - 12.9	12.4	0.4	-0.5	09/14/2006	Yes	< 2.6	UJ	111		10.0		< 1.3	U	22.3		Remaining
XOSB-10	114XOSB-10ED(12.0-12.9)20060914	J41079	J41079-3	12.0 - 12.9	12.4	0.4	-0.5	09/14/2006	Yes	< 2.7	UJ	101		11.1		< 1.3	U	37.9		Remaining
XOSB-10	114XOSB-10F(14.0-14.5)20060914	J41079	J41079-4	14.0 - 14.5	12.4	-1.6	-2.1	09/14/2006	Yes	< 2.8	UJ	77.8		16.2		< 1.4	U	30.5		Remaining
XOSB-10	114XOSB-10G(17.0-17.5)20060914	J41079	J41079-5	17.0 - 17.5	12.4	-4.6	-5.1	09/14/2006	Yes	< 3.6	UJ	12.9		< 7.2	U	< 1.8	U	17.8		Remaining
XOSB-12	114XOSB-12C(8.0-8.5)20060913	J40924	J40924-12	8.0 - 8.5	13.7	5.7	5.2	09/13/2006	Yes	< 19	UJ	48300		812	J	< 9.4	U	365	J	Removed
XOSB-12	114XOSB-12D(13.0-13.5)20060913	J40924	J40924-13	13.0 - 13.5	13.7	0.7	0.2	09/13/2006	Yes	< 31	UJ	35700		668	J	< 7.7	U	293	J	Removed
XOSB-12	114XOSB-12E(17.0-17.5)20060913	J40924	J40924-14	17.0 - 17.5	13.7	-3.3	-3.8	09/13/2006	Yes	< 16	UJ	37700		697	J	< 8.0	U	276	J	Removed
XOSB-12	114XOSB-12F(19.5-20.0)20060913	J40924	J40924-15	19.5 - 20.0	13.7	-5.8	-6.3	09/13/2006	Yes	4.9	J	1270		45.5	J	< 1.7	U	49.7	J	Removed
XOSB-13	114XOSB-13C(4.5-5.5)20060913	J40924	J40924-1	4.5 - 5.5	12.5	8.0	7.0	09/13/2006	Yes	< 17	UJ	20500		517	J	< 8.4	U	399	J	Removed
XOSB-13	114XOSB-13D(7.0-8.0)20060913	J40924	J40924-2	7.0 - 8.0	12.5	5.5	4.5	09/13/2006	Yes	< 16	UJ	18600		445	J	< 8.0	U	363	J	Removed
XOSB-13	114XOSB-13DD(7.0-8.0)20060913	J40924	J40924-3	7.0 - 8.0	12.5	5.5	4.5	09/13/2006	Yes	< 16	UJ	15600		426	J	< 8.2	U	420	J	Removed
XOSB-13	114XOSB-13E(10.0-10.5)20060913	J40924	J40924-4	10.0 - 10.5	12.5	2.5	2.0	09/13/2006	Yes	< 16	UJ	21400		559	J	< 7.8	U	253	J	Removed
XOSB-13	114XOSB-13F(13.5-14.0)20060913	J40924	J40924-5	13.5 - 14.0	12.5	-1.0	-1.5	09/13/2006	Yes	< 16	UJ	27000		598	J	< 7.9	U	253	J	Removed
XOSB-13	114XOSB-13G(14.0-14.5)20060913	J40924	J40924-6	14.0 - 14.5	12.5	-1.5	-2.0	09/13/2006	Yes	57.4	J	14800		321	J	< 3.5	U	187	J	Removed
XOSB-13	114XOSB-13H(18.5-19.0)20060913	J40924	J40924-7	18.5 - 19.0	12.5	-6.0	-6.5	09/13/2006	Yes	< 3.9	UJ	402		29.3	J	< 2.0	U	43.3	J	Remaining
XOSB-15	114-XOSB-15C(8-8.5)20060912	J40816	J40816-13	8.0 - 8.5	11.7	3.7	3.2	09/12/2006	Yes	< 20	UJ	34100	J	105		< 10	U	182		Removed
XOSB-15	114-XOSB-15D(11-11.5)20060912	J40816	J40816-14	11.0 - 11.5	11.7	0.7	0.2	09/12/2006	Yes	< 2.4	UJ	569	J	15.5		< 1.2	U	28.7		Removed
XOSB-15	114-XOSB-15E(14-14.5)20060912	J40816	J40816-15	14.0 - 14.5	11.7	-2.3	-2.8	09/12/2006	Yes	< 4.7	UJ	988	J	24.3		< 2.3	U	50.9		Remaining
XOSB-17	114-XOSB-17C(6.2-7.2)20060912	J40816	J40816-1	6.2 - 7.2	11.8	5.6	4.6	09/12/2006	Yes	31.3	J	484	J	16.6		< 1.4	U	17.0		Removed
XOSB-17	114-XOSB-17D(8.2-9.2)20060912	J40816	J40816-2	8.2 - 9.2	11.8	3.6	2.6	09/12/2006	Yes	< 5.8	UJ	11900	J	26.4		< 2.9	U	28.7		Removed
XOSB-17	114-XOSB-17DD(8.2-9.2)20060912	J40816	J40816-3	8.2 - 9.2	11.8	3.6	2.6	09/12/2006	Yes	< 5.7	UJ	7840	J	29.1		< 2.8	U	24.5		Removed
XOSB-17	114-XOSB-17E(10.2-10.7)20060912	J40816	J40816-4	10.2 - 10.7	11.8	1.6	1.1	09/12/2006	Yes	< 20	UJ	27400	J	19.6		< 9.8	U	< 49	U	Removed
XOSB-17	114-XOSB-17F(12.2-12.7)20060912	J40816	J40816-5	12.2 - 12.7	11.8	-0.4	-0.9	09/12/2006	Yes	< 2.6	UJ	4220	J	11.6		< 1.3	U	18.6		Removed
XOSB-17	114-XOSB-17G(14.2-14.7)20060912	J40816	J40816-6	14.2 - 14.7	11.8	-2.4	-2.9	09/12/2006	Yes	< 2.4	UJ	198	J	8.9		< 1.2	U	25.5		Removed
XOSB-17	114-XOSB-17H(16-16.5)20060912	J40816	J40816-7	16.0 - 16.5	11.8	-4.2	-4.7	09/12/2006	Yes	< 2.8	UJ	52.1	J	10.9		< 1.4	U	27.0		Remaining
XOSB-17	114-XOSB-17L(26-27)20060912	J40816	J40816-11	26.0 - 27.0	11.8	-14.2	-15.2	09/12/2006	Yes	< 2.6	UJ	24.3	J	< 5.3	U	< 1.3	U	9.1		Remaining
XOSB-17	114-XOSB-17LD(26-27)20060912	J40816	J40816-12	26.0 - 27.0	11.8	-14.2	-15.2	09/12/2006	Yes	< 2.6	UJ	8.2	JF	< 5.1	U	< 1.3	U	8.0		Remaining

