



ARCADIS of New York, Inc.
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MEMO

To:

Steven Scharf, P.E., NYSDEC
Katy Murphy, NYSDEC
Renata Ockerby, NYSDOH
Julia Schneider, Town of Oyster Bay
Bob Foster, Bayer
David Schnelzer, Bayer
Ramon Simon, Bayer

John Brussel, ARCADIS
David Kingsley, ARCADIS
Gregory McDermott, ARCADIS
Trevor Ertel, ARCADIS
Steve Marland, EQ
John Curran, EQ
David Kahn, Preferred Env.

From:

Andrew Enigk, ARCADIS

Date:

June 19, 2013

ARCADIS Project No.:

B0032305.0009

Subject:

Bayer MaterialScience LLC – 125 New South Road, Hicksville, New York
Weekly Progress Meeting Summary – June 12, 2013

This memorandum summarizes items discussed during the June 12, 2013 weekly progress meeting for the Operable Unit 4 (OU4) remedial activities being performed at the Bayer MaterialScience LLC (Bayer) site located at 125 New South Road in Hicksville, New York (the Site). The remedial activities are being implemented by Bayer's remedial contractor (EQ) with onsite construction/engineering oversight provided by ARCADIS.

ATTENDEES

The following personnel attended the meeting:

- Steve Scharf – NYSDEC (call-in)
- Katy Murphy – NYSDEC (call-in)
- Renata Ockerby – NYSDOH (call-in)
- Julia Schneider – Town of Oyster Bay (call-in)
- David Schnelzer – Bayer (call-in)
- Bob Foster – Bayer (call-in)
- Scott Krall – Bayer (call-in)
- John Brussel – ARCADIS (call-in)
- David Kingsley – ARCADIS (call-in)
- Andrew Enigk – ARCADIS (call-in)
- Greg McDermott – ARCADIS
- Steve Marland – EQ (call-in)

- John Curran – EQ
- Dave Kahn – Preferred Environmental Services

The meeting sign-in sheet is included as Attachment A.

HEALTH AND SAFETY MOMENT

- Dave Kingsley provided tips on maintaining hydration to avoid heat stress. He indicated that dehydration can still occur while consuming some sport drinks and that sport drinks should be supplemented with water. He also indicated that sun block should be used prior to its expiration date or it may not perform as well.

SAFETY/SAFE WORK PRACTICES

- EQ indicated that no incidents have occurred this week and that work has proceeded safely.

AIR MONITORING

- EQ's air monitoring and sampling subcontractor, Preferred Environmental Services (PES), has been performing community air monitoring during the project work. No volatile organic compounds (VOCs) or particulates have been measured above the action levels in the Community Air Monitoring Plan (CAMP) (i.e., 5 ppm above background for VOCs and 100 micrograms per cubic meter initial action level above background for particulates). PES continues to submit air monitoring results to the project team via e-mail.
- EQ continues to apply water from a "water buffalo" trailer behind a pick-up truck to suppress dust.

REVIEW/APPROVAL OF PRIOR MEETING MINUTES

There were no comments provided on the June 5, 2013 weekly progress meeting minutes.

REVIEW OF WORK PROGRESS

- EQ continued excavating "A" Group Excavation Areas for the last two weeks and completed the direct-loading of pre-characterized Areas 20A, 21A, and 35A. Soil from these areas was placed in the lined material staging area for waste characterization sampling to determine offsite transportation and disposal. EQ completed the load-out of former proposed "B" reuse soil from 1B through 8B and 11B (SP-1) for offsite transportation and disposal as non-hazardous waste at the Town of Brookhaven Landfill. A total of 175 truckloads of waste were transported offsite over the past two weeks for disposal at the Brookhaven landfill. Secured covers were in-place on all soil stockpiles when soil was not being actively added to or removed from the stockpiles.

- EQ completed demolition of concrete structures encountered during the excavation activities.
- PES continued collecting verification soil samples from completed excavations and waste characterization samples for laboratory analysis. The verification sample results table is provided as Attachment B.
- EQ continued to perform erosion and sediment control inspections.
- EQ's surveying subcontractor continued to conduct post-excavation surveying of the completed excavations.

PROPOSED WORK ACTIVITIES

EQ's two-week "look ahead" schedule is included as Attachment C and summarized below:

- Complete "A" Group soil excavation and waste load-out. Waste disposal will proceed at the Town of Brookhaven landfill (pending NYSDEC approval) but may also be transported to an alternative disposal facility to be obtained by EQ.
- Continue loading and offsite disposal of stockpiled Group "B" soil that will not be reused onsite as subsurface fill.
- Complete removal of "B" Group soils for offsite transportation and disposal.
- Continue verification and waste characterization sampling and analysis (as needed).
- Continue surveying post-excavation elevations and verification soil sampling locations/elevations.
- Continue implementation of the CAMP air monitoring and reporting and erosion/sediment control measures inspection, maintenance, and documentation.

OPEN DISCUSSION

- The NYSDEC Division of Environmental Remediation (DER) central office noted that Syed Rahman of the NYSDEC Division of Materials Management (DMM) Region 1 indicated that future waste characterization sample results for soil proposed for disposal at the Town of Brookhaven Landfill will need to be reported on a totals basis. Syed Rahman indicated he was going to contact someone from the project team to clarify. In June 14, 2013 e-mail correspondence from the DMM Region 1 to ARCADIS, the DMM rejected waste characterized by samples SP-3, SP-4, and SP-5 for disposal at the Town of Brookhaven Landfill.

- EQ inquired if the NYSDEC had a chance to review/approve the use of the proposed imported clean backfill material from East Coast Mines in East Quogue, NY. The NYSDEC indicated it would review the submittal after the call. The NYSDEC provided conditional approval for the use of the backfill material in June 14, 2013 e-mail correspondence to ARCADIS.
- The NYSDEC requested that the site contact list be revised to incorporate new contacts for Bayer (Scott Krall) and EQ (Steve Marland). ARCADIS indicated it would provide the revised contact list to the NYSDEC.

Upon receipt of this memorandum, please notify Mr. Andrew Enigk of ARCADIS at 315.671.9548 within 5 days if you believe that any portion of this summary does not accurately reflect issues discussed/resolved during the June 12, 2013 meeting, or if additional items should be recorded in this summary. If modifications are made, a follow-up memorandum will be distributed.

Attachment A

Sign-In Sheet

WEEKLY MEETING SIGN-IN
REMEDIAL DESIGN IMPLEMENTATION
BAYER MATERIAL SCIENCE, LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

DATE: 6/12/2013

[illegible]

Attachment B

Two-Week Look-Ahead

EQ NORTHEAST																											
Project:		Bayer Site OU-4 Remedial Action Contract # H89999																									
Date:		June 3, 2013																									
Superintendent:		John C																									
PM:		Dave C																									
2 Week Look Ahead Schedule																											
		6/3 - 6/7								6/10 - 6/14								6/17 -6/21									
Item	Description	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	Comments				
	Task Description		3	4	5	6	7			10	11	12	13	14			17	18	19	20	21						
	On Going Activities																										
	- Topo Survey & Stake A&B Grids																							Angle of Attack	Recapture bases		
	- Soil Sampling & Characterization																							Preferred Env.			
	- Dust Control (As Needed)																							EQ			
	Utility (Water) Cut & Cap @ Street																							Lines shut @ Str.	Hicksville Water		
	Gas line Cut/Cap @ Commerce Place																							Shut @ # 55	NG TBD		
	CAMP / Air Monitoring																							Preferred Env.			
	Excavation																										
	Grid B Soils -Excavated & Staged																										
	- SP3 & SP5 Load Out (Complete)																								Brookhaven LF		
	- SP 2 Sent out as Haz.																										
	- SP 1 & 4 Non Haz Disposal																								Brookhaven LF		
	Grid A Soils - Excavate & Stage on Pad																										
	Grids # 20, 21 & 35																										
	Concrete Breaking																										
	Documentation & Waste Soil Sampling																							Preferred Env.	Sample w/complete		
	Waste Transport & Disposal																							Brookhaven LF			
	- Non Haz. Trucking																										
	Mound Soils (Load Out Complete)																							Double Nickel	1,242.86 tons		
	Grid B Soils (SP 3 & 5) Completed																										
	Grid B Soils (SP 1 & 4)																								Brookhaven LF		
	Grid A Soils (Pad WC- 17, 18 & 19)																										
	Grid A Soils (# 20, 21, 33, 35) WC -20																							Not Complete			
	- Direct loading of Grid A soil material																							Double Nickel			
	Completed Area's (Grid A 13- 15)																							Brookhaven LF			
	Completed Area's (Grid A 17-19)																										
	Completed Area's (Grids A 25 - 28)																										
	- Non Haz. Concrete Disposal																							Brookhaven			
	- Haz. Truck to EQ (SP-2, 900 tons +/-)																							J &D - NJ / Mi			
	Backfilling Operations																										
	- Re-Use soils (3,000 +/-) Minimum																							Analytical Done	90 % to LF Disposal		
	- Imported Fill (2,000 + yds)																							Partial Backfill	Additional Source		
	- Topsoil (2,500 +/-)																										
	- Hydroseed (5 acres)																										
	Demobilization - (Temporary)																										
Alternate Work:																											
Needed Subcontractors:																											
Issues / Resolutions:																											

