

Attachment F

Carteret Avenue Non-Chrome Fill Soil Re-Use Plan (Revision 2)

To Wayne Howitz, NJDEP

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Subject Carteret Avenue Non-Chrome Fill Soil Re-Use Plan (Revision 2)

From Cameron Dixon
Sandy Paulsen

Date June 6, 2019

Introduction

As part of the Carteret Remediation, PPG is conducting excavation of soil in Carteret Avenue to create a clean corridor for utility workers in coordination with the City of Jersey City (the City) and the Jersey City Municipal Utilities Authority (JCMUA). To facilitate construction of the clean corridor, PPG has agreed to remove non-chrome fill material. This memorandum documents the presence of the non-chrome fill and provides a plan for the re-use of non-chrome fill as backfill below the clean corridor. PPG is seeking New Jersey Department of Environmental Protection (NJDEP) approval of the proposed soil re-use approach described herein.

Soil to be removed within Carteret Avenue is impacted with Chromate Chemical Production Waste (CCPW) and manufactured gas plant (MGP)-related impacts that have emanated from Site 114 into Carteret Avenue, and/or historic fill as defined by N.J.A.C. 7:26E-1.8 (NJDEP, 2012). In accordance with the 1990 Administrative Consent Order (ACO) and the 2009 Judicial Consent Order (JCO), PPG is responsible for remediating CCPW-related impacts in soil within Carteret Avenue. PPG and Public Service Electric and Gas Company (PSEG) are jointly responsible for remediation of MGP-related impacts within Carteret Avenue that have emanated from Site 114. Remediation of non-CCPW- and non-MGP-impacted historic fill (non-chrome fill) within Carteret Avenue, which is not subject to the terms of the ACO and JCO, must be managed by the City's Licensed Site Remediation Professional (LSRP) under the NJDEP LSRP program.

For non-chrome fill present in Carteret Avenue, the City is considered to be the property owner and the owner of the material, and PPG is considered to be the generator of the material. Contact information for the respective parties is included in **Table 1** below.

Table 1 – Contact Information

Point of Contact	Organization	Phone/Fax/Email	Role
Joe Cunha	Jersey City Division of Engineering, Traffic and Transportation	phone: (201)-547-4411 fax: (201)-547-5900 email: JCunha@jcnj.org	Owner's Representative
Richard Feinberg	PPG	phone: (732)-233-4552 email: feinberg@ppg.com	Generator of Non-Chrome Re-Use Material

Non-Chrome Fill

Non-chrome fill proposed for re-use will be removed from varying starting elevations to the bottom of the excavation from five distinct areas as listed below and depicted on **Figure 1A, Figure 1B, and Figure 2**:

- Area 1: Sewer Station 0+06 to 1+10 on the north side of Carteret Avenue
- Area 2: Sewer Station 0+06 to 1+50 on the south side of Carteret Avenue
- Area 3: Sewer Station 1+50 to 1+70 on the south side of Carteret Avenue
- Area 4: Sewer Station 1+70 to 2+00 on the south side of Carteret Avenue
- Area 5: Sewer Station 8+30 to 9+24 on the north side of Carteret Avenue

No CCPW-related impacts or MGP-related impacts have been identified within these areas based on the data collected to date, as presented in the *Final Remedial Action Work Plan (Soil) – Carteret Avenue (Revision 1), Addendum to the Final Remedial Action Work Plan (Soil) Rev. 4, Garfield Avenue Group Sites, Jersey City, Hudson County, New Jersey (Final Carteret RAWP) (AECOM, 2019a)*.

Figure 2 and **Tables 1A** through **2C** present the non-CCPW-related data associated with non-chrome fill in Carteret Avenue. Boring logs representing non-chrome fill material to be re-used as fill in the Carteret Avenue excavation are attached.

In-place non-chrome fill is currently being utilized as roadway subbase in Carteret Avenue and will continue to serve this function upon placement as fill within the Carteret Avenue excavation. Based on the geologic descriptions documented in the boring logs, the non-chrome fill material in Carteret Avenue varies in terms of material type and properties (e.g., grain size) and is consistent with the definition of historic fill specified in N.J.A.C. 7:26E-1.8 (NJDEP, 2012).

Soil Re-Use Plan

The following procedure is proposed for the re-use of non-chrome fill material in Carteret Avenue.

1) Non-Chrome Fill Removal

Non-chrome fill material will be removed from Non-Chrome Fill Source Areas 1 through 5, as

shown on **Figures 1A, 1B, and 2**, and will be temporarily stockpiled adjacent to the excavation area as described in Item 2 below. Re-use of approximately 2,800 cubic yards (4,200 tons) of non-chrome fill material is proposed. Locations (i.e., Non-Chrome Fill Source Areas) and elevations of the removed non-chrome fill material will be tracked as described in Item 5 below. Note that asphalt and dense-graded aggregate (DGA) material placed on top of the asphalt within Carteret Avenue during remediation of adjacent Garfield Avenue (GA) Group Sites will be removed prior to excavation of non-chrome fill material and be disposed of off site in accordance with applicable disposal facility requirements and federal, state, and local regulations.

The estimated volumes of non-chrome fill to be removed from Carteret Avenue during excavation of the clean corridor are presented in **Table 2** and on **Figures 1A and 1B**.

Table 2: Non-Chrome Fill to be Removed – Carteret Avenue Clean Corridor Excavation

Non-Chrome Fill Area	Sewer Station	Street Side	Estimated Non-Chrome Fill Volume to be Removed
Area 1	0+06 to 1+10	North	900 CY
Area 2	0+06 to 1+50	South	600 CY
Area 3	1+50 to 1+70	South	200 CY
Area 4	1+70 to 2+00	South	200 CY
Area 5	8+30 to 9+24	North	400 CY

Note:

CY – cubic yards

2) Stockpile Management

The excavated non-chrome fill material will be temporarily stockpiled adjacent to the excavation. The proposed stockpile area is provided in the *Technical Addendum to the Final Remedial Action Work Plan (Soil) – Carteret Avenue (Revision 1)*, (Carteret RAWP Technical Addendum) (AECOM, 2019b). The stockpile(s) will be placed on a 20-millimeter (mil) thickness high-density polyethylene (HDPE) liner and bermed with straw wattles or hay bales to control stormwater run-off/run-on. Stockpiles will be covered with 6-mil HDPE liners when inactive.

Management of stockpiles will be conducted in accordance with the Garfield Avenue Group of Sites Soil and Stockpile Management Plan with site policies and procedures as outlined in Field Change Notification (FCN) SWTEP 3 – Relocation of Stockpile Area, and with the Flood Hazard Area (FHA) Permit requirements. Stockpiles will be approximately 1,000 cubic yards (CY) in size. In accordance with Field Change Notification (FCN) SWTEP 3, stockpiles will not exceed height and size restrictions of 14 feet and 8,000 CY, respectively.

3) Characterization Sampling

A total of 13 characterization samples will be collected from the non-chrome fill material in accordance with N.J.A.C. 7:26E and as specified in Table 1 of the *New Jersey Department of Environmental Protection, Site Remediation Program, Fill Material Guidance for SRP Sites* (Historic Fill Guidance for SRP Sites) (NJDEP, 2015) under the reduced sampling scheme. The justification for the reduced sampling frequency is that extensive data has been generated as part

of the Remedial Investigation and Pre-Design Investigation for Carteret Avenue; therefore, the material within in Carteret Avenue has been substantially characterized.

Each representative sample will be collected as a discrete sample and analyzed for CCPW-related compounds (hexavalent chromium, oxidation-reduction potential, pH, and CCPW metals [i.e., antimony, chromium, nickel, thallium, vanadium]) and for MGP-related impacts that have emanated from Site 114 into Carteret Avenue. MGP-related impacts that have emanated from Site 114 into Carteret Avenue include 2-methylnaphthalene, benzene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, and naphthalene as presented in the Technical Memorandum entitled, *Halladay Street North, Carteret Avenue and Garfield Avenue – Emanating From Parameters* (AECOM, 2018).

For material not previously characterized for waste disposal purposes, composite samples will be collected from select stockpiles and analyzed in accordance with waste disposal facility requirements. If the waste characterization results indicate that the stockpiled material is hazardous, the material will not be re-used within the excavation and will be managed as hazardous waste in accordance with applicable disposal facility requirements and federal, state, and local regulations.

In accordance with N.J.A.C. 7:26E-5.2(g), non-chrome fill material will not contain free liquid (which includes free product) prior to placement within the excavation. Non-chrome material to be re-used on site will be visibly free of petroleum product/sheen, MGP impacts (i.e., oil-like material/tar-like material [OM/TM]), and chromium impacts. Non-chrome fill material that exhibits visible MGP impacts (i.e., OM/TM) or visible CCPW impacts, or contains hexavalent chromium or CCPW metals concentrations greater than applicable standards based on characterization sampling results will not be re-used on site and will be managed as hazardous waste and disposed of off site in accordance with applicable disposal facility requirements and federal, state, and local regulations. If visual evidence of contamination is observed within the non-chrome fill areas adjacent to PPG-owned sites, PPG's LSRP on record for that property will be notified. The fill material within the impacted area will not be re-used within the excavation. Additionally, adjacent non-impacted material within the non-chrome fill areas will not be re-used until the LSRP representing the responsible party has delineated the impacts of the impacted area. Concrete, if encountered during excavation within the non-chrome fill areas, will not be re-used within the excavation and will be disposed of in accordance with applicable disposal facility requirements and federal, state, and local regulations.

For non-chrome fill that will not be re-used, either the City (as the property owner and owner of the material), or PPG (currently identified as the generator of the material) will arrange for off-site transportation and disposal under a cost-sharing agreement currently being negotiated. If it is determined that the City will be responsible for off-site transportation and disposal of the non-chrome fill material, the City will serve as the generator and will be required to obtain a United States Environmental Protection Agency Identification Number (EPA ID No.) separate from PPG's EPA ID No.

4) Soil Re-Use

Once the target excavation limits have been reached, required post-excavation samples have been collected, and the excavation area has been approved for backfill placement, non-chrome fill material will be placed in areas within the Carteret Avenue excavation, from the bottom of the

excavation up to a maximum elevation (El.) of 3.5 feet in the North American Vertical Datum of 1988 (NAVD88) and at least 4 feet away from the 96-inch sewer. A detail for placement of non-chrome fill material within the Carteret Avenue excavation is provided in Drawing D-02 of the Remediation Design Drawings provided as part of the Final Carteret RAWP. The non-chrome fill material will be compacted to a minimum 90% of maximum density following placement as determined using the Standard Proctor test in accordance with the City of Jersey City standards.

Re-use of non-chrome fill within the Carteret excavation constitutes a variance from technical requirements of N.J.A.C. 7:26E-5.2(b)1 (referred to as the “like-on-like requirement”) and N.J.A.C. 7:26E-5.2(b)2 (referred to as the “75th percentile requirement”) (NJDEP, 2012). This variance is acceptable based on the following rationale:

- 1) The Non-Chrome Fill Source Areas and receiving areas are within the same Area of Concern (AOC).
- 2) Based on the extensive dataset generated to date, contaminants in non-chrome fill are similar in nature and in concentrations as fill material in the non-chrome fill receiving areas.
- 3) The non-chrome fill material to be re-used within the Carteret excavation is consistent with the definition of historic fill specified in N.J.A.C. 7:26E-1.8 (NJDEP, 2012).

5) Tracking and Reporting

Surveys of the Non-Chrome Fill Source Areas and the Non-Chrome Fill Re-Use Areas (i.e., areas receiving non-chrome fill re-use material) will be conducted by a surveyor, licensed in the State of New Jersey, to track non-chrome fill material origin and placement within the excavation area; the surveys will include horizontal and vertical limits of these areas. The final survey results and characterization sampling results will be included as part of the future Remedial Action Report (RAR) submittal.

6) Institutional and Engineering Controls

CCPW-related impacts to remain in Carteret Avenue following excavation will be documented in a notice in lieu of deed notice to be included as part of a future RAR submittal, to be prepared by PPG. Impacts that have emanated from Site 114 into Carteret Avenue (i.e., MGP-related impacts) to remain in Carteret Avenue following excavation will be documented in a notice in lieu of deed notice to be included as part of a separate future RAR submittal, to be prepared by PSEG. A clean fill cap (DGA) with a thickness of 2 ft will be installed at either the base of the excavation (in areas where non-chrome fill is not being used), or on top of the re-graded non-chrome fill (Non-Chrome Re-Use Areas), as an engineering control following excavation. Historic fill remaining within Carteret Avenue following excavation is the responsibility of the property owner under the LSRP program; therefore, the notice in lieu of deed notice for CCPW-related impacts to be prepared by PPG/AECOM will not include historic fill.

References

AECOM, 2018. Technical Memorandum: *Halladay Street North, Carteret Avenue, Garfield Avenue – Emanating From Parameters*. September 18, 2018.

AECOM, 2019a. *Final Remedial Action Work Plan (Soil) – Carteret Avenue (Revision 1), Addendum to the Final Remedial Action Work Plan (Soil) Rev. 4, Garfield Avenue Group Sites, Jersey City, Hudson County, New Jersey*. June 2019.

AECOM, 2019b. *Technical Addendum to the Final Remedial Action Work Plan (Soil) – Carteret Avenue (Revision 1), NJDEP Program Interest Number: G000005480, PPG Garfield Avenue Group, Hudson County Chromate Sites, Jersey City, New Jersey*. June 2019.

NJDEP, 2012. *Technical Requirements for Site Remediation, N.J.A.C. 7:26E*. May 7, 2012.

NJDEP, 2015. *New Jersey Department of Environmental Protection, Site Remediation Program, Fill Material Guidance for SRP Sites, Version 3.0*. April 2015.

Attachments

Tables
Figures
Boring Logs

Tables

Table 1A
Validated Non-CCPW Metals Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	ALUMINUM 7429-90-5 mg/kg 78000		ARSENIC 7440-39-2 mg/kg 19		BARIUM 7440-39-3 mg/kg 16000		BERYLLIUM 7440-41-7 mg/kg 16		CADMIUM 7440-43-9 mg/kg 78		CALCIUM METAL 7440-70-2 mg/kg	
										Result	Qualifier	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	5420	J	5.0	J	31.5		< 0.58	U	0.83		1340	J
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	10500	J	2.8	J	70.6		0.86		< 0.65	U	1360	J
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	9870	J	4.3	J	68.5		0.70		< 0.64	U	1180	J
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	9310	J	5.0	J	62.3		0.70		< 0.62	U	1120	J
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	7760	J	4.2	J	59.4		0.79		< 0.60	U	1790	J
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	3620	J	7.5	J	23.0		1.4		< 0.58	U	1740	J
133-EE23A-PB	133-EE23A-PB-3.5-4.0	JC15148	JC15148-1A	3.5 - 4.0	9.5	6	5.5	03/01/2016	Yes												
133RI-EE23A-SW-N1	133RI-EE23A-SW-N-1.0-1.5	JC15330	JC15330-1A	1.0 - 1.5	9.5	8.5	8	03/03/2016	Yes												
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	8840	J	27.9	J	116		< 0.58	U	< 0.58	U	14400	J
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	4440	J	32.2	J	430		< 0.63	U	2.7		6580	J
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	4380	J	16.5	J	540		< 0.67	U	< 0.67	U	2700	J
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	11000	J	6.8	J	82.4		0.35	J	< 0.16	U	2300	J
135-B19	PPG-135-B19E 9.4-9.9 796868	B400	796868	9.4 - 9.9	9.9	0.5	0	01/02/2007	Yes	12900	J	10.2	J	79.3		1		0.38		3480	J
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	10200	J	5.1	J	42.5		0.72		< 0.17	U	2400	J
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	18600	J	8.6	J	38.4		0.94		< 0.19	U	2100	J
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	11300	J	3.7	J	26.2		0.54	J	< 0.19	U	2240	J
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	7720	J	1.5	J	62.5		0.46		< 0.13	U	902	J
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	4910	J	5.7	J	107	J	0.19	J	2.5		991	J
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	7040	J	6.2	J	47.7	J	0.27	J	0.21		1880	J
143-B5	PPG-143-B5C 2.9-3.4 798413	B693	798413	2.9 - 3.4	12.9	10	9.5	01/09/2007	Yes	3530	J	7.3	J	266	J	0.14	J	0.3		5860	J
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	6800	J	4.8	J	50.8	J	0.54		< 0.12	U	1360	J
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	9000	J	2.3	J	54.6		0.5		< 0.093	U	1310	J
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	5900	J	11.6	J	100		0.39		0.35	B	4170	J
143-B5	PPG-143-B5G 9.5-9.9 799364	B818	799364	9.5 - 9.9	12.9	3.4	3	01/11/2007	Yes	9240	J	32.4	J	81.7		0.42		13.6		2870	J
143-B5	PPG-143-B5H 9.9-10.6 799365	B818	799365	9.9 - 10.6	12.9	3	2.3	01/11/2007	Yes	3270	J	9.7	J	203		0.19		2.4		1340	J
143-B5	PPG-143-B5HDUP 9.9-10.6 799366	B818	799366	9.9 - 10.6	12.9	3	2.3	01/11/2007	Yes	3240	J	9.7	J	269		0.2		2.2		2620	J
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	4820	J	20.7	J	216		0.42		0.13	B	6660	J
143-B5	PPG-143-B5J 13.1-13.9 799368	B818	799368	13.1 - 13.9	12.9	-0.2	-1	01/11/2007	Yes	16300	J	6.3	J	170		1.1	BJ	< 0.14	U	2540	J
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	9280	J	2.4	J	57.9		0.33		< 0.096	U	344	J
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	5680	J	4.9	J	79.0		0.25		1.8	J	8870	J
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	7170	J	13.7	J	63.0		0.35		1.3	J	2900	J
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	14600	J	17.3	J	316	J	1.0		2.2		43100	J
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	8710	J	10.2	J	154	J	0.51		0.79		28900	J
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	4570	J	3.6	J	46.7	J	0.50		0.18	JB	5650	J
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	6680	J	16.9	J	402	J	0.62		0.71		12800	J
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	8950	J	4.6	J	68.9	J	0.87		< 0.058	UB	2020	J
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	9630	J	6.6	J	82.2	J	0.86		0.26	JB	2620	J
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	8500	J	5.2	J	90.1	J	0.65		0.31	JB	2050	J
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	10200	J	17.3	J	79.6	J	0.89		0.29	JB	9490	J
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	8460	J	4.0	J	32.7	J	0.66		0.15	JB	1630	J
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	8120	J	4.1	J	34.3	J	0.57		0.25	JB	1230	J
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	14200	J	5.4	J	54.8	J	0.84	J	0.39	JB	2890	J
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	7750	J	22.5	J	493	J	0.52		4.6		19800	J
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	11400	J	9.0	J	133	J	0.65		1.0		4830	J
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	8280	J	45.6	J	397	J	0.63		6.4		10300	J
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	11400	J	28.2	J	1310	J	0.79	J	3.9	J	17200	J
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	11600	J	21.4	J	225	J	1.0		0.83		4720	J
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	21000	J	12.0	J	89.9	J	1.5	J	0.65	J	2550	J
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	7640	J	7.9	J	39.9	J	0.92		0.19	JB	2280	J
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	14800	J	5.4	J	75.5	J	0.81	J	0.25	JB	2480	J
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	14800	J	2.9	J	33.1	J	0.49		0.079	J	296	J

Table 1A
Validated Non-CCPW Metals Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	ANALYTE CAS RN Units MSSRS		COBALT 7440-48-4 mg/kg 590		COPPER 7440-50-8 mg/kg 3100		IRON 7439-89-6 mg/kg		LEAD 7439-92-1 mg/kg 400		MAGNESIUM 7439-95-4 mg/kg		MANGANESE 7439-96-5 mg/kg 5900	
										Result	Qualifier	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	< 5.8	U	18.2		22400	J	185		1510	J	466	J		
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	< 6.5	U	7.8		9940	J	6.6		1880	J	130			
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	< 6.4	U	7.4		12900	J	8.6		1850	J	206	J		
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	< 6.2	U	7.8		12300	J	9.5		1750	J	185	J		
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	8.0		18.7		14300	J	27.3		5120	J	781	J		
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	6.8		9.9		14400	J	10.9		2610	J	155	J		
133-EE23A-PB	133-EE23A-PB-3.5-4.0	JC15148	JC15148-1A	3.5 - 4.0	9.5	6	5.5	03/01/2016	Yes														
133RI-EE23A-SW-N1	133RI-EE23A-SW-N-1.0-1.5	JC15330	JC15330-1A	1.0 - 1.5	9.5	8.5	8	03/03/2016	Yes														
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	13		136	J	74600	J	118		7240		751	J		
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	7.1		591	J	48600	J	794		1550		1170	J		
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	10.5		155	J	16200	J	1710		< 670	U	137	J		
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	5.1		20		26700	J	177	J	3550		189	J		
135-B19	PPG-135-B19E 9.4-9.9 796868	B400	796868	9.4 - 9.9	9.9	0.5	0	01/02/2007	Yes	9.1		88.9		21800	J	149	J	5010		472	J		
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	5.9		19.3		16200	J	26.1	J	4920		222	J		
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	11.5		15.1		37100	J	17.6	J	7630		571	J		
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	7.3		10.6		19700	J	10.4	J	5120		260	J		
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	7.6		15.7		13100	J	9.1	J	2940		111	J		
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	4.9	J	88.9	J	20100	J	332		648	J	236	J		
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	10.9	J	61.6	J	55800	J	100		656	J	876	J		
143-B5	PPG-143-B5C 2.9-3.4 798413	B693	798413	2.9 - 3.4	12.9	10	9.5	01/09/2007	Yes	11.9	J	40.9	J	13300	J	247		32500	J	560	J		
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	5.1	J	13.5	J	13000	J	69.7		2400	J	306	J		
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	5.6		9.3	BJ	11900	J	36.2	J	2460	J	141	J		
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	6.4		49.2	J	31000	J	420	J	1750	J	326	J		
143-B5	PPG-143-B5G 9.5-9.9 799364	B818	799364	9.5 - 9.9	12.9	3.4	3	01/11/2007	Yes	10.3		50.9	J	40600	J	367	J	1700	J	221	J		
143-B5	PPG-143-B5H 9.9-10.6 799365	B818	799365	9.9 - 10.6	12.9	3	2.3	01/11/2007	Yes	3.5		1340	J	14100	J	792	J	982	J	118	J		
143-B5	PPG-143-B5HDUP 9.9-10.6 799366	B818	799366	9.9 - 10.6	12.9	3	2.3	01/11/2007	Yes	6.1		2300	J	22200	J	2020	J	1460	J	204	J		
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	5.2		44.6	J	9070	J	417	J	799	J	124	J		
143-B5	PPG-143-B5J 13.1-13.9 799368	B818	799368	13.1 - 13.9	12.9	-0.2	-1	01/11/2007	Yes	8.5		264	J	26400	J	125	J	3870	J	259	J		
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	3.9		5.4	BJ	10500	J	5.9	BJ	2100	J	54	J		
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	5.9		41.7	J	20900	J	133	J	1180		261	J		
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	9.6		57.9	J	53400	J	101	J	1190		456	J		
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	37.9		133		40100	J	459		8550		630	J		
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	21.2		74.5		18800	J	298		3800		416	J		
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	4.2	J	9.0		8860	J	56.8		1860		265	J		
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	8.8		129		16200	J	1260		987		1850	J		
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	5.1	J	14.6		16800	J	66.5		2860		1210	J		
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	6.8		18.4		17100	J	94.2		3000		716	J		
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	4.4	J	18.5		14600	J	92.0		3440		375	J		
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	14.0		18.3		13700	J	104		2950		504	J		
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	4.7	J	9.5		12000	J	14.4		2180		455	J		
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	5.5		12.3		16100	J	26.9		2460		265	J		
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	8.9	J	21.8	J	31000	J	51.9	J	4840	J	461	J		
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	16.4		480		39400	J	1120		4430		1040	J		
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	6.6		68.5		17300	J	273		2700		360	J		
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	7.6		5500		17900	J	3110		2460		198	J		
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	9.0	J	257	J	35300	J	16900	J	2400	J	374	J		
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	8.3		786		23700	J	750		2250		230	J		
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	14.9	J	25.7	J	42400	J	80.1	J	5750	J	535	J		
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	6.5		19.8		15200	J	19.4		5280		215	J		
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	6.1	J	15.2	J	17300	J	36.5	J	4490	J	243	J		
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	4.9	J	5.6		11500	J	7.3		546	J	88.6	J		
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	4.6	J	5.5		25000	J	8.0		568		146	J		
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	6.1		33.4		13200	J	41.1		4640		203	J		
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	5.8		30.5		13200	J	37.8		4670		231	J		
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	5.1	J	26.8		13900	J	32.8		7540		209	J		
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	38.1		144											

Table 1A
Validated Non-CCPW Metals Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	MERCURY 7439-97-6 mg/kg 23		POTASSIUM 7440-09-7 mg/kg		SELENIUM 7782-49-2 mg/kg 390		SILVER 7440-22-4 mg/kg 390		SODIUM 7440-23-5 mg/kg		ZINC 7440-66-6 mg/kg 23000	
										Result	Qualifier	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	0.20		< 580	UJ	< 2.3	UJ	< 1.2	U	< 1200	UJ	532	J
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	< 0.040	U	< 650	U	< 2.6	UJ	< 1.3	U	< 1300	UJ	27.1	
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	0.055		< 640	UJ	< 2.5	UJ	< 1.3	U	< 1300	UJ	29.9	J
114-MW22B	PPG-114-MW22BCD(17.5-18.0)J46994-4	J46994	J46994-4	13.0 - 14.0	12.6	-0.4	-1.4	11/20/2006	Yes	< 0.041	U	< 620	UJ	< 2.5	UJ	< 1.2	U	< 1200	UJ	26.5	J
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	< 0.038	U	1590	J	< 2.4	UJ	< 1.2	U	< 1200	UJ	58.4	J
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	< 0.038	U	771	J	< 2.3	UJ	< 1.2	U	< 1200	UJ	50.3	J
133-EE23A-PB	133-EE23A-PB-3.5-4.0	JC15148	JC15148-1A	3.5 - 4.0	9.5	6	5.5	03/01/2016	Yes	8.4											
133RI-EE23A-SW-N1	133RI-EE23A-SW-N-1.0-1.5	JC15330	JC15330-1A	1.0 - 1.5	9.5	8.5	8	03/03/2016	Yes	3.2											
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	1.9		< 580	U	< 2.3	U	< 1.2	U	< 1200	U	215	J
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	1.8		< 630	U	< 2.5	U	< 1.3	U	< 1300	U	1450	J
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	0.94		< 670	U	< 2.7	U	< 1.3	U	< 1300	U	360	J
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	0.05		3280		< 1.5	U	< 0.38	U	2460		82.9	
135-B19	PPG-135-B19E 9.4-9.9 796868	B400	796868	9.4 - 9.9	9.9	0.5	0	01/02/2007	Yes	0.64		2430		< 1.5	U	< 0.38	U	1620		666	
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	0.03		2650		< 1.6	U	< 0.41	U	4500		84.4	
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	< 0.032	U	3960		< 1.8	U	< 0.46	U	5890		85.7	
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	< 0.032	U	2950		< 1.8	U	< 0.46	U	7210		52.8	
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	< 0.021	U	1490		< 1.2	U	< 0.3	U	1670		49.9	
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	0.28	J	408		1.1		< 0.28	U	179		210	
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	0.23	BJ	630	J	< 1.7	U	< 0.43	U	213		84.8	
143-B5	PPG-143-B5C 2.9-3.4 798413	B693	798413	2.9 - 3.4	12.9	10	9.5	01/09/2007	Yes	0.38	J	450	J	< 1.3	U	< 0.32	U	197		184	
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	0.38	J	1030	J	< 1.1	U	< 0.28	U	221		138	
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	0.21		477	J	< 0.97	U	< 0.32	U	310		53.2	J
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	0.42		509	J	1.3		< 0.37	U	354		490	J
143-B5	PPG-143-B5G 9.5-9.9 799364	B818	799364	9.5 - 9.9	12.9	3.4	3	01/11/2007	Yes	2.2		541	J	< 1	U	< 0.34	U	288		3260	J
143-B5	PPG-143-B5H 9.9-10.6 799365	B818	799365	9.9 - 10.6	12.9	3	2.3	01/11/2007	Yes	12.1		472	J	1		1.2		155		1100	J
143-B5	PPG-143-B5HDUP 9.9-10.6 799366	B818	799366	9.9 - 10.6	12.9	3	2.3	01/11/2007	Yes	8.2		405	J	1.2		0.71		196		1060	J
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	2.7		607	J	3.3		< 0.44	U	329		169	J
143-B5	PPG-143-B5J 13.1-13.9 799368	B818	799368	13.1 - 13.9	12.9	-0.2	-1	01/11/2007	Yes	0.26		1190	J	< 1.4	U	< 0.48	U	426		182	J
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	< 0.02	U	763	BJ	< 1	U	< 0.33	U	327		29.6	J
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	0.13		390	J	1.0		< 0.96	UJ	177	J	192	J
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	0.39		431	J	1.0		< 0.93	UJ	130	J	231	J
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	0.025	J	1080	J	< 0.55	U	1.9		1290		500	
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	0.79		855	J	< 0.54	U	1.1		801	J	423	
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	0.024	J	811	J	< 0.50	U	< 0.11	J	289	J	54.7	
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	2.2		1420	J	2.7		0.37	J	1430		504	
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	0.19		1280	J	< 0.54	U	< 0.11	U	433	J	771	
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	0.073		1550	J	< 0.47	U	< 0.10	U	788	J	306	
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	0.13		1560	J	< 0.48	U	< 0.10	U	1360		291	
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	0.033	J	1250	J	< 0.57	U	< 0.12	U	722	J	710	
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	0.019	J	1100	J	< 0.56	U	< 0.12	U	582	J	99.9	
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	0.029	J	1220	J	< 0.55	U	< 0.12	U	1480		188	
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	0.10	J	2790	J	< 0.46	UJ	< 0.099	UJ	5080	J	227	J
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	2.1		1070	J	1.7		0.896	J	896	J	1750	
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	0.48		1200	J	0.69	J	< 0.12	U	564	J	935	
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	1.4		1570	J	3.6		1.1		1620		2330	
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	4.6	J	3560	J	4.3	J	4.4	J	6660	J	2780	J
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	4.6		2220	J	9.1		0.26	J	2400		507	
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	0.80	J	4420	J	< 0.93	UJ	0.68	J	2590	J	428	J
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	< 0.0056	U	2280	J	< 0.51	U	< 0.11	U	1360		84.0	
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	0.17	J	3140	J	< 0.46	UJ	< 0.099	UJ	4830	J	91.6	J
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	0.019	J	409	J	< 0.37	U	0.31	J	234	J	18.1	
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	0.031	J	489	J	< 0.37	U	0.53	J	235	J	20.3	
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	0.20		779	J	0.44	J	0.61	J	676	J	59.0	
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	0.16		1200		< 0.33	U	0.57		1610		54.1	
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	0.090		1450		< 0.35	U	0.72		1920		46.1	
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	1.6	J	1010		< 2.4	U	<					

Table 1A
Validated Non-CCPW Metals Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey

Notes:

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.

