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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

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

From:

Andrew Enigk, ARCADIS

Date:

September 30, 2014

ARCADIS Project No.:

B0032305.2013

Subject:

Bayer MaterialScience LLC
125 New South Road, Hicksville, New York
Phase 2 Operable Unit 4 Remedial Activities
September 24, 2014 Weekly Construction Coordination Meeting Summary
Weekly Progress Report #3 (September 15, 2014 – September 19, 2014)

This memorandum summarizes items discussed during the September 24, 2014 weekly construction coordination meeting, including work performed during the previous week, in connection with the Phase 2 Operable Unit 4 (OU4) remedial activities at the above-referenced Site. 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 ARCADIS.

MEETING ATTENDEES

The following personnel attended the weekly construction coordination meeting:

- Steven Scharf – NYSDEC (call-in)
- Renata Ockerby – NYSDOH (call-in)
- Julia Schneider – Cashin Spinelli & Ferretti, LLC (CSF)(representing the Town of Oyster Bay)
- Scott Krall – Bayer (call-in)
- David Paule – Bayer (call-in)
- John Brussel – ARCADIS (call-in)
- Andrew Enigk – ARCADIS (call-in)

- Greg McDermott – ARCADIS
- Lee Kaplan – Posillico
- Chris Hurst – Posillico
- Marc Atamian – Posillico

HEALTH AND SAFETY MOMENT

- ARCADIS discussed the importance of web sling (tie-down strap) maintenance and inspections. Web slings should be regularly and properly inspected by a qualified person, as defined by OSHA Guidance on Safe Sling Use (29 CFR 1910.184). If any damage is identified on the sling, it should be removed from service immediately. In addition, qualified persons conducting inspections should be watchful of counterfeit web slings.

SAFETY/SAFE WORK PRACTICES

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

AIR MONITORING

- The New York State Department of Health (NYSDOH) requested that Posillico perform baseline air monitoring for volatile organic vapors and particulates before implementing the Phase 2 OU4 community air monitoring at the Site rather than using the baseline air monitoring results from the Phase 1 OU4 remedial activities conducted in 2013 (i.e., because background conditions, particularly volatile organic vapor readings, may have changed from possible changes in property use nearby). The NYSDOH indicated that it is okay to continue with the non-intrusive work scheduled at the Site while collecting the baseline samples. Posillico agreed to perform the baseline air monitoring during the week of September 29th when its subcontractor (Preferred Environmental Services) will be onsite testing the air monitoring equipment and installing the mobile weather station.

ACTION ITEMS OUTSTANDING FROM PREVIOUS MEETING

- There were no action items outstanding from the previous meeting.

COMPLETED WORK / WORK-IN-PROGRESS

Work activities performed by Posillico during this period consisted of continued mobilization and site preparation services, including the following:

- Mobilizing two site office trailers and a security trailer and having an electrician install electric service to both office trailers on September 22, 2014.

- Continuing to perform baseline and pre-excavation topographic survey activities using Posillico's in-house surveyor.
- Continuing to mobilize equipment, including a Caterpillar 950K loader.
- Continuing to clear trees (less than 8-inch in diameter) and large brush from the cap area.
- Continuing erosion/sediment control measures inspection, maintenance, and documentation.

PROPOSED WORK ACTIVITIES

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

- Continue site clearing activities.
- Continue mobilizing equipment.
- Continue survey activities.
- Continue erosion/sediment control measures inspection, maintenance, and documentation.
- Start chipping of trees and large brush from site clearing activities.
- Start construction of site haul roads with tree and large brush chippings.
- Start removal of debris from Administration Building.
- Perform baseline air monitoring and start implementation of the community air monitoring.
- Start installation of new erosion/sediment control measures.

OPEN DISCUSSION

- The NYSDEC requested that brush be removed from New South Road to allow the project sign to be clearly visible from the road.
- The NYSDEC verified that Bill Fonda is still the Public and Media Affairs contact for the Site, and his name should remain on the project sign.