Attachment C

Post-Excavation Verification Soil
Analytical Results Table

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-1	V-RD-2	V-RD-3	V-RD-5	V-RD-6	V-RD-7	V-RD-8	V-RD-9	V-RD-10	V-RD-11	V-RD-12	
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0.5 - 2	0.5 - 2	0.5 - 2	
			04/09/13	04/09/13	04/09/13	04/09/13	04/09/13	04/09/13	04/09/13	04/09/13	04/09/13	04/05/13	04/05/13	04/05/13
			Area 1A	Area 1A	Area 1A	Area 1A	Area 1A	Area 1A	Area 1A	Area 1A	Area 2A	Area 2A	Area 2A	Area 2A
PCBs														
Aroclor 1016	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0258	<0.0279	<0.0282	<0.0273	
Aroclor 1221	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0258	<0.0279	<0.0282	<0.0273	
Aroclor 1232	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0258	<0.0279	<0.0282	<0.0273	
Aroclor 1242	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0258	<0.0279	<0.0282	<0.0273	
Aroclor 1248	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0258	<0.0279	<0.0282	0.470	
Aroclor 1254	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0258	<0.0279	<0.0282	<0.0273	
Aroclor 1260	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0258	<0.0279	<0.0282	<0.0273	
Total PCBs	1	10	NA	NA	NA	NA	NA	NA	NA	<0.0258	<0.0279	<0.0282	0.470	
SVOCs														
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	<0.170	<0.180	<0.180	<0.180	
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	<1.36	<1.44	<1.44	<1.44	
Metals														
Arsenic	16	16	8.80	6.59	5.47	10.3	34.2	66.0	17.6	1.18	3.21	3.04	7.03	
Cadmium	9.3	9.3	<0.160	<0.155	0.0900 J	<0.150	<0.160	<0.160	<0.150	<0.135	<0.140	<0.145	7.36	

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-13	V-RD-14	V-RD-15	V-RD-16	V-RD-17	V-RD-18	V-RD-19	V-RD-20	V-RD-21	V-RD-22	
	Surface	Subsurface	0.5 - 2	0.5 - 2	0.5 - 2	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
			04/05/13	04/05/13	04/09/13	04/05/13	04/05/13	04/05/13	04/05/13	04/05/13	04/05/13	04/09/13	04/09/13
			Area 2A	Area 2A	Area 2A	Area 3A	Area 3A	Area 3A	Area 3A	Area 3A	Area 3A	Area 4A	Area 4A
PCBs													
Aroclor 1016	--	--	<0.0277	<0.0282	<0.0295 [<0.0295]	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1221	--	--	<0.0277	<0.0282	<0.0295 [<0.0295]	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1232	--	--	<0.0277	<0.0282	<0.0295 [<0.0295]	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1242	--	--	<0.0277	<0.0282	<0.0295 [<0.0295]	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1248	--	--	0.620	13.0 D	<0.0295 [<0.0295]	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1254	--	--	<0.0277	<0.0282	0.190 [0.150]	NA	NA	NA	NA	NA	NA	NA	
Aroclor 1260	--	--	<0.0277	<0.0282	<0.0295 [<0.0295]	NA	NA	NA	NA	NA	NA	NA	
Total PCBs	1	10	0.620	13.0	0.190 [0.150]	NA	NA	NA	NA	NA	NA	NA	
SVOCs													
Acenaphthene	500	--	<0.180	<0.920	<0.190 [<0.190]	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	500	--	<0.180	<0.920	<0.190 [<0.190]	NA	NA	NA	NA	NA	NA	NA	
Anthracene	500	--	<0.180	<0.920	<0.190 [<0.190]	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)anthracene	5.6	--	<0.180	<0.920	0.310 J [0.610]	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	1	--	<0.180	<0.920	0.320 J [0.660]	NA	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	5.6	--	0.160 J	<0.920	0.490 [0.920]	NA	NA	NA	NA	NA	NA	NA	
Benzo(ghi)perylene	500	--	<0.180	<0.920	0.290 J [0.690]	NA	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	56	--	<0.180	<0.920	0.160 J [0.350 J]	NA	NA	NA	NA	NA	NA	NA	
Chrysene	56	--	<0.180	<0.920	0.410 [0.810]	NA	NA	NA	NA	NA	NA	NA	
Dibenzo(a,h)anthracene	0.56	--	<0.180	<0.920	<0.190 [<0.190]	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	500	--	0.180 J	0.750 J	0.790 [1.40]	NA	NA	NA	NA	NA	NA	NA	
Fluorene	500	--	<0.180	<0.920	<0.190 [<0.190]	NA	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	5.6	--	<0.180	<0.920	0.300 J [0.840]	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	500	--	<0.180	<0.920	<0.190 [<0.190]	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	500	--	0.160 J	<0.920	0.480 [0.750]	NA	NA	NA	NA	NA	NA	NA	
Pyrene	500	--	<0.180	<0.920	0.710 [1.40]	NA	NA	NA	NA	NA	NA	NA	
Total PAHs	--	500	1.67 J	7.65 J	4.83 J [9.00 J]	NA	NA	NA	NA	NA	NA	NA	
Metals													
Arsenic	16	16	12.3	9.46	12.8 [14.2]	23.3	21.3	37.9	26.7	35.3	3.59	8.57	
Cadmium	9.3	9.3	7.27	5.15	<0.165 [0.430]	<0.150	<0.160	<0.150	<0.160	0.390	0.760	0.910	

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-24	V-RD-25	V-RD-26	V-RD-27	V-RD-28	V-RD-29	V-RD-30	V-RD-31	V-RD-32	V-RD-33	V-RD-34
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3	2 - 3	2 - 3	2 - 3
			04/09/13	04/09/13	04/09/13	04/09/13	04/09/13	04/09/13	04/09/13	04/18/13	04/18/13	04/18/13	04/18/13
			Area 4A	Area 4A	Area 4A	Area 5A	Area 5A	Area 5A	Area 5A	Area 6A	Area 6A	Area 6A	Area 6A
PCBs													
Aroclor 1016	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0263	<0.0279	<0.0262	<0.0287
Aroclor 1221	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0263	<0.0279	<0.0262	<0.0287
Aroclor 1232	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0263	<0.0279	<0.0262	<0.0287
Aroclor 1242	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0263	<0.0279	<0.0262	<0.0287
Aroclor 1248	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0263	5.40 D	<0.0262	4.10 D
Aroclor 1254	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0263	<0.0279	<0.0262	<0.0287
Aroclor 1260	--	--	NA	NA	NA	NA	NA	NA	NA	<0.0263	<0.0279	<0.0262	<0.0287
Total PCBs	1	10	NA	NA	NA	NA	NA	NA	NA	<0.0263	5.40	<0.0262	4.10
SVOCs													
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals													
Arsenic	16	16	3.55	50.6	8.81	34.1	13.9	7.72	3.31	NA	NA	NA	NA
Cadmium	9.3	9.3	<0.145	0.300 J	2.75	<0.165	<0.165	<0.145	<0.130	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-35	V-RD-36	V-RD-37	V-RD-38	V-RD-39	V-RD-40	V-RD-41	V-RD-42	V-RD-43	V-RD-44
	Surface	Subsurface	2 - 3	2 - 3	2 - 3	2 - 3	4 - 4.5	4 - 4.5	4 - 4.5	0 - 0.5	0 - 0.5	0 - 0.5
			04/18/13	04/18/13	04/18/13	04/18/13	05/07/13	05/07/13	05/07/13	04/18/13	04/18/13	04/18/13
			Area 6A	Area 6A	Area 6A	Area 6A	Area 6A	Area 6A	Area 6A	Area 7A	Area 7A	Area 7A
PCBs												
Aroclor 1016	--	--	<0.0279	<0.0259	<0.0316	<0.0259	<0.0256	<0.0259	<0.0256 [<0.0257]	NA	NA	NA
Aroclor 1221	--	--	<0.0279	<0.0259	<0.0316	<0.0259	<0.0256	<0.0259	<0.0256 [<0.0257]	NA	NA	NA
Aroclor 1232	--	--	<0.0279	<0.0259	<0.0316	<0.0259	<0.0256	<0.0259	<0.0256 [<0.0257]	NA	NA	NA
Aroclor 1242	--	--	<0.0279	<0.0259	<0.0316	<0.0259	<0.0256	<0.0259	<0.0256 [<0.0257]	NA	NA	NA
Aroclor 1248	--	--	<0.0279	<0.0259	<0.0316	0.430	0.350	0.620	<0.0256 [<0.0257]	NA	NA	NA
Aroclor 1254	--	--	<0.0279	<0.0259	<0.0316	<0.0259	<0.0256	<0.0259	<0.0256 [<0.0257]	NA	NA	NA
Aroclor 1260	--	--	<0.0279	<0.0259	<0.0316	<0.0259	<0.0256	<0.0259	<0.0256 [<0.0257]	NA	NA	NA
Total PCBs	1	10	<0.0279	<0.0259	<0.0316	0.430	0.350	0.620	<0.0256 [<0.0257]	NA	NA	NA
SVOCs												
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.12
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.140