JB - Analyte concentration is greater than 3 times, but less than 10 times the concentration in the associated method blank. Presence of that analyte in the sample is considered "real". The concentration is quantitatively qualified (JB) due to method blank contamination.

U - Indicates that the analyte was not detected at the reported Method Detection 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 Abstracts Service Registry Number

CCPW - Chromate Chemical Production Waste

ft - feet or foot

mg/kg - milligrams per kilogram

MSSRS - NJDEP Most Stringent Soil Remediation Standard

NAVD88 - North American Vertical Datum of 1988

NJDEP - New Jersey Department of Environmental Protection

SDG - Sample Delivery Group

Table 1B
Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1,2-TRICHLOROTRIFLUOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHYLENE	1,2,3-TRICHLOROBENZENE						
										CAS RN	71-55-6 mg/kg	79-34-5 mg/kg	79-00-5 mg/kg	76-13-1 mg/kg	75-34-3 mg/kg	75-35-4 mg/kg	87-61-6 mg/kg						
										Units	160000	1	2	8	11								
										MSSRS													
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier						
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	< 0.027	U	< 0.0093	U	< 0.01	U	< 0.031	U	< 0.011	U	< 0.015	U	< 0.089	U
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	< 0.00019	U	< 0.00078	U	< 0.00061	U	< 0.00049	U	< 0.00026	U	< 0.00038	U	< 0.00067	U
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	< 0.00019	U	< 0.00027	U	< 0.00036	U	< 0.00054	U	< 0.00021	U	< 0.00017	U	< 0.00025	U
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	< 0.00026	U	< 0.00037	U	< 0.00050	U	< 0.00075	U	< 0.00029	U	< 0.00024	U	< 0.00035	U
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	< 0.00019	U	< 0.00027	U	< 0.00037	U	< 0.00055	U	< 0.00021	U	< 0.00018	U	< 0.00026	U
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	< 0.00020	U	< 0.00029	U	< 0.00039	U	< 0.00059	U	< 0.00023	U	< 0.00019	U	< 0.00028	U
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	< 0.00015	U	< 0.00022	U	< 0.00029	U	< 0.00044	U	< 0.00017	U	< 0.00014	U	< 0.00020	U
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	< 0.00029	U	< 0.00041	U	< 0.00055	U	< 0.00083	U	< 0.00032	U	< 0.00026	U	< 0.00039	U
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	< 0.00040	U	< 0.00058	U	< 0.00078	U	< 0.0012	U	< 0.00045	U	< 0.00037	U	< 0.00055	U
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	< 0.00015	U	< 0.00021	U	< 0.00028	U	< 0.00043	U	< 0.00016	U	< 0.00013	U	< 0.00020	U
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	< 0.00017	U	< 0.00024	U	< 0.00033	U	< 0.00049	U	< 0.00019	U	< 0.00016	U	< 0.00023	U
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	< 0.00019	U	< 0.00027	U	< 0.00037	U	< 0.00055	U	< 0.00021	U	< 0.00017	U	< 0.00026	U
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	< 0.00044	UJ	< 0.00063	UJ	< 0.00085	UJ	< 0.0013	UJ	< 0.00049	UJ	< 0.00040	UJ	< 0.00059	UJ
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	< 0.00021	U	< 0.00030	U	< 0.00041	U	< 0.00061	U	< 0.00023	U	< 0.00019	U	< 0.00028	U
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	< 0.00017	U	< 0.00024	U	< 0.00033	U	< 0.00049	U	< 0.00019	U	< 0.00016	U	< 0.00023	U
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	< 0.00033	U	< 0.00048	U	< 0.00064	U	< 0.00097	U	< 0.00037	U	< 0.00031	U	< 0.00045	U
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	< 0.053	UJ	< 0.076	UJ	< 0.1	UJ	< 0.15	UJ	< 0.06	UJ	< 0.049	UJ	< 0.072	UJ
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	< 0.023	U	< 0.033	U	< 0.045	U	< 0.067	U	< 0.026	U	< 0.021	U	< 0.031	U
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	< 0.03	UJ	< 0.043	UJ	< 0.058	UJ	< 0.087	UJ	< 0.034	UJ	< 0.027	UJ	< 0.041	UJ
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	< 0.00016	U	< 0.00023	U	< 0.00031	U	< 0.00046	U	< 0.00018	U	< 0.00015	U	< 0.00022	U
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	< 0.00045	UJ	< 0.00064	UJ	< 0.00087	UJ	< 0.0013	UJ	< 0.00050	UJ	< 0.00041	UJ	< 0.00061	UJ
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	< 0.00012	U	< 0.00019	U	< 0.00020	U	< 0.00048	U	< 0.00016	U	< 0.00025	U	< 0.00018	U
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	< 0.00014	U	< 0.00021	U	< 0.00022	U	< 0.00053	U	< 0.00018	U	< 0.00027	U	< 0.00020	U
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	< 0.00015	U	< 0.00024	U	< 0.00024	U	< 0.00059	U	< 0.00020	U	< 0.00030	U	< 0.00022	U
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	< 0.00014	U	< 0.00021	U	< 0.00021	U	< 0.00053	U	< 0.00018	U	< 0.00027	U	< 0.00020	U
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	< 0.00015	U	< 0.00023	U	< 0.00023	U	< 0.00057	U	< 0.00020	U	< 0.00029	U	< 0.00022	U

Notes on last page

Table 1B
Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	1,2,4-TRICHLOROBENZENE	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	1,2-DIBROMOETHANE(EDB)	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE	1,4-DICHLOROBENZENE						
										CAS RN	120-82-1	96-12-8	106-93-4	95-50-1	107-06-2	78-87-5	106-46-7						
										Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg						
										MSSRS	73	0.08	0.008	5300	0.9	2	5						
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier						
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	< 0.047	U	< 0.017	U	< 0.0098	U	< 0.018	U	< 0.026	U	< 0.0094	U	< 0.016	U
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	< 0.00055	U	< 0.00063	U	< 0.00053	U	< 0.00066	U	< 0.00040	U	< 0.00033	U	< 0.00073	U
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	< 0.00020	U	< 0.00054	U	< 0.00027	U	< 0.00019	U	< 0.00019	U	< 0.00034	U	< 0.00017	U
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	< 0.00028	U	< 0.00075	U	< 0.00038	U	< 0.00027	U	< 0.00027	U	< 0.00048	U	< 0.00024	U
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	< 0.00021	U	< 0.00055	U	< 0.00028	U	< 0.00020	U	< 0.00020	U	< 0.00035	U	< 0.00018	U
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	< 0.00022	U	< 0.00059	U	< 0.00030	U	< 0.00021	U	< 0.00021	U	< 0.00038	U	< 0.00019	U
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	< 0.00016	U	< 0.00044	U	< 0.00022	U	< 0.00015	U	< 0.00015	U	< 0.00028	U	< 0.00014	U
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	< 0.00031	U	< 0.00083	U	< 0.00041	U	< 0.00029	U	< 0.00029	U	< 0.00053	U	< 0.00026	U
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	< 0.00044	U	< 0.0012	U	< 0.00059	U	< 0.00041	U	< 0.00041	U	< 0.00075	U	< 0.00037	U
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	< 0.00016	U	< 0.00043	U	< 0.00021	U	< 0.00015	U	< 0.00015	U	< 0.00027	U	< 0.00013	U
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	< 0.00019	U	< 0.00049	U	< 0.00025	U	< 0.00017	U	< 0.00017	U	< 0.00031	U	< 0.00016	U
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	< 0.00021	U	< 0.00055	U	< 0.00028	U	< 0.00020	U	< 0.00020	U	< 0.00035	U	< 0.00017	U
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	< 0.00048	UJ	< 0.0013	UJ	< 0.00064	UJ	< 0.00045	UJ	< 0.00045	UJ	< 0.00081	UJ	< 0.00040	UJ
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	< 0.00023	U	< 0.00061	U	< 0.00030	U	< 0.00021	U	< 0.00021	U	< 0.00039	U	< 0.00019	U
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	< 0.00019	U	< 0.00049	U	< 0.00025	U	< 0.00017	U	< 0.00017	U	< 0.00032	U	< 0.00016	U
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	< 0.00036	U	< 0.00097	U	< 0.00048	U	< 0.00034	U	< 0.00034	U	< 0.00062	U	< 0.00031	U
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	< 0.058	UJ	< 0.15	UJ	< 0.077	UJ	< 0.055	UJ	< 0.055	UJ	< 0.099	UJ	< 0.049	UJ
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	< 0.025	U	< 0.067	U	< 0.034	U	< 0.024	U	< 0.024	U	< 0.043	U	< 0.021	U
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	< 0.033	UJ	< 0.087	UJ	< 0.043	UJ	< 0.031	UJ	< 0.031	UJ	< 0.055	UJ	< 0.027	UJ
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	< 0.00017	U	< 0.00046	U	< 0.00023	U	< 0.00016	U	< 0.00016	U	< 0.00029	U	< 0.00015	U
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	< 0.00049	UJ	< 0.0013	UJ	< 0.00065	UJ	< 0.00046	UJ	< 0.00046	UJ	< 0.00083	UJ	< 0.00041	UJ
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	< 0.00016	U	< 0.00035	U	< 0.00016	U	< 0.00017	U	< 0.00023	U	< 0.00015	U	< 0.00015	U
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	< 0.00018	U	< 0.00038	U	< 0.00018	U	< 0.00018	U	< 0.00025	U	< 0.00017	U	< 0.00016	U
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	< 0.00020	U	< 0.00043	U	< 0.00020	U	< 0.00021	U	< 0.00028	U	< 0.00019	U	< 0.00018	U
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	< 0.00017	U	< 0.00038	U	< 0.00018	U	< 0.00018	U	< 0.00025	U	< 0.00017	U	< 0.00016	U
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	< 0.00019	U	< 0.00041	U	< 0.00019	U	< 0.00020	U	< 0.00027	U	< 0.00018	U	< 0.00017	U

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Table 1B
Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	1,4-DIOXANE	2-BUTANONE (MEK)	4-METHYL-2-PENTANONE (MIBK)	ACETONE	BENZENE	BROMODICHLORO METHANE	BROMOMETHANE						
										CAS RN	123-91-1	78-93-3	108-10-1	67-64-1	71-43-2	75-27-4	74-83-9	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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	< 0.91	U	< 0.088	U	< 0.073	U	< 0.27	U	0.049	J	< 0.0096	U	< 0.034	U
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	< 0.0043	U	0.0079	J	< 0.00074	U	0.052		< 0.00076	U	< 0.00031	U	< 0.00042	U
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			< 0.0020	U	< 0.00094	U	< 0.0021	U	< 0.00013	U	< 0.00017	U	< 0.00054	U
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			< 0.0027	U	< 0.0013	U	< 0.0029	U	< 0.00019	U	< 0.00024	U	< 0.00075	U
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			< 0.0020	U	< 0.00097	U	< 0.0021	U	< 0.00014	U	< 0.00017	U	< 0.00055	U
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			< 0.0022	U	< 0.0010	U	0.0261		< 0.00015	U	< 0.00019	U	< 0.00059	U
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			< 0.0016	U	< 0.00077	U	0.0056	J	< 0.00011	U	< 0.00014	U	< 0.00044	U
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			< 0.0030	U	< 0.0015	U	0.0662	J	< 0.00021	U	< 0.00026	U	< 0.00083	U
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			0.0260		< 0.0021	U	0.188	J	< 0.00029	U	< 0.00037	U	< 0.0012	U
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			< 0.0015	U	< 0.00075	U	0.0221		< 0.00011	U	< 0.00013	U	< 0.00043	U
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			< 0.0018	U	< 0.00086	U	0.0291		< 0.00012	U	< 0.00015	U	< 0.00049	U
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			< 0.0020	U	< 0.00097	U	0.0146		< 0.00014	U	< 0.00017	U	< 0.00055	U
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			< 0.0046	UJ	< 0.0022	UJ	0.0657	J	< 0.00032	UJ	< 0.00040	UJ	< 0.0013	UJ
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			< 0.0022	U	< 0.0011	U	0.0085	J	< 0.00015	U	< 0.00019	U	< 0.00061	U
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			< 0.0018	U	< 0.00087	U	0.0185	J	< 0.00012	U	< 0.00016	U	< 0.00050	U
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			< 0.0035	U	< 0.0017	U	0.0390		< 0.00024	U	< 0.00030	U	< 0.00097	U
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			< 0.56	UJ	< 0.27	UJ	< 0.6	UJ	0.0680	J	< 0.049	UJ	< 0.16	UJ
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			< 0.24	U	< 0.12	U	< 0.26	U	0.713		< 0.021	U	< 0.067	U
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			< 0.32	UJ	< 0.15	UJ	< 0.34	UJ	0.141	J	< 0.027	UJ	< 0.087	UJ
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			< 0.0017	U	< 0.00081	U	0.0123		< 0.00011	U	< 0.00014	U	< 0.00046	U
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			< 0.0047	UJ	< 0.0023	UJ	0.0388	J	0.0034	J	< 0.00041	UJ	< 0.0013	UJ
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			< 0.0017	U	< 0.00048	U	< 0.0022	U	< 0.00016	U	< 0.00018	U	< 0.00026	U
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			< 0.0018	U	< 0.00052	U	< 0.0024	U	< 0.00017	U	< 0.00020	U	< 0.00028	U
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			< 0.0020	U	< 0.00058	U	< 0.0027	UJ	< 0.00019	U	< 0.00022	U	< 0.00032	U
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			< 0.0018	U	< 0.00052	U	< 0.0024	UJ	0.00051		< 0.00020	U	< 0.00028	U
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			< 0.0020	U	< 0.00057	U	< 0.0026	UJ	0.00095		< 0.00022	U	< 0.00031	U

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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	Analyte	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROBROMO METHANE	CHLORODIBROMO METHANE	CHLOROETHANE	CHLOROFORM						
										CAS RN	75-15-0	56-23-5	108-90-7	74-97-5	124-48-1	75-00-3	67-66-3	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier						
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	< 0.016	U	< 0.019	U	< 0.018	U	< 0.019	U	< 0.011	U	< 0.048	U	< 0.017	U
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	< 0.00048	U	< 0.00010	U	< 0.00050	U	< 0.00028	U	< 0.00058	U	< 0.00041	U	< 0.00024	U
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	< 0.00019	U	< 0.00018	U	< 0.00018	U	< 0.00035	U	< 0.00017	U	< 0.00048	U	< 0.00026	U
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	< 0.00026	U	< 0.00026	U	< 0.00025	U	< 0.00049	U	< 0.00023	U	< 0.00067	U	< 0.00037	U
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	< 0.00019	U	< 0.00019	U	< 0.00019	U	< 0.00036	U	< 0.00017	U	< 0.00049	U	< 0.00027	U
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	0.00072	J	< 0.00020	U	< 0.00020	U	< 0.00039	U	< 0.00018	U	< 0.00052	U	< 0.00029	U
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	< 0.00015	U	< 0.00015	U	< 0.00015	U	< 0.00029	U	< 0.00014	U	< 0.00039	U	< 0.00021	U
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	0.0022	J	< 0.00028	U	< 0.00028	U	< 0.00055	U	< 0.00026	U	< 0.00073	U	< 0.00041	U
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	0.0083	J	< 0.00040	U	< 0.00039	U	< 0.00077	U	< 0.00036	U	< 0.0010	U	< 0.00058	U
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	0.00030	J	< 0.00015	U	< 0.00014	U	< 0.00028	U	< 0.00013	U	< 0.00038	U	< 0.00021	U
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	0.00051	J	< 0.00017	U	< 0.00016	U	< 0.00032	U	< 0.00015	U	< 0.00044	U	< 0.00024	U
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	0.0022	J	< 0.00019	U	< 0.00019	U	< 0.00036	U	< 0.00017	U	< 0.00049	U	< 0.00027	U
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	0.0134	J	< 0.00044	UJ	< 0.00043	UJ	< 0.00084	UJ	< 0.00039	UJ	< 0.0011	UJ	< 0.00063	UJ
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	0.00045	J	< 0.00021	U	< 0.00020	U	< 0.00040	U	< 0.00019	U	< 0.00054	U	< 0.00030	U
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	< 0.00017	U	< 0.00017	U	< 0.00017	U	< 0.00033	U	< 0.00015	U	< 0.00044	U	< 0.00024	U
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	0.0014	J	< 0.00033	U	< 0.00032	U	< 0.00064	U	< 0.00030	U	< 0.00086	U	< 0.00048	U
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	0.306	J	< 0.053	UJ	< 0.052	UJ	< 0.1	UJ	< 0.048	UJ	< 0.14	UJ	< 0.076	UJ
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	0.0635	J	< 0.023	U	< 0.022	U	< 0.044	U	< 0.021	U	< 0.06	U	< 0.033	U
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	0.184	J	< 0.03	UJ	< 0.029	UJ	< 0.057	UJ	< 0.027	UJ	< 0.077	UJ	< 0.043	UJ
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	0.0014	J	< 0.00016	U	< 0.00015	U	< 0.00030	U	< 0.00014	U	< 0.00041	U	< 0.00023	U
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	< 0.00046	UJ	< 0.00045	UJ	< 0.00043	UJ	< 0.00086	UJ	< 0.00040	UJ	< 0.0012	UJ	< 0.00064	UJ
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	< 0.00026	U	< 0.00013	U	< 0.00012	U	< 0.00025	U	< 0.00016	U	< 0.00025	U	< 0.00012	U
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	< 0.00028	U	< 0.00014	U	< 0.00014	U	< 0.00027	U	< 0.00017	U	< 0.00028	U	< 0.00013	U
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	< 0.00032	U	< 0.00015	U	< 0.00015	U	< 0.00030	U	< 0.00019	U	< 0.00031	U	< 0.00015	U
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	0.0012	J	< 0.00014	U	< 0.00013	U	< 0.00027	U	< 0.00017	U	< 0.00028	U	< 0.00013	U
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	0.0022	J	< 0.00015	U	< 0.00015	U	< 0.00029	U	< 0.00018	U	< 0.00030	U	< 0.00014	U

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Table 1B
Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	CHLOROMETHANE		CIS-1,2-DICHLOROETHENE		CIS-1,3-DICHLOROPROPENE		CYCLOHEXANE		DICHLORODIFLUORO METHANE		DICHLOROMETHANE		ETHYLBENZENE	
										CAS RN	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result
											74-87-3	mg/kg	156-59-2	mg/kg	10061-01-5	mg/kg	110-82-7	mg/kg	75-71-8	mg/kg	75-09-2	mg/kg	100-41-4	mg/kg
											4		230		2				490		46		7800	
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	< 0.023	U	< 0.021	U	< 0.011	U	< 0.013	U	< 0.031	U	< 0.021	U	0.043	J	
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	< 0.00065	U	< 0.00024	U	< 0.00021	U	0.00089	J	< 0.00042	U	0.0015	J	< 0.00020	U	
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	< 0.00023	U	< 0.00049	U	< 0.00022	U	< 0.00061	U	< 0.00060	U	< 0.00038	U	< 0.00017	U	
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	< 0.00033	U	< 0.00068	U	< 0.00030	U	< 0.00085	U	< 0.00084	U	< 0.00053	U	< 0.00023	U	
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	< 0.00024	U	< 0.00050	U	< 0.00022	U	< 0.00062	U	< 0.00062	U	< 0.00039	U	< 0.00017	U	
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	< 0.00026	U	< 0.00054	U	< 0.00024	U	< 0.00067	U	< 0.00067	U	0.00087	J	< 0.00018	U	
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	< 0.00019	U	< 0.00040	U	< 0.00018	U	< 0.00049	U	< 0.00049	U	0.00078	J	< 0.00013	U	
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	< 0.00036	U	< 0.00075	U	< 0.00033	U	< 0.00093	U	< 0.00093	U	< 0.00058	U	< 0.00025	U	
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	< 0.00051	U	< 0.0011	U	< 0.00047	U	< 0.0013	U	< 0.0013	U	< 0.00083	U	< 0.00036	U	
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	< 0.00019	U	< 0.00039	U	< 0.00017	U	< 0.00048	U	< 0.00048	U	< 0.00030	U	< 0.00013	U	
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	< 0.00021	U	< 0.00045	U	< 0.00020	U	< 0.00056	U	< 0.00055	U	< 0.00035	U	< 0.00015	U	
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	< 0.00024	U	< 0.00050	U	< 0.00022	U	< 0.00062	U	< 0.00062	U	< 0.00039	U	< 0.00017	U	
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	< 0.00055	UJ	< 0.0012	UJ	< 0.00052	UJ	< 0.0014	UJ	< 0.0014	UJ	< 0.00090	UJ	< 0.00039	UJ	
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	< 0.00026	U	< 0.00055	U	< 0.00025	U	< 0.00068	U	< 0.00068	U	0.0015	J	< 0.00019	U	
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	< 0.00022	U	< 0.00045	U	< 0.00020	U	< 0.00056	U	< 0.00056	U	< 0.00035	U	0.00036	J	
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	< 0.00042	U	< 0.00087	U	< 0.00039	U	< 0.0011	U	< 0.0011	U	< 0.00068	U	< 0.00030	U	
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	< 0.068	UJ	< 0.14	UJ	< 0.063	UJ	< 0.17	UJ	< 0.17	UJ	< 0.11	UJ	0.172	J	
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	< 0.029	U	< 0.061	U	< 0.027	U	< 0.076	U	< 0.076	U	< 0.047	U	12.8	J	
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	< 0.038	UJ	< 0.079	UJ	< 0.035	UJ	< 0.098	UJ	< 0.098	UJ	< 0.061	UJ	3.17	J	
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	< 0.00020	U	< 0.00042	U	< 0.00019	U	< 0.00052	U	< 0.00052	U	< 0.00033	U	0.0019	J	
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	< 0.00057	UJ	< 0.0012	UJ	< 0.00053	UJ	< 0.0015	UJ	< 0.0015	UJ	< 0.00092	UJ	< 0.00040	UJ	
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	< 0.00027	U	< 0.00023	U	< 0.00011	U	< 0.00031	U	< 0.00046	U	< 0.0013	U	< 0.00017	U	
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	< 0.00029	U	< 0.00025	U	< 0.00012	U	< 0.00034	U	< 0.00051	U	< 0.0014	U	< 0.00019	U	
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	< 0.00033	U	< 0.00028	U	< 0.00014	U	< 0.00039	U	< 0.00057	U	< 0.0016	U	< 0.00021	U	
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	< 0.00029	U	< 0.00025	U	< 0.00012	U	< 0.00034	U	< 0.00051	U	< 0.0014	U	0.00043	J	
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	< 0.00032	U	< 0.00027	U	< 0.00013	U	0.00069	J	< 0.00055	U	< 0.0016	U	0.0011	J	

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**Table 1B
Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	ISOPROPYLBENZENE		M+P-XYLENE		M-DICHLOROBENZENE		METHYL ACETATE		METHYL N-BUTYL KETONE		METHYLCYCLOHEXANE		METHYL-TERT-BUTYL ETHER	
										CAS RN	98-82-8	mg/kg	12000	541-73-1	mg/kg	5300	79-20-9	mg/kg	78000	591-78-6	mg/kg	108-87-2	mg/kg	1634-04-4
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	0.037	J	0.31		< 0.024	U	< 0.035	U	< 0.059	U	< 0.0086	U	< 0.02	U	
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	< 0.00027	U	< 0.00048	U	< 0.00050	U	< 0.0017	U	< 0.0017	U	0.00032	J	0.0011		
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	< 0.00017	U	< 0.00024	U	< 0.00015	U	< 0.0023	U	< 0.0015	U	< 0.00056	U	< 0.00029	U	
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	< 0.00024	U	< 0.00034	U	< 0.00021	U	< 0.0031	U	< 0.0022	U	< 0.00078	U	< 0.00041	U	
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	< 0.00018	U	< 0.00025	U	< 0.00016	U	< 0.0023	U	< 0.0016	U	< 0.00058	U	< 0.00030	U	
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	< 0.00019	U	< 0.00027	U	< 0.00017	U	< 0.0025	U	< 0.0017	U	< 0.00062	U	< 0.00032	U	
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	< 0.00014	U	< 0.00020	U	< 0.00012	U	< 0.0018	U	< 0.0013	U	< 0.00046	U	< 0.00024	U	
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	< 0.00026	U	< 0.00037	U	< 0.00023	U	< 0.0035	U	< 0.0024	U	< 0.00086	U	< 0.00045	U	
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	0.00079	J	< 0.00053	U	< 0.00033	U	< 0.0049	U	< 0.0034	U	< 0.0012	U	< 0.00064	U	
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	< 0.00014	U	< 0.00019	U	< 0.00012	U	< 0.0018	U	< 0.0012	U	0.00060	J	< 0.00023	U	
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	< 0.00016	U	< 0.00022	U	< 0.00014	U	< 0.0021	U	< 0.0014	U	< 0.00051	U	< 0.00027	U	
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	< 0.00018	U	< 0.00025	U	< 0.00016	U	< 0.0023	U	< 0.0016	U	< 0.00058	U	< 0.00030	U	
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	< 0.00040	UJ	< 0.00058	UJ	< 0.00036	UJ	< 0.0053	UJ	< 0.0037	UJ	< 0.0013	UJ	< 0.00070	UJ	
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	< 0.00019	U	< 0.00027	U	< 0.00017	U	< 0.0025	U	< 0.0017	U	< 0.00063	U	< 0.00033	U	
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	< 0.00016	U	0.00038	J	< 0.00014	U	< 0.0021	U	< 0.0014	U	< 0.00052	U	< 0.00027	U	
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	< 0.00031	U	< 0.00044	U	< 0.00027	U	< 0.0041	U	< 0.0028	U	< 0.0010	U	< 0.00053	U	
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	< 0.049	UJ	0.278	J	< 0.044	UJ	0.87	J	< 0.44	UJ	< 0.16	UJ	< 0.085	UJ	
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	2.93		11.4		< 0.019	U	< 0.28	U	< 0.19	U	< 0.07	U	< 0.037	U	
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	0.825		2.71	J	< 0.025	UJ	< 0.36	UJ	< 0.25	UJ	< 0.091	UJ	< 0.048	UJ	
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	0.00069	UJ	0.0022		< 0.00013	U	< 0.0019	U	< 0.0013	U	< 0.00048	U	< 0.00025	U	
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	< 0.00041	UJ	< 0.00059	UJ	< 0.00037	UJ	< 0.0054	UJ	< 0.0037	UJ	< 0.0014	UJ	< 0.00071	UJ	
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	< 0.00016	U	< 0.00037	U	< 0.00017	U	< 0.00098	U	< 0.0014	U	< 0.00019	U	< 0.00015	U	
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	< 0.00018	U	< 0.00040	U	< 0.00019	U	< 0.0011	U	< 0.0015	U	< 0.00021	U	< 0.00016	U	
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	< 0.00020	U	< 0.00045	U	< 0.00021	U	< 0.0012	U	< 0.0017	U	< 0.00024	U	< 0.00018	U	
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	< 0.00018	U	< 0.00040	U	< 0.00019	U	< 0.0011	U	< 0.0015	U	< 0.00021	U	< 0.00016	U	
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	0.00070	J	0.0011		< 0.00021	U	< 0.0012	U	< 0.0017	U	0.0041		< 0.00018	U	