- The NYSDEC inquired about the status of the Administration Building demolition permit. Posillico indicated that the application for demolition of the building will be submitted to the Town of Oyster Bay once all utility disconnects are completed, documentation is obtained for previously-completed utility disconnections, and an asbestos abatement and regulated materials removal summary report is provided by ARCADIS. ARCADIS indicated that laboratory analytical data has been received for: (1) samples collected from the proposed offsite clean fill source; and (2) samples collected to pre-characterize soil to be excavated for offsite disposal. The data is being put in an electronic data deliverable format for ARCADIS to upload and then develop data tables showing results in relation to applicable criteria. The results will be provided to the NYSDEC after the tables are prepared.
- ARCADIS discussed the laboratory analytical results for delineation samples V-RD-280 through V-RD-283 that were collected by ARCADIS from the southeastern corner of the Site on September 10, 2014. Results for samples collected from one of the four sampling locations exceed the 10 part per million (ppm) polychlorinated biphenyl (PCB) subsurface soil cleanup level. The results, including proposed plans for additional excavation in response to the results, will be presented in a letter from ARCADIS to the NYSDEC to be referred to as Remedial Design Addendum (RDA) Modification #1.
- ARCADIS notified the NYSDEC that a suspected former water valve pit was identified between the former Plant 2 and Plant 3 buildings, in an area that had previously been overgrown with brush. The pit is located within the proposed cap area and is not addressed in the RD Addendum. The pit is approximately 12.5 feet long, 8 feet wide, and 8 feet deep (interior dimensions) and constructed of 6-inch thick concrete walls. The top of the pit extends approximately 1.5 feet above grade. A sketch showing the pit is included as Attachment D. Historical site drawings show that fire water loop lines (tower water supply and return lines) extend through the pit. A hydrant on the fire water loop is located immediately outside the pit. Pipes observed inside the pit appear to be consistent with sizes expected for the former water lines (up to approximately 8 to 12 inches in diameter), and some appear to have blind flanges inside the pit. An “automatic deluge” valve and an alarm were also observed inside the pit. ARCADIS commented that PCBs have not been identified in soil around the pit at concentrations greater than the 1 ppm PCB surface soil cleanup level. ARCADIS indicated that the following stepwise approach will be used to decommission the pit in preparation for cap construction in this area:
 1. Verify that all utilities to the pit are deactivated
 2. Perform confined space entry to:
 - Observe the debris in the bottom of the pit for staining, and collect samples of the debris for laboratory analysis if visual staining is observed
 - Observe the bottom of the pit for drainage holes
 - Remove mechanical equipment (alarm, valves), and cap/plug all piping that is cut to remove the equipment

3. Demolish the concrete structure to 2 feet below ground surface and break the concrete bottom with a ram-hoe, or similar, if no drainage holes are observed (to facilitate future drainage as suggested by the NYSDEC)
 4. Send the concrete debris offsite for disposal with the Administration Building demolition concrete debris
 5. Send steel offsite for recycling/reclamation
 6. Backfill the pit to surrounding grade using general fill (run-of-bank sand and gravel)
Install the soil cover system as detailed in the RD Addendum
- ARCADIS provided a status update on efforts to secure offsite access agreements. ARCADIS commented that phone calls have been made to identify the appropriate contact person for access onto the property north of the Site (tax map parcel #46-585-27, owned by 70 Commerce LLC) to complete soil removal in Excavation Areas 1C and 2C, and ARCADIS is awaiting a response. A “draft” access request letter and agreement have been prepared and will be sent to 70 Commerce LLC after discussions are held with the appropriate contact person. ARCADIS commented that progress is being made to gain access onto the Long Island Railroad (LIRR) corridor to remove soil within Excavation Area 17B-3. Per LIRR’s request, a letter is being drafted that provides information necessary for LIRR to issue a “draft” access agreement to Bayer.
 - Bayer and ARCADIS notified the call participants of the presence of soil vapor monitoring points located in the proposed cap area. It was discussed that the points will need to be protected at least until the final monitoring event is completed for OU5. Bayer will discuss the final monitoring event with the NYSDEC and the OU5 project team and provide an update to the OU4 project team on how to proceed with handling the monitoring points.
 - The NYSDEC and CSF inquired when trucks will start importing/exporting material to/from the Site. Posillico responded that this will start in approximately 2 to 3 weeks.