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-45	V-RD-46	V-RD-47	V-RD-48	V-RD-49	V-RD-50	V-RD-51	V-RD-52	V-RD-53	V-RD-54
	Surface	Subsurface	0 - 0.5	2 - 2.5	2 - 2.5	2 - 2.5	2 - 2.5	4 - 4.5	6 - 6.5	6 - 6.5	6 - 6.5	8 - 8.5
			04/18/13	04/09/13	04/09/13	04/16/13	04/09/13	04/16/13	05/03/13	05/03/13	05/03/13	05/03/13
			Area 7A	Area 8A	Area 8A	Area 9A	Area 9A	Area 9A	Area 10A	Area 10A	Area 10A	Area 10A
PCBs												
Aroclor 1016	--	--	NA	<0.0260	<0.0265	<0.0285	<0.0320	<0.0258	<0.0260	<0.0256	<0.0259	<0.0257
Aroclor 1221	--	--	NA	<0.0260	<0.0265	<0.0285	<0.0320	<0.0258	<0.0260	<0.0256	<0.0259	<0.0257
Aroclor 1232	--	--	NA	<0.0260	<0.0265	<0.0285	<0.0320	<0.0258	<0.0260	<0.0256	<0.0259	<0.0257
Aroclor 1242	--	--	NA	<0.0260	<0.0265	<0.0285	<0.0320	<0.0258	<0.0260	<0.0256	<0.0259	<0.0257
Aroclor 1248	--	--	NA	<0.0260	<0.0265	<0.0285	<0.0320	0.330	0.0806	<0.0256	<0.0259	0.0627 P
Aroclor 1254	--	--	NA	<0.0260	0.120	<0.0285	<0.0320	<0.0258	<0.0260	<0.0256	<0.0259	<0.0257
Aroclor 1260	--	--	NA	<0.0260	<0.0265	<0.0285	<0.0320	<0.0258	<0.0260	<0.0256	<0.0259	<0.0257
Total PCBs	1	10	NA	<0.0260	0.120	<0.0285	<0.0320	0.330	0.0806	<0.0256	<0.0259	0.0627
SVOCs												
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals												
Arsenic	16	16	10.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	<0.150	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-55	V-RD-56	V-RD-57	V-RD-58	V-RD-59	V-RD-60	V-RD-61	V-RD-62	V-RD-63	V-RD-64
	Surface	Subsurface	2.5 - 3.5	4 - 4.5	1 - 2	1 - 2	2 - 2.5	4 - 4.5	4 - 4.5	4 - 4.5	4 - 4.5	4 - 4.5
			04/18/13	04/18/13	04/18/13	04/18/13	04/18/13	05/03/13	05/03/13	05/03/13	05/03/13	05/03/13
			Area 11A	Area 11A	Area 12A	Area 12A	Area 12A	Area 13A	Area 13A	Area 13A	Area 13A	Area 13A
PCBs												
Aroclor 1016	--	--	<0.0266	<0.0255	<0.0282	<0.0257	<0.0292	<0.0258	<0.0284	<0.0257	<0.0264	<0.0266
Aroclor 1221	--	--	<0.0266	<0.0255	<0.0282	<0.0257	<0.0292	<0.0258	<0.0284	<0.0257	<0.0264	<0.0266
Aroclor 1232	--	--	<0.0266	<0.0255	<0.0282	<0.0257	<0.0292	<0.0258	<0.0284	<0.0257	<0.0264	<0.0266
Aroclor 1242	--	--	<0.0266	<0.0255	<0.0282	<0.0257	<0.0292	<0.0258	<0.0284	<0.0257	<0.0264	<0.0266
Aroclor 1248	--	--	0.550	0.240	0.120 P	1.50	0.250 P	<0.0258	9.80 D	0.430	69.8 D	0.960
Aroclor 1254	--	--	<0.0266	<0.0255	<0.0282	<0.0257	<0.0292	<0.0258	<0.0284	<0.0257	<0.0264	<0.0266
Aroclor 1260	--	--	<0.0266	<0.0255	<0.0282	<0.0257	<0.0292	<0.0258	<0.0284	<0.0257	<0.0264	<0.0266
Total PCBs	1	10	0.550	0.240	0.120	1.50	0.250	<0.0258	9.80	0.430	69.8	0.960
SVOCs												
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-65	V-RD-66	V-RD-67	V-RD-68	V-RD-69	V-RD-70	V-RD-71	V-RD-72	V-RD-73	V-RD-74	
	Surface	Subsurface	2 - 2.5	0 - 0.5	2 - 2.5	0 - 0.5	6 - 6.5	6 - 6.5	6 - 6.5	6 - 6.5	2 - 2.5	2 - 2.5	
			05/03/13	05/20/13	05/20/13	05/20/13	05/14/13	05/14/13	05/14/13	05/14/13	05/14/13	05/14/13	05/14/13
			Area 14A	Area 14A	Area 14A	Area 15A	Area 16A	Area 16A	Area 16A	Area 16A	Area 17A	Area 17A	
PCBs													
Aroclor 1016	--	--	<0.0257	<0.0282 [<0.0279]	<0.0260	<0.0267	<0.0263	<0.0261	<0.0259	<0.0289	<0.0259	<0.0261	
Aroclor 1221	--	--	<0.0257	<0.0282 [<0.0279]	<0.0260	<0.0267	<0.0263	<0.0261	<0.0259	<0.0289	<0.0259	<0.0261	
Aroclor 1232	--	--	<0.0257	<0.0282 [<0.0279]	<0.0260	<0.0267	<0.0263	<0.0261	<0.0259	<0.0289	<0.0259	<0.0261	
Aroclor 1242	--	--	<0.0257	<0.0282 [<0.0279]	<0.0260	<0.0267	<0.0263	<0.0261	<0.0259	<0.0289	<0.0259	<0.0261	
Aroclor 1248	--	--	<0.0257	3.80 D [4.60 D]	2.70 D	5.40 D	2.60 D	<0.0261	0.490	0.430	<0.0259	<0.0261	
Aroclor 1254	--	--	<0.0257	<0.0282 [<0.0279]	<0.0260	<0.0267	<0.0263	<0.0261	<0.0259	0.320	0.200	<0.0261	
Aroclor 1260	--	--	<0.0257	<0.0282 [<0.0279]	<0.0260	<0.0267	<0.0263	<0.0261	<0.0259	<0.0289	<0.0259	<0.0261	
Total PCBs	1	10	<0.0257	3.80 [4.60]	2.70	5.40	2.60	<0.0261	0.490	0.750	0.200	<0.0261	
SVOCs													
Acenaphthene	500	--	NA	3.20 [6.80]	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	500	--	NA	<0.190 [<0.190]	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	500	--	NA	6.50 [11.9]	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)anthracene	5.6	--	NA	11.8 [16.4 D]	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	1	--	NA	9.50 [13.2]	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	5.6	--	NA	6.40 [17.1 D]	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(ghi)perylene	500	--	NA	5.40 [7.90]	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	56	--	NA	9.40 [6.80]	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	56	--	NA	10.0 [16.3 D]	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenzo(a,h)anthracene	0.56	--	NA	1.40 J [2.20]	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	500	--	NA	22.7 D [37.4 D]	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	500	--	NA	3.30 [6.20]	NA	NA	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	5.6	--	NA	5.80 [7.00]	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	500	--	NA	1.50 J [4.70]	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	500	--	NA	18.8 D [35.0 D]	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	500	--	NA	18.7 D [26.6 D]	NA	NA	NA	NA	NA	NA	NA	NA	
Total PAHs	--	500	NA	134 J [216]	NA	NA	NA	NA	NA	NA	NA	NA	
Metals													
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-75	V-RD-76	V-RD-77	V-RD-78	V-RD-81	V-RD-82	V-RD-83	V-RD-84	V-RD-85	V-RD-91
	Surface	Subsurface	2 - 2.5	2 - 2.5	2 - 2.5	4 - 4.5	0 - 0.5	4 - 4.5	2 - 2.5	2 - 2.5	2 - 2.5	1.5 - 2
			05/14/13	05/07/13	05/07/13	05/14/13	05/07/13	05/07/13	05/07/13	05/07/13	05/07/13	06/04/13
			Area 17A	Area 17A	Area 17A	Area 17A	Area 18A	Area 19A	Area 19A	Area 19A	Area 19A	Area 21A
PCBs												
Aroclor 1016	--	--	<0.0257	<0.0258	<0.0256	<0.0258	<0.0267	<0.0263	<0.0256	<0.0276	<0.0258	<0.0111
Aroclor 1221	--	--	<0.0257	<0.0258	<0.0256	<0.0258	<0.0267	<0.0263	<0.0256	<0.0276	<0.0258	<0.0111
Aroclor 1232	--	--	<0.0257	<0.0258	<0.0256	<0.0258	<0.0267	<0.0263	<0.0256	<0.0276	<0.0258	<0.0111
Aroclor 1242	--	--	<0.0257	<0.0258	<0.0256	<0.0258	<0.0267	<0.0263	<0.0256	<0.0276	<0.0258	<0.0111
Aroclor 1248	--	--	<0.0257	<0.0258	2.00 D	0.0787	2.90 D	<0.0263	<0.0256	0.260 P	0.0829	0.0366 J
Aroclor 1254	--	--	<0.0257	<0.0258	<0.0256	<0.0258	<0.0267	<0.0263	<0.0256	<0.0276	<0.0258	<0.0111
Aroclor 1260	--	--	<0.0257	<0.0258	<0.0256	<0.0258	<0.0267	<0.0263	<0.0256	<0.0276	<0.0258	<0.0111
Total PCBs	1	10	<0.0257	<0.0258	2.00	0.0787	2.90	<0.0263	<0.0256	0.260	0.0829	0.0366 J
SVOCs												
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-92	V-RD-93	V-RD-94	V-RD-95	V-RD-96	V-RD-97	V-RD-98		V-RD-99	
	Surface	Subsurface	1.5 - 2	1.5 - 2	8 - 8.5	8 - 8.5	8 - 8.5	8 - 8.5	0 - 0.5	4 - 4.5	0 - 0.5	4 - 4.5
			06/04/13	06/04/13	05/16/13	05/16/13	05/16/13	05/16/13	05/16/13	05/16/13	05/16/13	05/16/13
			Area 21A	Area 21A	Area 22A	Area 22A	Area 22A	Area 22A	Area 23A	Area 23A	Area 23A	Area 23A
PCBs												
Aroclor 1016	--	--	<0.0104	<0.0107	<0.0259	<0.0257	<0.0258	<0.0255	<0.0266	<0.0295	<0.0253	<0.0257
Aroclor 1221	--	--	<0.0104	<0.0107	<0.0259	<0.0257	<0.0258	<0.0255	<0.0266	<0.0295	<0.0253	<0.0257
Aroclor 1232	--	--	<0.0104	<0.0107	<0.0259	<0.0257	<0.0258	<0.0255	<0.0266	<0.0295	<0.0253	<0.0257
Aroclor 1242	--	--	<0.0104	<0.0107	<0.0259	<0.0257	<0.0258	<0.0255	<0.0266	<0.0295	<0.0253	<0.0257
Aroclor 1248	--	--	3.60 E	2.80 E	<0.0259	<0.0257	<0.0258	<0.0255	10.6 DP	0.540 P	4.10 DP	0.0590
Aroclor 1254	--	--	<0.0104	<0.0107	<0.0259	<0.0257	<0.0258	<0.0255	<0.0266	<0.0295	<0.0253	<0.0257