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Table 1B
Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	O-XYLENE	STYRENE (MONOMER)	TETRACHLOROETHENE	TOLUENE	TRANS-1,2-DICHLOROETHENE	TRANS-1,3-DICHLOROPROPENE	TRIBROMOMETHANE						
										CAS RN	95-47-6	100-42-5	127-18-4	108-88-3	156-60-5	10061-02-6	75-25-2	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier						
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	0.044	J	< 0.015	U	< 0.021	U	0.2		< 0.015	U	< 0.013	U	< 0.011	U
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	< 0.00035	U	< 0.00036	U	< 0.00034	U	< 0.00031	U	< 0.00029	U	< 0.00023	U	< 0.00072	U
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	< 0.00022	U	< 0.00016	U	< 0.00031	U	< 0.00014	U	< 0.00018	U	< 0.00025	U	< 0.00030	U
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	< 0.00031	U	< 0.00022	U	< 0.00044	U	< 0.00019	U	< 0.00024	U	< 0.00034	U	< 0.00041	U
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	< 0.00023	U	< 0.00017	U	< 0.00032	U	< 0.00014	U	< 0.00018	U	< 0.00025	U	< 0.00030	U
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	< 0.00025	U	< 0.00018	U	< 0.00034	U	< 0.00015	U	< 0.00019	U	< 0.00027	U	< 0.00032	U
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	< 0.00018	U	< 0.00013	U	< 0.00025	U	< 0.00011	U	< 0.00014	U	< 0.00020	U	< 0.00024	U
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	0.00085	J	< 0.00025	U	< 0.00048	U	< 0.00021	U	< 0.00027	U	< 0.00038	U	< 0.00045	U
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	0.0017	J	< 0.00035	U	< 0.00068	U	0.00055	J	< 0.00038	U	< 0.00053	U	< 0.00064	U
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	< 0.00018	U	0.00016	J	< 0.00025	U	< 0.00011	U	< 0.00014	U	< 0.00019	U	< 0.00023	U
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	< 0.00021	U	< 0.00015	U	< 0.00029	U	< 0.00013	U	< 0.00016	U	< 0.00022	U	< 0.00027	U
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	< 0.00023	U	< 0.00017	U	< 0.00032	U	< 0.00014	U	< 0.00018	U	< 0.00025	U	< 0.00030	U
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	< 0.00053	UJ	< 0.00038	UJ	< 0.00074	UJ	< 0.00033	UJ	< 0.00042	UJ	< 0.00058	UJ	< 0.00070	UJ
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	< 0.00025	U	< 0.00018	U	< 0.00035	U	< 0.00016	U	< 0.00020	U	< 0.00028	U	< 0.00033	U
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	0.00023	J	< 0.00015	U	< 0.00029	U	< 0.00013	U	< 0.00016	U	< 0.00023	U	< 0.00027	U
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	< 0.00040	U	< 0.00029	U	< 0.00056	U	< 0.00025	U	< 0.00032	U	< 0.00044	U	< 0.00053	U
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	0.0764	J	< 0.046	UJ	< 0.09	UJ	0.109	J	< 0.051	UJ	< 0.071	UJ	< 0.085	UJ
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	7.4	J	1.8		< 0.039	U	2.67	J	< 0.022	U	< 0.031	U	< 0.037	U
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	1.75	J	0.254	J	< 0.05	UJ	0.406	J	< 0.028	UJ	< 0.04	UJ	< 0.048	UJ
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	0.0015	J	< 0.00014	U	< 0.00027	U	0.00033	J	< 0.00015	U	< 0.00021	U	< 0.00025	U
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	0.00087	J	< 0.00039	UJ	< 0.00075	UJ	< 0.00034	UJ	< 0.00042	UJ	< 0.00059	UJ	< 0.00071	UJ
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	< 0.00019	U	< 0.00016	U	< 0.00016	U	< 0.00021	U	< 0.00017	U	< 0.00015	U	< 0.00016	U
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	< 0.00021	U	< 0.00018	U	< 0.00017	U	< 0.00023	U	< 0.00018	U	< 0.00016	U	< 0.00017	U
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	< 0.00023	U	< 0.00020	U	< 0.00019	U	< 0.00025	U	< 0.00021	U	< 0.00018	U	< 0.00019	U
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	< 0.00021	U	< 0.00017	U	< 0.00017	U	< 0.00023	U	< 0.00018	U	< 0.00016	U	< 0.00017	U
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	0.00061	J	< 0.00019	U	< 0.00019	U	< 0.00025	U	< 0.00020	U	< 0.00018	U	< 0.00019	U

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**Table 1B
Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	TRICHLOROETHYLENE	TRICHLOROFLUORO	VINYL CHLORIDE	XYLENES			
										CAS RN	79-01-6	METHANE	75-01-4	1330-20-7			
										Units	mg/kg	mg/kg	mg/kg	mg/kg			
										MSSRS	3	23000	0.7	12000			
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
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	< 0.019	U	< 0.017	U	< 0.013	U		
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	< 0.00037	U	< 0.00027	U	< 0.00024	U		
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	< 0.00021	U	< 0.00070	U	< 0.00022	U	< 0.00022	U
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	< 0.00029	U	< 0.00098	U	< 0.00031	U	< 0.00031	U
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	< 0.00022	U	< 0.00072	U	< 0.00023	U	< 0.00023	U
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	< 0.00023	U	< 0.00077	U	< 0.00025	U	< 0.00025	U
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	< 0.00017	U	< 0.00057	U	< 0.00018	U	< 0.00018	U
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	< 0.00032	U	< 0.0011	U	< 0.00035	U	0.00085	J
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	< 0.00046	U	< 0.0015	U	< 0.00049	U	0.0017	J
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	< 0.00017	U	< 0.00055	U	< 0.00018	U	< 0.00018	U
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	< 0.00019	U	< 0.00064	U	< 0.00021	U	< 0.00021	U
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	< 0.00022	U	< 0.00072	U	< 0.00023	U	< 0.00023	U
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	< 0.00050	UJ	< 0.0017	UJ	< 0.00053	UJ	< 0.00053	UJ
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	< 0.00024	U	< 0.00079	U	< 0.00025	U	< 0.00025	U
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	< 0.00019	U	< 0.00064	U	< 0.00021	U	0.00061	J
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	< 0.00038	U	< 0.0013	U	< 0.00040	U	< 0.00040	U
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	< 0.061	UJ	< 0.2	UJ	< 0.065	UJ	0.354	J
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	< 0.026	U	< 0.087	U	< 0.028	U	18.8	
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	< 0.034	UJ	< 0.11	UJ	< 0.036	UJ	4.46	J
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	< 0.00018	U	< 0.00060	U	< 0.00019	U	0.0036	
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	< 0.00051	UJ	< 0.0017	UJ	< 0.00054	UJ	0.00087	J
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	< 0.00018	U	< 0.00015	U	< 0.00033	U	< 0.00019	U
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	< 0.00019	U	< 0.00017	U	< 0.00036	U	< 0.00021	U
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	< 0.00022	U	< 0.00019	U	< 0.00041	U	< 0.00023	U
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	< 0.00019	U	< 0.00017	U	< 0.00036	U	< 0.00021	U
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	< 0.00021	U	< 0.00018	U	< 0.00039	U	0.0017	

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Table 1B
Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey

Notes:

J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

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 Abstracts Service Registry Number

ft - feet or foot

mg/kg - milligrams per kilogram

MSSRS - NJDEP Most Stringent Soil Remediation Standard

NAVD88 - North American Vertical Datum of 1988

NJDEP - New Jersey Department of Environmental Protection

SDG - Sample Delivery Group

VOC - volatile organic compound

Table 1C
Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS	1,2,4,5-TETRACHLORO BENZENE 95-94-3 mg/kg		1,4-DIOXANE 123-91-1 mg/kg		1-1'-BIPHENYL 92-52-4 mg/kg 61		2,2'-OXYBIS(1- CHLOROPROPANE) 108-60-1 mg/kg 23		2,3,4,6-TETRACHLORO PHENOL 58-90-2 mg/kg		2,4,5- TRICHLOROPHENOL 95-95-4 mg/kg 6100		2,4,6- TRICHLOROPHENOL 88-06-2 mg/kg 19				
											Result	Qualifier	Result	Qualifier	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																		
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																		
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																		
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																		
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																		
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																		
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	< 0.11	U			< 0.13	U	< 0.1	U	< 0.16	U	< 0.15	U	< 0.14	U				
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	< 0.053	U			< 0.065	U	< 0.052	U	< 0.079	U	< 0.076	U	< 0.071	U				
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	< 0.018	U	< 0.047	U	< 0.0098	U	< 0.026	U	< 0.047	U	< 0.054	U	< 0.043	U				
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	< 0.01	U	< 0.026	U	< 0.0055	U	< 0.014	U	< 0.026	U	< 0.03	U	< 0.024	U				
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	< 0.0090	U	< 0.023	U	< 0.0048	U	< 0.013	U	< 0.023	U	< 0.026	U	< 0.021	U				
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	< 0.01	U	< 0.027	U	0.107		< 0.014	U	< 0.027	U	< 0.03	U	< 0.024	U				
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	< 0.01	U	< 0.026	U	< 0.0054	U	< 0.014	U	< 0.026	U	< 0.029	U	< 0.023	U				
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	< 0.012	U	< 0.031	U	< 0.0064	U	< 0.017	U	< 0.031	U	< 0.035	U	< 0.028	U				
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	< 0.014	U	< 0.038	U	< 0.0078	U	< 0.02	U	< 0.038	U	< 0.043	U	< 0.034	U				
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	< 0.0095	U	< 0.025	U	< 0.0051	U	< 0.013	U	< 0.025	U	< 0.028	U	< 0.022	U				
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	< 0.0094	U	< 0.024	U	< 0.0050	U	< 0.013	U	< 0.024	U	< 0.028	U	< 0.022	U				
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	< 0.0096	U	< 0.025	U	< 0.0052	U	< 0.014	U	< 0.025	U	< 0.028	U	< 0.022	U				
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	< 0.036	UJ	< 0.094	UJ	< 0.02	UJ	< 0.051	UJ	< 0.094	UJ	< 0.11	UJ	< 0.085	UJ				
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	< 0.0092	U	< 0.024	U	0.0558	J	< 0.013	U	< 0.024	U	< 0.027	U	< 0.022	U				
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	< 0.01	U	< 0.026	U	0.138		< 0.014	U	< 0.026	U	< 0.03	U	< 0.024	U				
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	< 0.013	U	< 0.033	U	0.0899	J	< 0.018	U	< 0.033	U	< 0.038	U	< 0.03	U				
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	< 0.051	UJ	< 0.13	UJ	12.1	J	< 0.073	UJ	< 0.13	UJ	< 0.15	UJ	< 0.12	UJ				
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	< 0.21	U	< 0.54	U	89.5		< 0.29	U	< 0.54	U	< 0.61	U	< 0.48	U				
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	< 0.05	UJ	< 0.13	UJ	3.01	J	< 0.071	UJ	< 0.13	UJ	< 0.15	UJ	< 0.12	UJ				
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	< 0.0096	U	< 0.025	U	0.0231	J	< 0.014	U	< 0.025	U	< 0.028	U	< 0.023	U				
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	< 0.018	UJ	< 0.046	UJ	0.0658	J	< 0.025	UJ	< 0.046	UJ	< 0.052	UJ	< 0.041	UJ				
EF-64	EF-B64-2.5	460271661	460-27166-10	2.5 - 3.0	12.6	10.1	9.6	06/02/2011	Yes	< 0.062	UJ			< 0.075	U	< 0.06	U	< 0.092	UJ	< 0.088	U	< 0.082	U				
EF-64	EF-B64-10.5	460271661	460-27166-11	10.5 - 11.0	12.6	2.1	1.6	06/02/2011	Yes	< 0.072	UJ			< 0.089	U	< 0.071	U	< 0.11	UJ	< 0.1	U	< 0.096	U				
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	< 0.011	U	< 0.023	U	< 0.0042	U	< 0.011	U	< 0.037	U	< 0.042	U	< 0.034	U				
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	< 0.011	U	< 0.024	U	< 0.0043	U	< 0.011	U	< 0.038	U	< 0.043	U	< 0.035	U				
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	< 0.051	U	< 0.11	U	< 0.019	U	< 0.05	U	< 0.17	U	< 0.19	U	< 0.16	U				
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	< 0.057	U	< 0.12	U	0.125	J	< 0.055	U	< 0.19	U	< 0.21	U	< 0.17	U				
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	< 0.01	U	< 0.021	U	0.256		< 0.0098	U	< 0.034	U	< 0.038	U	< 0.031	U				

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Table 1C
Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS	2,4-DICHLOROPHENOL 120-83-2 mg/kg 180		2,4-DIMETHYLPHENOL 105-67-9 mg/kg 1200		2,4-DINITROPHENOL 51-28-5 mg/kg 120		2,4-DINITROTOLUENE 121-14-2 mg/kg 0.7		2,4-DINITROTOLUENE 25321-14-6 mg/kg 0.7		2,6-DINITROTOLUENE 606-20-2 mg/kg 0.7		2-CHLORO NAPHTHALENE 91-58-7 mg/kg				
											Result	Qualifier	Result	Qualifier	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																		
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																		
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																		
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																		
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																		
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																		
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	< 0.13	U	< 0.13	U	< 0.17	U			< 0.023	U	< 0.02	U	< 0.11	U				
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	< 0.063	U	< 0.063	U	< 0.084	U			< 0.012	U	< 0.01	U	< 0.056	U				
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	< 0.061	U	< 0.13	U	< 0.27	U	< 0.022	U			< 0.036	U	< 0.017	U				
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	< 0.034	U	< 0.071	U	< 0.15	U	< 0.012	U			< 0.02	U	< 0.0095	U				
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	< 0.03	U	< 0.063	U	< 0.13	U	< 0.011	U			< 0.018	U	< 0.0084	U				
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	< 0.034	U	< 0.072	U	< 0.15	U	< 0.013	U			< 0.02	U	< 0.0096	U				
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	< 0.034	U	< 0.07	U	< 0.15	U	< 0.012	U			< 0.02	U	< 0.0094	U				
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	< 0.04	U	< 0.083	U	< 0.18	U	< 0.014	U			< 0.023	U	< 0.011	U				
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	< 0.049	U	< 0.1	U	< 0.21	U	< 0.018	U			< 0.029	U	< 0.014	U				
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	< 0.032	U	< 0.067	U	< 0.14	U	< 0.012	U			< 0.019	U	< 0.0089	U				
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	< 0.031	U	< 0.066	U	< 0.14	U	< 0.011	U			< 0.018	U	< 0.0088	U				
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	< 0.032	U	< 0.067	U	< 0.14	U	< 0.012	U			< 0.019	U	< 0.0090	U				
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	< 0.12	UJ	< 0.25	UJ	< 0.54	UJ	< 0.044	UJ			< 0.072	UJ	< 0.034	UJ				
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	< 0.031	U	< 0.065	U	< 0.14	U	< 0.011	U			< 0.018	U	< 0.0087	U				
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	< 0.034	U	< 0.071	U	< 0.15	U	< 0.012	U			< 0.02	U	< 0.0095	U				
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	< 0.043	U	< 0.089	U	< 0.19	U	< 0.016	U			< 0.025	U	< 0.012	U				
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	< 0.17	UJ	< 0.36	UJ	< 0.76	UJ	< 0.063	UJ			< 0.1	UJ	< 0.048	UJ				
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	< 0.69	U	< 1.4	U	< 3.1	U	< 0.25	U			< 0.41	U	< 0.19	U				
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	< 0.17	UJ	< 0.35	UJ	< 0.74	UJ	< 0.061	UJ			< 0.099	UJ	< 0.047	UJ				
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	< 0.032	U	< 0.067	U	< 0.14	U	< 0.012	U			< 0.019	U	< 0.0090	U				
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	< 0.059	UJ	< 0.12	UJ	< 0.26	UJ	< 0.021	UJ			< 0.035	UJ	< 0.016	UJ				
EF-64	EF-B64-2.5	460271661	460-27166-10	2.5 - 3.0	12.6	10.1	9.6	06/02/2011	Yes	< 0.073	U	< 0.073	U	< 0.097	U			< 0.013	U	< 0.012	U	< 0.065	U				
EF-64	EF-B64-10.5	460271661	460-27166-11	10.5 - 11.0	12.6	2.1	1.6	06/02/2011	Yes	< 0.086	U	< 0.086	U	< 0.11	U			< 0.016	U	< 0.014	U	< 0.076	U				
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	< 0.058	U	< 0.061	U	< 0.044	U	< 0.016	U			< 0.014	U	< 0.011	U				
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	< 0.059	U	< 0.062	U	< 0.045	U	< 0.016	U			< 0.014	U	< 0.011	U				
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	< 0.27	U	< 0.28	U	< 0.2	U	< 0.073	U			< 0.064	U	< 0.052	U				
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	< 0.3	U	< 0.31	U	< 0.22	U	< 0.081	U			< 0.07	U	< 0.057	U				
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	< 0.053	U	< 0.055	U	< 0.04	U	< 0.014	U			< 0.013	U	< 0.01	U				

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Table 1C
Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS	2-CHLOROPHENOL 95-57-8 mg/kg 310		2-METHYL NAPHTHALENE 91-57-6 mg/kg 230		2-METHYLPHENOL 95-48-7 mg/kg 310		2-NITROANILINE 88-74-4 mg/kg 39		2-NITROPHENOL 88-75-5 mg/kg		3,3'-DICHLORO BENZIDINE 91-94-1 mg/kg 1		3,5,5-TRIMETHYL-2- CYCLOHEXENE-1-ONE 78-59-1 mg/kg 510		
											Result	Qualifier	Result	Qualifier	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																
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																
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																
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																
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																
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																
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	< 0.1	U	0.28	J	< 0.11	U	< 0.21	U	< 0.13	U	< 0.17	U	0.23	J		
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	< 0.053	U	0.064	J	< 0.057	U	< 0.11	U	< 0.065	U	< 0.087	U	< 0.045	U		
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	< 0.035	U	0.0335	J	< 0.046	U	< 0.017	U	< 0.047	U	< 0.06	U	< 0.015	U		
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	< 0.02	U	0.0179	J	< 0.026	U	< 0.0094	U	< 0.026	U	< 0.033	U	< 0.0085	U		
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	< 0.017	U	< 0.0080	U	< 0.023	U	< 0.0083	U	< 0.023	U	< 0.029	U	< 0.0075	U		
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	< 0.02	U	0.305	J	< 0.026	U	< 0.0095	U	< 0.027	U	< 0.034	U	< 0.0086	U		
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	< 0.019	U	< 0.0089	U	< 0.025	U	< 0.0093	U	< 0.026	U	< 0.033	U	< 0.0084	U		
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	< 0.023	U	0.0512	J	< 0.03	U	< 0.011	U	< 0.031	U	< 0.039	U	< 0.01	U		
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	< 0.028	U	0.0508	J	< 0.036	U	< 0.013	U	< 0.038	U	< 0.047	U	< 0.012	U		
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	< 0.019	U	< 0.0085	U	< 0.024	U	< 0.0088	U	< 0.025	U	< 0.031	U	< 0.0080	U		
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	< 0.018	U	< 0.0083	U	< 0.024	U	< 0.0087	U	< 0.024	U	< 0.031	U	< 0.0079	U		
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	< 0.019	U	< 0.0085	U	< 0.024	U	< 0.0089	U	< 0.025	U	< 0.031	U	< 0.0081	U		
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	< 0.071	UJ	< 0.032	UJ	< 0.091	UJ	< 0.034	UJ	< 0.094	UJ	< 0.12	UJ	< 0.031	UJ		
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	< 0.018	U	0.153	J	< 0.023	U	< 0.0086	U	< 0.024	U	< 0.03	U	< 0.0078	U		
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	< 0.02	U	0.379	J	< 0.025	U	< 0.0094	U	< 0.026	U	< 0.033	U	< 0.0085	U		
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	< 0.025	U	0.28	J	< 0.032	U	< 0.012	U	< 0.033	U	< 0.042	U	< 0.011	U		
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	< 0.1	UJ	112	J	< 0.13	UJ	< 0.048	UJ	< 0.13	UJ	< 0.17	UJ	< 0.043	UJ		
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	< 0.4	U	1080	J	< 0.52	U	< 0.19	U	< 0.54	U	< 0.68	U	< 0.17	U		
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	< 0.098	UJ	8.43	J	< 0.13	UJ	< 0.047	UJ	< 0.13	UJ	< 0.16	UJ	< 0.042	UJ		
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	< 0.019	U	0.137	J	< 0.024	U	< 0.0089	U	< 0.025	U	< 0.031	U	< 0.0081	U		
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	< 0.034	UJ	0.312	J	< 0.044	UJ	< 0.016	UJ	< 0.046	UJ	< 0.058	UJ	< 0.015	UJ		
EF-64	EF-B64-2.5	460271661	460-27166-10	2.5 - 3.0	12.6	10.1	9.6	06/02/2011	Yes	< 0.061	U	< 0.067	U	< 0.066	U	< 0.13	U	< 0.075	U	< 0.1	U	< 0.053	U		
EF-64	EF-B64-10.5	460271661	460-27166-11	10.5 - 11.0	12.6	2.1	1.6	06/02/2011	Yes	< 0.072	U	< 0.078	U	< 0.077	U	< 0.15	U	< 0.088	U	< 0.12	U	< 0.062	U		
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	< 0.036	U	< 0.02	U	< 0.041	U	< 0.016	U	< 0.038	U	< 0.0091	U	< 0.0097	U		
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	< 0.037	U	< 0.021	U	< 0.042	U	< 0.016	U	< 0.039	U	< 0.0094	U	< 0.0099	U		
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	< 0.17	U	0.141	J	< 0.19	U	< 0.074	U	< 0.18	U	< 0.042	U	< 0.045	U		
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	< 0.18	U	0.404	J	< 0.21	U	< 0.081	U	< 0.2	U	< 0.047	U	< 0.05	U		
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	< 0.033	U	0.994	J	< 0.037	U	< 0.014	U	< 0.035	U	< 0.0083	U	< 0.0088	U		

Notes on last page

Table 1C
Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS		3+4-METHYLPHENOL 106-44-5 mg/kg 31		3-NITROANILINE 99-09-2 mg/kg		4,6-DINITRO-2- METHYLPHENOL 534-52-1 mg/kg 6		4-BROMOPHENYL PHENYL ETHER 101-55-3 mg/kg		4-CHLORO-3- METHYLPHENOL 59-50-7 mg/kg		4-CHLOROPHENYL PHENYL ETHER 7005-72-3 mg/kg		4-NITROPHENOL 100-02-7 mg/kg					
										Result	Qualifier	Result	Qualifier	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																				
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																				
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																				
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																				
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																				
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																				
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	< 0.13	U	< 0.18	U	< 0.37	U	< 0.14	U	< 0.13	U	< 0.13	U	< 0.13	U	< 0.2	U	< 0.1	U	< 0.1	U
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	< 0.065	U	< 0.089	U	< 0.19	U	< 0.07	U	< 0.066	U	< 0.068	U	< 0.068	U	< 0.1	U	< 0.1	U	< 0.1	U
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	< 0.059	U	< 0.018	U	< 0.077	U	< 0.028	U	< 0.044	U	< 0.023	U	< 0.023	U	< 0.19	U	< 0.19	U	< 0.19	U
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	< 0.033	U	< 0.01	U	< 0.043	U	< 0.015	U	< 0.024	U	< 0.013	U	< 0.013	U	< 0.11	U	< 0.11	U	< 0.11	U
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	< 0.029	U	< 0.0088	U	< 0.038	U	< 0.014	U	< 0.022	U	< 0.011	U	< 0.011	U	< 0.094	U	< 0.094	U	< 0.094	U
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	1.63		< 0.01	U	< 0.043	U	< 0.016	U	< 0.025	U	< 0.013	U	< 0.013	U	< 0.11	U	< 0.11	U	< 0.11	U
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	< 0.032	U	< 0.0098	U	< 0.042	U	< 0.015	U	< 0.024	U	< 0.013	U	< 0.013	U	< 0.11	U	< 0.11	U	< 0.11	U
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	0.0966	J	< 0.012	U	< 0.05	U	< 0.018	U	< 0.029	U	< 0.015	U	< 0.015	U	< 0.12	U	< 0.12	U	< 0.12	U
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	0.181	J	< 0.014	U	< 0.061	U	< 0.022	U	< 0.035	U	< 0.018	U	< 0.018	U	< 0.15	U	< 0.15	U	< 0.15	U
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	< 0.031	U	< 0.0094	U	< 0.04	U	< 0.014	U	< 0.023	U	< 0.012	U	< 0.012	U	< 0.1	U	< 0.1	U	< 0.1	U
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	< 0.03	U	< 0.0092	U	< 0.039	U	< 0.014	U	< 0.023	U	< 0.012	U	< 0.012	U	< 0.098	U	< 0.098	U	< 0.098	U
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	< 0.031	U	< 0.0094	U	< 0.04	U	< 0.015	U	< 0.023	U	< 0.012	U	< 0.012	U	< 0.1	U	< 0.1	U	< 0.1	U
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	< 0.12	UJ	< 0.036	UJ	< 0.15	UJ	< 0.055	UJ	< 0.087	UJ	< 0.046	UJ	< 0.046	UJ	< 0.38	UJ	< 0.38	UJ	< 0.38	UJ
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	< 0.03	U	< 0.0091	U	< 0.039	U	< 0.014	U	< 0.022	U	< 0.012	U	< 0.012	U	< 0.097	U	< 0.097	U	< 0.097	U
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	< 0.033	U	< 0.0099	U	< 0.043	U	< 0.015	U	< 0.024	U	< 0.013	U	< 0.013	U	< 0.11	U	< 0.11	U	< 0.11	U
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	< 0.041	U	< 0.013	U	< 0.054	U	< 0.019	U	< 0.031	U	< 0.016	U	< 0.016	U	< 0.13	U	< 0.13	U	< 0.13	U
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	1.62	J	< 0.051	UJ	< 0.22	UJ	< 0.078	UJ	< 0.12	UJ	< 0.066	UJ	< 0.066	UJ	< 0.54	UJ	< 0.54	UJ	< 0.54	UJ
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	1.39	J	< 0.2	U	< 0.87	U	< 0.31	U	< 0.5	U	< 0.26	U	< 0.26	U	< 2.2	U	< 2.2	U	< 2.2	U
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	< 0.16	UJ	< 0.049	UJ	< 0.21	UJ	< 0.076	UJ	< 0.12	UJ	< 0.064	UJ	< 0.064	UJ	< 0.53	UJ	< 0.53	UJ	< 0.53	UJ
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	< 0.031	U	< 0.0094	U	< 0.04	U	< 0.015	U	< 0.023	U	< 0.012	U	< 0.012	U	< 0.1	U	< 0.1	U	< 0.1	U
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	0.327	J	< 0.017	UJ	< 0.074	UJ	< 0.027	UJ	< 0.042	UJ	< 0.022	UJ	< 0.022	UJ	< 0.18	UJ	< 0.18	UJ	< 0.18	UJ
EF-64	EF-B64-2.5	460271661	460-27166-10	2.5 - 3.0	12.6	10.1	9.6	06/02/2011	Yes	< 0.075	U	< 0.1	U	< 0.22	U	< 0.081	U	< 0.077	U	< 0.079	U	< 0.079	U	< 0.12	U	< 0.12	U	< 0.12	U
EF-64	EF-B64-10.5	460271661	460-27166-11	10.5 - 11.0	12.6	2.1	1.6	06/02/2011	Yes	< 0.088	U	< 0.12	U	< 0.26	U	< 0.096	U	< 0.09	U	< 0.092	U	< 0.092	U	< 0.14	U	< 0.14	U	< 0.14	U
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	< 0.046	U	< 0.014	U	< 0.044	U	< 0.013	U	< 0.036	U	< 0.011	U	< 0.011	U	< 0.061	U	< 0.061	U	< 0.061	U
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	< 0.047	U	< 0.015	U	< 0.045	U	< 0.013	U	< 0.037	U	< 0.011	U	< 0.011	U	< 0.062	U	< 0.062	U	< 0.062	U
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	< 0.21	U	< 0.067	U	< 0.2	U	< 0.061	U	< 0.17	U	< 0.05	U	< 0.05	U	< 0.28	U	< 0.28	U	< 0.28	U
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	< 0.23	U	< 0.074	U	< 0.22	U	< 0.067	U	< 0.18	U	< 0.055	U	< 0.055	U	< 0.31	U	< 0.31	U	< 0.31	U
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	< 0.042	U	< 0.013	U	< 0.04	U	< 0.012	U	< 0.033	U	< 0.0099	U	< 0.0099	U	< 0.056	U	< 0.056	U	< 0.056	U