**Table 5-2A
Validated CCPW Metals Sample Results Summary
Carteret Avenue Remedial Action Work Plan
PPG, Jersey City, New Jersey**

Location ID	Sample ID	Lab SDG	Lab ID	Depth Interval (ft bgs)	Location Elevation (ft NAVD88)	Sample Start Elevation (ft NAVD88)	Sample End Elevation (ft NAVD88)	Collection Date	Validated	ANTIMONY 7440-36-0 mg/kg 31		CHROMIUM 7440-47-3 mg/kg 120000		NICKEL 7440-02-0 mg/kg 1600		THALLIUM 7440-28-0 mg/kg NA		VANADIUM 7440-62-2 mg/kg 390		Sample Status ^{1,2}
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
XOSB-19	XOSB-19H(18-18.5)20060911	J40687	J40687-7	18.0 - 18.5	11.9	-6.1	-6.6	09/11/2006	Yes	< 2.8	UJ	233	J	10.3		< 1.4	U	21.5		Remaining
XOSB-19	XOSB-19HD(18-18.5)20060911	J40687	J40687-8	18.0 - 18.5	11.9	-6.1	-6.6	09/11/2006	Yes	< 3.4	UJ	42.1	J	8.1		< 1.7	U	18.9		Remaining
XOSB-21	XOSB-21E(20-21)20060911	J40687	J40687-1	20.0 - 21.0	11.7	-8.3	-9.3	09/11/2006	Yes	< 5.1	UJ	879	J	22.6		< 2.5	U	23.5		Remaining

Notes:

- 1 - The sample status "Remaining" indicates that the sample will remain in place based on the proposed excavation plan.
- 2 - The sample status "Removed" indicates that the sample will be removed during excavation based on the proposed excavation plan.
- B - The result is qualified due to potential laboratory blank contamination.
- BJ - Result was negated and estimated since the sample result was greater than 3 times but less than 10 times the maximum instrument blank concentration.
- J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.
- JF - Indicates the analyte concentration is greater than 3 times but less than or equal to 10 times the concentration of the maximum instrument blank contamination.
- 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.
- bgs - below ground surface
- Blank cell - Indicates analyte was not analyzed
- Bolded value - Indicates exceedance of MSSRS
- CAS RN - Chemical Abstract Service Registry Number
- ft - feet or foot
- mg/kg - milligrams per kilogram
- MSSRS - NJDEP Most Stringent Soil Remediation Standard
- NJDEP - New Jersey Department of Environmental Protection
- NAVD88 - North American Vertical Datum of 1988
- SDG - Sample Delivery Group
- "X" at the end of the Sample ID indicates field duplicate sample.