Aroclor 1260	--	--	<0.0104	<0.0107	<0.0259	<0.0257	<0.0258	<0.0255	<0.0266	<0.0295	<0.0253	<0.0257
Total PCBs	1	10	3.60	2.80	<0.0259	<0.0257	<0.0258	<0.0255	10.6	0.540	4.10	0.0590
SVOCs												
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-100	V-RD-101	V-RD-102	V-RD-103	V-RD-104	V-RD-105	V-RD-106	V-RD-107	V-RD-108
	Surface	Subsurface	4 - 4.5	4 - 4.5	4 - 4.5	4 - 4.5	4 - 4.5	6 - 6.5	6 - 6.5	6 - 6.5	6 - 6.5
			05/16/13	05/16/13	05/16/13	05/16/13	05/16/13	05/16/13	05/31/13	05/31/13	05/31/13
			Area 23A	Area 24A	Area 24A	Area 24A	Area 24A	Area 24A	Area 25A	Area 25A	Area 25A
PCBs											
Aroclor 1016	--	--	<0.0259	<0.0258	<0.0271	<0.0262	<0.0255	<0.0256	<0.0102	<0.0102 [<0.0103]	<0.0103
Aroclor 1221	--	--	<0.0259	<0.0258	<0.0271	<0.0262	<0.0255	<0.0256	<0.0102	<0.0102 [<0.0103]	<0.0103
Aroclor 1232	--	--	<0.0259	<0.0258	<0.0271	<0.0262	<0.0255	<0.0256	<0.0102	<0.0102 [<0.0103]	<0.0103
Aroclor 1242	--	--	<0.0259	<0.0258	<0.0271	<0.0262	<0.0255	<0.0256	<0.0102	<0.0102 [<0.0103]	<0.0103
Aroclor 1248	--	--	<0.0259	33.1 DP	5.10 D	4.00 D	3.20 D	5.90 DP	<0.0102	0.750 [0.550]	2.30 E
Aroclor 1254	--	--	<0.0259	<0.0258	<0.0271	<0.0262	<0.0255	<0.0256	<0.0102	<0.0102 [<0.0103]	<0.0103
Aroclor 1260	--	--	<0.0259	<0.0258	<0.0271	<0.0262	<0.0255	<0.0256	<0.0102	<0.0102 [<0.0103]	<0.0103
Total PCBs	1	10	<0.0259	33.1	5.10	4.00	3.20	5.90	<0.0102	0.750 [0.550]	2.30
SVOCs											
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals											
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-109	V-RD-110	V-RD-111	V-RD-112	V-RD-114	V-RD-115	V-RD-119	V-RD-120	V-RD-121	V-RD-122
	Surface	Subsurface	6 - 6.5	0 - 0.5	3 - 3.5	6 - 6.5	6 - 6.5	6 - 6.5	2 - 2.5	2 - 2.5	2 - 2.5	4 - 4.5
			05/31/13	05/31/13	05/31/13	05/30/13	05/30/13	05/30/13	04/30/13	04/30/13	04/30/13	04/30/13
			Area 25A	Area 26A	Area 26A	Area 27A	Area 27A	Area 27A	Area 29A	Area 29A	Area 29A	Area 30A
PCBs												
Aroclor 1016	--	--	<0.0104	<0.0102	<0.0103	<0.0105	<0.0108	<0.0102	<0.0302	<0.0288	<0.0260	<0.0262
Aroclor 1221	--	--	<0.0104	<0.0102	<0.0103	<0.0105	<0.0108	<0.0102	<0.0302	<0.0288	<0.0260	<0.0262
Aroclor 1232	--	--	<0.0104	<0.0102	<0.0103	<0.0105	<0.0108	<0.0102	<0.0302	<0.0288	<0.0260	<0.0262
Aroclor 1242	--	--	<0.0104	<0.0102	<0.0103	<0.0105	<0.0108	<0.0102	<0.0302	<0.0288	<0.0260	<0.0262
Aroclor 1248	--	--	2.00 E	3.50 E	4.10 E	0.490	32.0 E	0.390	<0.0302	4.20 D	0.0793	0.780
Aroclor 1254	--	--	<0.0104	<0.0102	<0.0103	<0.0105	<0.0108	<0.0102	<0.0302	<0.0288	<0.0260	<0.0262
Aroclor 1260	--	--	<0.0104	<0.0102	<0.0103	<0.0105	<0.0108	<0.0102	<0.0302	<0.0288	<0.0260	<0.0262
Total PCBs	1	10	2.00	3.50	4.10	0.490	32.0	0.390	<0.0302	4.20	0.0793	0.780
SVOCs												
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-123	V-RD-124	V-RD-125	V-RD-126	V-RD-127	V-RD-131	V-RD-132	V-RD-133	V-RD-134	
	Surface	Subsurface	4 - 4.5	4 - 4.5	0 - 0.5	1.5 - 2	1.5 - 2	2 - 2.5	2 - 2.5	2 - 2.5	0 - 0.5	4 - 4.5
			04/30/13	04/30/13	04/26/13	04/26/13	04/26/13	05/20/13	05/20/13	05/20/13	04/25/13	04/25/13
			Area 30A	Area 30A	Area 31A	Area 31A	Area 31A	Area 33A	Area 33A	Area 33A	Area 34A	Area 34A
PCBs												
Aroclor 1016	--	--	<0.0269	<0.0263	<0.0279	<0.0265	<0.0277	<0.0256	<0.0302	<0.0299	<0.0280	<0.0259
Aroclor 1221	--	--	<0.0269	<0.0263	<0.0279	<0.0265	<0.0277	<0.0256	<0.0302	<0.0299	<0.0280	<0.0259
Aroclor 1232	--	--	<0.0269	<0.0263	<0.0279	<0.0265	<0.0277	<0.0256	<0.0302	<0.0299	<0.0280	<0.0259
Aroclor 1242	--	--	<0.0269	<0.0263	<0.0279	<0.0265	<0.0277	<0.0256	<0.0302	<0.0299	<0.0280	<0.0259
Aroclor 1248	--	--	<0.0269	<0.0263	0.790	<0.0265	0.380	<0.0256	<0.0302	<0.0299	2.60 D	<0.0259
Aroclor 1254	--	--	<0.0269	<0.0263	<0.0279	<0.0265	<0.0277	<0.0256	<0.0302	<0.0299	<0.0280	<0.0259
Aroclor 1260	--	--	<0.0269	<0.0263	<0.0279	<0.0265	<0.0277	<0.0256	<0.0302	<0.0299	<0.0280	<0.0259
Total PCBs	1	10	<0.0269	<0.0263	0.790	<0.0265	0.380	<0.0256	<0.0302	<0.0299	2.60	<0.0259
SVOCs												
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	1.20 J	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	0.840 J	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	1.10 J	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.910	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	1.00 J	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	9.60 J	NA
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-135		V-RD-136		V-RD-137	V-RD-138		V-RD-139		V-RD-145
	Surface	Subsurface	0 - 0.5	4 - 4.5	0 - 0.5	4 - 4.5	4 - 4.5	0 - 0.5	4 - 4.5	0 - 0.5	4 - 4.5	6 - 6.5
			04/25/13	04/25/13	04/25/13	04/25/13	04/25/13	04/25/13	04/25/13	04/25/13	04/25/13	05/29/13
			Area 34A	Area 34A	Area 34A	Area 34A	Area 34A	Area 34A	Area 34A	Area 34A	Area 34A	Area 36A
PCBs												
Aroclor 1016	--	--	<0.0275	<0.0257	<0.0277	<0.0257	<0.0258	<0.0270 [<0.0269]	<0.0255	<0.0273	<0.0260	<0.00340
Aroclor 1221	--	--	<0.0275	<0.0257	<0.0277	<0.0257	<0.0258	<0.0270 [<0.0269]	<0.0255	<0.0273	<0.0260	<0.00340
Aroclor 1232	--	--	<0.0275	<0.0257	<0.0277	<0.0257	<0.0258	<0.0270 [<0.0269]	<0.0255	<0.0273	<0.0260	<0.00340
Aroclor 1242	--	--	<0.0275	<0.0257	<0.0277	<0.0257	<0.0258	<0.0270 [<0.0269]	<0.0255	<0.0273	<0.0260	<0.00340
Aroclor 1248	--	--	<0.0275	<0.0257	0.0997	<0.0257	<0.0258	0.610 [0.460]	<0.0255	0.720	<0.0260	<0.00340
Aroclor 1254	--	--	<0.0275	<0.0257	<0.0277	<0.0257	<0.0258	<0.0270 [<0.0269]	<0.0255	<0.0273	<0.0260	0.0111 JP
Aroclor 1260	--	--	<0.0275	<0.0257	<0.0277	<0.0257	<0.0258	<0.0270 [<0.0269]	<0.0255	<0.0273	<0.0260	<0.00340
Total PCBs	1	10	<0.0275	<0.0257	0.0997	<0.0257	<0.0258	0.610 [0.460]	<0.0255	0.720	<0.0260	0.0111 J
SVOCs												
Acenaphthene	500	--	<0.180	NA	<0.180	NA	NA	<0.180 [<0.170]	NA	<0.180	NA	NA
Acenaphthylene	500	--	<0.180	NA	<0.180	NA	NA	<0.180 [<0.170]	NA	<0.180	NA	NA
Anthracene	500	--	<0.180	NA	<0.180	NA	NA	0.170 J [<0.170]	NA	0.200 J	NA	NA
Benzo(a)anthracene	5.6	--	<0.180	NA	<0.180	NA	NA	0.400 [0.220 J]	NA	0.600	NA	NA
Benzo(a)pyrene	1	--	<0.180	NA	<0.180	NA	NA	0.330 J [0.190 J]	NA	0.550	NA	NA
Benzo(b)fluoranthene	5.6	--	<0.180	NA	<0.180	NA	NA	0.440 [0.280 J]	NA	0.800	NA	NA
Benzo(ghi)perylene	500	--	<0.180	NA	<0.180	NA	NA	0.210 J [<0.170]	NA	0.340 J	NA	NA
Benzo(k)fluoranthene	56	--	<0.180	NA	<0.180	NA	NA	0.180 J [<0.170]	NA	0.210 J	NA	NA
Chrysene	56	--	<0.180	NA	<0.180	NA	NA	0.430 [0.230 J]	NA	0.620	NA	NA
Dibenzo(a,h)anthracene	0.56	--	<0.180	NA	<0.180	NA	NA	<0.180 [<0.170]	NA	<0.180	NA	NA
Fluoranthene	500	--	<0.180	NA	<0.180	NA	NA	0.900 [0.510]	NA	1.20	NA	NA
Fluorene	500	--	<0.180	NA	<0.180	NA	NA	<0.180 [<0.170]	NA	<0.180	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	<0.180	NA	<0.180	NA	NA	0.170 J [<0.170]	NA	0.280 J	NA	NA
Naphthalene	500	--	<0.180	NA	<0.180	NA	NA	<0.180 [<0.170]	NA	<0.180	NA	NA
Phenanthrene	500	--	<0.180	NA	<0.180	NA	NA	0.670 [0.340 J]	NA	0.780	NA	NA
Pyrene	500	--	<0.180	NA	<0.180	NA	NA	0.770 [0.430]	NA	1.10	NA	NA
Total PAHs	--	500	<1.44	NA	<1.44	NA	NA	5.12 J [2.97 J]	NA	7.13 J	NA	NA
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-146	V-RD-147	V-RD-148	V-RD-149	V-RD-150	V-RD-151	V-RD-152	V-RD-153	V-RD-154	V-RD-155
	Surface	Subsurface	6.5 - 7.5	8 - 8.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
			05/03/13	05/03/13	03/18/13	03/18/13	03/18/13	03/20/13	03/20/13	03/20/13	03/20/13	03/20/13
			Area 37A	Area 37A	Area 1B	Area 1B	Area 1B	Area 3B	Area 3B	Area 3B	Area 3B	Area 3B
PCBs												