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Table 1C
Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	ACENAPHTHENE 83-32-9 mg/kg 3400		ACENAPHTHYLENE 208-96-8 mg/kg 300000		ACETOPHENONE 98-86-2 mg/kg 2		ANTHRACENE 120-12-7 mg/kg 17000		ATRAZINE 1912-24-9 mg/kg 210		BENZALDEHYDE 100-52-7 mg/kg 6100		BENZO(A) ANTHRACENE 56-55-3 mg/kg 5	
										Result	Qualifier	Result	Qualifier	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	< 0.02	U	< 0.016	U			0.0155	J					0.0528	J
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	< 0.022	U	< 0.018	U			< 0.017	U					< 0.021	U
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	< 0.022	U	< 0.017	U			< 0.017	U					< 0.021	U
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	< 0.021	U	< 0.017	U			< 0.016	U					< 0.02	U
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	< 0.02	U	< 0.016	U			< 0.015	U					< 0.019	U
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	< 0.02	U	< 0.016	U			< 0.015	U					< 0.019	U
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	< 0.11	U	< 0.11	U	< 0.12	U	0.3	J	< 0.15	U	< 0.049	U	1.8	
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	< 0.056	U	< 0.056	U	< 0.059	U	0.15	J	< 0.074	U	< 0.025	U	1.4	
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	0.0306	J	0.0917	J	< 0.015	U	0.135	J	< 0.031	U	< 0.018	U	0.601	
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	0.0366	J	0.0296	J	< 0.0086	U	0.107	J	< 0.017	U	< 0.0099	U	0.269	
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	< 0.012	U	< 0.018	U	< 0.0076	U	< 0.022	U	< 0.015	U	< 0.0087	U	< 0.01	U
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	0.984	J	0.0594	J	< 0.0087	U	3.73	J	< 0.017	U	0.235	J	4.79	
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	< 0.014	U	< 0.02	U	< 0.0085	U	< 0.024	U	< 0.017	U	< 0.0098	U	< 0.011	U
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	0.0819	J	< 0.024	U	< 0.01	U	0.0391	J	< 0.02	U	< 0.012	U	0.0563	
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	0.0509	J	< 0.029	U	< 0.012	U	0.0450	J	< 0.024	U	< 0.014	U	0.0451	J
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	< 0.013	U	< 0.019	U	< 0.0081	U	< 0.023	U	< 0.016	U	< 0.0093	U	0.0161	J
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	< 0.013	U	< 0.019	U	< 0.0079	U	< 0.023	U	< 0.016	U	< 0.0091	U	< 0.01	U
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	< 0.013	U	< 0.019	U	< 0.0081	U	< 0.023	U	< 0.016	U	< 0.0093	U	< 0.011	U
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	< 0.049	UJ	< 0.073	UJ	< 0.031	UJ	< 0.087	UJ	< 0.061	UJ	0.148	J	< 0.04	UJ
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	0.108	J	0.157	J	< 0.0078	U	0.563	J	< 0.016	U	< 0.0090	U	3.01	
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	0.493	J	0.183	J	< 0.0085	U	1.6	J	< 0.017	U	< 0.0099	U	3.91	J
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	0.494	J	0.129	J	< 0.011	U	1.18	J	< 0.021	U	< 0.012	U	2.32	
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	88.6	J	19.8	J	< 0.044	UJ	78.2	J	< 0.087	UJ	< 0.05	UJ	48.9	J
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	425	J	231	J	< 0.17	U	317	J	< 0.35	U	< 0.2	U	147	
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	18.7	J	2.72	J	< 0.042	UJ	13	J	< 0.085	UJ	< 0.049	UJ	6.4	J
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	0.179	J	0.0499	J	< 0.0081	U	0.184	J	< 0.016	U	< 0.0094	U	0.105	
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	0.275	J	< 0.035	UJ	< 0.015	UJ	0.0580	J	< 0.03	UJ	< 0.017	UJ	0.0332	J
EF-64	EF-B64-2.5	460271661	460-27166-10	2.5 - 3.0	12.6	10.1	9.6	06/02/2011	Yes	0.13	J	< 0.065	U	< 0.068	U	0.41	J	< 0.085	U	< 0.029	U	0.99	
EF-64	EF-B64-10.5	460271661	460-27166-11	10.5 - 11.0	12.6	2.1	1.6	06/02/2011	Yes	< 0.077	U	< 0.077	U	< 0.08	U	< 0.095	U	< 0.1	U	< 0.034	U	0.035	J
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	< 0.01	U	< 0.012	U	< 0.0063	U	0.0496	J	< 0.0071	U	< 0.0083	U	0.205	
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	< 0.011	U	0.0243	J	< 0.0065	U	0.0453	J	< 0.0073	U	< 0.0085	U	0.188	
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	0.66	J	1.1	J	< 0.029	U	3.32	J	< 0.033	U	< 0.038	U	10.7	
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	3.41	J	1.57	J	< 0.032	U	7.63	J	< 0.036	U	< 0.042	U	17.7	
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	4.37	J	1.22	J	< 0.0058	U	10.6	J	< 0.0065	U	< 0.0076	U	15.8	

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Table 1C
Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	BENZO(A)PYRENE	BENZO(B)	BENZO(G,H,I) PERYLENE	BENZO(K)	BENZYL BUTYL	BIS(2-CHLOROETHOXY)	BIS(2-CHLOROETHYL)
										CAS RN	50-32-8	FLUORANTHENE	191-24-2	FLUORANTHENE	PHTHALATE	METHANE	ETHER
										Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
										MSSRS	0.5	5	30000	45	1200	111-91-1	111-44-4
										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	0.0421	J	0.0404	J	0.0242	J	< 0.029	U
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	< 0.015	U	< 0.02	U	< 0.024	U	< 0.033	U
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	< 0.015	U	< 0.02	U	< 0.032	U		
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	< 0.014	U	< 0.019	U	< 0.023	U	< 0.031	U
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	< 0.014	U	< 0.018	U	< 0.021	U	< 0.029	U
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	< 0.013	U	< 0.018	U	< 0.021	U	< 0.029	U
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	2.3		3		3.8		1.1	
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	1.9		3.1		2.9		1.2	
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	0.666		0.888		0.353		0.359	
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	0.229		0.234		0.152		0.0940	
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	< 0.016	U	< 0.016	U	< 0.018	U	< 0.016	U
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	4.11		3.97		1.95		1.42	
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	< 0.018	U	< 0.017	U	< 0.02	U	< 0.018	U
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	0.0372	J	0.0467	J	0.0302	J	< 0.022	U
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	0.0340	J	0.0369	J	< 0.028	U	< 0.027	U
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	< 0.017	U	0.0185	J	< 0.019	U	< 0.018	U
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	< 0.017	U	< 0.016	U	< 0.018	U	< 0.017	U
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	< 0.017	U	< 0.017	U	< 0.019	U	< 0.018	U
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	< 0.065	UJ	< 0.063	UJ	< 0.071	UJ	< 0.067	UJ
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	3.1		4.38		2.13		1.65	
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	3.75	J	3.63	J	2.07	J	1.43	
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	1.95		2.17		0.91		0.841	
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	28	J	22.5	J	10.2	J	8.71	J
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	92.4		69.5		33.4		25.5	
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	2.42	J	1.87	J	0.755	J	0.472	J
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	0.0600		0.0391		0.0237	J	0.0242	J
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	< 0.032	UJ	< 0.031	UJ	< 0.035	UJ	< 0.032	UJ
EF-64	EF-B64-2.5	460271661	460-27166-10	2.5 - 3.0	12.6	10.1	9.6	06/02/2011	Yes	1.1		1.3		0.87		0.58	
EF-64	EF-B64-10.5	460271661	460-27166-11	10.5 - 11.0	12.6	2.1	1.6	06/02/2011	Yes	< 0.0066	U	0.035	J	< 0.057	U	< 0.0075	U
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	0.198		0.16		0.112		0.152	
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	0.218		0.177		0.139		0.139	
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	12.7		10.1		7.96		7.02	
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	18.1		13.1		11.3		10.9	
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	14.1		12		7.88		8.42	

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Carteret Avenue Non-Chrome Fill Soil Re-Use 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	ANALYTE		CAPROLACTAM		CARBAZOLE		CHRYSENE		DIBENZO(A,H) ANTHRACENE		DIBENZOFURAN		DIETHYL PHTHALATE	
										Result	Qualifier	Result	Qualifier	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							0.0471	J	< 0.02	U				
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							< 0.016	U	< 0.023	U				
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							< 0.016	U	< 0.023	U				
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							< 0.015	U	< 0.022	U				
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							< 0.014	U	< 0.02	U				
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							< 0.014	U	< 0.02	U				
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	1.4		< 0.11	U	< 0.12	U	2.2		0.9		< 0.12	U	< 0.11	U
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	< 0.052	U	< 0.054	U	0.098	J	2.1		0.73		< 0.059	U	< 0.053	U
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	< 0.017	U	< 0.028	U	0.0467	J	0.691		0.0987		< 0.029	U	< 0.015	U
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	< 0.0093	U	< 0.016	U	0.0198	J	0.284		0.0511		0.0241	J	< 0.0085	U
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	< 0.0082	U	< 0.014	U	< 0.0051	U	< 0.011	U	< 0.016	U	< 0.014	U	< 0.0075	U
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	< 0.0094	U	< 0.016	U	0.407		4.65		0.522		0.597		< 0.0086	U
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	< 0.0092	U	< 0.016	U	< 0.0057	U	< 0.012	U	< 0.017	U	< 0.016	U	< 0.0084	U
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	< 0.011	U	< 0.018	U	< 0.0068	U	0.0402	J	< 0.021	U	0.0314	J	< 0.0099	U
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	< 0.013	U	< 0.022	U	< 0.0083	U	0.0429	J	< 0.025	U	0.0311	J	< 0.012	U
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	< 0.0088	U	< 0.015	U	< 0.0054	U	< 0.012	U	< 0.017	U	< 0.015	U	< 0.0080	U
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	< 0.0086	U	< 0.015	U	< 0.0053	U	< 0.012	U	< 0.016	U	< 0.015	U	< 0.0078	U
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	< 0.0088	U	< 0.015	U	< 0.0055	U	< 0.012	U	< 0.017	U	< 0.015	U	< 0.0080	U
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	< 0.033	UJ	< 0.056	UJ	< 0.021	UJ	< 0.045	UJ	< 0.063	UJ	< 0.058	UJ	< 0.03	UJ
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	< 0.0085	U	< 0.014	U	0.101		3.39		0.729		0.135		< 0.0078	U
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	< 0.0093	U	< 0.016	U	0.332	J	3.58	J	0.755	J	0.922	J	< 0.0085	U
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	< 0.012	U	< 0.02	U	0.359		2.39		0.331		0.459		< 0.011	U
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	< 0.047	UJ	< 0.08	UJ	< 0.029	UJ	52.1	J	3.86	J	9.25	J	< 0.043	UJ
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	< 0.19	U	< 0.32	U	< 0.12	U	165		12	J	61.3		< 0.17	U
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	< 0.046	UJ	< 0.078	UJ	1.68	J	6.22	J	0.267	J	< 0.08	UJ	< 0.042	UJ
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	< 0.0088	U	< 0.015	U	< 0.0055	U	0.106		< 0.017	U	< 0.015	U	< 0.0080	U
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	< 0.016	UJ	< 0.027	UJ	0.0480	J	0.0408	J	< 0.031	UJ	0.0621	J	< 0.015	UJ
EF-64	EF-B64-2.5	460271661	460-27166-10	2.5 - 3.0	12.6	10.1	9.6	06/02/2011	Yes	< 0.061	U	< 0.063	U	0.2	J	1.2		0.17		0.098	J	< 0.061	U
EF-64	EF-B64-10.5	460271661	460-27166-11	10.5 - 11.0	12.6	2.1	1.6	06/02/2011	Yes	< 0.071	U	< 0.074	U	< 0.085	U	< 0.078	U	< 0.0065	U	< 0.081	U	< 0.072	U
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	< 0.032	U	< 0.011	U	< 0.017	U	0.187		0.0244	J	< 0.011	U	< 0.012	U
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	< 0.033	U	< 0.012	U	< 0.017	U	0.171		0.0295	J	< 0.011	U	< 0.013	U
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	< 0.15	U	< 0.053	U	0.441		9.51		1.59		0.26	J	< 0.057	U
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	< 0.16	U	< 0.058	U	1.14		16		3.73		0.935		< 0.063	U
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	< 0.029	U	< 0.01	U	1.57		13.5		1.91		2.45		< 0.011	U

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Table 1C
Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS	DIMETHYL PHTHALATE 131-11-3 mg/kg		DI-N-BUTYLPHTHALATE 84-74-2 mg/kg 6100		DI-N-OCTYL PHTHALATE 117-84-0 mg/kg 2400		FLUORANTHENE 206-44-0 mg/kg 2300		FLUORENE 86-73-7 mg/kg 2300		HEXACHLORO-1,3- BUTADIENE 87-68-3 mg/kg 6		HEXACHLORO BENZENE 118-74-1 mg/kg 0.3		
											Result	Qualifier	Result	Qualifier	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							0.0925	J	< 0.015	U						
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							< 0.015	U	< 0.017	U						
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							< 0.015	U	< 0.017	U						
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							< 0.015	U	< 0.017	U						
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							< 0.014	U	< 0.016	U						
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							< 0.014	U	< 0.015	U						
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	< 0.11	U	< 0.12	U	< 0.093	U	2.2		< 0.13	U	< 0.032	U	< 0.011	U		
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	< 0.053	U	< 0.06	U	< 0.047	U	1.8		< 0.067	U	< 0.016	U	< 0.0055	U		
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	< 0.013	U	< 0.012	U	< 0.018	U	1.02		< 0.033	U	< 0.029	U	< 0.018	U		
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	< 0.0071	U	< 0.0065	U	< 0.0099	U	0.39		0.0393	J	< 0.016	U	< 0.01	U		
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	< 0.0063	U	< 0.0057	U	< 0.0088	U	< 0.016	U	< 0.016	U	< 0.014	U	< 0.0089	U		
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	< 0.0072	U	< 0.0066	U	< 0.01	U	11		1.35		< 0.016	U	< 0.01	U		
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	< 0.0070	U	< 0.0064	U	< 0.0098	U	< 0.018	U	< 0.018	U	< 0.016	U	< 0.01	U		
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	< 0.0083	U	< 0.0076	U	< 0.012	U	0.0950		0.0689		< 0.019	U	< 0.012	U		
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	< 0.01	U	< 0.0093	U	< 0.014	U	0.0756		0.0663		< 0.023	U	< 0.014	U		
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	< 0.0067	U	< 0.0061	U	< 0.0093	U	< 0.017	U	< 0.017	U	< 0.015	U	< 0.0095	U		
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	< 0.0066	U	< 0.0060	U	< 0.0092	U	< 0.016	U	< 0.017	U	< 0.015	U	< 0.0093	U		
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	< 0.0067	U	< 0.0061	U	< 0.0094	U	< 0.017	U	< 0.017	U	< 0.015	U	< 0.0095	U		
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	< 0.025	UJ	< 0.023	UJ	< 0.036	UJ	< 0.064	UJ	< 0.066	UJ	< 0.057	UJ	< 0.036	UJ		
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	< 0.0065	U	< 0.0059	U	< 0.0091	U	4.01		0.118		< 0.015	U	< 0.0092	U		
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	< 0.0071	U	< 0.0065	U	< 0.0099	U	7.19	J	0.996	J	< 0.016	U	< 0.01	U		
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	< 0.0089	U	< 0.0082	U	< 0.012	U	5.74		0.609		< 0.02	U	< 0.013	U		
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	< 0.036	UJ	< 0.033	UJ	< 0.05	UJ	88.5	J	84.1	J	< 0.081	UJ	< 0.051	UJ		
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	< 0.14	U	< 0.13	U	< 0.2	U	258		470		< 0.33	U	< 0.21	U		
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	< 0.035	UJ	< 0.032	UJ	< 0.049	UJ	10.4	J	17	J	< 0.079	UJ	< 0.05	UJ		
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	< 0.0067	U	< 0.0062	U	< 0.0094	U	0.191		0.203		< 0.015	U	< 0.0096	U		
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	< 0.012	UJ	< 0.011	UJ	< 0.017	UJ	0.0736	J	0.159	J	< 0.028	UJ	< 0.018	UJ		
EF-64	EF-B64-2.5	460271661	460-27166-10	2.5 - 3.0	12.6	10.1	9.6	06/02/2011	Yes	< 0.062	U	< 0.07	U	< 0.054	U	2.7		0.13	J	< 0.019	U	< 0.0063	U		
EF-64	EF-B64-10.5	460271661	460-27166-11	10.5 - 11.0	12.6	2.1	1.6	06/02/2011	Yes	< 0.073	U	< 0.082	U	< 0.064	U	< 0.089	U	< 0.091	U	< 0.022	U	< 0.0075	U		
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	< 0.013	U	< 0.0080	U	< 0.018	U	0.391		< 0.012	U	< 0.01	U	< 0.012	U		
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	< 0.013	U	< 0.0082	U	< 0.018	U	0.29		< 0.012	U	< 0.01	U	< 0.012	U		
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	< 0.059	U	< 0.037	U	< 0.081	U	20.5		1.03		< 0.046	U	< 0.054	U		
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	< 0.065	U	< 0.041	U	< 0.09	U	37.7		2.69		< 0.051	U	< 0.06	U		
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	< 0.012	U	< 0.0073	U	< 0.016	U	40.5		5.28		< 0.0091	U	< 0.011	U		

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Table 1C
Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	HEXACHLOROCYCLO PENTADIENE 77-47-4 mg/kg 45		HEXACHLORO ETHANE 67-72-1 mg/kg 12		INDENO(1,2,3-CD) PYRENE 193-39-5 mg/kg 5		NAPHTHALENE 91-20-3 mg/kg 6		NITROBENZENE 98-95-3 mg/kg 5		N-NITROSO-DI-N- PROPYLAMINE 621-64-7 mg/kg 0.2		N-NITROSO DIPHENYLAMINE 86-30-6 mg/kg 99	
										Result	Qualifier	Result	Qualifier	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					< 0.024	U	< 0.022	U						
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					< 0.028	U	< 0.025	U						
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					< 0.027	U	< 0.024	U						
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					< 0.026	U	< 0.023	U						
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					< 0.025	U	< 0.022	U						
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					< 0.024	U	< 0.022	U						
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	< 0.23	U	< 0.013	U	3.7		0.24	J	< 0.018	U	< 0.01	U	< 0.13	U
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	< 0.12	U	< 0.0067	U	2.9		0.074	J	< 0.0088	U	< 0.0052	U	< 0.064	U
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	< 0.028	U	< 0.035	U	0.372		0.0357	J	< 0.028	U	< 0.021	U	< 0.026	U
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	< 0.016	U	< 0.02	U	0.114		0.0263	J	< 0.015	U	< 0.012	U	< 0.015	U
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	< 0.014	U	< 0.017	U	< 0.017	U	< 0.0099	U	< 0.014	U	< 0.01	U	< 0.013	U
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	< 0.016	U	< 0.02	U	1.7		0.475		< 0.016	U	< 0.012	U	< 0.015	U
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	< 0.016	U	< 0.019	U	< 0.018	U	< 0.011	U	< 0.015	U	< 0.011	U	< 0.014	U
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	< 0.019	U	< 0.023	U	0.0240	J	0.163		< 0.018	U	< 0.013	U	< 0.017	U
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	< 0.023	U	< 0.028	U	< 0.027	U	0.155		< 0.022	U	< 0.016	U	< 0.021	U
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	< 0.015	U	< 0.019	U	< 0.018	U	< 0.011	U	< 0.014	U	< 0.011	U	< 0.014	U
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	< 0.015	U	< 0.018	U	< 0.017	U	< 0.01	U	< 0.014	U	< 0.011	U	< 0.013	U
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	< 0.015	U	< 0.019	U	< 0.018	U	< 0.011	U	< 0.015	U	< 0.011	U	< 0.014	U
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	< 0.057	UJ	< 0.071	UJ	< 0.067	UJ	< 0.04	UJ	< 0.055	UJ	< 0.041	UJ	< 0.052	UJ
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	< 0.014	U	< 0.018	U	2.04		0.484		< 0.014	U	< 0.011	U	< 0.013	U
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	< 0.016	U	< 0.02	U	1.94	J	0.791		< 0.015	U	< 0.011	U	< 0.015	U
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	< 0.02	U	< 0.025	U	0.919		0.409		< 0.019	U	< 0.014	U	< 0.018	U
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	< 0.081	UJ	< 0.1	UJ	8.99	J	41.2	J	< 0.078	UJ	< 0.059	UJ	< 0.074	UJ
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	< 0.32	U	< 0.4	U	32.2		551		< 0.31	U	< 0.24	U	< 0.3	U
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	< 0.079	UJ	< 0.098	UJ	0.664	J	5.76	J	< 0.076	UJ	< 0.057	UJ	< 0.072	UJ
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	< 0.015	U	< 0.019	U	0.0196	J	0.0309	J	< 0.015	U	< 0.011	U	< 0.014	U
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	< 0.028	UJ	< 0.034	UJ	< 0.032	UJ	0.561	J	< 0.027	UJ	< 0.02	UJ	< 0.025	UJ
EF-64	EF-B64-2.5	460271661	460-27166-10	2.5 - 3.0	12.6	10.1	9.6	06/02/2011	Yes	< 0.13	U	< 0.0077	U	0.83		< 0.067	U	< 0.01	U	< 0.0060	U	< 0.075	U
EF-64	EF-B64-10.5	460271661	460-27166-11	10.5 - 11.0	12.6	2.1	1.6	06/02/2011	Yes	< 0.16	U	< 0.0091	U	< 0.0086	U	< 0.079	U	< 0.012	U	< 0.0071	U	< 0.088	U
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	< 0.037	U	< 0.01	U	0.107		< 0.0098	U	< 0.01	U	< 0.0088	U	< 0.021	U
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	< 0.038	U	< 0.01	U	0.139		< 0.01	U	< 0.011	U	< 0.0090	U	< 0.022	U
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	< 0.17	U	< 0.046	U	8.13		0.135	J	< 0.048	U	< 0.041	U	< 0.1	U
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	< 0.19	U	< 0.051	U	11.5		0.5		< 0.053	U	< 0.045	U	< 0.11	U
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	< 0.034	U	< 0.0091	U	7.73		0.806		< 0.0095	U	< 0.0080	U	< 0.02	U

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Table 1C
Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS	P-CHLOROANILINE 106-47-8 mg/kg		PENTACHLORO PHENOL 87-86-5 mg/kg 0.9		PHENANTHRENE 85-01-8 mg/kg 300000		PHENOL 108-95-2 mg/kg 18000		P-NITROANILINE 100-01-6 mg/kg		PYRENE 129-00-0 mg/kg 1700		
											Result	Qualifier	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					0.0619	J							0.0873	J
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					< 0.019	U							< 0.015	U
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					< 0.019	U							< 0.015	U
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					< 0.018	U							< 0.014	U
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					< 0.017	U							< 0.013	U
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					< 0.017	U							< 0.013	U
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	< 0.098	U	< 0.38	U	1.5		< 0.096	U	< 0.16	U			1.8	
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	< 0.05	U	< 0.19	U	0.89		0.05	J	< 0.082	U			1.6	
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	< 0.026	U	< 0.067	U	0.436		< 0.037	U	< 0.019	U			1.07	
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	< 0.014	U	< 0.037	U	0.561		< 0.021	U	< 0.01	U			0.661	
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	< 0.013	U	< 0.033	U	< 0.012	U	< 0.018	U	< 0.0091	U			< 0.011	U
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	< 0.015	U	< 0.038	U	13.9		0.112		< 0.01	U			13.3	
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	< 0.014	U	< 0.037	U	0.0276	J	< 0.021	U	< 0.01	U			0.0211	J
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	< 0.017	U	< 0.044	U	0.181		< 0.024	U	< 0.012	U			0.101	
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	< 0.02	U	< 0.053	U	0.183		< 0.03	U	< 0.015	U			0.0799	
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	< 0.013	U	< 0.035	U	< 0.013	U	< 0.02	U	< 0.0097	U			< 0.012	U
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	< 0.013	U	< 0.035	U	< 0.012	U	< 0.019	U	< 0.0095	U			< 0.012	U
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	< 0.014	U	< 0.035	U	< 0.013	U	< 0.02	U	< 0.0097	U			< 0.012	U
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	< 0.051	UJ	< 0.13	UJ	< 0.048	UJ	< 0.075	UJ	< 0.037	UJ			< 0.046	UJ
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	< 0.013	U	< 0.034	U	1.73		< 0.019	U	< 0.0094	U			4.68	
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	< 0.014	U	< 0.037	U	6.18	J	< 0.021	U	< 0.01	U			7.14	J
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	< 0.018	U	< 0.047	U	4.81		< 0.026	U	< 0.013	U			6.42	
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	< 0.073	UJ	< 0.19	UJ	321	J	< 0.11	UJ	< 0.052	UJ			140	J
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	< 0.29	U	< 0.76	U	1380		< 0.42	U	< 0.21	U			469	
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	< 0.071	UJ	< 0.19	UJ	65.6	J	< 0.1	UJ	< 0.051	UJ			18.8	J
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	< 0.014	U	< 0.035	U	0.784		< 0.02	U	< 0.0098	U			0.339	
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	< 0.025	UJ	< 0.065	UJ	0.277	J	0.131	J	< 0.018	UJ			0.1	J
EF-64	EF-B64-2.5	460271661	460-27166-10	2.5 - 3.0	12.6	10.1	9.6	06/02/2011	Yes	< 0.058	U	< 0.22	U	2.2		< 0.056	U	< 0.094	U			2.3	
EF-64	EF-B64-10.5	460271661	460-27166-11	10.5 - 11.0	12.6	2.1	1.6	06/02/2011	Yes	< 0.068	U	< 0.26	U	< 0.094	U	< 0.066	U	< 0.11	U			< 0.093	U
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	< 0.012	U	< 0.062	U	0.191		< 0.038	U	< 0.014	U			0.37	
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	< 0.012	U	< 0.063	U	0.108		< 0.039	U	< 0.014	U			0.32	
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	< 0.053	U	< 0.29	U	10.3		< 0.18	U	< 0.065	U			23.1	
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	< 0.059	U	< 0.32	U	18.2		< 0.19	U	< 0.072	U			38.9	
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	< 0.011	U	< 0.056	U	37.4		< 0.034	U	< 0.013	U			40	

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Table 1C
Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey

Notes:

J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

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 Abstracts Service Registry Number

ft - feet or foot

mg/kg - milligrams per kilogram

MSSRS - NJDEP Most Stringent Soil Remediation Standard

NAVD88 - North American Vertical Datum of 1988

NJDEP - New Jersey Department of Environmental Protection

SDG - Sample Delivery Group

SVOC - semi-volatile organic compound

Table 1D
Validated PCBs Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS		PCB 1016 12674-11-2 mg/kg 0.2		PCB 1221 11104-28-2 mg/kg 0.2		PCB 1232 11141-16-5 mg/kg 0.2		PCB 1242 53469-21-9 mg/kg 0.2		PCB 1248 12672-29-6 mg/kg 0.2		PCB 1254 11097-69-1 mg/kg 0.2		PCB 1260 11096-82-5 mg/kg 0.2		PCB 1262 37324-23-5 mg/kg 0.2		PCB 1268 11100-14-4 mg/kg 0.2	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
133-EE23A-PB	133-EE23A-PB-3.5-4.0	JC15148	JC15148-1A	3.5 - 4.0	9.5	6	5.5	03/01/2016	Yes	< 0.015	U	< 0.037	U	< 0.019	U	< 0.017	U	< 0.014	U	< 0.026	U	< 0.012	U	< 0.016	U	< 0.012	U	< 0.012	U
133RI-EE23A-SW-N1	133RI-EE23A-SW-N-1.0-1.5	JC15330	JC15330-1A	1.0 - 1.5	9.5	8.5	8	03/03/2016	Yes	< 0.011	U	< 0.027	U	< 0.014	U	< 0.012	U	< 0.0098	U	< 0.019	U	< 0.0090	U	< 0.011	U	< 0.0083	U	< 0.0083	U
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	< 0.076	U	< 0.12	U	< 0.23	U	< 0.075	U	4.9	U	< 0.14	U	< 0.044	U	< 0.068	U	< 0.068	U	< 0.068	U
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	< 0.015	U	< 0.024	U	< 0.045	U	< 0.015	U	< 0.021	U	< 0.027	U	< 0.0089	U	< 0.014	U	< 0.014	U	< 0.014	U
143-P3A-E15A	143-P3A-E15A-2.0-2.5	JB38363	JB38363-3	2.0 - 2.5	12.6	10.6	10.1	05/30/2013	Yes	< 0.011	U	< 0.026	U	< 0.022	U	< 0.014	U	< 0.013	U	< 0.02	U	< 0.014	U	< 0.014	U	< 0.013	U	< 0.013	U
143-P3A-E15A	143-P3A-E15A-4.0-4.5	JB38363	JB38363-4	4.0 - 4.5	12.6	8.6	8.1	05/30/2013	Yes	< 0.01	U	< 0.024	U	< 0.02	U	< 0.013	U	< 0.012	U	< 0.018	U	< 0.013	U	< 0.013	U	< 0.013	U	< 0.012	U
143-P3A-E15A	143-P3A-E15A-4.0-4.5X	JB38363	JB38363-5	4.0 - 4.5	12.6	8.6	8.1	05/30/2013	Yes	< 0.0093	U	< 0.021	U	< 0.018	U	< 0.011	U	< 0.011	U	< 0.017	U	< 0.012	U	< 0.011	U	< 0.011	U	< 0.01	U
143-P3A-E15A	143-P3A-E15A-5.0-5.5	JB33735	JB33735-11	5.0 - 5.5	12.6	7.6	7.1	04/09/2013	Yes	< 0.0098	U	< 0.023	U	< 0.019	U	< 0.012	U	< 0.012	U	< 0.018	U	< 0.012	U	< 0.012	U	< 0.012	U	< 0.011	U
143-P3A-E15A	143-P3A-E15A-7.0-7.5	JB33735	JB33735-10	7.0 - 7.5	12.6	5.6	5.1	04/09/2013	Yes	< 0.01	U	< 0.023	U	< 0.02	U	< 0.012	U	< 0.012	U	< 0.018	U	< 0.013	U	< 0.012	U	< 0.012	U	< 0.011	U
143-P3A-E15A	143-P3A-E15A-9.0-9.5	JB33735	JB33735-9	9.0 - 9.5	12.6	3.6	3.1	04/09/2013	Yes	< 0.012	U	< 0.027	U	< 0.023	U	< 0.014	U	< 0.014	U	< 0.021	U	< 0.015	U	< 0.014	U	< 0.014	U	< 0.013	U
143-P3A-E15A	143-P3A-E15A-9.0-9.5X	JB33735	JB33735-8	9.0 - 9.5	12.6	3.6	3.1	04/09/2013	Yes	< 0.011	U	< 0.026	U	< 0.022	U	< 0.014	U	< 0.013	U	< 0.02	U	< 0.014	U	< 0.014	U	< 0.014	U	< 0.013	U
143-P3A-E15A	143-P3A-E15A-11.0-11.5	JB33735	JB33735-7	11.0 - 11.5	12.6	1.6	1.1	04/09/2013	Yes	< 0.01	U	< 0.024	U	< 0.02	U	< 0.013	U	< 0.012	U	< 0.019	U	< 0.013	U	< 0.013	U	< 0.013	U	< 0.012	U
143-P3A-E15A	143-P3A-E15A-13.0-13.5	JB33735	JB33735-6	13.0 - 13.5	12.6	-0.4	-0.9	04/09/2013	Yes	< 0.011	U	< 0.025	U	< 0.021	U	< 0.013	U	< 0.013	U	< 0.02	U	< 0.014	U	< 0.013	U	< 0.013	U	< 0.012	U
143-P3A-E15A	143-P3A-E15A-14.1-14.6	JB33735	JB33735-5	14.1 - 14.6	12.6	-1.5	-2	04/09/2013	Yes	< 0.013	U	< 0.03	U	< 0.025	U	< 0.016	U	< 0.015	U	< 0.023	U	< 0.016	U	< 0.016	U	< 0.016	U	< 0.014	U
143-P3A-E15A	143-P3A-E15A-14.6-15.1	JB33735	JB33735-4	14.6 - 15.1	12.6	-2	-2.5	04/09/2013	Yes	< 0.024	UJ	< 0.056	UJ	< 0.047	UJ	< 0.03	UJ	< 0.028	UJ	< 0.044	UJ	< 0.031	UJ	< 0.03	UJ	< 0.03	UJ	< 0.028	UJ

