

MEMO

To:

Steven Scharf, P.E., NYSDEC Katy Murphy, NYSDEC Renata Ockerby, NYSDOH Julia Schneider, Cashin Spinelli & Ferretti, LLC Scott Krall, Bayer David Paule, Bayer John Brussel, P.E., ARCADIS ARCADIS of New York, Inc. 6723 Towpath Road P O Box 66 Syracuse New York 13214-0066 Tel 315 446 9120 Fax 315 449 4111

David Kingsley, ARCADIS Gregory McDermott, ARCADIS Michael Perciballi, Posillico Lee Kaplan, Posillico Chris Hurst, Posillico Marc Atamian, Posillico

From:

Andrew Enigk, ARCADIS

Date:

April 2, 2015

ARCADIS Project No.: **B0032305.2013**

Subject:

Bayer MaterialScience LLC 125 New South Road, Hicksville, New York Phase 2 Operable Unit 4 Remedial Activities March 25, 2015 Weekly Construction Coordination Meeting Summary Progress Report #20 (March 23, 2015 – March 27, 2015)

This memorandum summarizes items discussed during the March 25, 2015 weekly construction coordination meeting and summarizes work performed from March 23, 2015 through March 27, 2015 in connection with the Phase 2 Operable Unit 4 (OU4) remedial activities at the above-referenced Site. This work period is the first after the winter shutdown from January 16, 2015 through March 20, 2015.

The remedial activities are being implemented by Bayer MaterialScience LLC's (Bayer's) remedial contractor (Posillico) with onsite construction/engineering oversight provided by ARCADIS. The work activities during the reporting period were as observed by Gregory McDermott of ACRADIS.

MEETING ATTENDEES

The following personnel attended the weekly construction coordination meeting:

- Steven Scharf NYSDEC (call-in)
- Julia Schneider Cashin Spinelli & Ferretti, LLC (CSF)(representing the Town of Oyster Bay) (call-in)
- Scott Krall Bayer (call-in)

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- David Paule Bayer (call-in)
- John Brussel ARCADIS (call-in)
- Andrew Enigk ARCADIS (call-in)
- Gregory McDermott ARCADIS
- Michael Perciballi Posillico (call-in)
- Chris Hurst Posillico

HEALTH AND SAFETY MOMENT

 Posillico discussed safe work practices for the Site, specifically work safety hazard recognition and communication. When Site workers recognize actual or potential work safety hazards, site workers should communicate those safety hazards to all site workers. Safety is everyone's responsibility at the Site, not just select personnel.

SAFETY/SAFE WORK PRACTICES

 Posillico indicated that no incidents have occurred this week and that work has proceeded safely (with no injuries over the 93 days of work completed project-to-date).

ACTION ITEMS OUTSTANDING FROM PREVIOUS MEETING

There are no outstanding action items from previous meetings.

COMPLETED WORK / WORK-IN-PROGRESS

Work activities performed by Posillico and its subcontractors during this period consisted of the following:

- Continuing to perform post-backfill and soil cover system topographic survey activities. Posillico
 recalibrated the GPS survey instrumentation on the dozer that is being used to backfill excavations
 and construct the soil cover system.
- Continuing to backfill "C" Group excavation areas using approximately 400 cubic yards (CY) of imported clean backfill from Beth Moses Cemetery (BMC) located in West Babylon, New York. The imported clean backfill was placed in approximately one-foot loose lifts and compacted. In-place compaction testing was performed on each lift at a minimum frequency of one sample per 2,500 square feet (SF), as required by the *Remedial Design Addendum* (ARCADIS, August 2014)(RDA), by Posillico's compaction testing subcontractor, MT Group.
- Continuing erosion/sedimentation control measures inspection, maintenance, and documentation.