Aroclor 1016	--	--	<0.0258	<0.0262 [<0.0260]	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	--	--	<0.0258	<0.0262 [<0.0260]	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	--	--	<0.0258	<0.0262 [<0.0260]	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	--	--	<0.0258	<0.0262 [<0.0260]	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	--	--	0.950	4.90 D [5.00 D]	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	--	--	<0.0258	<0.0262 [<0.0260]	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	--	--	<0.0258	<0.0262 [<0.0260]	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1	10	0.950	4.90 [5.00]	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs												
Acenaphthene	500	--	NA	NA	<0.205	<0.900	<0.900	<0.180 [<0.185]	<0.190	<0.950	<0.190	<0.190
Acenaphthylene	500	--	NA	NA	<0.205	<0.900	<0.900	<0.180 [<0.185]	<0.190	<0.950	<0.190	<0.190
Anthracene	500	--	NA	NA	0.280 J	1.30 J	1.30 J	<0.180 [<0.185]	<0.190	1.00 J	0.160 J	<0.190
Benzo(a)anthracene	5.6	--	NA	NA	0.870	6.90	6.20	<0.180 [<0.185]	0.270 J	4.50	1.30	1.70
Benzo(a)pyrene	1	--	NA	NA	1.20	8.50	7.50	<0.180 [<0.185]	0.340 J	5.40	1.40	1.60
Benzo(b)fluoranthene	5.6	--	NA	NA	1.60	9.20	7.70	<0.180 [0.180 J]	0.450	5.80	1.90	2.30
Benzo(ghi)perylene	500	--	NA	NA	0.670	7.70	7.10	<0.180 [0.160 J]	0.410	5.10	1.30	1.40
Benzo(k)fluoranthene	56	--	NA	NA	0.730	3.20	3.10	<0.180 [<0.185]	<0.190	2.60	0.720	0.640
Chrysene	56	--	NA	NA	1.00	7.30	6.70	<0.180 [0.170 J]	0.420	5.60	2.10	2.00
Dibenzo(a,h)anthracene	0.56	--	NA	NA	<0.205	1.50 J	1.40 J	<0.180 [<0.185]	<0.190	1.40 J	0.280 J	0.280 J
Fluoranthene	500	--	NA	NA	1.70	8.90	7.40	0.160 J [0.240 J]	0.630	7.30	4.50 D	3.00
Fluorene	500	--	NA	NA	<0.205	<0.900	<0.900	<0.180 [<0.185]	<0.190	<0.950	<0.190	<0.190
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	0.440	12.6	12.3	0.170 J [0.300 J]	0.650	9.80	2.20	2.40
Naphthalene	500	--	NA	NA	<0.205	<0.900	<0.900	<0.180 [<0.185]	<0.190	<0.950	<0.190	<0.190
Phenanthrene	500	--	NA	NA	0.540	3.50	3.60	<0.180 [0.150 J]	0.360 J	4.00	2.20	1.80
Pyrene	500	--	NA	NA	1.10	7.70	7.90	0.170 J [0.170 J]	0.700	6.60	2.70	2.80
Total PAHs	--	500	NA	NA	10.6 J	80.1 J	74.0 J	1.67 J [2.20 J]	4.90 J	61.0 J	21.1 J	20.4 J
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-156	V-RD-157	V-RD-158	V-RD-159	V-RD-160	V-RD-161	V-RD-162	V-RD-163	V-RD-164	V-RD-165	
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
			03/20/13	03/19/13	03/19/13	03/19/13	03/19/13	04/30/13	04/30/13	04/30/13	04/30/13	04/30/13	04/30/13
			Area 3B	Area 4B	Area 4B	Area 4B	Area 4B	Area 5B	Area 5B	Area 5B	Area 5B	Area 5B	Area 5B
PCBs													
Aroclor 1016	--	--	NA	NA	NA	NA	NA	<0.0279	<0.0282	<0.0282	<0.0285	<0.0273	
Aroclor 1221	--	--	NA	NA	NA	NA	NA	<0.0279	<0.0282	<0.0282	<0.0285	<0.0273	
Aroclor 1232	--	--	NA	NA	NA	NA	NA	<0.0279	<0.0282	<0.0282	<0.0285	<0.0273	
Aroclor 1242	--	--	NA	NA	NA	NA	NA	<0.0279	<0.0282	<0.0282	<0.0285	<0.0273	
Aroclor 1248	--	--	NA	NA	NA	NA	NA	0.710	6.80 D	0.810 P	0.360 P	0.380 P	
Aroclor 1254	--	--	NA	NA	NA	NA	NA	<0.0279	<0.0282	<0.0282	<0.0285	<0.0273	
Aroclor 1260	--	--	NA	NA	NA	NA	NA	<0.0279	<0.0282	<0.0282	<0.0285	<0.0273	
Total PCBs	1	10	NA	NA	NA	NA	NA	0.710	6.80	0.810	0.360	0.380	
SVOCs													
Acenaphthene	500	--	0.830	<0.190	<0.950	<0.175	<0.190	NA	NA	NA	NA	NA	
Acenaphthylene	500	--	<0.185	<0.190	<0.950	<0.175	<0.190	NA	NA	NA	NA	NA	
Anthracene	500	--	1.10	<0.190	<0.950	<0.175	<0.190	NA	NA	NA	NA	NA	
Benzo(a)anthracene	5.6	--	4.80 D	<0.190	1.40 J	<0.175	<0.190	NA	NA	NA	NA	NA	
Benzo(a)pyrene	1	--	4.70 D	<0.190	1.30 J	<0.175	<0.190	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	5.6	--	5.60 D	<0.190	1.40 J	<0.175	<0.190	NA	NA	NA	NA	NA	
Benzo(ghi)perylene	500	--	4.00 D	<0.190	1.20 J	<0.175	<0.190	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	56	--	1.70	<0.190	<0.950	<0.175	<0.190	NA	NA	NA	NA	NA	
Chrysene	56	--	5.10 D	<0.190	1.30 J	<0.175	<0.190	NA	NA	NA	NA	NA	
Dibenzo(a,h)anthracene	0.56	--	0.670	<0.190	<0.950	<0.175	<0.190	NA	NA	NA	NA	NA	
Fluoranthene	500	--	9.20 D	<0.190	1.90	<0.175	<0.190	NA	NA	NA	NA	NA	
Fluorene	500	--	0.440	<0.190	<0.950	<0.175	<0.190	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	5.6	--	6.10 D	<0.190	2.00	<0.175	<0.190	NA	NA	NA	NA	NA	
Naphthalene	500	--	0.270 J	<0.190	<0.950	<0.175	<0.190	NA	NA	NA	NA	NA	
Phenanthrene	500	--	6.00 D	<0.190	0.980 J	<0.175	<0.190	NA	NA	NA	NA	NA	
Pyrene	500	--	8.60 D	<0.190	2.30	<0.175	<0.190	NA	NA	NA	NA	NA	
Total PAHs	--	500	59.2 J	<1.52	17.1 J	<1.40	<1.52	NA	NA	NA	NA	NA	
Metals													
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-166	V-RD-167	V-RD-168	V-RD-169	V-RD-179	V-RD-180	V-RD-181	V-RD-182	V-RD-183	V-RD-184	
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
			04/30/13	03/19/13	03/19/13	03/19/13	03/25/13	03/25/13	03/25/13	03/25/13	03/25/13	03/25/13	03/25/13
			Area 5B	Area 2B	Area 2B	Area 2B	Area 7B	Area 7B	Area 7B	Area 7B	Area 7B	Area 7B	Area 7B
PCBs													
Aroclor 1016	--	--	<0.0286	<0.0105	<0.00950	<0.0100	NA	NA	NA	NA	NA	NA	
Aroclor 1221	--	--	<0.0286	<0.0105	<0.00950	<0.0100	NA	NA	NA	NA	NA	NA	
Aroclor 1232	--	--	<0.0286	<0.0105	<0.00950	<0.0100	NA	NA	NA	NA	NA	NA	
Aroclor 1242	--	--	<0.0286	<0.0105	<0.00950	<0.0100	NA	NA	NA	NA	NA	NA	
Aroclor 1248	--	--	0.120	<0.0105	<0.00950	<0.0100	NA	NA	NA	NA	NA	NA	
Aroclor 1254	--	--	<0.0286	<0.0105	<0.00950	<0.0100	NA	NA	NA	NA	NA	NA	
Aroclor 1260	--	--	<0.0286	<0.0105	<0.00950	<0.0100	NA	NA	NA	NA	NA	NA	
Total PCBs	1	10	0.120	<0.0105	<0.00950	<0.0100	NA	NA	NA	NA	NA	NA	
SVOCs													
Acenaphthene	500	--	NA	NA	NA	NA	0.160 J	0.200 J	0.390	<0.180	<1.40	<4.55	
Acenaphthylene	500	--	NA	NA	NA	NA	<0.180	<0.170	<0.180	<0.180	<1.40	<4.55	
Anthracene	500	--	NA	NA	NA	NA	0.240 J	0.270 J	0.550	<0.180	<1.40	<4.55	
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	1.00	0.860	2.00	<0.180	<1.40	<4.55	
Benzo(a)pyrene	1	--	NA	NA	NA	NA	1.10	0.860	2.00	<0.180	<1.40	<4.55	
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	1.40	1.10	2.50	<0.180	<1.40	<4.55	
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	0.990	0.720	1.90	<0.180	<1.40	<4.55	
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	0.330 J	0.320 J	0.810	<0.180	<1.40	<4.55	
Chrysene	56	--	NA	NA	NA	NA	1.00	0.890	2.30	<0.180	<1.40	<4.55	
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	0.200 J	0.150 J	0.410	<0.180	<1.40	<4.55	
Fluoranthene	500	--	NA	NA	NA	NA	1.70	1.50	3.00 D	0.150 J	<1.40	<4.55	
Fluorene	500	--	NA	NA	NA	NA	<0.180	<0.170	0.220 J	<0.180	<1.40	<4.55	
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	1.50	0.810	2.80	<0.180	<1.40	<4.55	
Naphthalene	500	--	NA	NA	NA	NA	<0.180	<0.170	<0.180	<0.180	<1.40	<4.55	
Phenanthrene	500	--	NA	NA	NA	NA	0.980	1.10	2.30	<0.180	<1.40	<4.55	
Pyrene	500	--	NA	NA	NA	NA	1.40	1.40	2.80	<0.180	<1.40	<4.55	
Total PAHs	--	500	NA	NA	NA	NA	12.3 J	10.4 J	24.2 J	1.50 J	<11.2	<36.4	
Metals													
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-185	V-RD-186	V-RD-187	V-RD-188	V-RD-189	V-RD-190	V-RD-191	V-RD-192	V-RD-193	V-RD-194
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
			03/22/13	03/22/13	03/22/13	03/22/13	03/25/13	03/25/13	03/22/13	03/22/13	03/22/13	03/25/13
			Area 11B	Area 11B	Area 11B	Area 11B	Area 10B	Area 10B	Area 10B	Area 10B	Area 10B	Area 10B
PCBs												
Aroclor 1016	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	1	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs												
Acenaphthene	500	--	<0.900	5.10 J	<0.900	<0.950	0.570	0.170 J	<0.180	<0.175	1.70 J	0.150 J