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Table 1D
Validated PCBs Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey

Notes:

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 Abstracts Service Registry Number

ft - feet or foot

mg/kg - milligrams per kilogram

MSSRS - NJDEP Most Stringent Soil Remediation Standard

NAVD88 - North American Vertical Datum of 1988

NJDEP - New Jersey Department of Environmental Protection

PCB - polychlorinated biphenyl

SDG - Sample Delivery Group

**Table 1E
Validated EPH Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey**

										Analyte CAS RN Units MSSRS	C10-C12 Aromatics AROC10C12 mg/kg		C12-C16 Aliphatics ALPC12C16 mg/kg		C12-C16 Aromatics AROC12C16 mg/kg		C16-C21 Aliphatics ALPC16C21 mg/kg		C16-C21 Aromatics AROC16C21 mg/kg		C21-C36 Aromatics AROC21C36 mg/kg		C21-C40 Aliphatics ALPC21C40 mg/kg	
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	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
133-EE23A-PB	133-EE23A-PB-3.5-4.0	JC15148	JC15148-1	3.5 - 4.0	9.5	6	5.5	03/01/2016	Yes	< 0.55	U	< 0.35	U	< 0.50	U	11.4		157	J	254	J	107		
133RI-EE23A-SW-N1	133RI-EE23A-SW-N-1.0-1.5	JC15330	JC15330-1	1.0 - 1.5	9.5	8.5	8	03/03/2016	Yes	< 0.39	U	< 0.25	U	< 0.35	U	< 0.48	U	< 0.71	U	< 0.85	U	110		
143-RI-C15A-PB	143-RI-C15A-PB-6.0-6.5	JC55251	JC55251-1	6.0 - 6.5	12.7	6.7	6.2	11/10/2017	Yes	< 0.073	U	< 0.12	U	< 0.17	U	< 2.3	U	< 0.31	U	< 0.43	U	< 0.77	U	

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**Table 1E
Validated EPH Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey**

										Analyte CAS RN Units MSSRS	C9-C12 Aliphatics ALPC9C12 mg/kg	Total Aliphatics TALIPHATICS mg/kg	Total Aromatics TAROMATICS mg/kg	Total EPH TEPH mg/kg			
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	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
133-EE23A-PB	133-EE23A-PB-3.5-4.0	JC15148	JC15148-1	3.5 - 4.0	9.5	6	5.5	03/01/2016	Yes	< 0.45	U	118		411	J	529	J
133RI-EE23A-SW-N1	133RI-EE23A-SW-N-1.0-1.5	JC15330	JC15330-1	1.0 - 1.5	9.5	8.5	8	03/03/2016	Yes	< 0.32	U	110		< 0.35	U	110	
143-RI-C15A-PB	143-RI-C15A-PB-6.0-6.5	JC55251	JC55251-1	6.0 - 6.5	12.7	6.7	6.2	11/10/2017	Yes	< 0.13	U	< 0.12	U	< 0.073	U	< 0.073	U

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Table 1E
Validated EPH Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey

Notes:

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

J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

bgs - below ground surface

CAS RN - Chemical Abstracts Service Registry Number

EPH - Extractable Petroleum Hydrocarbons

ft - feet or foot

mg/kg - milligrams per kilogram

MSSRS - NJDEP Most Stringent Soil Remediation Standard

NAVD88 - North American Vertical Datum of 1988

NJDEP - New Jersey Department of Environmental Protection

SDG - Sample Delivery Group

**Table 1F
Validated Herbicides Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey**

										Analyte CAS RN Units MSSRS	2,4,5-T 93-76-5 mg/kg		2,4,5-TP (SILVEX) 93-72-1 mg/kg		2,4-D 94-75-7 mg/kg	
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	Result	Qualifier	Result	Qualifier	Result	Qualifier	
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	< 0.0040	U	< 0.0022	U	< 0.0026	U	
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	< 0.0041	U	< 0.0022	U	< 0.0026	U	

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Table 1F
Validated Herbicides Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey

Notes:

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

bgs - below ground surface

CAS RN - Chemical Abstracts Service Registry Number

ft - feet or foot

mg/kg - milligrams per kilogram

MSSRS - NJDEP Most Stringent Soil Remediation Standard

NAVD88 - North American Vertical Datum of 1988

NJDEP - New Jersey Department of Environmental Protection

SDG - Sample Delivery Group

**Table 1G
Validated Pesticides Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey**

										Analyte CAS RN Units MSSRS	4,4'-DDD 72-54-8 mg/kg 3	4,4'-DDE 72-55-9 mg/kg 2	4,4'-DDT 50-29-3 mg/kg 2	ALDRIN 309-00-2 mg/kg 0.04	ALPHA-BHC 319-84-6 mg/kg 0.1	BETA-BHC 319-85-7 mg/kg 0.4	CHLORDANE 57-74-9 mg/kg 0.2	DELTA-BHC 319-86-8 mg/kg	DIELDRIN 60-57-1 mg/kg 0.04	ENDOSULFAN SULFATE 1031-07-8 mg/kg 470									
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	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier				
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	< 0.00095	U	0.062		0.064		< 0.0017	U	< 0.0015	U	< 0.0011	U	< 0.017	U	< 0.0012	U	0.022		< 0.0010	U
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	< 0.00095	U	< 0.0016	U	< 0.0010	U	< 0.0018	U	< 0.0015	U	< 0.0011	U	< 0.017	U	< 0.0012	U	< 0.0015	U	< 0.0010	U

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**Table 1G
Validated Pesticides Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	ENDOSULFAN-I	ENDOSULFAN-II	ENDRIN	ENDRIN ALDEHYDE	ENDRIN KETONE	GAMMA-BHC (LINDANE)	HEPTACHLOR	HEPTACHLOR EPOXIDE	METHOXYCHLOR	TOXAPHENE									
										CAS RN	959-98-8	33213-65-9	72-20-8	7421-93-4	53494-70-5	58-89-9	76-44-8	1024-57-3	72-43-5	8001-35-2	Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
										MSSRS	470	470	23			0.4	0.1	0.07	390	0.6									
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier						
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	< 0.0017	U	< 0.0012	U	< 0.0011	U	< 0.0020	U	< 0.0012	U	0.019		0.034		0.094		< 0.00089	U	< 0.017	U
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	< 0.0017	U	< 0.0012	U	< 0.0011	U	< 0.0020	U	< 0.0012	U	< 0.00093	U	< 0.0011	U	< 0.0016	U	< 0.00090	U	< 0.017	U

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Table 1G
Validated Pesticides Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey

Notes:

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

bgs - below ground surface

CAS RN - Chemical Abstracts Service Registry Number

ft - feet or foot

mg/kg - milligrams per kilogram

MSSRS - NJDEP Most Stringent Soil Remediation Standard

NAVD88 - North American Vertical Datum of 1988

NJDEP - New Jersey Department of Environmental Protection

SDG - Sample Delivery Group

**Table 2A
Non-Validated non-CCPW Metals Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS		ALUMINUM 7429-90-5 mg/kg 78000		ARSENIC 7440-38-2 mg/kg 19		BARIUM 7440-39-3 mg/kg 16000		BERYLLIUM 7440-41-7 mg/kg 16		CADMIUM 7440-43-9 mg/kg 78		CALCIUM METAL 7440-70-2 mg/kg		COBALT 7440-48-4 mg/kg 590		COPPER 7440-50-8 mg/kg 3100	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	13200		5.7		71.4		0.3	B	< 0.14	U	2300		5.7	B	22.6			
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	7530		< 0.8	U	122		0.46	B	< 0.1	U	427	B	4.4	B	13.1			
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	1680		< 0.74	U	16.2	B	0.37	B	< 0.093	U	956	B	1.2	B	3.9	B		
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	1360		< 0.77	U	12.5	B	0.41	B	< 0.097	U	655	B	1.3	B	4.3	B		
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	1530		< 0.78	U	12.7	B	0.28	B	< 0.097	U	8240		1.6	B	5	B		
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	8450		5.3		61.6		0.77		< 0.099	U	1970		5.1	B	36.1			
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	1550		< 0.79	U	11.5	B	0.26	B	< 0.099	U	648	B	1.4	B	4.3	B		
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	1690		< 0.82	U	14.9	B	0.36	B	< 0.1	U	9030		1.8	B	4.8	B		
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	1650		< 0.78	U	9.8	B	0.32	B	< 0.097	U	8580		1.8	B	6.3			

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**Table 2A
Non-Validated non-CCPW Metals Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS	CYANIDE 57-12-5 mg/kg 47		Cyanide, Amenable 57-12-5A mg/kg		IRON 7439-89-6 mg/kg		LEAD 7439-92-1 mg/kg 400		MAGNESIUM 7439-95-4 mg/kg		MANGANESE 7439-96-5 mg/kg 5900		MERCURY 7439-97-6 mg/kg 23		POTASSIUM 7440-09-7 mg/kg	
											Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No		< 0.5	U	< 0.5	U	32900		96.2		3880		179		0.05	B	3680	
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No		< 0.5	U	< 0.5	U	11200		7.3		2340		85.8		0.02	B	1080	B
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No		< 0.5	U	< 0.5	U	5470		3.6		941	B	29.1		< 0.018	U	576	B
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No		< 0.5	U	< 0.5	U	4370		3.6		833	B	25		< 0.02	U	458	B
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No		< 0.5	U	< 0.5	U	4680		3.9		1540		174		< 0.02	U	483	B
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No		< 0.5	U	< 0.5	U	13900		73		2800		384		0.33		1080	B
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No		< 0.5	U	< 0.5	U	4480		3.3		890	B	26.3		< 0.021	U	495	B
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No		< 0.5	U	< 0.5	U	4780		3.8		1610		190		< 0.021	U	467	B
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No		< 0.5	U	< 0.5	U	4860		3.9		1540		162		< 0.02	U	455	B

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**Table 2A
Non-Validated non-CCPW Metals Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS	SELENIUM 7782-49-2 mg/kg 390		SILVER 7440-22-4 mg/kg 390		SODIUM 7440-23-5 mg/kg		ZINC 7440-66-6 mg/kg 23000	
											Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 1.5	U	< 0.49	U	3330		84.3		
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 1	U	< 0.35	U	1420		48.1		
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.97	U	< 0.32	U	730	B	15.4		
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 1	U	< 0.34	U	674	B	16.2		
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 1	U	< 0.34	U	968	B	20.7		
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 1	U	< 0.35	U	707	B	339		
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 1	U	< 0.35	U	581	B	17		
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 1.1	U	< 0.36	U	880	B	16.3		
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 1	U	< 0.34	U	894	B	18.9		

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Table 2A
Non-Validated non-CCPW Metals Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey

Notes:

B - The result is qualified due to potential laboratory blank contamination.
U - Indicates the analyte was not detected in the sample above the sample reporting limit.
bgs - below ground surface
Blank cell - Indicates analyte was not analyzed
Bolded value - Indicates exceedance of MSSRS
CAS RN - Chemical Abstracts Service Registry Number
CCPW - Chromate Chemical Production Waste
ft - feet or foot
mg/kg - milligrams per kilogram
MSSRS - NJDEP Most Stringent Soil Remediation Standard
NAVD88 - North American Vertical Datum of 1988
NJDEP - New Jersey Department of Environmental Protection
SDG - Sample Delivery Group

**Table 2B
Non-Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	1,1,1-	1,1,2,2-	1,1,2-	1,1-DICHLOROETHANE	1,1-	1,2-DICHLOROETHANE	1,2-DICHLOROPROPANE						
										CAS RN Units MSSRS	TRICHLOROETHANE 71-55-6 mg/kg 160000	TETRACHLOROETHANE 79-34-5 mg/kg 1	TRICHLOROETHANE 79-00-5 mg/kg 2	75-34-3 mg/kg 8	DICHLOROETHYLENE 75-35-4 mg/kg 11	107-06-2 mg/kg 0.9	78-87-5 mg/kg 2						
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.01	U	< 0.0021	U	< 0.0063	U	< 0.01	U	< 0.0042	U	< 0.0042	U	< 0.0021	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.0052	U	< 0.001	U	< 0.0031	U	< 0.0052	U	< 0.0021	U	< 0.0021	U	< 0.001	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.68	U	< 0.14	U	< 0.41	U	< 0.68	U	< 0.27	U	< 0.27	U	< 0.14	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.52	U	< 0.1	U	< 0.31	U	< 0.52	U	< 0.21	U	< 0.21	U	< 0.1	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.0062	U	< 0.0012	U	< 0.0037	U	< 0.0062	U	< 0.0025	U	< 0.0025	U	< 0.0012	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.0068	U	< 0.0014	U	< 0.0041	U	< 0.0068	U	< 0.0027	U	< 0.0027	U	< 0.0014	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.54	U	< 0.11	U	< 0.32	U	< 0.54	U	< 0.22	U	< 0.22	U	< 0.11	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.0075	U	< 0.0015	U	< 0.0045	U	< 0.0075	U	< 0.003	U	< 0.003	U	< 0.0015	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.0055	U	< 0.0011	U	< 0.0033	U	< 0.0055	U	< 0.0022	U	< 0.0022	U	< 0.0011	U

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**Table 2B
Non-Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	2-BUTANONE (MEK) 78-93-3 mg/kg 3100		4-METHYL-2- PENTANONE (MIBK) 108-10-1 mg/kg		ACETONE 67-64-1 mg/kg 70000		BENZENE 71-43-2 mg/kg 2		BROMODICHLORO METHANE 75-27-4 mg/kg 1		BROMOMETHANE 74-83-9 mg/kg 25		CARBON DISULFIDE 75-15-0 mg/kg 7800	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.01	U	< 0.01	U	0.12	U	< 0.0021	U	< 0.0021	U	< 0.01	U	0.017	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.0052	U	< 0.0052	U	< 0.0052	U	0.14	U	< 0.001	U	< 0.0052	U	0.0026	J
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.68	U	< 0.68	U	< 0.68	U	0.87	U	< 0.14	U	< 0.68	U	< 0.68	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.52	U	< 0.52	U	< 0.52	U	< 0.1	U	< 0.1	U	< 0.52	U	< 0.52	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.0062	U	< 0.0062	U	< 0.0062	U	< 0.0012	U	< 0.0012	U	< 0.0012	U	0.0008	J
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.0068	U	< 0.0068	U	0.089	U	< 0.0014	U	< 0.0014	U	< 0.0068	U	0.002	J
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.54	U	< 0.54	U	< 0.54	U	1.3	U	< 0.11	U	< 0.54	U	< 0.54	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.0075	U	< 0.0075	U	< 0.0075	U	< 0.0015	U	< 0.0015	U	< 0.0075	U	0.0014	J
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.0055	U	< 0.0055	U	0.038	U	< 0.0011	U	< 0.0011	U	< 0.0055	U	0.0005	J

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**Table 2B
Non-Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	CARBON	CHLOROBENZENE	CHLORODIBROMO	CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-
										CAS RN	TETRACHLORIDE	108-90-7	METHANE	75-00-3	67-66-3	74-87-3	DICHLOROETHENE
									Units	56-23-5	mg/kg	510	124-48-1	mg/kg	220	0.6	156-59-2
									MSSRS	2		3			4	230	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.0042	U	< 0.01	U	< 0.01	U	< 0.01	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.0021	U	< 0.0052	U	< 0.0052	U	< 0.0052	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.27	U	< 0.68	U	< 0.68	U	< 0.68	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.21	U	< 0.52	U	< 0.52	U	< 0.52	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.0025	U	< 0.0062	U	< 0.0062	U	< 0.0062	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.0027	U	< 0.0068	U	< 0.0068	U	< 0.0068	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.22	U	< 0.54	U	< 0.54	U	< 0.54	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.003	U	< 0.0075	U	< 0.0075	U	< 0.0075	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.0022	U	< 0.0055	U	< 0.0055	U	< 0.0055	U

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**Table 2B
Non-Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	CIS-1,3- DICHLOROPROPENE 10061-01-5 mg/kg 2		DICHLOROMETHANE 75-09-2 mg/kg 46		ETHYLBENZENE 100-41-4 mg/kg 7800		METHYL N-BUTYL KETONE 591-78-6 mg/kg		STYRENE (MONOMER) 100-42-5 mg/kg 90		TETRACHLOROETHENE 127-18-4 mg/kg 43		TOLUENE 108-88-3 mg/kg 6300	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.01	U	< 0.0063	U	< 0.0084	U	< 0.01	U	< 0.01	U	< 0.0021	U	< 0.01	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.0052	U	< 0.0031	U	0.0098	U	< 0.0052	U	< 0.0052	U	< 0.001	U	0.0024	J
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.68	U	< 0.41	U	0.16	J	< 0.68	U	< 0.68	U	< 0.14	U	0.18	J
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.52	U	< 0.31	U	< 0.41	U	< 0.52	U	< 0.52	U	< 0.1	U	< 0.52	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.0062	U	< 0.0037	U	< 0.005	U	< 0.0062	U	< 0.0062	U	< 0.0012	U	< 0.0062	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.0068	U	< 0.0041	U	< 0.0054	U	< 0.0068	U	< 0.0068	U	< 0.0014	U	< 0.0068	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.54	U	< 0.32	U	0.12	J	< 0.54	U	< 0.54	U	< 0.11	U	0.24	J
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.0075	U	< 0.0045	U	< 0.006	U	< 0.0075	U	< 0.0075	U	< 0.0015	U	< 0.0075	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.0055	U	< 0.0033	U	< 0.0044	U	< 0.0055	U	< 0.0055	U	< 0.0011	U	< 0.0055	U

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Table 2B
Non-Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	TRANS-1,2- DICHLOROETHENE 156-60-5 mg/kg 300		TRANS-1,3- DICHLOROPROPENE 10061-02-6 mg/kg 2		TRIBROMOMETHANE 75-25-2 mg/kg 81		TRICHLOROETHYLENE 79-01-6 mg/kg 3		VINYL CHLORIDE 75-01-4 mg/kg 0.7		XYLENES 1330-20-7 mg/kg 12000	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.01	U	< 0.01	U	< 0.0084	U	< 0.0021	U	< 0.01	U	< 0.01	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.0052	U	< 0.0052	U	< 0.0042	U	< 0.001	U	< 0.0052	U	0.0096	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.68	U	< 0.68	U	< 0.54	U	< 0.14	U	< 0.68	U	0.1	J
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.52	U	< 0.52	U	< 0.41	U	< 0.1	U	< 0.52	U	< 0.52	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.0062	U	< 0.0062	U	< 0.005	U	< 0.0012	U	< 0.0062	U	< 0.0062	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.0068	U	< 0.0068	U	< 0.0054	U	< 0.0014	U	< 0.0068	U	< 0.0068	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.54	U	< 0.54	U	< 0.43	U	< 0.11	U	< 0.54	U	0.22	J
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.0075	U	< 0.0075	U	< 0.006	U	< 0.0015	U	< 0.0075	U	< 0.0075	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.0055	U	< 0.0055	U	< 0.0044	U	< 0.0011	U	< 0.0055	U	< 0.0055	U

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Table 2B
Non-Validated VOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey

Notes:

J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

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

bgs - below ground surface

Blank cell - Indicates analyte was not analyzed

Bolded value - Indicates exceedance of MSSRS

CAS RN - Chemical Abstracts Service Registry Number

ft - feet or foot

mg/kg - milligrams per kilogram

MSSRS - NJDEP Most Stringent Soil Remediation Standard

NAVD88 - North American Vertical Datum of 1988

NJDEP - New Jersey Department of Environmental Protection

SDG - Sample Delivery Group

VOC - volatile organic compound

Table 2C
Non-Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE	1,4-DICHLOROBENZENE	2,2'-OXYBIS(1-CHLOROPROPANE)	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL
										CAS RN	120-82-1 mg/kg 73	95-50-1 mg/kg 5300	106-46-7 mg/kg 5	108-60-1 mg/kg 23	95-95-4 mg/kg 6100	88-06-2 mg/kg 19	120-83-2 mg/kg 180
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.058	U	< 0.58	U	< 0.58	U	< 0.58	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.042	U	< 0.42	U	< 0.42	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.042	U	< 0.42	U	< 0.42	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.04	U	< 0.4	U	< 0.4	U	< 0.4	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.04	U	< 0.4	U	< 0.4	U	< 0.4	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.041	U	< 0.41	U	< 0.41	U	< 0.41	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.041	U	< 0.41	U	< 0.41	U	< 0.41	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.043	U	< 0.43	U	< 0.43	U	< 0.43	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.04	U	< 0.4	U	< 0.4	U	< 0.4	U

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Non-Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
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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	Analyte CAS RN Units MSSRS		2,4-DIMETHYLPHENOL 105-67-9 mg/kg 1200		2,4-DINITROPHENOL 51-28-5 mg/kg 120		2,4-DINITROTOLUENE 121-14-2 mg/kg 0.7		2,6-DINITROTOLUENE 606-20-2 mg/kg 0.7		2- CHLORONAPHTHALENE 91-58-7 mg/kg		2-CHLOROPHENOL 95-57-8 mg/kg 310		2- METHYLNAPHTHALENE 91-57-6 mg/kg 230			
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.58	U	< 1.7	U	< 0.12	U	< 0.12	U	< 0.58	U	< 0.58	U	< 0.58	U	< 0.58	U	< 0.58	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.42	U	< 1.2	U	< 0.083	U	< 0.083	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.42	U	< 1.3	U	< 0.085	U	< 0.085	U	< 0.42	U	< 0.42	U	< 0.42	U	0.0085	J	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.4	U	< 1.2	U	< 0.08	U	< 0.08	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.4	U	< 1.2	U	< 0.081	U	< 0.081	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.41	U	< 1.2	U	< 0.082	U	< 0.082	U	< 0.41	U	< 0.41	U	< 0.41	U	0.023	J	< 0.41	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.41	U	< 1.2	U	< 0.083	U	< 0.083	U	< 0.41	U	< 0.41	U	< 0.41	U	0.014	J	< 0.41	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.43	U	< 1.3	U	< 0.086	U	< 0.086	U	< 0.43	U	< 0.43	U	< 0.43	U	< 0.43	U	< 0.43	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.4	U	< 1.2	U	< 0.081	U	< 0.081	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U

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Non-Validated SVOC Sample Results Summary
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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	Analyte CAS RN Units MSSRS		2-METHYLPHENOL 95-48-7 mg/kg 310		2-NITROANILINE 88-74-4 mg/kg 39		2-NITROPHENOL 88-75-5 mg/kg		3,3'- DICHLOROBENZIDINE 91-94-1 mg/kg 1		3,5,5-TRIMETHYL-2- CYCLOHEXENE-1-ONE 78-59-1 mg/kg 510		3+4-METHYLPHENOL 106-44-5 mg/kg 31		3-NITROANILINE 99-09-2 mg/kg	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.58	U	< 1.2	U	< 0.58	U	< 1.2	U	< 0.58	U	< 0.58	U	< 0.58	U	< 1.2	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.42	U	< 0.83	U	< 0.42	U	< 0.83	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.83	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.42	U	< 0.85	U	< 0.42	U	< 0.85	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.85	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.4	U	< 0.8	U	< 0.4	U	< 0.8	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.8	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.4	U	< 0.81	U	< 0.4	U	< 0.81	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.81	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.41	U	< 0.82	U	< 0.41	U	< 0.82	U	< 0.41	U	0.021	J	< 0.82	U	< 0.82	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.41	U	< 0.83	U	< 0.41	U	< 0.83	U	< 0.41	U	< 0.41	U	< 0.41	U	< 0.83	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.43	U	< 0.86	U	< 0.43	U	< 0.86	U	< 0.43	U	< 0.43	U	< 0.43	U	< 0.86	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.4	U	< 0.81	U	< 0.4	U	< 0.81	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.81	U

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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	4,6-DINITRO-2-METHYLPHENOL 534-52-1 mg/kg 6		4-BROMOPHENYL PHENYL ETHER 101-55-3 mg/kg		4-CHLORO-3-METHYLPHENOL 59-50-7 mg/kg		4-CHLOROPHENYL PHENYL ETHER 7005-72-3 mg/kg		4-NITROPHENOL 100-02-7 mg/kg		ACENAPHTHENE 83-32-9 mg/kg 3400		ACENAPHTHYLENE 208-96-8 mg/kg 300000	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 1.7	U	< 0.58	U	< 0.58	U	< 0.58	U	< 1.7	U	< 0.58	U	< 0.58	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 1.2	U	< 0.42	U	< 0.42	U	< 0.42	U	< 1.2	U	< 0.42	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 1.3	U	< 0.42	U	< 0.42	U	< 0.42	U	< 1.3	U	< 0.42	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 1.2	U	< 0.4	U	< 0.4	U	< 0.4	U	< 1.2	U	< 0.4	U	< 0.4	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 1.2	U	< 0.4	U	< 0.4	U	< 0.4	U	< 1.2	U	< 0.4	U	< 0.4	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 1.2	U	< 0.41	U	< 0.41	U	< 0.41	U	< 1.2	U	0.028	J	0.034	J
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 1.2	U	< 0.41	U	< 0.41	U	< 0.41	U	< 1.2	U	0.0097	J	< 0.41	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 1.3	U	< 0.43	U	< 0.43	U	< 0.43	U	< 1.3	U	< 0.43	U	< 0.43	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 1.2	U	< 0.4	U	< 0.4	U	< 0.4	U	< 1.2	U	< 0.4	U	< 0.4	U

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Table 2C
Non-Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
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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	ANTHRACENE 120-12-7 mg/kg 17000		BENZO(A)ANTHRACENE 56-55-3 mg/kg 5		BENZO(A)PYRENE 50-32-8 mg/kg 0.5		BENZO(B)FLUOR ANTHENE 205-99-2 mg/kg 5		BENZO(G,H,I)PERYLENE 191-24-2 mg/kg 30000		BENZO(K)FLUOR ANTHENE 207-08-9 mg/kg 45		BENZYL BUTYL PHTHALATE 85-68-7 mg/kg 1200	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.58	U	< 0.058	U	< 0.058	U	< 0.058	U	< 0.58	U	< 0.058	U	< 0.58	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.42	U	< 0.042	U	< 0.042	U	< 0.042	U	< 0.42	U	< 0.042	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.42	U	< 0.042	U	< 0.042	U	< 0.042	U	< 0.42	U	< 0.042	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.4	U	< 0.04	U	< 0.04	U	< 0.04	U	< 0.4	U	< 0.04	U	< 0.4	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.4	U	< 0.04	U	< 0.04	U	< 0.04	U	< 0.4	U	< 0.04	U	< 0.4	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	0.065	J	0.16		0.14		0.11		0.079	J	0.12		< 0.41	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.41	U	< 0.041	U	< 0.041	U	< 0.041	U	< 0.41	U	< 0.041	U	< 0.41	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.43	U	< 0.043	U	< 0.043	U	< 0.043	U	< 0.43	U	< 0.043	U	< 0.43	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.4	U	< 0.04	U	< 0.04	U	< 0.04	U	< 0.4	U	< 0.04	U	< 0.4	U