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PROPOSED WORK ACTIVITIES

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

- Continue collecting samples of the general fill from the BMC in accordance with DER-10 if additional
 fill is needed beyond what has previously been pre-characterized (32,000 CY of general fill has
 already been characterized, and approximately 28,000 CY of general fill has already been placed).
- Collect additional samples to pre-characterize additional topsoil to be imported for use in constructing
 the upper 4-inches of the soil cover system (4,000 CY of topsoil has already been characterized, and
 an additional approximately 3,200 CY of topsoil is expected to require characterization). No topsoil
 has been imported to the site yet.
- Continue importing general fill and start importing topsoil.
- Continue backfilling excavations and conducting in-place compaction testing.
- Install erosion control matting along the side slopes of the rainwater runoff sumps.
- Continue installation of site-wide soil cover system.
- Continue erosion and sedimentation control measures inspection, maintenance, and documentation.

OPEN DISCUSSION

- The NYSDEC inquired about proposed future use of the property by New South Road Realty (NSRR). Bayer indicated that NSRR has not provided any redevelopment plans for the property.
- The NYSDEC inquired about the status of the Environmental Easement (EE) and Bayer indicated it
 had completed a draft of the EE and has provided it to NSRR for review.
- ARCADIS notified the meeting participants that Mr. Robert Alvey of the United States Environmental Protection Agency (USEPA) visited the Site on March 23, 2015 and requested project information related to the OU4 cleanup activities. After discussions with the ARCADIS onsite oversight, Mr. Alvey indicated he would follow-up directly with either Steve Scharf of the NYSDEC or Scott Krall of Bayer.
- ARCADIS indicated that Posillico met with CSF and discussed conditions (soil erosion) between the
 northern site fence line and the southern edge of Commerce Place. Posillico indicated that the
 exposed soil on the short slope extending from the fence line to Commerce Place will be hand-raked

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and hydroseeded to establish vegetative growth to prevent potential future soil erosion. Posillico also indicated that street sweeping will be performed, as needed, on both Commerce Place and New South Road during the remaining site restoration activities.

- ARCADIS indicated that Posillico would be using a portion of the former site access road that was
 restored with several inches of washed stone as a stabilized construction entrance/exit to wash truck
 tires. Posillico indicated it has continued sweeping the site access road on a daily basis to minimize
 the potential for offsite tracking of soil.
- ARCADIS indicated that decontamination wastewater remaining inside the frac tank at the Site will be pumped into tank trucks and transported for offsite treatment/discharge at Clean Water of New York facility once the ice inside the tank thaws.
- Posillico anticipates that it will take approximately three additional weeks to finish the remaining OU 4 remedial construction work.
- Posillico indicated that it has been in communication with PSEGLI and Verizon regarding terminating
 electrical and telephone/internet service at the Site, and the last party to disconnect their service will
 also remove the three existing utility poles extending into the interior portion of the Site. It was also
 discussed that the remaining field office trailer is not located within the soil cover system footprint and
 will be kept onsite until work is completed.

ACTION ITEMS

 ARCADIS requested that the NYSDEC begin looking into delisting the site in connection with the anticipated upcoming remediation site closure.

ATTACHMENTS

- Attachment A: Posillico's Two-Week "Look Ahead" Schedule
- Attachment B: Weekly Sign-In Sheet
- Attachment C: Weekly Site Photos
- Attachment D: Excavation/Backfilling Progress Table
- Attachment E: Excavation/Backfilling Progress Figure
- Attachment F: Soil Cover System Progress Figure

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 meeting, or if additional items should be recorded in this summary. If modifications are made, a follow-up memorandum will be distributed.

Attachment A

Posillico's Two-Week "Look Ahead" Schedule PROJECT: Bayer-Hicksville JOB #: 07042

DATE/TIME: 3/18/2015 BY: Chris Hurst

		R		R		Week of: 03/30/15									PROD RATE	YOUYING		
	Activity Description & Location	LABOR	OPER			k of:	v 1			_			Т		6/15	EQUIPMENT/MATERIALS NEEDED	PER SHIFT PLAN	ISSUES
	Survey	I	1)	Х			Х			Х					1\EDD ED		
	import backfill material				x	x x	x x	x		x	x	x	x	x				
	Import topsoil									х	х	X	х	х				
																John Deere 850 DZ.		
	Grade/backfill redesign Areas	3	2				х	x		x						dirt roller		
	Install Site wide Cap	3	2				Х	x		x	X	X	X	x				
	load out water from Adler Tank.			1								X						
	MTGroup - Compaction testing			1				X		Х	X	X	X	X				
OR																		
AC																		
VTR																		
SUBCONTRACTOR																		
SUB																		
0,																		
								+		1								
~										1								
OR										1								
В																		
PLAN B WORK																		
P																		