ACTION ITEMS

The only action item from the meeting is for Bayer and the NYSDEC to provide instruction on how to proceed with respect to the soil vapor monitoring points (work around the points, modify the points, and/or decommission the points).

ATTACHMENTS

- Attachment A: Posillico’s Two-Week “Look Ahead” Schedule
- Attachment B: Weekly Sign-In Sheet
- Attachment C: Weekly Site Photos
- Attachment D: Sketch Showing Water Valve Pit

For future memorandums, the following attachments will also be provided.

- Excavation/Backfilling Progress Table
- Excavation/Backfilling 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

Two-Week Look Ahead Schedule

PROJECT : Bayer- Hicksville
DATE/TIME: 9/26/14 2:36PM

JOB #: 07042
BY: Chris Hurst

	Activity Description & Location	LABOR	OPER	OTHER	Week of:					09/29/14					Week of:					10/06/14					EQUIPMENT/MATERIALS NEEDED	PROD RATE PER SHIFT	ISSUES										
					M			T			W			T			F			M			T			W			T			F			PLAN		
	Site Clearing	3	1				x	x	x			x	x									wood chipper/bobcat/Payloader		same crews for all operations													
	mobilize and set up office trailers	2			x	x	x	x	x															bring in remaining supplies- waiting on cablevision for internet/phone													
	Survey		1			x		x				x			x																						
	Clear out Admin. Bldg.	2			x	x																		no-demo remove debris from bdg													
	Submittals				x	x	x	x	x			x	x	x	x	x								continuous													
	Create Haul Roads w/wood chips											x	x	x	x	x																					
	Set up E&S controls											x	x	x	x	x																					
	remove fire suppression risers in field													x	x	x																					
SUBCONTRACTOR	Preferred- CAMP			1								x	x	x	x	x								CAMP													
	Preferred- CAMP			1		x	x	x	x															Set up and establish base line													
	Merrick Utilities- Disconnect water services						x	x																													
PLAN B WORK																																					

General Issues / Change Orders																Ball In Court	
1																	
2																	
3																	

Attachment B

Weekly Sign-In Sheet

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

DATE: 9/24/2014

[illegible]

Attachment C

Weekly Site Photos

Weekly Progress Report #3 (September 15, 2014 – September 19, 2014)

Weekly Site Photos



Posillico conducting site clearing activities.



Posillico conducting site clearing activities with Caterpillar 299D Compact Track Loader with Brush-Hog attachment.

Weekly Progress Report #3 (September 15, 2014 – September 19, 2014)

Weekly Site Photos



Posillico conducting site clearing activities with Caterpillar 950K Loader with Brush-Hog attachment.



Posillico conducting site clearing activities.

Weekly Progress Report #3 (September 15, 2014 – September 19, 2014)

Weekly Site Photos



Completed cleared site area.



Delivery of site office trailers.

Weekly Progress Report #3 (September 15, 2014 – September 19, 2014)

Weekly Site Photos



Photo of Water Valve Pit prior to completed clearing activities.



Photo of interior of north section of Water Valve Pit.

Weekly Progress Report #3 (September 15, 2014 – September 19, 2014)

Weekly Site Photos



Photo of interior of south section of Water Valve Pit.



Photo of interior of south section of Water Valve Pit.

Attachment D

Sketch Showing Water Valve Pit