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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	BIS(-2-CHLOROETHOXY) METHANE 111-91-1 mg/kg		BIS(2-CHLOROETHYL)ETHER 111-44-4 mg/kg 0.4		BIS(2-ETHYLHEXYL) PHTHALATE 117-81-7 mg/kg 35		CARBAZOLE 86-74-8 mg/kg 24		CHRYSENE 218-01-9 mg/kg 450		DIBENZO(A,H) ANTHRACENE 53-70-3 mg/kg 0.5		DIBENZOFURAN 132-64-9 mg/kg	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.58	U	< 0.058	U	< 0.58	U	< 0.58	U	0.04	J	< 0.058	U	< 0.58	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.42	U	< 0.042	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.042	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.42	U	< 0.042	U	0.12	J	< 0.42	U	< 0.42	U	< 0.042	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.4	U	< 0.04	U	0.1	J	< 0.4	U	< 0.4	U	< 0.04	U	< 0.4	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.4	U	< 0.04	U	0.26	J	< 0.4	U	< 0.4	U	< 0.04	U	< 0.4	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.41	U	< 0.041	U	1.7	J	0.018	J	0.18	J	< 0.041	U	< 0.41	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.41	U	< 0.041	U	0.096	J	< 0.41	U	< 0.41	U	< 0.041	U	< 0.41	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.43	U	< 0.043	U	0.12	J	< 0.43	U	< 0.43	U	< 0.043	U	< 0.43	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.4	U	< 0.04	U	0.18	J	< 0.4	U	< 0.4	U	< 0.04	U	< 0.4	U

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Non-Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
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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	DIETHYL PHTHALATE 84-66-2 mg/kg 49000		DIMETHYL PHTHALATE 131-11-3 mg/kg		DI-N-BUTYLPHTHALATE 84-74-2 mg/kg 6100		DI-N-OCTYL PHTHALATE 117-84-0 mg/kg 2400		FLUORANTHENE 206-44-0 mg/kg 2300		FLUORENE 86-73-7 mg/kg 2300		HEXACHLORO-1,3- BUTADIENE 87-68-3 mg/kg 6	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.58	U	< 0.58	U	< 0.58	U	< 0.58	U	0.053	J	< 0.58	U	< 0.12	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.42	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.083	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.42	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.42	U	< 0.085	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.08	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.081	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.41	U	< 0.41	U	< 0.41	U	< 0.41	U	0.35	J	0.045	J	< 0.082	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.41	U	< 0.41	U	< 0.41	U	< 0.41	U	< 0.41	U	< 0.41	U	< 0.083	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.43	U	< 0.43	U	< 0.43	U	< 0.43	U	< 0.43	U	< 0.43	U	< 0.086	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.081	U

Notes on last page

Table 2C
Non-Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte CAS RN Units MSSRS		HEXACHLOROBENZENE 118-74-1 mg/kg 0.3		HEXACHLOROCYCLO PENTADIENE 77-47-4 mg/kg 45		HEXACHLOROETHANE 67-72-1 mg/kg 12		INDENO(1,2,3-CD) PYRENE 193-39-5 mg/kg 5		M-DICHLOROBENZENE 541-73-1 mg/kg 5300		NAPHTHALENE 91-20-3 mg/kg 6		NITROBENZENE 98-95-3 mg/kg 5	
										Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.058	U	< 0.58	U	< 0.058	U	< 0.058	U	< 0.58	U	< 0.58	U	< 0.058	U	< 0.058	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.042	U	< 0.42	U	< 0.042	U	< 0.042	U	< 0.42	U	< 0.42	U	0.016	J	< 0.042	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.042	U	< 0.42	U	< 0.042	U	< 0.042	U	< 0.42	U	< 0.42	U	0.049	J	< 0.042	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.04	U	< 0.4	U	< 0.04	U	< 0.04	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.04	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.04	U	< 0.4	U	< 0.04	U	< 0.04	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.04	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.041	U	< 0.41	U	< 0.041	U	0.078		< 0.41	U	< 0.41	U	0.043	J	< 0.041	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.041	U	< 0.41	U	< 0.041	U	< 0.041	U	< 0.41	U	< 0.41	U	0.072	J	< 0.041	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.043	U	< 0.43	U	< 0.043	U	< 0.043	U	< 0.43	U	< 0.43	U	< 0.43	U	< 0.043	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.04	U	< 0.4	U	< 0.04	U	< 0.04	U	< 0.4	U	< 0.4	U	< 0.4	U	< 0.04	U

Notes on last page

Table 2C
Non-Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use 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	Analyte	N-NITROSO-DI-N- PROPYLAMINE	N-NITROSODIPHENYL AMINE	P-CHLOROANILINE	PENTACHLOROPHENOL	PHENANTHRENE	PHENOL	P-NITROANILINE	PYRENE							
										CAS RN	621-64-7 mg/kg 0.2	86-30-6 mg/kg 99	106-47-8 mg/kg	87-86-5 mg/kg 0.9	85-01-8 mg/kg 300000	108-95-2 mg/kg 18000	100-01-6 mg/kg	129-00-0 mg/kg 1700							
PSEG-SB52	NJD981084668-11/22/2006-SB52_8	Z919	786920	8.5 - 9.0	11.1	2.6	2.1	11/22/2006	No	< 0.058	U	< 0.58	U	< 0.58	U	< 1.7	U	0.047	J	< 0.58	U	< 1.2	U	0.064	J
PSEG-SB52	NJD981084668-11/27/2006-SB52_21	A011	787468	21.0 - 21.5	11.1	-9.9	-10.4	11/27/2006	No	< 0.042	U	< 0.42	U	< 0.42	U	< 1.2	U	< 0.42	U	< 0.42	U	< 0.83	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_36	A011	787469	36.3 - 36.8	11.1	-25.2	-25.7	11/27/2006	No	< 0.042	U	< 0.42	U	< 0.42	U	< 1.3	U	< 0.42	U	< 0.42	U	< 0.85	U	< 0.42	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_42	A011	787470	42.9 - 43.4	11.1	-31.8	-32.3	11/27/2006	No	< 0.04	U	< 0.4	U	< 0.4	U	< 1.2	U	< 0.4	U	< 0.4	U	< 0.8	U	< 0.4	U
PSEG-SB52	NJD981084668-11/27/2006-SB52_54	A011	787471	54.5 - 55.0	11.1	-43.4	-43.9	11/27/2006	No	< 0.04	U	< 0.4	U	< 0.4	U	< 1.2	U	< 0.4	U	< 0.4	U	< 0.81	U	< 0.4	U
PSEG-SB54	NJD981084668-11/27/2006-SB54_10	A011	787472	10.0 - 10.5	10.2	0.2	-0.3	11/27/2006	No	< 0.041	U	< 0.41	U	< 0.41	U	< 1.2	U	0.18	J	< 0.41	U	< 0.82	U	0.35	J
PSEG-SB54	NJD981084668-11/27/2006-SB54_36	A011	787473	36.5 - 37.0	10.2	-26.3	-26.8	11/27/2006	No	< 0.041	U	< 0.41	U	< 0.41	U	< 1.2	U	0.013	J	< 0.41	U	< 0.83	U	< 0.41	U
PSEG-SB54	NJD981084668-11/28/2006-SB54_42	A102	788113	42.5 - 43.0	10.2	-32.3	-32.8	11/28/2006	No	< 0.043	U	< 0.43	U	< 0.43	U	< 1.3	U	< 0.43	U	< 0.43	U	< 0.86	U	< 0.43	U
PSEG-SB54	NJD981084668-11/28/2006-788114	A102	788114	55.5 - 56.0	10.2	-45.3	-45.8	11/28/2006	No	< 0.04	U	< 0.4	U	< 0.4	U	< 1.2	U	< 0.4	U	< 0.4	U	< 0.81	U	< 0.4	U

Notes on last page

Table 2C
Non-Validated SVOC Sample Results Summary
Carteret Avenue Non-Chrome Fill Soil Re-Use Plan
PPG, Jersey City, New Jersey

Notes:

J - Indicates the result was an estimated value; the associated numerical value was an approximate concentration of the analyte in the sample.

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

bgs - below ground surface

Blank cell - Indicates analyte was not analyzed

Bolded value - Indicates exceedance of MSSRS

CAS RN - Chemical Abstracts Service Registry Number

ft - feet or foot

mg/kg - milligrams per kilogram

MSSRS - NJDEP Most Stringent Soil Remediation Standard

NAVD88 - North American Vertical Datum of 1988

NJDEP - New Jersey Department of Environmental Protection

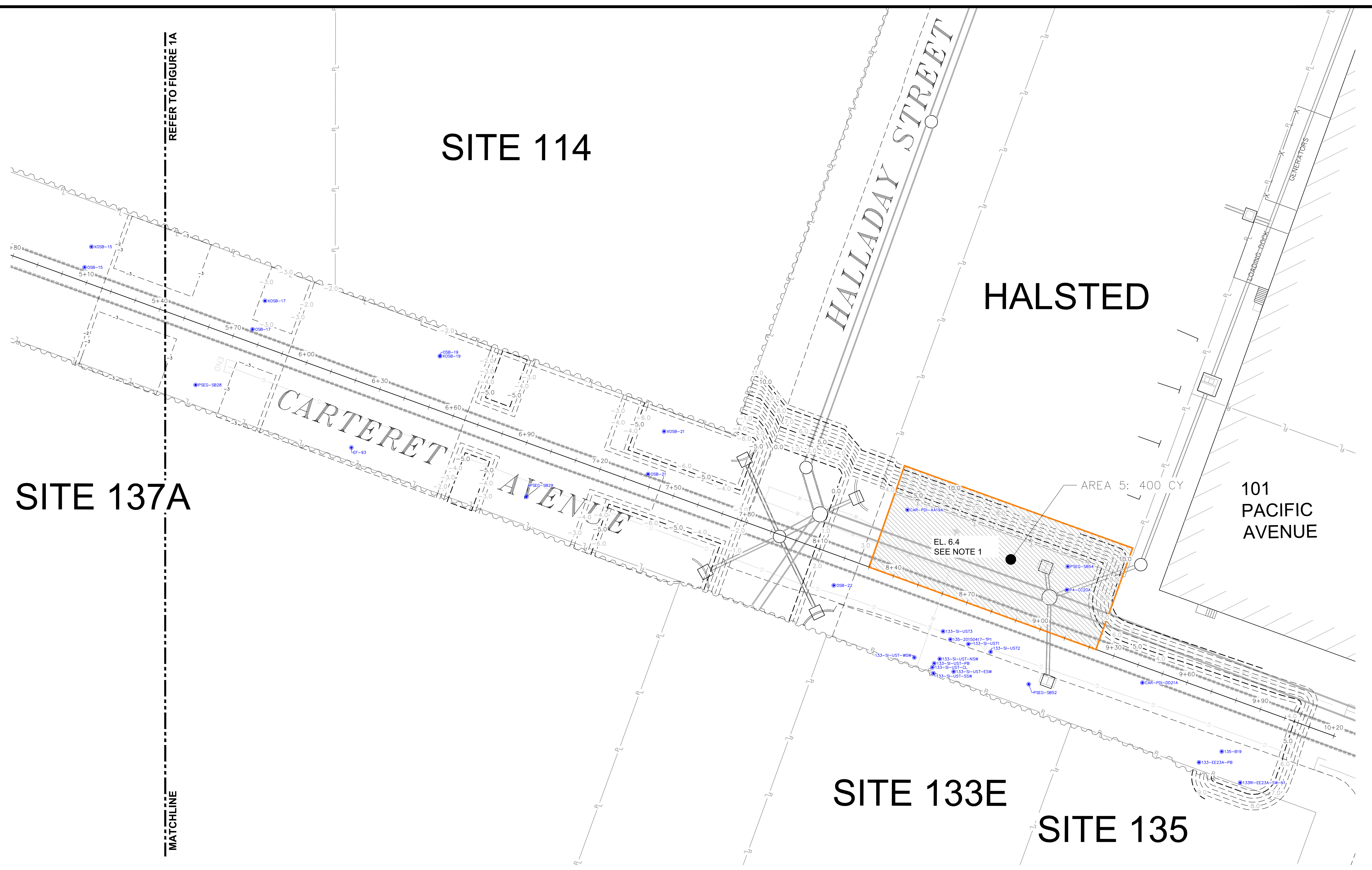
SDG - Sample Delivery Group

SVOC - semi-volatile organic compound

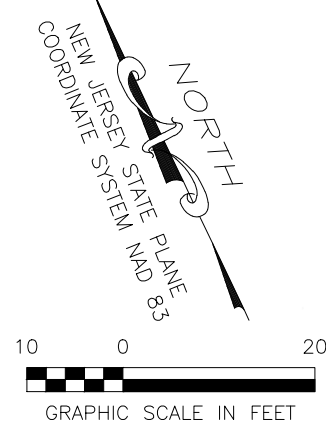
Figures

- LEGEND**
- PROPERTY LINE
 - FENCE
 - EXISTING SHEET PILE
 - CURB
 - DEPRESSED CURB
 - EXCAVATION ELEVATION CONTOURS 1' INTERVAL 5' INDEX
 - COMBINED SEWER MANHOLE
 - GAS VALVE
 - WATER VALVE
 - CATCH BASIN INLET
 - GAS UTILITY LINE
 - WATER UTILITY LINE
 - 48" STEEL COMBINED SEWER (APPROXIMATE)
 - 96" STEEL COMBINED SEWER (APPROXIMATE)
 - NON-CHROME FILL MATERIAL TO BE REMOVED DURING EXCAVATION OF CLEAN CORRIDOR
 - BORING/MONITORING WELL/TEST PIT/POST-EXCAVATION SAMPLE LOCATION WITH NON-CCPW DATA

- NOTES:**
- NON-CHROME FILL MATERIAL TO BE REMOVED FROM ELEVATION SHOWN TO THE BOTTOM OF EXCAVATION AND STOCKPILED FOR RE-USE.
 - CCPW DATA INCLUDES HEXAVALENT CHROMIUM AND CCPW-RELATED METALS (ANTIMONY, CHROMIUM, NICKEL, THALLIUM, VANADIUM)
- CCPW CHROMATE CHEMICAL PRODUCTION WASTE
 CY CUBIC YARD
 EL. ELEVATION



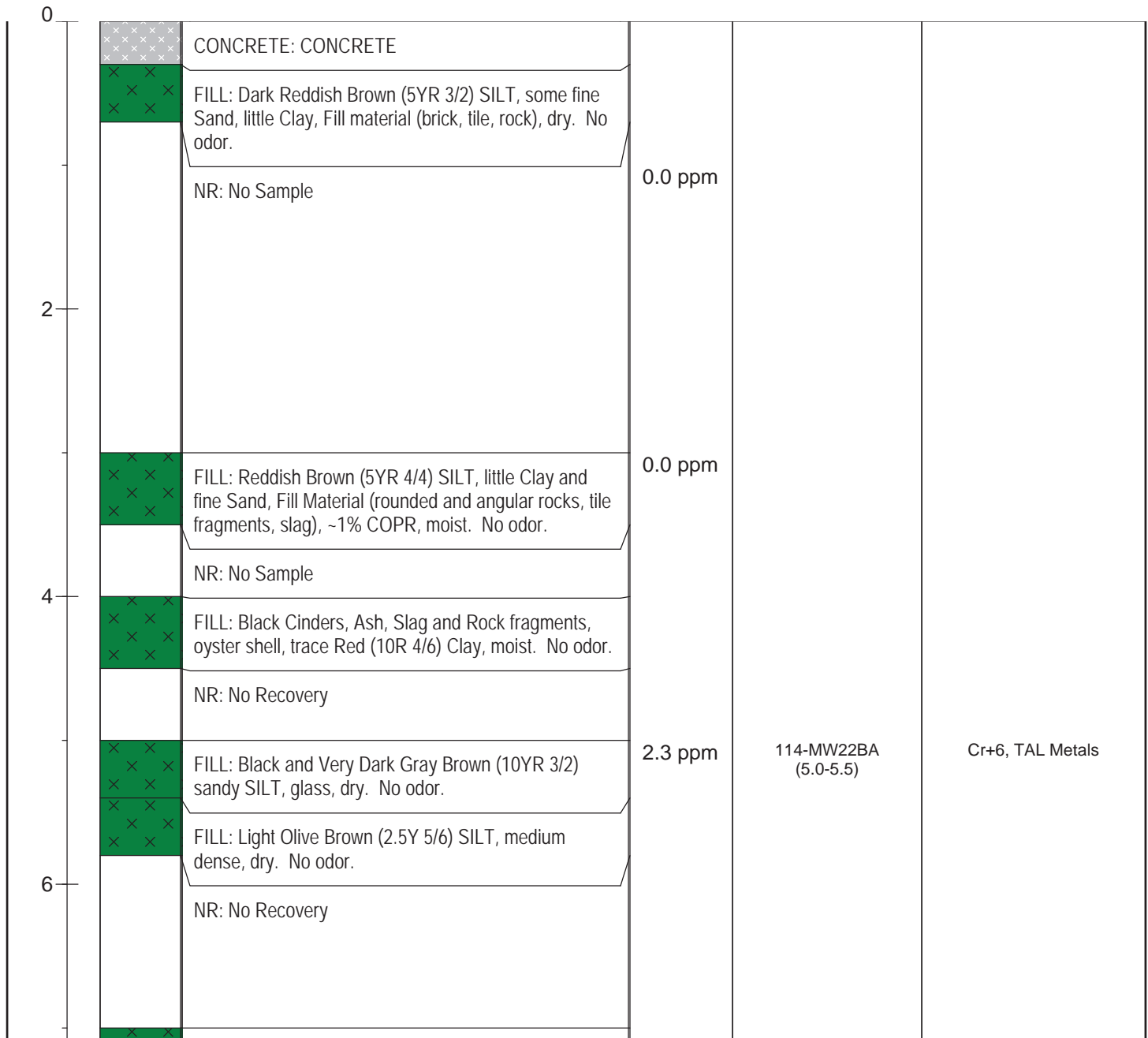
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PPG GARFIELD AVENUE GROUP JERSEY CITY, NEW JERSEY		NON-CHROME FILL EXCAVATION AREAS PLAN VIEW CARTERET AVENUE	
DATE: 05/30/2019	DRWN: ASK	FIGURE 1B	


Boring Logs





	Client: PPG Industries	BORING ID: 114-MW22B			
	Site: Site 114				
Start Date: 11/15/2006	Project: Site Investigation	Page: 1 of 5			
	Coordinates: X-610693.8 Y-683255.1	Depth of Boring: 35.00			
End Date: 11/21/2006	Elevation: 12.6 ft NAVD88	Geologist: M. Merdinger			
	Drill Subcontractor: ADI	Driller:			
Depth (ft)	Lithology	Description	PID	Sample ID	Sample Parameters



NOTES: Coordinates are provided in New Jersey State Plane NAD 1983 Feet.


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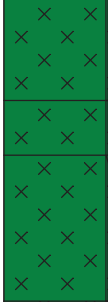





	Client: PPG Industries		BORING ID: 114-MW22B		
	Site: Site 114				
Start Date: 11/15/2006	Project: Site Investigation		Page: 2 of 5		
	Coordinates: X-610693.8 Y-683255.1		Depth of Boring: 35.00		
End Date: 11/21/2006	Elevation: 12.6 ft NAVD88		Geologist: M. Merdinger		
	Drill Subcontractor: ADI		Driller:		
Depth (ft)	Lithology	Description	PID	Sample ID	Sample Parameters

8		FILL: Reddish Gray (10YR 5/1) silty SAND, coarse fill Sand, Fill material (slag, concrete), wet. No odor.	0.3 ppm		
		FILL: Dark Grayish Brown (10YR 4/2) SILT, little Clay, trace Gray rounded medium Gravel, wet. No odor.			
10		NR: No Recovery	0.0 ppm	114-MW22BB (9.5-10.0)	MS/MSD, Cr+6, TAL Metals
		FILL: Very Dark Gray (7.5YR 3/1) SILT, some coarse Sand, wet. No odor.			
		FILL: Dark Brown (7.5YR 3/2) SILT, trace to little Clay down gradient, oyster shell, moist, loose. No odor.			
12		FILL: Dark Brown (7.5YR 3/2) SILT, little Sand, trace to little Clay down gradient, oyster shell, moist, loose. No odor.	0.0 ppm		
		FILL: Olive (5Y 4/3) SAND, little Silt, moist. No odor.			
14		FILL: Olive Brown (2.5 Y 4/3) silty CLAY, trace fine Gravel, wet. No odor.	0.0 ppm	114-MW22BC (13.0-14.0)	Cr+6, TAL Metals
				114-MW22BCD (13.0-14.0)	Cr+6, TAL Metals

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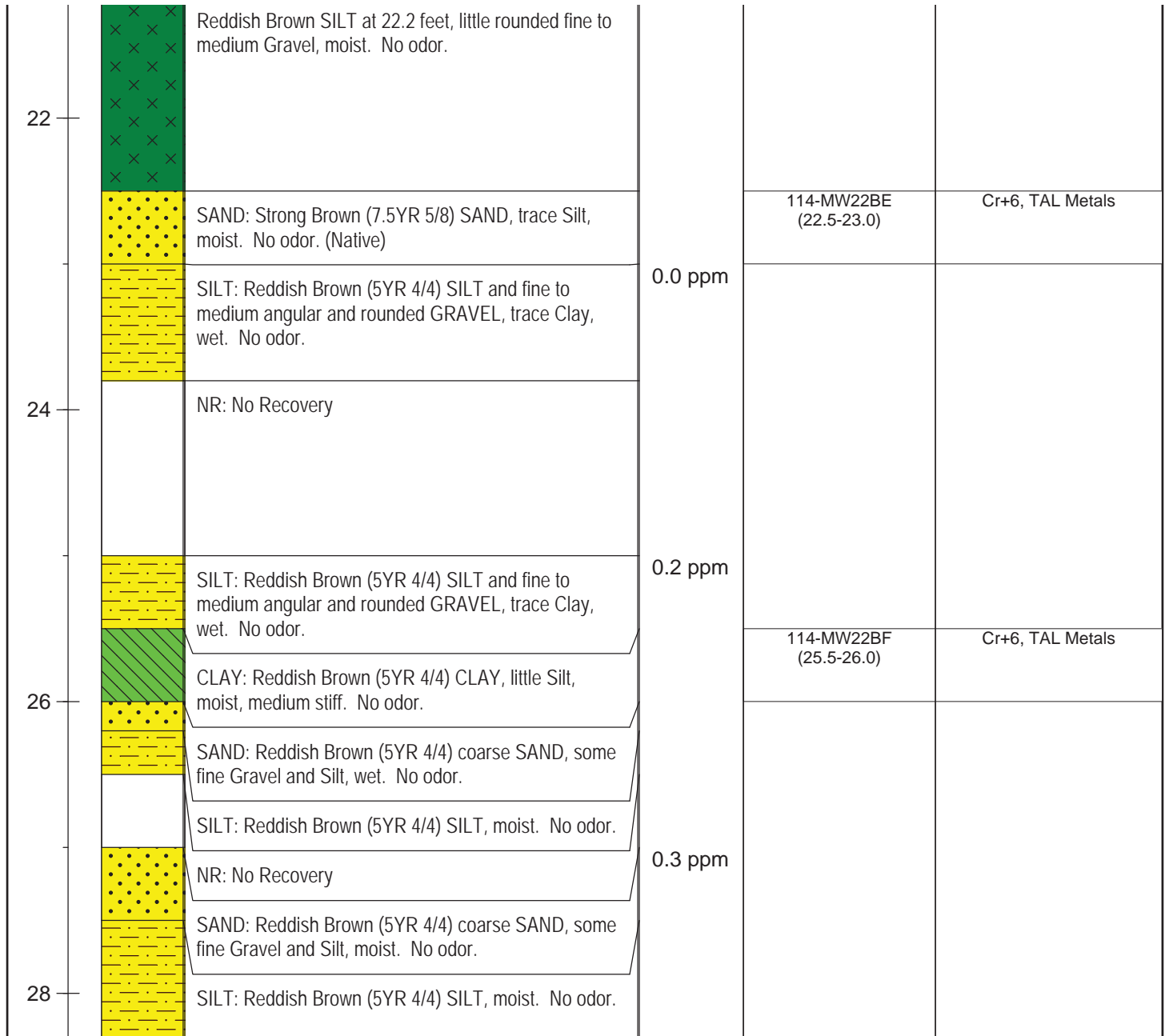
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	Site: Site 114				
Start Date: 11/15/2006	Project: Site Investigation		Page: 3 of 5		
	Coordinates: X-610693.8 Y-683255.1		Depth of Boring: 35.00		
End Date: 11/21/2006	Elevation: 12.6 ft NAVD88		Geologist: M. Merdinger		
	Drill Subcontractor: ADI		Driller:		
Depth (ft)	Lithology	Description	PID	Sample ID	Sample Parameters

16		FILL: Reddish Brown (5YR 4/4) very fine SAND, some Silt, Shale.	0.0 ppm		
		FILL: Dark Reddish Brown (2.5YR 3/4) fine to medium SAND, trace Silt, wet. No odor.			
16		FILL: Dark Reddish Brown (2.5YR 3/4) and Yellow mottled silty SAND, some fine to medium Gravel, wet. No odor.	0.0 ppm		
		NR: No Recovery			
18		FILL: Very Dark Gray (Gley N3/0) CLAY, medium stiff, moist.	0.0 ppm	114-MW22BD (17.5-18.0)	Cr+6, TAL Metals
		FILL: Dusky Red (10R 3/4) silty SAND, some fine to coarse Gravel, Lime Green-stained CLAY interbedded, moist. No odor.			
20		FILL: Olive Brown (2.5 Y 4/3) silty CLAY, moist. No odor.	0.0 ppm		
		FILL: Dusky Red (10R 3/2) CLAY, some Gravel, moist. No odor.			
20		FILL: Reddish Brown (5YR 4/3) SILT, little angular fine Gravel, moist. No odor.	0.0 ppm		
		NR: No Recovery			
		FILL: Olive Brown (2.5Y 4/3) silty CLAY, interbedded	0.0 ppm		

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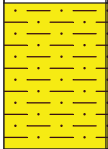

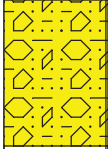
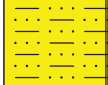
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	Site: Site 114				
Start Date: 11/15/2006	Project: Site Investigation	Page: 4 of 5			
	Coordinates: X-610693.8 Y-683255.1	Depth of Boring: 35.00			
End Date: 11/21/2006	Elevation: 12.6 ft NAVD88	Geologist: M. Merdinger			
	Drill Subcontractor: ADI	Driller:			
Depth (ft)	Lithology	Description	PID	Sample ID	Sample Parameters



NOTES: Coordinates are provided in New Jersey State Plane NAD 1983 Feet.

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	Client: PPG Industries	BORING ID: 114-MW22B			
	Site: Site 114				
Start Date: 11/15/2006	Project: Site Investigation	Page: 5 of 5			
	Coordinates: X-610693.8 Y-683255.1	Depth of Boring: 35.00			
End Date: 11/21/2006	Elevation: 12.6 ft NAVD88	Geologist: M. Merdinger			
	Drill Subcontractor: ADI	Driller:			
Depth (ft)	Lithology	Description	PID	Sample ID	Sample Parameters





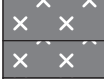

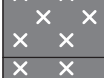
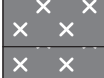



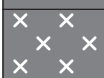
		NR: No Recovery			
		SILT: Reddish Brown (5YR 4/4) SILT, little Clay, trace fine Gravel, moist. No odor.	0.0 ppm	114-MW22BG (29.0-29.5)	MS/MSD, Cr+6, TAL Metals
30		NR: No Recovery			
		GRAVEL: Reddish Brown (5YR 4/4) GRAVEL, little Silt, wet. No odor.	0.2 ppm		
32		SILT AND GRAVEL: Reddish Brown (5YR 4/4) SILT and GRAVEL, trace Clay, wet. No odor.			
		NR: No Recovery			
34		SILTSTONE: Gray Rock, angular, trace Silt and coarse Sand, wet. No odor.			
NULL: End of boring at 35 feet.					

NOTES: Coordinates are provided in New Jersey State Plane NAD 1983 Feet.