•	General Issues / Change Orders	Ball In Court
	1	
	2	
	3	

Attachment B

Weekly Sign-In Sheet

WEEKLY MEETING SIGN-IN
REMEDIAL DESIGN IMPLEMENTATION - OU4 PHASE II
BAYER MATERIAL SCIENCE, LLC
125 NEW SOUTH ROAD
HICKSVILLE, NEW YORK

DATE: 3 25 15

NAME	COMPANY	POSITION
Gregory Medernott	ARCANTS	CQA
Chistopher Hurst	Posillico	Pm

Attachment C

Weekly Site Photos

Weekly Progress Report #19 (March 23, 2015 – March 27, 2015) Weekly Site Photos



Backfill in progress in "C" Group Excavation Area 24C.



Posillico accepting delivery of clean backfill and performing backfill of "C" Group Excavation Area 24C.

Weekly Progress Report #19 (March 23, 2015 – March 27, 2015) Weekly Site Photos



Posillico accepting delivery of clean backfill and performing backfill of "C" Group Excavation Area 7C.



Posillico performing backfill of "C" Group Excavation Area 7C.

Attachment I	D
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Excavation/Backfilling Progress Table

TABLE 1 EXCAVATION AND BACKFILL TRACKING UPDATED THROUGH MARCH 27, 2015

PHASE 2 OPERABLE UNIT 4 REMEDIAL ACTION BAYER MATERIALSCIENCE LLC 125 NEW SOUTH ROAD HICKSVILLE, NEW YORK

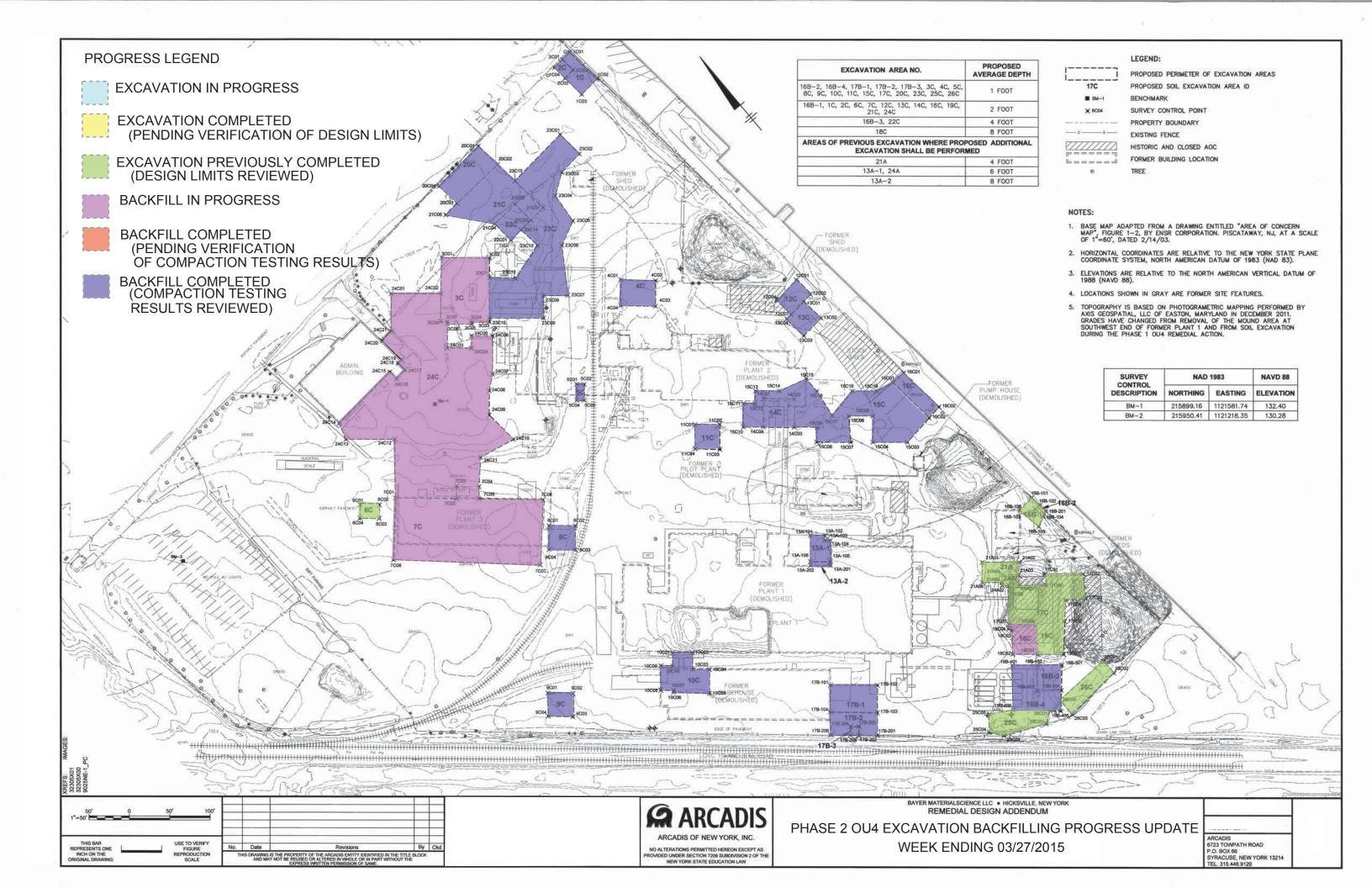
		Estim				
Operation	Design Volume (CY)	Previous Totals	Current Week Totals	Total to Date	Remaining Volume	Percent Completed