Acenaphthylene	500	--	<0.900	<4.60	<0.900	<0.950	<0.180	<0.180	<0.180	<0.175	<0.900	<0.175
Anthracene	500	--	1.00 J	8.40 J	1.20 J	1.30 J	0.990	0.320 J	<0.180	0.150 J	2.50	0.270 J
Benzo(a)anthracene	5.6	--	3.70	19.4	5.00	7.40	3.80 D	1.40	<0.180	0.630	6.90	1.30
Benzo(a)pyrene	1	--	3.30	18.7	5.70	7.30	4.30 D	1.70	<0.180	0.690	7.10	1.60
Benzo(b)fluoranthene	5.6	--	4.40	25.1	5.40	9.80	5.10 D	1.80	<0.180	1.20	9.70	1.80
Benzo(ghi)perylene	500	--	1.80	10.8	2.80	4.30	4.20 D	1.70	<0.180	0.710	6.80	1.50
Benzo(k)fluoranthene	56	--	2.00	9.70	1.90	3.20	1.70	0.760	<0.180	0.700	4.00	0.720
Chrysene	56	--	3.90	22.0	5.60	7.70	4.10 D	1.60	<0.180	1.40	7.70	1.50
Dibenzo(a,h)anthracene	0.56	--	<0.900	<4.60	<0.900	0.920 J	0.790	0.350 J	<0.180	0.140 J	1.40 J	0.310 J
Fluoranthene	500	--	4.70	42.4	9.60	12.0 D	5.90 D	2.30	<0.180	1.10	10.8	2.30
Fluorene	500	--	<0.900	3.90 J	<0.900	<0.950	0.350 J	<0.180	<0.180	<0.175	1.20 J	<0.175
Indeno(1,2,3-cd)pyrene	5.6	--	1.90	11.1	3.20	4.10	5.30 D	2.50	<0.180	0.560	6.30	2.10
Naphthalene	500	--	<0.900	<4.60	<0.900	<0.950	0.150 J	<0.180	<0.180	<0.175	<0.900	<0.175
Phenanthrene	500	--	3.50	29.6	4.00	3.50	4.10 D	1.20	<0.180	0.480	9.40	1.10
Pyrene	500	--	6.10	35.5	8.90	11.5 D	7.30 D	2.40	<0.180	1.20	13.1	1.90
Total PAHs	--	500	38.6 J	249 J	55.6 J	74.9 J	48.7 J	18.5 J	<1.44	9.31 J	89.5 J	16.8 J
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-195	V-RD-196	V-RD-197	V-RD-198	V-RD-199	V-RD-200	V-RD-201	V-RD-202	V-RD-203	V-RD-204	
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
			05/01/13	05/01/13	05/01/13	05/01/13	05/01/13	05/01/13	05/01/13	04/30/13	04/30/13	04/30/13	04/30/13
			Area 9B	Area 9B	Area 9B	Area 9B	Area 9B	Area 9B	Area 9B	Area 6B	Area 6B	Area 6B	Area 6B
PCBs													
Aroclor 1016	--	--	NA	NA	NA	NA	NA	NA	<0.0265	<0.0268	<0.0262	<0.0270	
Aroclor 1221	--	--	NA	NA	NA	NA	NA	NA	<0.0265	<0.0268	<0.0262	<0.0270	
Aroclor 1232	--	--	NA	NA	NA	NA	NA	NA	<0.0265	<0.0268	<0.0262	<0.0270	
Aroclor 1242	--	--	NA	NA	NA	NA	NA	NA	<0.0265	<0.0268	<0.0262	<0.0270	
Aroclor 1248	--	--	NA	NA	NA	NA	NA	NA	110 D	0.640	3.10 D	8.50 D	
Aroclor 1254	--	--	NA	NA	NA	NA	NA	NA	<0.0265	<0.0268	<0.0262	<0.0270	
Aroclor 1260	--	--	NA	NA	NA	NA	NA	NA	<0.0265	<0.0268	<0.0262	<0.0270	
Total PCBs	1	10	NA	NA	NA	NA	NA	NA	110	0.640	3.10	8.50	
SVOCs													
Acenaphthene	500	--	<0.170	<4.30	<4.20	<4.30	<4.40 [<u><4.30</u>]	<4.40	NA	NA	NA	NA	
Acenaphthylene	500	--	<0.170	<4.30	<4.20	<4.30	<4.40 [<u><4.30</u>]	<4.40	NA	NA	NA	NA	
Anthracene	500	--	<0.170	<4.30	<4.20	5.00 J	<4.40 [<u><4.30</u>]	7.40 J	NA	NA	NA	NA	
Benzo(a)anthracene	5.6	--	<0.170	5.20 J	<4.20	15.0	<4.40 [<u><4.30</u>]	18.4	NA	NA	NA	NA	
Benzo(a)pyrene	1	--	<0.170	5.60 J	<4.20	15.3	<4.40 [<u><4.30</u>]	17.4	NA	NA	NA	NA	
Benzo(b)fluoranthene	5.6	--	<0.170	7.70 J	3.50 J	18.0	3.90 J [<u><4.30</u>]	21.9	NA	NA	NA	NA	
Benzo(ghi)perylene	500	--	<0.170	3.80 J	<4.20	9.50	<4.40 [<u><4.30</u>]	10.1	NA	NA	NA	NA	
Benzo(k)fluoranthene	56	--	<0.170	<4.30	<4.20	7.10 J	<4.40 [<u><4.30</u>]	6.90 J	NA	NA	NA	NA	
Chrysene	56	--	<0.170	5.60 J	<4.20	15.1	<4.40 [<u><4.30</u>]	18.0	NA	NA	NA	NA	
Dibenzo(a,h)anthracene	0.56	--	<0.170	<4.30	<4.20	<4.30	<4.40 [<u><4.30</u>]	<4.40	NA	NA	NA	NA	
Fluoranthene	500	--	0.200 J	10.9	4.60 J	29.9	4.80 J [<u><4.30</u>]	37.8	NA	NA	NA	NA	
Fluorene	500	--	<0.170	<4.30	<4.20	<4.30	<4.40 [<u><4.30</u>]	<4.40	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	5.6	--	<0.170	<4.30	<4.20	8.20 J	<4.40 [<u><4.30</u>]	8.60 J	NA	NA	NA	NA	
Naphthalene	500	--	<0.170	<4.30	<4.20	<4.30	<4.40 [<u><4.30</u>]	<4.40	NA	NA	NA	NA	
Phenanthrene	500	--	<0.170	5.60 J	<4.20	15.5	<4.40 [<u><4.30</u>]	25.8	NA	NA	NA	NA	
Pyrene	500	--	0.170 J	9.20	4.00 J	26.0	4.30 J [<u><4.30</u>]	32.9	NA	NA	NA	NA	
Total PAHs	--	500	1.56 J	70.8 J	39.4 J	175 J	41.6 J [<u><34.4</u>]	216 J	NA	NA	NA	NA	
Metals													
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-205	V-RD-206	V-RD-207	V-RD-208	V-RD-209	V-RD-210	V-RD-211	V-RD-212	V-RD-213
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
			03/22/13	03/22/13	03/22/13	04/01/13	04/01/13	04/02/13	04/01/13	04/01/13	04/02/13
			Area 8B	Area 8B	Area 8B	Area 12B	Area 12B	Area 14B	Area 13B	Area 13B	Area 13B
PCBs											
Aroclor 1016	--	--	<0.0100 [<0.0100]	<0.00950	<0.00950	<0.0275	<0.0280	<0.0280	<0.0265	<0.0265	<0.0285
Aroclor 1221	--	--	<0.0100 [<0.0100]	<0.00950	<0.00950	<0.0275	<0.0280	<0.0280	<0.0265	<0.0265	<0.0285
Aroclor 1232	--	--	<0.0100 [<0.0100]	<0.00950	<0.00950	<0.0275	<0.0280	<0.0280	<0.0265	<0.0265	<0.0285
Aroclor 1242	--	--	<0.0100 [<0.0100]	<0.00950	<0.00950	<0.0275	<0.0280	<0.0280	<0.0265	<0.0265	<0.0285
Aroclor 1248	--	--	0.660 D [0.520 D]	3.50 D	3.60 D	4.90 D	1.70 D	<0.0280	<0.0265	3.50 D	15.0 D
Aroclor 1254	--	--	<0.0100 [<0.0100]	<0.00950	<0.00950	<0.0275	<0.0280	<0.0280	<0.0265	<0.0265	<0.0285
Aroclor 1260	--	--	<0.0100 [<0.0100]	<0.00950	<0.00950	<0.0275	<0.0280	<0.0280	<0.0265	<0.0265	<0.0285
Total PCBs	1	10	0.660 [0.520]	3.50	3.60	4.90	1.70	<0.0280	<0.0265	3.50	15.0
SVOCs											
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals											
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-214	V-RD-215	V-RD-216	V-RD-217	V-RD-218	V-RD-219	V-RD-220	V-RD-221	V-RD-222	V-RD-223	
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
			04/01/13	04/01/13	04/01/13	04/03/13	04/03/13	04/30/13	04/30/13	04/30/13	04/03/13	04/02/13	04/30/13
			Area 13B	Area 13B	Area 13B	Area 14B	Area 14B	Area 14B	Area 14B	Area 14B	Area 14B	Area 16B	Area 16B
PCBs													
Aroclor 1016	--	--	<0.0270	<0.0300	<0.0300	<0.00900	<0.00900	<0.0270	<0.0281	<0.00850	<0.0290	<0.280	
Aroclor 1221	--	--	<0.0270	<0.0300	<0.0300	<0.00900	<0.00900	<0.0270	<0.0281	<0.00850	<0.0290	<0.280	
Aroclor 1232	--	--	<0.0270	<0.0300	<0.0300	<0.00900	<0.00900	<0.0270	<0.0281	<0.00850	<0.0290	<0.280	
Aroclor 1242	--	--	<0.0270	<0.0300	<0.0300	<0.00900	<0.00900	<0.0270	<0.0281	<0.00850	<0.0290	<0.280	
Aroclor 1248	--	--	1.90 D	7.70 D	12.0 D	2.80 D	0.0340	0.350	0.380	4.20 D	2.30 DP	275 D	
Aroclor 1254	--	--	<0.0270	<0.0300	<0.0300	<0.00900	<0.00900	<0.0270	<0.0281	<0.00850	<0.0290	<0.280	
Aroclor 1260	--	--	<0.0270	<0.0300	<0.0300	<0.00900	<0.00900	<0.0270	<0.0281	<0.00850	<0.0290	<0.280	
Total PCBs	1	10	1.90	7.70	12.0	2.80	0.0340	0.350	0.380	4.20	2.30	275	
SVOCs													
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals													
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-224	V-RD-225	V-RD-226	V-RD-228	V-RD-229	V-RD-230	V-RD-231	V-RD-232	V-RD-233	V-RD-234
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
			03/28/13	03/28/13	03/27/13	03/27/13	03/27/13	03/27/13	03/27/13	03/28/13	03/27/13	03/27/13
			Area 16B	Area 16B	Area 16B	Area 16B	Area 16B	Area 16B	Area 16B	Area 16B	Area 16B	Area 16B
PCBs												
Aroclor 1016	--	--	<0.0100	<0.00950	<0.0105	<0.00950	<0.0105	<0.0105	<0.00900	<0.00900	<0.00950	<0.0100
Aroclor 1221	--	--	<0.0100	<0.00950	<0.0105	<0.00950	<0.0105	<0.0105	<0.00900	<0.00900	<0.00950	<0.0100
Aroclor 1232	--	--	<0.0100	<0.00950	<0.0105	<0.00950	<0.0105	<0.0105	<0.00900	<0.00900	<0.00950	<0.0100
Aroclor 1242	--	--	<0.0100	<0.00950	<0.0105	<0.00950	<0.0105	<0.0105	<0.00900	<0.00900	<0.00950	<0.0100
Aroclor 1248	--	--	0.190	1.90 D	0.220	1.80 D	1.30 DP	12.0 D	0.0490	9.70 D	1.90 D	100 D
Aroclor 1254	--	--	<0.0100	<0.00950	<0.0105	<0.00950	<0.0105	<0.0105	<0.00900	<0.00900	<0.00950	<0.0100
Aroclor 1260	--	--	<0.0100	<0.00950	<0.0105	<0.00950	<0.0105	<0.0105	<0.00900	<0.00900	<0.00950	<0.0100