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Client: PPG Industries	BORING ID: 135-B19	
Site: Site 135		
Start Date: 12/13/2006	Project: Site Investigation	Page: 1 of 3
	Coordinates: X-611417.0 Y-682651.9	Depth of Boring: 32.00
End Date: 1/2/2007	Elevation: 9.9 ft NAVD88	Geologist: P. Kelly, M. Merdinger
	Subcontractor: EB/TPI	Driller: Heath Kneller

Depth (ft)	Lithology	Description	PID	Sample ID	Sample Parameters
------------	-----------	-------------	-----	-----------	-------------------

0		ASPHALT: ASPHALT			
		FILL: Gray fine COBBLES.			
		FILL: Brown coarse SAND, some Silt and Clay, little fine Gravel.	0.0 ppm	135-B19A (1.3-1.8)	Cr+6, TAL Metals
2		FILL: Grey fine COBBLES	1.4 ppm	135-B19B (2.1-2.6)	Cr+6, TAL Metals
		FILL: Gray-Brown ASH, some fine Gravel, little woody organics. Heavy petroleum odor.			
		FILL: Red Brick pieces		135-B19C (3.3-3.8)	Cr+6, TAL Metals
4		FILL: Black-Gray ASH, some fine Gravel, little brick fragments.	0.0 ppm		
		FILL: Dark Grayish Brown, (2.5Y 4/2) SILT and ASH, Fill materials (shells, clinkers, wood particles), wet, loose. No odor.	0.0 ppm	135-B19D (5.1-5.6)	Cr+6, TAL Metals
6		FILL: Black and Dark Grayish Brown (2.5Y 4/2) SILTY CLAY, trace coarse Sand and Topsoil, moist, firm.	0.0 ppm		
		NR: No Recovery			
8		FILL: Dark Grayish Brown (10YR 4/2) SAND CLAY, little Silt, wet, semi-firm. No odor.	0.0 ppm		
		FILL: Black medium SANDY SILT, Fill material, little interbedded Clay, wet, loose. No odor.	0.0 ppm		
10		FILL: Dark Yellowish Brown (10YR 4/4) SANDY SILT, trace Clay, moist, semi-firm. No odor.	0.1 ppm	135-B19E (9.4-9.9)	Cr+6, TAL Metals
		NR: No Recovery			

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Client: PPG Industries	BORING ID: 135-B19	
Site: Site 135		
Start Date: 12/13/2006	Project: Site Investigation	Page: 2 of 3
	Coordinates: X-611417.0 Y-682651.9	Depth of Boring: 32.00
End Date: 1/2/2007	Elevation: 9.9 ft NAVD88	Geologist: P. Kelly, M. Merdinger
	Drill Subcontractor: EB/TPI	Driller: Heath Kneller

Depth (ft)	Lithology	Description	PID	Sample ID	Sample Parameters
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12		FILL: Dark Yellowish Brown (10YR 4/4) SANDY SILT, trace Clay and fine semi-rounded Gravel, wet, loose.	0.0 ppm		
		PEAT: PEAT, organics, moist, firm. Sulfur odor.	0.0 ppm	135-B19F (13.2-13.7)	MS/MSD, Cr+6, TAL Metals
14		NR: No Recovery	28.1 ppm		
16		PEAT: Dark Gray (Gley N4/0) organic CLAY, some organics, moist, firm. Sulfur odor.	34.8 ppm		
			30.0 ppm	135-B19G (17.2-18.2)	Cr+6, TAL Metals
18		SILT AND CLAY: Black and Dusky Red (2.5YR 3/2) organic SILTY CLAY, trace organics, moist, semi-firm. Sulfur odor.	164.0 ppm	135-B19GD (17.2-18.2)	
			389.0 ppm		
20		NR: No Recovery	54.0 ppm	135-B19H (20.2-20.7)	Cr+6, TAL Metals
		SILT AND CLAY: Black and Dusky Red (2.5YR 3/2) organic SILTY CLAY, trace organics, moist, semi-firm. Sulfur odor.			
		SILTY SAND: Gray (5Y 5/1) very fine SILTY SAND, trace Clay, moist, semi-firm (native). Slight sulfur odor.	2.1 ppm		

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Client: PPG Industries	BORING ID:	
Site: Site 135	135-B19	
Start Date: 12/13/2006	Project: Site Investigation	Page: 3 of 3
	Coordinates: X-611417.0 Y-682651.9	Depth of Boring: 32.00
End Date: 1/2/2007	Elevation: 9.9 ft NAVD88	Geologist: P. Kelly, M. Merdinger
	Drill Subcontractor: EB/TPI	Driller: Heath Kneller

Depth (ft)	Lithology	Description	PID	Sample ID	Sample Parameters
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22		CLAYEY SAND: Gray (5Y 6/1) medium to coarse SAND, some to little Clay, trace fine semi-rounded Gravel, moist, firm. Slight naptha odor.	6.6 ppm		
		NR: No Recovery	0.0 ppm		
24		SAND: Dark Gray (10YR 4/1) fine to coarse SAND, trace fine to medium rounded Pebbles, wet, loose to semi-firm. No odor.	0.0 ppm	135-B19I (24.2-24.7)	Cr+6, TAL Metals
			0.0 ppm		
26			0.0 ppm		
			0.0 ppm		
28		NR: No Recovery	0.0 ppm		
		SAND: Reddish Gray (5YR 5/2) very fine to medium SAND, wet, semi-firm. No odor.	0.0 ppm	135-B19J (28.2-28.7)	Cr+6, TAL Metals
			0.0 ppm		
30		SAND: Reddish Brown (5YR 5/4) very fine SAND, little to trace Silt, wet, semi-firm. No odor.	0.0 ppm		
			0.0 ppm		
32		NR: No Recovery			
		NULL: End of Boring at 28 ft.			

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ENSR AECOM	Client: PPG Industries	BORING ID: 143-B5			
	Site: Site 143				
Start Date: 1/9/2007	Project: Site Investigation	Page: 1 of 3			
	Coordinates: X-610774.0 Y-683208.0	Depth of Boring: 24.00			
End Date: 1/11/2007	Elevation: 12.9 ft NAVD88	Geologist: P. Kelly			
	Drill Subcontractor: Eichelberger/Terra Probe Incorporated	Driller: Heath Kneller			
Depth (ft)	Lithology	Description	PID (ppm)	Sample ID	Sample Parameters

0		ASPHALT: Asphalt			
		FILL: Black (5YR 2.5/1) fine SAND, some fine Gravel and Silt, little brick fragments and coarse Gravel, no odor	0.0 ppm	143-B5A (1.0-1.5)	Cr+6, TAL Metals
2		FILL: Dark Brown (7.5YR 2.5/1) coarse SAND, some fine Gravel, and little fine gravel sized COPR (10%), trace brick fragments, no odor	0.0 ppm	143-B5B (2.0-2.5)	Cr+6, TAL Metals
		FILL: White (7.5YR 8/1) SILT/CLAY, some black staining, no odor	0.0 ppm	143-B5C (2.9-3.4)	Cr+6, TAL Metals
4		FILL: Brown (7.5YR 4/3) CLAY, some silt, little fine to coarse Gravel and medium gravel sized Slag, black (10YR 2/1), no odor	0.0 ppm	143-B5D (3.5-4.1)	Cr+6, TAL Metals
		FILL: Cobbles			
		NR: No Sample			
6		FILL: Red-Brown (2.5YR 3/4) SILT/CLAY, some fine gravel, trace glass pieces, no odor	0.1 ppm	143-B5E (6.5-7.0)	Cr+6, TAL Metals
8		NR: No Recovery			

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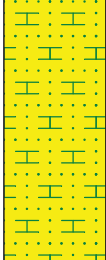
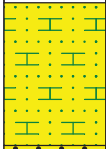
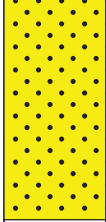
	Client: PPG Industries	BORING ID: 143-B5			
	Site: Site 143				
Start Date: 1/9/2007	Project: Site Investigation	Page: 2 of 3			
	Coordinates: X-610774.0 Y-683208.0	Depth of Boring: 24.00			
End Date: 1/11/2007	Elevation: 12.9 ft NAVD88	Geologist: P. Kelly			
	Drill Subcontractor: Eichelberger/Terra Probe Incorporated	Driller: Heath Kneller			
Depth (ft)	Lithology	Description	PID (ppm)	Sample ID	Sample Parameters

10		FILL: Red-Brown (2.5YR 3/4) SILT/CLAY, some fine gravel, trace glass pieces, no odor	0.7 ppm		
		FILL: Dark Brown (7.5YR 2.5/2) SILT, some fine Gravel, little woody organics, no odor		143-B5F (8.8-9.5)	Cr+6, TAL Metals
12		FILL: White (5Y 8/1) SILT/CLAY, very soft, some Brown (5YR 2.5/1) Silt and fine Sand, no odor		143-B5G (9.5-9.9)	Cr+6, TAL Metals
		FILL: Red-Black (2.5YR 2.5/1) coarse SAND, some Silt, little fine Gravel, trace glass fragments, no odor		143-B5H(9.9-10.6)	Cr+6, TAL Metals
				143-B5HD(9.9-10.6)	Cr+6, TAL Metals
14		NR: No Recovery	0.7 ppm		
		FILL: Red-Black (2.5YR 2.5/1) coarse SAND, some Silt, little fine Gravel, trace glass fragments, no odor			
		FILL: Dark Gray (N31 gley) SILT/Ash, some fine Gravel little debris, no odor		143-B5I (12.6-13.1)	Cr+6, TAL Metals
		PEAT: Meadow Mat, dark Brown (2.5YR 2.5/2) CLAY, with Organics, no odor		143-B5J (13.1-13.9)	Cr+6, TAL Metals
16		NR: No Recovery	0.6 ppm		
		SILT AND CLAY: Green Gray (5BG 5/1) with little Dark	0.4 ppm		

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	Client: PPG Industries	BORING ID: 143-B5			
	Site: Site 143				
Start Date: 1/9/2007	Project: Site Investigation	Page: 3 of 3			
	Coordinates: X-610774.0 Y-683208.0	Depth of Boring: 24.00			
End Date: 1/11/2007	Elevation: 12.9 ft NAVD88	Geologist: P. Kelly			
	Drill Subcontractor: Eichelberger/Terra Probe Incorporated	Driller: Heath Kneller			
Depth (ft)	Lithology	Description	PID (ppm)	Sample ID	Sample Parameters

18		Rd (5YR 4/6) CLAY/SILT, little fine Sand, trace Dark Red (2.5YR 3/6) medium Gravel from 18.1' to 19.1', no odor	0.4 ppm	143-B5K (17.1-17.6)	Cr+6, TAL Metals
20		NR: No Recovery	0.0 ppm		
22		SILT AND CLAY: Green Gray (5BG 5/1) with little Dark Rd (5YR 4/6) CLAY/SILT, little fine Sand, trace Dark Red (2.5YR 3/6) medium Gravel, no odor	0.4 ppm		
		SAND: Reddish Brown (2.5YR 4/6) coarse SAND, some fine to coarse Gravel, no odor	0.4 ppm		
24		NR: No Recovery			
		NULL: End of Boring			

NOTES: Coordinates are provided in New Jersey State Plane NAD 1983 Feet.

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Project Name: PPG Garfield Ave	Drilling Company: SGS	
Project Number: 60237614.846GARF.A	Drilling Method: Geoprobe	Coordinates (NJSPNAD83) x: 683186
Date Started Drilling: 12/5/2011	Rig Type: 7728DT	Coordinates (NJSPNAD83) y: 610822
Date Finished Drilling: 12/5/2011	Core Size: 2.0 in	Boring Total Depth: 5 ft
Logged By: M. Merdinger	Project Manager: Robert Cataldo	Depth to Water: 1.5 ft
Physical Location: Site 143 - Back lot		Surface Elevation: 12.6 ft NAVD88

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	Moisture Content	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
0 1 2 3 4 5	2.5	0.2	Dry	CONCRETE		Concrete, dry, no staining.	DD1-B03-0.5
		Moist	FILL	Black very fine to fine SAND, trace Fill (slag, cinders), loose. Slight oil odor.			
		0.1	Wet	FILL		Black fine SAND and Coal fragments, little Ash and Cinders, loose. No odor.	DD1-B03-1.5
				NR		No Recovery	

End of boring at 5 ft.

Notes:

bgs - below surface grade COPR - chromite ore processing residue UNDno - non-organic undisturbed native deposits MGP - manufactured gas plant
MM - meadow mat GGM - green grey mud UNDOrg - organic undisturbed native deposits CCPW - chromate chemical production waste

Comments: Boring used to identify historic fill. No COPR/GGM identified in boring.

Project Name: PPG Garfield Ave	Drilling Company: SGS North America
Project Number: 60240739	Drilling Method: Soft Dig/Geoprobe
Date Started Drilling: 5/30/2013 8:10:00 AM	Rig Type:
Date Finished Drilling: 5/30/2013 8:40:00 AM	Core Size: 3 in
Logged By: MI	Project Manager: Chris Martell
Physical Location: Site 143 - E15A	Surface Elevation: 12.67 ft NAVD88

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	Moisture Content	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1	1	0.0	dry	FILL		medium SAND, some coal, cinders, (7.5YR 3/1) very dark gray, non plastic, loose, dry, no odor, no staining.	
1	2	0.0	dry	FILL		medium SAND, some coal, cinders, (7.5YR 3/1) very dark gray, non plastic, loose, dry, no odor, no staining.	
2		0.0	dry	FILL		fine to medium SAND, little fine to coarse gravel little coal, (7.5YR 2.5/1) black, non plastic loose, slightly moist no odor no staining	143-P3A-E15A-2.0-2.5
3	1.4	0.0	dry	FILL		fine to medium SAND, some coal, cinders, little wood fragments, (7.5YR 3/1) very dark gray, non plastic, loose, dry, no odor, no staining.	
4		0.0		NR		NO RECOVERY	
4		0.0	dry	FILL		SILT, with fine to medium sand some fine to medium gravel, (7.5YR 4/2) brown, low plasticity soft, slightly moist no odor no staining	143-P3A-E15A-4.0-4.5 143-P3A-E15A-4.0-4.5X
5	1.2	0.0	saturated	FILL		fine silty SAND, little fine to coarse gravel, trace coal, (7.5YR 3/3) dark brown, non plastic, soft, saturated, no odor, no staining.	143-P3A-E15A-5.0-5.5
6		0.0	moist	FILL		fine SAND, little fine to coarse gravel, little coal, (7.5YR 2.5/1) black, non plastic, loose, moist, no odor, no staining.	
6		0.0	saturated	FILL		fine silty SAND, little fine to coarse gravel, trace coal, (7.5YR 3/3) dark brown, non plastic, soft, saturated, no odor, no staining.	
7	1.4	0.0	saturated	FILL		fine silty SAND, little fine to coarse gravel, trace coal, (7.5YR 3/3) dark brown, non plastic, soft, saturated, no odor, no staining.	143-P3A-E15A-7.0-7.5
8		0.0	slightly moist	FILL		NO RECOVERY	
8		0.0		NR		fine silty SAND, some fine to coarse gravel, little coal, (7.5YR 2.5/2) very dark brown, non plastic, soft, saturated, no odor, no staining.	
9	1.3	0.0	moist	FILL		medium SAND, little fine to medium gravel, little brick, (5YR 3/2) dark reddish brown, non plastic, loose, slightly moist, no odor, no staining.	143-P3A-E15A-9.0-9.5
10				NR		NO RECOVERY	
10						fine to medium SAND, some ash, little coal, cinders, brick, wood fragments, (7.5YR 3/1) very dark gray, non plastic, loose, moist, no odor, no staining.	
11	2	0.0	moist	FILL		NO RECOVERY	143-P3A-E15A-11.0-11.5
12		0.0	moist	FILL		fine to medium SAND, little fine gravel, trace coal, cinders, (7.5YR 3/1) very dark gray, non plastic, loose, moist, no odor, no staining.	
13	2	0.0	moist	FILL		fine SAND, some wood fragments, little silt, (7.5YR 3/4) dark brown, non plastic, loose to hard, moist, no odor, no staining.	143-P3A-E15A-13.0-13.5
14		0.0	moist	FILL		fine SAND, some fine to medium gravel, little silt, brick silt, (7.5YR 3/4) dark brown, non plastic, loose to hard, moist, no odor, no staining.	143-P3A-E15A-14.1-14.6
14		0.0	moist	OL		SILT, little fine sand, trace roots, (7.5YR 2.5/3) very dark brown, low plasticity, soft, moist, no odor, no staining.	143-P3A-E15A-14.6-15.1
15	2	1.3	dry to sl.	PT		UNDorg SILT, 90% organic silt, 10% organic fibers, (7.5YR 2.5/1) black, low plasticity, soft, moist, slight organic odor, no staining. Soils consistent with UNDorg.	
16		1.3	moist	PT		PEAT (degraded vegetated material), 80% organic fibers, 20% organic silt, (7.5YR 3/2) dark brown, non plastic stiff, dry to slightly moist, strong organic odor, no staining. Soils consistent with MM.	
16			dry to sl.			PEAT (degraded vegetated material), 80% organic fibers, 20% organic silt, (7.5YR 3/2) dark brown, non plastic, stiff, dry to slightly moist, strong organic odor, no staining. Soils consistent with MM.	
17			moist				

Notes:
 bgs - below surface grade COPR - chromite ore processing residue UNDno - non-organic undisturbed native deposits MGP - manufactured gas plant
 MM - meadow mat GGM - green grey mud UNDorg - organic undisturbed native deposits CCPW - chromate chemical production waste

Comments: 1) 3 attempts were made to obtain best recovery 2) MM/UND confirmed to be 1 ft thick 3) No CCPW (COPR or GGM) present in any interval of this boring.

Project Name: PPG Garfield Ave	Drilling Company: SGS North America	
Project Number: 60240739	Drilling Method: direct push	Coordinates (NJSPNAD83) x: 611350.91
Date Started Drilling: 6/13/2016 8:30:00 AM	Rig Type:	Coordinates (NJSPNAD83) y: 682789.21
Date Finished Drilling: 6/13/2016 9:30:00 AM	Core Size: 3.0 in	Boring Total Depth: 20 ft
Logged By: ES	Project Manager: Scott Mikaelian	Depth to Water: NA
Physical Location: Actual - CAR PDI		Surface Elevation: 12.92 ft NAVD88

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	Moisture Content	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID		
		0.0		ASPHALT		Asphalt and gravel sub-base			
1	4.5		dry	FILL		ASH, some coal, trace glass, (7.5YR 4/1) dark gray, loose, dry, no odor, no staining.	CAR-PDI-AA19A-0.5-1.0		
2								CAR-PDI-AA19A-2.0-2.5	
3			dry	FILL		fine to medium SAND, little to trace ash, trace coarse gravel, (7.5YR 6/3) light brown, medium dense, dry, no odor, no staining.		CAR-PDI-AA19A-4.0-4.5	
4									
5				NR		NO RECOVERY			
6	3.5	0.0	wet	FILL		fine silty SAND, little fine gravel, trace ash, (5YR 4/3) reddish brown, medium dense, wet, no odor, no staining, water at 5.0 feet.			
7			wet	FILL		ASH, some silt and fine sand, trace wood, (7.5YR 2.5/1) black, medium dense, wet, no odor, no staining.	CAR-PDI-AA19A-6.0-6.5		
8			wet	FILL		fine silty SAND, fine little gravel, (5YR 4/4) reddish brown, medium dense, wet, no odor, no staining.		CAR-PDI-AA19A-8.0-8.5	
9						NR		NO RECOVERY	
10	5	0.0	wet	FILL		fine silty SAND, little organics, trace fine gravel, (5YR 4/3) reddish brown, medium dense, wet, no odor, no staining.	CAR-PDI-AA19A-10.0-10.5		
11									
12									CAR-PDI-AA19A-12.0-12.5
13									
14								CAR-PDI-AA19A-14.0-14.5	
15								CAR-PDI-AA19A-14.7-15.2	
16	5	0.0	wet dry	FILL PT		fine silty SAND, trace metal, (5YR 4/3) reddish brown, medium dense, wet, no odor, no staining.	CAR-PDI-AA19A-15.2-15.7		
17			dry	OL		PEAT (degraded vegetated material), 75% organic fibers, 25% organic silt, (5YR 3/3) dark reddish brown, stiff, dry, no odor, no staining. Soils consistent with MM. Organic SILT, 75% organic silt, 25% organic fibers, (7.5YR 4/3) brown, medium stiff, dry, no odor, no staining. Soils consistent with UNDorg.			
18									
19									
20			moist	SM		fine to medium silty SAND, (5Y 5/1) gray, medium dense, moist, no odor, no staining. Soils consistent with UNDno.			

Notes:
 bgs - below surface grade COPR - chromite ore processing residue UNDno - non-organic undisturbed native deposits MGP - manufactured gas plant
 MM - meadow mat GGM - green grey mud UNDorg - organic undisturbed native deposits CCPW - chromate chemical production waste

Comments: 1) 3 attempts were made to obtain best recovery 2) MM/UND confirmed to be 1 ft thick 3) No CCPW (COPR or GGM) present in any interval of this boring.

Project Name: PPG Garfield Ave	Drilling Company: SGS North America	
Project Number: 60240739	Drilling Method: direct push	Coordinates (NJSPNAD83) x: 611401.67
Date Started Drilling: 6/13/2016 10:45:00 AM	Rig Type:	Coordinates (NJSPNAD83) y: 682689.25
Date Finished Drilling: 6/13/2016 11:45:00 AM	Core Size: 3.0 in	Boring Total Depth: 15 ft
Logged By: ES	Project Manager: Scott Mikaelian	Depth to Water: NA


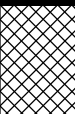






Physical Location: Actual - CAR PDI **Surface Elevation:** 10.66 ft NAVD88

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	Moisture Content	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1 2 3 4 5	4.5	0.0		ASPHALT		Asphalt and gravel sub-base.	
				CONCRETE		Concrete	
			dry	FILL		fine to coarse SAND, little fine to medium gravel, trace ash, (7.5YR 2.5/1) black, medium dense, dry, no odor, no staining.	CAR-PDI-DD21A-1.5-2.0
			moist	FILL		fine silty SAND, little coal, trace ash, (7.5YR 4/3) brown, medium dense, moist, no odor, no staining.	CAR-PDI-DD21A-3.5-4.0
				NR		NO RECOVERY	
6 7 8 9 10	5	10.0	moist to wet	FILL		ASH, some fine gravel, little fine to medium sand, (5YR 2.5/1) black, loose, moist to wet, slight MGP-like odor, no staining, water at 6.0 feet.	CAR-PDI-DD21A-5.5-6.0
			wet	FILL		fine to medium silty SAND, some fine gravel, little ash, trace wood, (5YR 2.5/1) black, medium dense, wet, strong MGP-like odor, product staining.	CAR-PDI-DD21A-7.5-8.0
							CAR-PDI-DD21A-9.5-10.0
							CAR-PDI-DD21A-11.5-12.0
11 12 13 14	5	8.0	wet	FILL		SILT, little organics, (7.5YR 4/3) brown, soft, wet, strong MGP-like odor, product staining.	CAR-PDI-DD21A-11.5-12.0
							CAR-PDI-DD21A-13.5-14.0
			wet	FILL		fine silty SAND, little fine gravel, (5YR 4/4) reddish brown, medium dense, wet, slight MGP-like odor, no staining.	CAR-PDI-DD21A-13.5-14.0
14 15			dry	PT		PEAT (degraded vegetated material), 80% organic fibers, 20% organic silt, (5YR 3/3) dark reddish brown, stiff, dry, no odor, no staining. Soils consistent with MM.	CAR-PDI-DD21A-14.0-14.5

Notes:
 bgs - below surface grade COPR - chromite ore processing residue UNDno - non-organic undisturbed native deposits MGP - manufactured gas plant
 MM - meadow mat GGM - green grey mud UNDorg - organic undisturbed native deposits CCPW - chromate chemical production waste

Comments: 1) 3 attempts were made to obtain best recovery 2) MM/UND confirmed to be 1 ft thick 3) No CCPW (COPR or GGM) present in any interval of this boring.

Project Name: PPG Soil RIWP	Drilling Company: SGS North America	
Project Number: 6015-4801	Drilling Method: Geoprobe	Coordinates (NJSPNAD83) x: 610816.628
Date Started Drilling: 6/2/2011	Rig Type: Airknife/Geoprobe	Coordinates (NJSPNAD83) y: 683186.312
Date Finished Drilling: 6/2/2011	Core Size: 12 in	Boring Total Depth: 15 ft
Logged By: A. Salazar, B.Daniels	Project Manager: Robert Cataldo	Depth to Water: 13.8
Physical Location: Site 143, back lot.		Surface Elevation: 12.6 ft NAVD88

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	Moisture Content	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
1-5	5	0	dry	ASPHALT		Black Asphalt	EF-B64-2.5
			wet	FILL		Black (10YR 2/1) fine to medium SAND, some fine to medium angular Gravel, trace Silt, Slag, loose, no odor, wet	
			wet	FILL		Black fine to medium sandy SILT, some fine to medium angular Gravel and Slag, loose wet, no odor	
			moist	FILL		Brown (7.5YR 4/4) sandy SILT, some Clay, trace fine angular Gravel, cohesive, no odor, moist	
			moist	FILL		Brown (7.5YR 4/3) medium to fine silty SAND, some fine to medium angular Gravel, trace Clay, loose, moist, no odor.	
6-9	3.5	0	wet	FILL		Brown (7.5YR 4/3) fine SAND AND SILT, little fine to medium angular gravel, wet, no odor.	EF-B64-10.5
			wet	NR		No Recovery	
10-12	1	0	wet	FILL		Black (5YR 2.5/1) ASH AND CINDER FILL, wet, no odor	EF-B64-10.5
			wet	PT		Black PEAT	
			wet	NR		No Recovery	
15				NULL		End of Boring at 15 ft.	

Notes:
 bgs - below surface grade COPR - chromate ore processing residue UNdno - non-organic undisturbed native deposits MGP - manufactured gas plant
 MM - meadow mat GGM - green grey mud UNdorg - organic undisturbed native deposits CCPW - chromate chemical production waste

Comments: No COPR/GGM identified at this location.



30 Knightsbridge Road, Piscataway, NJ 08854
732.564.3200 office telephone

Project Name: PPG Garfield Ave	Drilling Company: SGS North America	
Project Number: 60240739	Drilling Method: Direct Push	Coordinates (NJSPNAD83) x: 611391.808
Date Started Drilling: 12/11/2014 9:15:00 AM	Rig Type: Geoprobe	Coordinates (NJSPNAD83) y: 682734.17
Date Finished Drilling: 12/11/2014 10:15:00 AM	Core Size: 3.0 in	Boring Total Depth: 10 ft
Logged By: SP	Project Manager: Scott Mikaelian	Depth to Water: N/A
Physical Location: Carteret Avenue		Surface Elevation: 10.1 ft NAVD88

(Note bgs = below ground surface)

Depth Range (ft bgs)	Recovery (ft/ft)	PID (ppm)	Moisture Content	USCS	Graphic Log	Surface Cover and Thickness:	Sample ID
		0.0		ASPHALT		ASPHALT.	
1	5	0.0	slightly moist	FILL		fine SAND,(10YR 5/8) yellowish brown,loose to medium dense,slightly moist,no odor,no staining.	P4-CC20A-0.5-1.0
2							P4-CC20A-2.0-2.5
3		0.0	slightly moist	FILL		fine to coarse SAND,some ash,trace gravel,trace coal,(10YR 4/2) dark grayish brown,loose,slightly moist,no odor,no staining.	P4-CC20A-4.0-4.5
4							
5	5	0.0	slightly moist	FILL		fine to medium SAND,trace gravel,trace ash,(2.5YR 2.5/2) very dusky red,medium dense,slightly moist,no odor,no staining.	
6		0.0	moist saturated	FILL			fine to medium SAND,some gravel,trace ash,(2.5YR 2.5/2) very dusky red,loose,saturated,no odor,no staining.
7							
8							P4-CC20A-8.0-8.5
9							
10							

PPG - 2012-09 RA PPG_LOGS_A.GDT - 8/11/15 15:59

Comments: 1) Three attempts were made to obtain best recovery 2) No COPR or GGM present in any interval of this boring.