Excavation						
"A" Group Excavation Areas						
PCB-Impacted Soil (>50ppm)	167	167	0	167	0	100%
Non-Hazardous Waste Soil	201	201	0	201	0	100%
Subtotal:	368	368	0	368	0	100%
"B" Group Excavation Areas						
PCB-Impacted Soil (>50ppm)	218	218	0	218	0	100%
Non-Hazardous Waste Soil	183	183	0	183	0	100%
Subtotal:	401	401	0	401	0	100%
"C" Group Excavation Areas						
PCB-Impacted Soil (>50ppm)	227	227	0	227	0	100%
Non-Hazardous Waste Soil	5,538	5,538	0	5,538	0	100%
Concrete	400	0	0	0	400	0%
Subtotal:	6,165	5,765	0	5,765	400	94%
PCB-Impacted Soil (>50ppm) Subtotal:	612	612	0	612	0	100%
Non-Hazardous Waste Soil Subtotal:	5,922	5,922	0	5,922	0	100%
Total:	6,534	6,534	0	6,534	0	100%
Backfill						
Run-of-Bank Gravel						
Phase 1 "A" Group Excavation Areas	5,327	4,359	0	4,359	968	82%
Phase 1 "B" Group Excavation Areas	1,384	1,134	0	1,134	250	82%
Phase 2 "A" Group Excavation Areas	368	202	0	202	166	55%
Phase 2 "B" Group Excavation Areas	401	362	0	362	39	90%
Phase 2 "C" Group Excavation Areas	6,308	3,294	400	3,694	2,614	59%
Soil Cover System	18,200	8,230	0	8,230	9,970	45%
Subtotal:	31,988	17,581	400	17,981	14,007	56%
Topsoil						
Soil Cover System	7,192	0	0	0	7,192	0%
Total:	39,180	11,759	400	17,981	21,199	46%