Total PCBs	1	10	0.190	1.90	0.220	1.80	1.30	12.0	0.0490	9.70	1.90	100
SVOCs												
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-235	V-RD-236	V-RD-237	V-RD-238	V-RD-239	V-RD-240	V-RD-241	V-RD-242	V-RD-243	V-RD-244	
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
			03/27/13	03/27/13	05/01/13	05/01/13	05/01/13	05/01/13	05/01/13	05/01/13	05/01/13	05/01/13	04/03/13
			Area 16B	Area 16B	Area 17B	Area 17B	Area 17B	Area 17B	Area 17B	Area 17B	Area 17B	Area 17B	Area 18B
PCBs													
Aroclor 1016	--	--	<0.00950	<0.00950	<0.0295	<0.0287	<0.0279	<0.0271	<0.0272	<0.0285	<0.0292	<0.00950	
Aroclor 1221	--	--	<0.00950	<0.00950	<0.0295	<0.0287	<0.0279	<0.0271	<0.0272	<0.0285	<0.0292	<0.00950	
Aroclor 1232	--	--	<0.00950	<0.00950	<0.0295	<0.0287	<0.0279	<0.0271	<0.0272	<0.0285	<0.0292	<0.00950	
Aroclor 1242	--	--	<0.00950	<0.00950	<0.0295	<0.0287	<0.0279	<0.0271	<0.0272	<0.0285	<0.0292	<0.00950	
Aroclor 1248	--	--	12.0 D	1.90 D	0.540	2.00 D	1.00	2.00 DP	7.80 D	7.40 D	56.5 D	0.160	
Aroclor 1254	--	--	<0.00950	<0.00950	<0.0295	<0.0287	<0.0279	<0.0271	<0.0272	<0.0285	<0.0292	<0.00950	
Aroclor 1260	--	--	<0.00950	<0.00950	<0.0295	<0.0287	<0.0279	<0.0271	<0.0272	<0.0285	<0.0292	<0.00950	
Total PCBs	1	10	12.0	1.90	0.540	2.00	1.00	2.00	7.80	7.40	56.5	0.160	
SVOCs													
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals													
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-245	V-RD-246	V-RD-247	V-RD-248	V-RD-249	V-RD-250	V-RD-251	V-RD-252	V-RD-253	V-RD-254	
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
			04/03/13	04/03/13	04/03/13	04/03/13	04/03/13	04/03/13	04/03/13	04/03/13	04/03/13	04/03/13	04/04/13
			Area 18B	Area 19B	Area 19B	Area 19B	Area 20B	Area 20B	Area 20B	Area 20B	Area 20B	Area 21B	Area 21B
PCBs													
Aroclor 1016	--	--	<0.00950	<0.0100	<0.0100	<0.0105	<0.00900	<0.00900	<0.0100	<0.00900	<0.00900	<0.0330	
Aroclor 1221	--	--	<0.00950	<0.0100	<0.0100	<0.0105	<0.00900	<0.00900	<0.0100	<0.00900	<0.00900	<0.0330	
Aroclor 1232	--	--	<0.00950	<0.0100	<0.0100	<0.0105	<0.00900	<0.00900	<0.0100	<0.00900	<0.00900	<0.0330	
Aroclor 1242	--	--	<0.00950	<0.0100	<0.0100	<0.0105	<0.00900	<0.00900	<0.0100	<0.00900	<0.00900	<0.0330	
Aroclor 1248	--	--	0.890 D	0.280	5.60 D	20.0 D	0.0470 P	<0.00900	<0.0100	0.550 D	<0.00900	0.550	
Aroclor 1254	--	--	<0.00950	<0.0100	<0.0100	<0.0105	<0.00900	<0.00900	<0.0100	<0.00900	<0.00900	<0.0330	
Aroclor 1260	--	--	<0.00950	<0.0100	<0.0100	<0.0105	<0.00900	<0.00900	<0.0100	<0.00900	<0.00900	<0.0330	
Total PCBs	1	10	0.890	0.280	5.60	20.0	0.0470	<0.00900	<0.0100	0.550	<0.00900	0.550	
SVOCs													
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals													
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-255	V-RD-256	V-RD-257	V-RD-258	V-RD-259	V-RD-260	V-RD-261	V-RD-262	V-RD-263	
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
			04/03/13	04/03/13	04/03/13	04/03/13	04/04/13	04/03/13	04/03/13	04/03/13	04/03/13	04/30/13
			Area 21B	Area 21B	Area 21B	Area 21B	Area 21B	Area 22B	Area 22B	Area 22B	Area 23B	
PCBs												
Aroclor 1016	--	--	<0.0100	<0.00950 [<0.00950]	<0.0100	<0.00950	<0.0277	<0.00900	<0.00950	<0.00950	<0.0302	
Aroclor 1221	--	--	<0.0100	<0.00950 [<0.00950]	<0.0100	<0.00950	<0.0277	<0.00900	<0.00950	<0.00950	<0.0302	
Aroclor 1232	--	--	<0.0100	<0.00950 [<0.00950]	<0.0100	<0.00950	<0.0277	<0.00900	<0.00950	<0.00950	<0.0302	
Aroclor 1242	--	--	<0.0100	<0.00950 [<0.00950]	<0.0100	<0.00950	<0.0277	<0.00900	<0.00950	<0.00950	<0.0302	
Aroclor 1248	--	--	1.20 D	0.0810 [0.110]	0.0220	0.140	1.30 D	0.350 P	0.100	0.250	0.120 P	
Aroclor 1254	--	--	<0.0100	<0.00950 [<0.00950]	<0.0100	<0.00950	<0.0277	<0.00900	<0.00950	<0.00950	<0.0302	
Aroclor 1260	--	--	<0.0100	<0.00950 [<0.00950]	<0.0100	<0.00950	<0.0277	<0.00900	<0.00950	<0.00950	<0.0302	
Total PCBs	1	10	1.20	0.0810 [0.110]	0.0220	0.140	1.30	0.350	0.100	0.250	0.120	
SVOCs												
Acenaphthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Acenaphthylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Anthracene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Benzo(a)anthracene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Benzo(a)pyrene	1	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Benzo(b)fluoranthene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Benzo(ghi)perylene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Benzo(k)fluoranthene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Chrysene	56	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Dibenzo(a,h)anthracene	0.56	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Fluoranthene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Fluorene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Indeno(1,2,3-cd)pyrene	5.6	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Naphthalene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Phenanthrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Pyrene	500	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.200	
Total PAHs	--	500	NA	NA	NA	NA	NA	NA	NA	NA	<1.60	
Metals												
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Location ID: Sample Depth(Feet): Date Collected: Field Notes:	Soil Cleanup Levels		V-RD-264	V-RD-265	V-RD-266	V-RD-267	V-RD-268	V-RD-269	V-RD-270
	Surface	Subsurface	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
			04/30/13	04/30/13	04/30/13	04/04/13	04/04/13	04/04/13	04/04/13
			Area 23B	Area 23B	Area 23B	Area 24B	Area 24B	Area 24B	Area 24B
PCBs									
Aroclor 1016	--	--	<0.0265 [<0.0263]	<0.0258	<0.0260	<0.0268	<0.0269	<0.0270	<0.0290
Aroclor 1221	--	--	<0.0265 [<0.0263]	<0.0258	<0.0260	<0.0268	<0.0269	<0.0270	<0.0290
Aroclor 1232	--	--	<0.0265 [<0.0263]	<0.0258	<0.0260	<0.0268	<0.0269	<0.0270	<0.0290
Aroclor 1242	--	--	<0.0265 [<0.0263]	<0.0258	<0.0260	<0.0268	<0.0269	<0.0270	<0.0290
Aroclor 1248	--	--	1.40 D [1.00]	4.40 D	6.00 D	0.330	0.240	0.800	3.40 D
Aroclor 1254	--	--	<0.0265 [<0.0263]	<0.0258	<0.0260	<0.0268	<0.0269	<0.0270	<0.0290
Aroclor 1260	--	--	<0.0265 [<0.0263]	<0.0258	<0.0260	<0.0268	<0.0269	<0.0270	<0.0290
Total PCBs	1	10	1.40 [1.00]	4.40	6.00	0.330	0.240	0.800	3.40
SVOCs									
Acenaphthene	500	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Acenaphthylene	500	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Anthracene	500	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Benzo(a)anthracene	5.6	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Benzo(a)pyrene	1	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Benzo(b)fluoranthene	5.6	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Benzo(ghi)perylene	500	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Benzo(k)fluoranthene	56	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Chrysene	56	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Dibenzo(a,h)anthracene	0.56	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Fluoranthene	500	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Fluorene	500	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	5.6	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Naphthalene	500	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Phenanthrene	500	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Pyrene	500	--	<8.60 [<8.50]	<0.840	<0.850	NA	NA	NA	NA
Total PAHs	--	500	<68.8 [<68.0]	<6.72	<6.80	NA	NA	NA	NA
Metals									
Arsenic	16	16	NA	NA	NA	NA	NA	NA	NA
Cadmium	9.3	9.3	NA	NA	NA	NA	NA	NA	NA