AECOM Notes: Ground surface elevation = 11.1 ft NAVD88

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 12.22	PROJECT NUMBER 020667601
DRILLING CONTRACTOR Advanced Drilling, Inc.	FOREMAN Roger Logel	DATE STARTED 11/22/06	DATE COMPLETED 11/27/06
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		COMPLETION DEPTH (FT BGS) 56	ROCK DEPTH (FT) not encountered
TYPE BIT Hollow-stem auger	SIZE AND TYPE CORE BARREL N/A	NO. SAMPLES 26	DIST. N/A UNDIST. N/A CORE N/A
CASING N/A	WATER DEPTH N/A	FIRST NA	COMPL. N/A 24HR N/A
CASING HAMMER WEIGHT N/A	DROP N/A	BORING LOCATION: Western shoulder of Carteret Avenue, 88 ft SE from the southern corner of the Halladay Street / Carteret Avenue intersection.	
SAMPLER 2" diameter, 2' long split-spoon	SAMPLER HAMMER WEIGHT 140 lbs.	DROP 30"	INSPECTOR Eric Gaulin

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BL/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
Cleared via hand digging to 4'; ash material (AM), gravel, clinker material (CM)	- 0 -											
	- 1 -											
	- 2 -											
	- 3 -											
4.0-6.9 FILL: CM, trace ash, gravel	- 4 -		1	1.0	4	1311	0.0	0.0	1311	N/A	N/A	No odors or other evidence of contamination
	- 5 -				5		0.0	0.0				
	- 6 -				5							
	- 7 -				7							
6.9-8.0 Black fine SAND (SP) with silty clay, highly plastic	- 8 -		2	1.1	4	1313	0.0	0.0	1313	N/A	N/A	No odors or other evidence of contamination
	- 9 -				4		0.0	0.0				
	- 10 -				3		0.0	0.0				
8.0-8.8 Grayish brown SILTY CLAY (CL) with black mottling	- 11 -		3	1.0	4	1317	0.0	0.0	1317	N/A	N/A	No odors or other evidence of contamination
8.8-8.9 Reddish brown SILTY CLAY (CL)	- 12 -				2		0.0	0.0				
8.9-12.0 Disturbed PEAT (PT), with some reddish gray silty clay	- 13 -				2		0.0	0.0				
	- 14 -				2							

AECOM Note: Ground surface elevation = 11.1 ft NAVD88

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 12.22	PROJECT NUMBER 020667601
DRILLING CONTRACTOR Advanced Drilling, Inc.	FOREMAN Roger Logel	DATE STARTED 11/22/06	DATE COMPLETED 11/27/06
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		COMPLETION DEPTH (FT BGS) 56	ROCK DEPTH (FT) not encountered
TYPE BIT Hollow-stem auger	SIZE AND TYPE CORE BARREL N/A	NO. SAMPLES 26	DIST. 26 UNDIST. N/A CORE N/A
CASING N/A	WATER DEPTH N/A	FIRST 4.8	COMPL. N/A 24HR N/A
CASING HAMMER WEIGHT N/A	DROP N/A	BORING LOCATION: Western shoulder of Carteret Avenue, 88 ft SE from the southern corner of the Halladay Street / Carteret Avenue intersection.	
SAMPLER 2" diameter, 2' long split-spoon	SAMPLER HAMMER WEIGHT 140 lbs.		DROP 30" INSPECTOR Eric Gaulin

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BL/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
8.9-12.0 Disturbed PEAT (PT), with some reddish gray silty clay	- 10 -		4	1.2	2	1329	0.0	0.0	1329	N/A	N/A	
	- -				1		0.0	0.0				
	- 11 -				2		0.0	0.0				
	- -				2							
12.0-16.0 Reddish brown SILT (ML) and silty clay, trace fine gravel	- 12 -		5	1.5	2	1338	0.0	0.0	1338	N/A	N/A	
	- -				2		0.0	0.0				
	- 13 -				2		0.0	0.0				
	- -				2							
16.0-16.4 Very dark greenish gray (GLE Y1 3/1 10Y) PEAT (PT)	- 14 -		6	0.9	2	1339	0.0	0.0	1339	N/A	N/A	
	- -				3		0.0	0.0				
	- 15 -				3							
	- -				3							Drilling ended here 11-22-06
16.4-18.4 Very dark greenish gray (GLE Y1 3/1 10Y) organic CLAY (OH), with 10% peat fragments	- 16 -		7	1.2	1	0900	0.0	0.0	0900	N/A	N/A	Drilling resumed here 11-27-06
	- -				2		10.3	0.0				
	- 17 -				1		10.0	0.0				Anaerobic, swampy odors
	- -				2							
18.4-20.0 Grey organic CLAY (OH), with less than 5% peat fibers	- 18 -		8	2.0	2	0905	26.3	0.0	0905	N/A	N/A	Anaerobic, swampy odors
	- -				2		53.6	0.0				
	- 19 -				2		?	0.0				
	- -				2		?	0.0				
	- 20 -											

PSEG SC Former Halladay Street Gas Works **SCHOOR DEPALMA**
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LOG OF SOIL BORING SB-52

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 12.22		PROJECT NUMBER 020667601	
DRILLING CONTRACTOR Advanced Drilling, Inc.		FOREMAN Roger Logel		DATE STARTED 11/22/06	
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		COMPLETION DEPTH (FT BGS) 56		ROCK DEPTH (FT) not encountered	
TYPE BIT Hollow-stem auger		SIZE AND TYPE CORE BARREL N/A		NO. SAMPLES 26	
CASING N/A		WATER DEPTH 4.8		UNDIST. N/A	
CASING HAMMER WEIGHT N/A		DROP N/A		CORE N/A	
SAMPLER 2" diameter, 2' long split-spoon		BORING LOCATION: Western shoulder of Carteret Avenue, 88 ft SE from the southern corner of the Halladay Street / Carteret Avenue intersection.			
SAMPLER HAMMER WEIGHT 140 lbs.		DROP 30"		INSPECTOR Eric Gaulin	

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BL/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
20.0-20.8 Brown PEAT (PT)	- 20 -		9	1.8	2	0910	10.0	0.0	0910	N/A	N/A	Unidentifiable odors, strong, no staining visible
20.8-24.0 light gray, SILTY CLAY (CL)	- 21 -				2		5.2	0.0				Sample SB-52(21.0-21.5) collected at 0919 for TCL SVOC, TCL VOC, TAL Metals, Total and Amenable CN
	- 22 -				3		98.8	0.0				
	- 23 -				3							
24.0-24.9 Grayish red fine to coarse SAND (SW), trace silt	- 24 -		10	1.3	3	0915	15	0.0	0915	N/A	N/A	
24.9-25.2 angular gravel/cobble fragments, 1/4" in diameter	- 25 -				5		20	0.0				
	- 26 -				6		14.3	0.0				
	- 27 -				6							
25.2-26.0 Reddish brown (2.5YR4/4) fine to medium SAND (SW), trace silt	- 28 -		11	2.0	4	0928	0.0	0.0	0928	N/A	N/A	
26.0-28.0 Reddish brown (2.5YR4/4) fine to medium SAND (SW), trace silt, with some fine (1/8") gravel layers up to 1" thick	- 29 -				5		0.0	0.0				
	- 30 -				7		0.0	0.0				
	- 31 -				7		0.0	0.0				
28.0-29.4 Reddish brown (2.5YR4/4) fine to medium SAND (SW), trace silt, with some fine (1/8") gravel layers up to 1" thick, and with some coarse sand	- 32 -		12	1.2	6	0933	0.0	0.0	0933	N/A	N/A	
29.4-30.0 Reddish brown (2.5YR4/4) fine SILTY SAND (SM)	- 33 -				7		0.0	0.0				
	- 34 -				7		0.0	0.0				
	- 35 -				6		0.0	0.0				

AECOM Note: Ground surface elevation = 11.1 ft NAVD88

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 12.22		PROJECT NUMBER 020667601	
DRILLING CONTRACTOR Advanced Drilling, Inc.		FOREMAN Roger Logel		DATE COMPLETED 11/27/06	
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		DATE STARTED 11/22/06		ROCK DEPTH (FT) not encountered	
COMPLETION DEPTH (FT BGS) 56		NO. SAMPLES 26		DIST. 26	
TYPE BIT Hollow-stem auger		SIZE AND TYPE CORE BARREL N/A		UNDIST. N/A	
CASING N/A		WATER DEPTH 4.8		CORE N/A	
CASING HAMMER WEIGHT N/A		DROP N/A		COMPL. N/A	
SAMPLER 2" diameter, 2' long split-spoon		BORING LOCATION: Western shoulder of Carteret Avenue, 88 ft SE from the southern corner of the Halladay Street / Carteret Avenue intersection.			
SAMPLER HAMMER WEIGHT 140 lbs.		DROP 30"		INSPECTOR Eric Gaulin	

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS	
			Number	Recov. (ft)	Penetr. BL/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date		
30.0-34.0 Reddish brown (2.5YR5/4) fine SANDY SILT (ML)	- 30 -		14	0.8	5	1003	0.0	0.1	1003	N/A	N/A	No odors, no sheen	
	- 31 -				6		0.0	0.0					
					6								
					7								
	- 32 -		15	1.1	5	1012	0.0	0.0	1012	N/A	N/A		No odors, no sheen
	- 33 -				7		0.0	0.0					
					9		0.0	0.0					
34.0-44.0 Reddish brown (2.5YR5/4) fine SILTY SAND (SM)	- 34 -		16	1.1	4	1031	0.0	0.0	1031	N/A	N/A	Extremely faint naphthalene-like odors, no sheen, no staining, no product	
	- 35 -				5		0.0	0.0					
					5		1.4	0.0					
					5								
	- 36 -		17	0.8	4	1033	1.9	0.0	1033	N/A	N/A		
	- 37 -				4		5.6	0.0			Sample SB-52(36.3-36.8) collected at 1039 for TCL SVOC, TCL VOC, TAL Metals, Total and Amenable CN		
					5								
					6								
	- 38 -		18	1.2	4	1043	3.3	0.0	1043	N/A		N/A	
	- 39 -				4		2.5	0.0			Extremely faint odors, unidentifiable, possibly naphthalene-like		
					4		11.6	0.0					
	- 40 -				5								

LOG OF SOIL BORING SB-52

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 12.22		PROJECT NUMBER 020667601	
DRILLING CONTRACTOR Advanced Drilling, Inc.		FOREMAN Roger Logel		DATE COMPLETED 11/27/06	
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		DATE STARTED 11/22/06		COMPLETION DEPTH (FT BGS) 56	
TYPE BIT Hollow-stem auger		SIZE AND TYPE CORE BARREL N/A		ROCK DEPTH (FT) not encountered	
CASING N/A		NO. SAMPLES 26		DIST. N/A	
CASING HAMMER WEIGHT N/A		WATER DEPTH FIRST 4.8		UNDIST. N/A	
SAMPLER 2" diameter, 2' long split-spoon		DROP N/A		CORE N/A	
SAMPLER HAMMER WEIGHT 140 lbs.		DROP 30"		BORING LOCATION: Western shoulder of Carteret Avenue, 88 ft SE from the southern corner of the Halladay Street / Carteret Avenue intersection.	
		INSPECTOR Eric Gaulin			

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BL/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
34.0-44.0 Reddish brown (2.5YR5/4) fine SILTY SAND (SM)	- 40 -		19	1.0	3	1056	9.5	0.0	1056	N/A	N/A	Faint naphthalene-like odors, no sheen, no staining, no product at top of spoon; no odors noted from 40.5 down
	- 41 -				2		0.8	0.0				
	- 42 -				2							
	- 43 -				2							
44.0-48.8 Reddish brown (2.5YR5/4) fine SANDY SILT (ML)	- 42 -		20	1.2	2	1100	11.5	0.0	1100	N/A	N/A	Dark layer observed at 42.9' in this spoon Sample SB-52(42.9-43.2) collected at 1100 for TCL SVOC, TCL VOC, TAL Metals, Total and Amenable CN
	- 43 -				3		1.0	0.0				
	- 44 -				3		0.0	0.0				
	- 45 -				4							
48.8-50.6 Reddish brown (2.5YR5/4) fine SANDY SILT (ML), with silty clay	- 44 -		21	1.2	2	1115	0.0	0.0	1115	N/A	N/A	No odors noted in this spoon
	- 45 -				3		0.0	0.0				
	- 46 -				3		0.0	0.0				
	- 47 -				3							
	- 46 -		22	1.2	3	1117	0.0	0.0	1117	N/A	N/A	No odors noted in this spoon
	- 47 -				4		0.0	0.0				
	- 48 -				3		0.0	0.0				
	- 49 -				5							
	- 48 -		23	1.0	4	1129	0.0	0.0	1129	N/A	N/A	No odors noted in this spoon
	- 49 -				4		0.0	0.0				
	- 50 -				4							
	- 50 -				4							

AECOM Note: Ground surface elevation = 11.1 ft NAVD88

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SCHOOR DEPALMA
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LOG OF SOIL BORING SB-52

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 12.22		PROJECT NUMBER 020667601	
DRILLING CONTRACTOR Advanced Drilling, Inc.		FOREMAN Roger Logel		DATE COMPLETED 11/27/06	
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		DATE STARTED 11/22/06		ROCK DEPTH (FT) not encountered	
COMPLETION DEPTH (FT BGS) 56		NO. SAMPLES 26		UNDIST. N/A	
TYPE BIT Hollow-stem auger		SIZE AND TYPE CORE BARREL N/A		CORE N/A	
CASING N/A		WATER DEPTH 4.8		COMPL. N/A	
CASING HAMMER WEIGHT N/A		DROP N/A		BORING LOCATION: Western shoulder of Carteret Avenue, 88 ft SE from the southern corner of the Halladay Street / Carteret Avenue intersection.	
SAMPLER 2" diameter, 2' long split-spoon		INSPECTOR Eric Gaulin			
SAMPLER HAMMER WEIGHT 140 lbs.		DROP 30"			

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BL/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
48.8-50.6 Reddish brown (2.5YR5/4) fine SANDY SILT (ML), with silty clay	- 50 -		24	1.2		1139	0.0	0.0	1139	N/A	N/A	No odors noted in this spoon
50.6-52.0 Reddish brown (2.5YR5/4) fine SILTY SAND (SM)	- 51 -						0.0	0.0				
52.0-55.2 dark reddish brown (2.5YR3/3) fine to medium SAND (SW), trace silt	- 52 -		25	1.7		1143	0.0	0.0	1143	N/A	N/A	No odors noted in this spoon
	- 53 -						0.0	0.0				
	- 54 -		26	1.2		1155	0.0	0.0	1155	N/A	N/A	Sample SB-54(55.5-56.0) collected at 1157 for TCL VOC, TCL SVOC, TAL Metals, Total and Amenable CN
	- 55 -						0.0	0.0				
End of Boring at 56'	- 56 -						0.0	0.0				
	- 57 -											
	- 58 -											
	- 59 -											
	- 60 -											

PSEG SC Former Halladay Street Gas Works **SCHOOR DEPALMA**
Interim Data Submittal No.4 **Page 1 of 6**
LOG OF SOIL BORING SB-54

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 11.40	PROJECT NUMBER 020667601
DRILLING CONTRACTOR Advanced Drilling, Inc.	FOREMAN Roger Logel	DATE STARTED 11/27/06	DATE COMPLETED 11/28/06
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		COMPLETION DEPTH (FT BGS) 56	ROCK DEPTH (FT) not encountered
TYPE BIT Hollow-stem auger	SIZE AND TYPE CORE BARREL N/A	NO. SAMPLES 26	DIST. 26 UNDIST. N/A CORE N/A
CASING N/A	WATER DEPTH N/A	FIRST 4.8	COMPL. N/A 24HR N/A
CASING HAMMER WEIGHT N/A	DROP N/A	BORING LOCATION: Eastern shoulder of Carteret Avenue, 95 ft SE from the eastern corner of the Halladay Street / Carteret Avenue intersection.	
SAMPLER 2" diameter, 2' long split-spoon	SAMPLER HAMMER WEIGHT 140 lbs.	DROP 30"	INSPECTOR Eric Gaulin

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BL/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
Cleared via hand digging to 4'; boring through asphalt; Fill consisted of brownish yellow (10YR6/8) fine to medium sand	- 0 - - - - 1 - - - - 2 - - - - 3 - - - - 4 -											
4.0-4.2 FILL: black fill, silt, wood	- 4 -		1	0.8	1	1455	0.0	0.0	1455	N/A	N/A	No odors or other evidence of contamination
4.2-6.0 FILL: white gray ash material (AM), clinker	- - - 5 -				1	0.0	0.0					
6.0-6.9 Black fine SAND with silty clay, highly plastic (SP)	- - - 6 -		2	1.1	1	1457	0.0	0.0	1457	N/A	N/A	No odors or other evidence of contamination
6.9-8.4 Disturbed brownish peat (PT) and organic matter	- - - 7 -				1	0.0	0.0					
8.4-10.0 Reddish grayish SILTY SANDY CLAY (CL)	- - - 8 - - - - 9 - - - - 10 -		3	0.7	1	1503	0.0	0.0	1503	N/A	N/A	No odors or other evidence of contamination
					1	0.0	0.0					
					1	0.0	0.0					

PSEG SC Former Halladay Street Gas Works **SCHOOR DEPALMA**
Interim Data Submittal No.4 **Page 2 of 6**
LOG OF SOIL BORING SB-54

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 11.40	PROJECT NUMBER 020667601
DRILLING CONTRACTOR Advanced Drilling, Inc.	FOREMAN Roger Logel	DATE STARTED 11/27/06	DATE COMPLETED 11/28/06
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		COMPLETION DEPTH (FT BGS) 56	ROCK DEPTH (FT) not encountered
TYPE BIT Hollow-stem auger	SIZE AND TYPE CORE BARREL N/A	NO. SAMPLES 26	DIST. N/A CORE N/A
CASING N/A	WATER DEPTH N/A	FIRST 4.8	COMPL. N/A 24HR N/A
CASING HAMMER WEIGHT N/A	DROP N/A	BORING LOCATION: Eastern shoulder of Carteret Avenue, 95 ft SE from the eastern corner of the Halladay Street / Carteret Avenue intersection.	
SAMPLER 2" diameter, 2' long split-spoon	INSPECTOR Eric Gaulin		
SAMPLER HAMMER WEIGHT 140 lbs.	DROP 30"		

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BU/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
10.0-14.0 Reddish grayish SILTY SANDY CLAY (CL), disturbed, trace wood, trace fine gravel	- 10 -		4	1.0	2	1512	0.0	0.0	1512	N/A	N/A	Sample SB-54(10.0-10.5) collected at for TCL VOC, TCL SVOC, TAL Metals, Total and Amenable CN
	- -				2		0.0	0.0				
	- 11 -				2							
	- -				3							
14.0-20.7 Very dark greenish gray (GLEY1 3/1 10Y), organic CLAY (OH), less than 1% peat fibers	- 12 -		5	0.7	2	1512	0.0	0.0	1512	N/A	N/A	Anaerobic, swampy odors
	- -				3		0.0	0.0				
	- 13 -				2							
	- -				3							
	- 14 -		6	2.0	1	1525	3.7	0.0	1525	N/A	N/A	Anaerobic, swampy odors
	- -				1		3.0	0.0				
	- 15 -				1		1.0					
	- -				1		0.0					
	- 16 -		7	2.0	1	1526	1.0	0.0	1526	N/A	N/A	Anaerobic, swampy odors
	- -				1		3.2	0.0				
	- 17 -				1		0.0	0.0				
	- -				1		5.2	0.0				
	- 18 -		8	2.0	1	1533	8.1	0.0	1533	N/A	N/A	Anaerobic, swampy odors
	- -				1		9.7	0.0				
	- 19 -				1		4.2	0.0				
	- -				1		1.0	0.0				
	- 20 -											

AECOM Note: Ground surface elevation = 10.28 ft NAVD88

PSEG SC Former Halladay Street Gas Works	SCHOOR DEPALMA
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LOG OF SOIL BORING SB-54	

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 11.40	PROJECT NUMBER 020667601
DRILLING CONTRACTOR Advanced Drilling, Inc.	FOREMAN Roger Logel	DATE STARTED 11/27/06	DATE COMPLETED 11/28/06
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		COMPLETION DEPTH (FT BGS) 56	ROCK DEPTH (FT) not encountered
TYPE BIT Hollow-stem auger	SIZE AND TYPE CORE BARREL N/A	NO. SAMPLES 26	DIST. 26
CASING N/A	WATER DEPTH N/A	FIRST 4.8	UNDIST. N/A
CASING HAMMER WEIGHT N/A	DROP N/A	BORING LOCATION: Eastern shoulder of Carteret Avenue, 95 ft SE from the eastern corner of the Halladay Street / Carteret Avenue intersection.	
SAMPLER 2" diameter, 2' long split-spoon	INSPECTOR Eric Gaulin		
SAMPLER HAMMER WEIGHT 140 lbs.	DROP 30"		

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BU/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
14.0-20.7 Very dark greenish gray (GLE Y1 3/1 10Y), organic CLAY (OH), less than 1% peat fibers	- 20 -		9	1.7	1	1541	3.3	0.0	1541	N/A	N/A	Anaerobic, swampy odors
	- 21 -				3	n/a	0.0					
					3	n/a	0.0					
20.7-24.8 Light gray fine SILTY SAND, 10% rounded gravel (SP)	- 22 -		10	1.6	4	1544	1.3	0.0	1544	N/A	N/A	Drilling ended here 11-27-06
	- 23 -				5	4.0	0.0					
					5	0.0	0.0					
24.8-26.0 Reddish brown (2.5YR4/4) fine to medium SAND (SW), trace silt	- 24 -		11	1.2	2	0835	0.0	0.0	0835	N/A	N/A	Drilling resumed here 11-28-06
	- 25 -				2	16.4	0.0					
					2	5.5	0.0					
26.0-27.2 Greyish red fine to coarse SAND (SW), trace silt	- 26 -		12	1.9	2	0843	12.7	0.0	0843	N/A	N/A	Extremely faint naphthalene-like odors, no sheen, no staining, no product
	- 27 -				3	21.1	0.0					
					2	8.6	0.0					
27.2-32.6 Dark reddish gray (5YR4/2) fine to medium SAND (SW), trace silt	- 28 -		13	1.6	2	0855	10.6	0.0	0855	N/A	N/A	Extremely faint naphthalene-like odors, no sheen, no staining, no product
	- 29 -				2	21.4	0.0					
					2	20.0	0.0					
	- 30 -				2							

AECOM Note: Ground surface elevation = 10.28 ft NAVD88

PROJECT LOCATION Halladay Street, Jersey City, NJ		GROUND ELEVATION (FT. MSL) 11.40		PROJECT NUMBER 020667601	
DRILLING CONTRACTOR Advanced Drilling, Inc.		FOREMAN Roger Logel		DATE COMPLETED 11/28/06	
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		DATE STARTED 11/27/06		ROCK DEPTH (FT) not encountered	
COMPLETION DEPTH (FT BGS) 56		NO. SAMPLES 26		UNDIST. N/A	
TYPE BIT Hollow-stem auger		SIZE AND TYPE CORE BARREL N/A		CORE N/A	
CASING N/A		WATER DEPTH 4.8		COMPL. N/A	
CASING HAMMER WEIGHT N/A		DROP N/A		BORING LOCATION: Eastern shoulder of Carteret Avenue, 95 ft SE from the eastern corner of the Halladay Street / Carteret Avenue intersection.	
SAMPLER 2" diameter, 2' long split-spoon		INSPECTOR Eric Gaulin			
SAMPLER HAMMER WEIGHT 140 lbs.		DROP 30"			

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BU/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
27.2-32.6 Dark reddish gray (5YR4/2) fine to medium SAND (SW), trace silt	- 30 -		14	1.0	2	0908	11.8	0.0	0908	N/A	N/A	Faint naphthalene-like odors, no sheen, no staining, no product
	- 31 -				1		20.3	0.0				
					2							
					2							
32.6-32.7 Reddish brown (2.5YR5/4) fine SANDY SILT (ML)	- 32 -		15	1.6	2	0913	4.6	0.0	0913	N/A	N/A	Faint naphthalene-like odors, no sheen, no staining, no product
	- 33 -				3		7.9	0.0				
					2		8.3	0.0				
					2		0.0	0.0				
32.7-36.0 Reddish brown (2.5YR5/4) fine SILTY SAND (SM)	- 34 -		16	0.8	2	0922	3.2	0.0	0922	N/A	N/A	Faint naphthalene-like odors, no sheen, no staining, no product
	- 35 -				2		7.0	0.0				
					2							
					2							
36.0-38.0 Reddish brown (2.5YR5/4) fine SAND (SP), trace silt	- 36 -		17	1.2	2	0924	10.6	0.0	0924	N/A	N/A	Stronger naphthalene-like odors, no sheen, no staining, no product Sample SB-54(36.5-37.0) collected at 0928 for TCL SVOC, TCL VOC, TAL Metals, Total and Amenable CN
	- 37 -				2		21.5	0.0				
					2		8.3	0.0				
					2							
38.0-42.0 Reddish brown (2.5YR5/4) fine SANDY SILT (ML)	- 38 -		18	1.1	2	0933	10.2	0.0	0933	N/A	N/A	Naphthalene-like odors, no sheen, no staining, no product
	- 39 -				1		15.3	0.0				
					2		33.2	0.0				
					2							
	- 40 -											

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LOG OF SOIL BORING SB-54

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 11.40	PROJECT NUMBER 020667601	
DRILLING CONTRACTOR Advanced Drilling, Inc.	FOREMAN Roger Logel	DATE STARTED 11/27/06	DATE COMPLETED 11/28/06	
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		COMPLETION DEPTH (FT BGS) 56	ROCK DEPTH (FT) not encountered	
TYPE BIT Hollow-stem auger	SIZE AND TYPE CORE BARREL N/A	NO. SAMPLES 26	DIST. 4.8	UNDIST. N/A
CASING N/A	WEIGHT N/A	WATER DEPTH 4.8	FIRST N/A	COMPL. N/A
CASING HAMMER N/A	WEIGHT N/A	DROP N/A	BORING LOCATION: Eastern shoulder of Carteret Avenue, 95 ft SE from the eastern corner of the Halladay Street / Carteret Avenue intersection.	
SAMPLER 2" diameter, 2' long split-spoon	WEIGHT 140 lbs.	DROP 30"	INSPECTOR Eric Gaulin	

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BL/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
38.0-42.0 Reddish brown (2.5YR5/4) fine SANDY SILT (ML)	- 40 -		19	0.4	2	0955	0.3	0.0	0955	N/A	N/A	Faint naphthalene-like odors, no sheen, no staining, no product
	- 41 -				2							
	- 42 -					2						
42.0-42.6 Reddish brown (2.5YR5/4) fine SILTY SAND (SM)	- 42 -		20	1.4	2	1006	12.9	0.0	1006	N/A	N/A	Faint naphthalene-like odors, no sheen, no staining, no product
	- 43 -				2		0.3	0.0				
	- 43 -					2		4.6	0.0			
42.6-46.3 Reddish brown (2.5YR5/4) fine SANDY SILT (ML)	- 44 -		21	1.1	2	1036	0.0	0.0	1036	N/A	N/A	Sample SB-54(42.5-43.0) collected at 1100 for TCL SVOC, TCL VOC, TAL Metals, Total and Amenable CN
	- 45 -				2		0.0	0.0				
	- 46 -				2		0.0	0.0				
46.3-48.0 Reddish brown (2.5YR5/4) SILTY CLAY (CL), trace fine sand	- 46 -		22	0.8	2	1047	0.0	0.0	1047	N/A	N/A	No odors this spoon
	- 47 -				3		0.0	0.0				
	- 48 -				3		0.0	0.0				
48.0-52.0 Reddish brown (2.5YR5/4) fine SAND (SP), trace silt	- 48 -		23	1.1	3	1100	0.0	0.0	1100	N/A	N/A	No odors his spoon
	- 49 -				3		0.0	0.0				
	- 50 -				3		0.0	0.0				

PSEG SC Former Halladay Street Gas Works **SCHOOR DEPALMA**
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LOG OF SOIL BORING SB-54

PROJECT LOCATION Halladay Street , Jersey City, NJ		GROUND ELEVATION (FT. MSL) 11.40		PROJECT NUMBER 020667601	
DRILLING CONTRACTOR Advanced Drilling, Inc.		FOREMAN Roger Logel		DATE COMPLETED 11/28/06	
DRILLING EQUIPMENT GEFCO SS 5 Drill Rig turning 4.25-inch hollow-stem augers		DATE STARTED 11/27/06		ROCK DEPTH (FT) not encountered	
COMPLETION DEPTH (FT BGS) 56		NO. SAMPLES 26		UNDIST. N/A	
TYPE BIT Hollow-stem auger		SIZE AND TYPE CORE BARREL N/A		CORE N/A	
CASING N/A		WATER DEPTH 4.8		COMPL. N/A	
CASING HAMMER WEIGHT N/A		DROP N/A		BORING LOCATION: Eastern shoulder of Carteret Avenue, 95 ft SE from the eastern corner of the Halladay Street / Carteret Avenue intersection.	
SAMPLER 2" diameter, 2' long split-spoon		INSPECTOR Eric Gaulin			
SAMPLER HAMMER WEIGHT 140 lbs.		DROP 30"			

DESCRIPTION	Sample Interval Depth (ft bgs)	Water Table	Samples				PID READINGS (PPM)					REMARKS
			Number	Recov. (ft)	Penetr. BL/6in	Time	Sample	Ambient Air	Time	Head Space	Time Date	
48.0-52.0 Reddish brown (2.5YR5/4) fine SAND (SP), trace silt	- 50 -		24	0.9	3	1123	0.0	0.0	1123	N/A	N/A	
	- -				3		0.0	0.0				
	- 51 -				2							
	- -				3							
52.0-56.0 Reddish brown (2.5YR5/4) fine to medium SAND (SW)	- 52 -		25	2.0	2	1125	0.0	0.0	1125	N/A	N/A	
	- -				3		0.0	0.0				
	- 53 -				3		0.0	0.0				
	- -				3		0.0	0.0				
End of Boring at 56'	- 54 -		26	2.0	3	1127	0.0	0.0	1127	N/A	N/A	Sample SB-54(55.5-56.0) collected at 1127 for TCL VOC, TCL SVOC, TAL Metals, Total and Amenable CN
	- -				3		0.0	0.0				
	- 55 -				3		0.0	0.0				
	- -				3		0.0	0.0				
	- 56 -											
	- 57 -											
	- 58 -											
	- 59 -											
	- 60 -											

**Appendices (Located in the AECOM Trailer and Previously
Submitted as part of the GA Group RAWP)**

Air Monitoring Plan

Dust Control Plan

Traffic Safety and Control Plan

Soil and Stockpile Management Plan

Program Health and Safety Plan

Contingency and Communications Plan