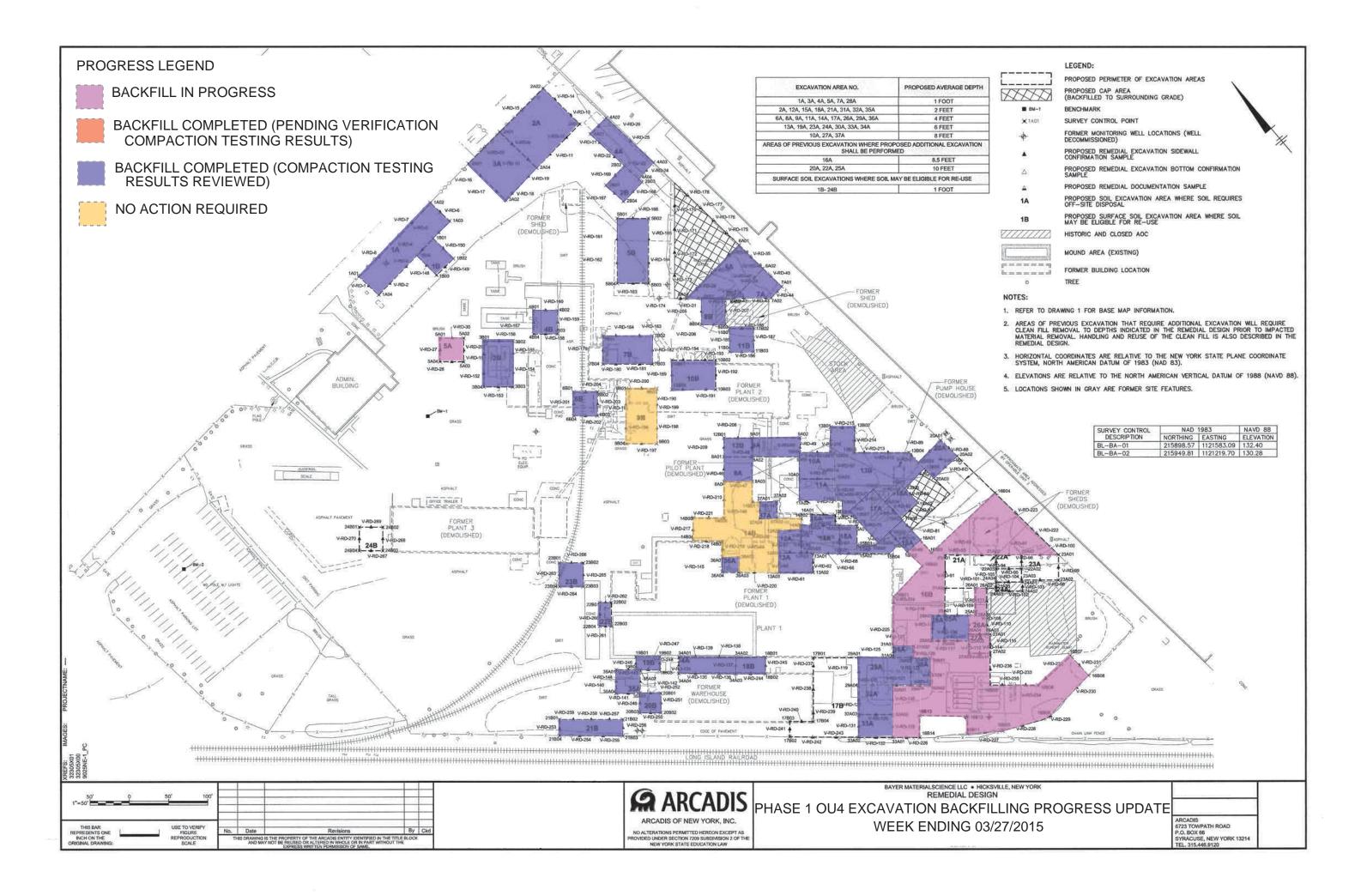
Notes

- 1. Excavation and backfill volumes are estimates based on field observations and measurements.
- 2. CY = Cubic Yards.
- 3. PCB = polychlorinated biphenyls
- 4. ppm = parts per million

Attachment E

Excavation/Backfilling Progress Figure





Attachment F

Soil Cover System Progress Figure