TABLE 1
POST-EXCAVATION VERIFICATION SOIL ANALYTICAL RESULTS FOR PCBs, PAHs, AND METALS (ppm)

FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

Notes:

1. Samples were collected by Preferred Environmental Services on the dates indicated.
2. PCBs = Polychlorinated Biphenyls.
3. PAHs = Polycyclic Aromatic Hydrocarbons.
4. NA = Not Applicable.
5. Samples were analyzed by Chemtech located in Mountainside, New Jersey for:
 - PAHs using USEPA SW-846 Method 8270.
 - Metals using USEPA SW-846 Methods 6010.
 - PCBs using USEPA SW-846 Method 8082.
6. All concentrations reported in dry weight parts per million (ppm), which is equivalent to milligrams per kilogram (mg/kg).
7. Data qualifiers are defined as follows:
 - D - Concentration is based on a diluted sample analysis.
 - E - The compound was quantitated above the calibration range.
 - J - Indicates that the associated numerical value is an estimated concentration.
 - P - Indicates target analyte is >25% difference for detected concentrations between the two gas chromatogram columns and the lower of the two values is reported.
 - < - The compound was not detected above the reported detection limit.
8. Soil cleanup levels are from the New York State Department of Environmental Conservation- (NYSDEC-) approved Remedial Design (ARCADIS, February 2013) and consist of the following:
 - Surface soil cleanup levels: Commercial use soil cleanup objectives from Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6 NYCRR) Part 375-6.8(b).
 - Subsurface soil cleanup levels: Cleanup levels for PCBs and total PAHs from the NYSDEC document titled "CP-51 / Soil Cleanup Guidance", dated October 21, 2010.
9. Shading indicates that the result exceeds the project soil cleanup levels.
10. - - = No cleanup level applicable.
11. Total PAHs were calculated as the sum of the following, which is consistent with the NYSDEC list from 6 NYCRR Part 375-6.8(b):
 - Acenaphthene
 - Acenaphthylene
 - Anthracene
 - Benzo(a)anthracene
 - Benzo(a)pyrene
 - Benzo(b)fluoranthene
 - Benzo(g,h,i)perylene
 - Benzo(k)fluoranthene
 - Chrysene
 - Dibenzo(a,h)anthracene
 - Fluoranthene
 - Fluorene
 - Indeno(1,2,3-cd)pyrene
 - Naphthalene
 - Phenanthrene
 - Pyrene