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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
Dave Cirolì, EQ
John Curran, EQ
David Kahn, Preferred Env.

From:

Andrew Enigk, ARCADIS

Date:

April 2, 2013

ARCADIS Project No.:

B0032305.0009

Subject:

Bayer MaterialScience LLC – 125 New South Road, Hicksville, New York
Weekly Progress Meeting Summary – March 27, 2013

This memorandum summarizes items discussed during the March 27, 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
- Julia Schneider – Town of Oyster Bay (call-in)
- Bob Foster – Bayer
- John Brussel – ARCADIS (call-in)
- Andrew Enigk – ARCADIS
- Greg McDermott – ARCADIS
- John Curran – EQ
- Dave Kahn – Preferred Environmental Services
- Mike Anderson – Glenn Springs Holdings, Inc.
- Juan Sonomo – Glenn Springs Holdings, Inc.
- Roger Smith – Glenn Springs Holdings, Inc.
- Jim Kay – Conestoga-Rovers & Associates

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

HEALTH AND SAFETY MOMENT

- John Curran from EQ notified the group that there is rebar protruding from the sidewalls of excavations from historical subsurface foundations and asked that everyone use caution during the post-meeting site walk.

SAFETY/SAFE WORK PRACTICES

- EQ indicated that it held daily tailgate meetings and all work has progressed safely with no incidents.

AIR MONITORING

- Preferred Environmental Services (PES) has been performing community air monitoring during the project work and 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).
- Community air monitoring results for perimeter air monitoring performed for the week of March 18, 2013 were sent to the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) on March 25, 2013.

REVIEW/APPROVAL OF PRIOR MEETING MINUTES

There were no comments provided on the weekly construction meetings for the meeting held on March 20, 2013.

REVIEW OF WORK PROGRESS

- EQ continued removing soil from the “B” Group Excavation Areas (Areas 6B, 7B, 8B, 10B, 11B, and 16B) and staged it within the unexcavated Area 5B footprint. EQ also removed soil from Area 10B and started Area 16B. Soil from these two areas was staged within the limits of unexcavated Area 9B and within the footprint of excavated Area 16B, respectively.
- EQ’s sampling subcontractor, PES, collected approximately 23 confirmation soil samples from the completed “B” Group Excavation Areas and submitted the samples for laboratory analysis.
- PES collected samples of the proposed imported clean fill material from New York Sand & Stone, LLC (NYSS) in Brooklyn, NY for chemical testing to assess whether the fill material meets project criteria

for onsite use (i.e., the lower of the protection of groundwater or the protection of public health soil cleanup objectives for commercial use as outlined in Table 375-6.8(b) of 6 NYCRR Part 375).

- EQ's surveying subcontractor (Angle of Attack Land Surveying) continued locating and marking proposed excavation limits and submitted pre-excavation topographic surveys to ARCADIS for review.
- Verizon completed installation of telephone and data communication lines to the office trailer.
- EQ continued to provide various submittals, as required, for ARCADIS review.
- Julia Schneider of Cashin Spinelli & Ferretti, LLC (representing the Town of Oyster Bay) visited the site on March 20, 2013.

PROPOSED WORK ACTIVITIES

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

- Continue mobilization of personnel, equipment, and materials, as needed.
- Continue removing and staging soil from the "B" Group Excavation Areas.
- Start removing soil from the "A" Group Excavation Areas and transfer it to the lined material staging area where it will be characterized, as needed, and loaded for offsite transportation and disposal.
- Continue collecting confirmation and documentation samples from the "A" and "B" Group Excavation Areas.
- Continue collecting samples from temporarily stockpiled "B" Group area soils to verify that the soils can be reused onsite as subsurface fill (below a minimum of one foot of imported clean fill).
- Continue pre-excavation, post-excavation, and confirmation soil sampling location survey activities.
- Continue implementation of the CAMP air monitoring and required reporting.
- Continue to pursue the final power connections for the project trailer power drop. A generator will continue to provide interim power to office trailers.

OPEN DISCUSSION

- ARCADIS asked the NYSDEC if it had a chance to review the fill sources proposed by EQ for imported clean fill. The NYSDEC indicated that it will review the materials and provide a response to the project team.

- ARCADIS indicated it will be sending EQ's project submittals to the NYSDEC subsequent to the meeting. ARCADIS sent the submittals in April 1, 2013 e-mail correspondence 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 March 27, 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

Attachment B

Two-Week Look-Ahead

EQ NORTHEAST																								
Project:		Bayer Site OU-4 Remedial Action Contract # H89999																						
Date:		March 25, 2013																						
Superintendent:		John C																						
PM:		Dave C																						
2 Week Look Ahead Schedule																								
Item	Description	3/25 - 3/29						4/1 - 4/5						4/8 - 4/12						Comments				
		S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W			T	F	S
	Task Description		25	26	27	28	29			1	2	3	4	5				8	9	10	11	12		
	On Going Activities																							
	- Utility Markout / 30 Day Up-Grade																							
	- Permanent Power & Telecom																					LIPA / Verizon		
	- Topo Survey & Stake AOC Grids																					Angle of Attack		
	- Soil Sampling & Characterization																					Preferred Env.		
	- Dust Control (As Needed)						H																	
	Utility (Water) Cut & Cap @ Street																					Lines shut @ Str.	Hicksville Water	
	Gas line Cut/Cap @ Commerce Place						O															Shut @ # 55	NG TBD	
	CAMP / Air Monitoring																					Preferred Env.		
							L																	
	Excavation																							
	- Survey/Stake Area B Exc. (1')						I																	
	- Exc./Stockpile Grid B Soils (3000 +/-)																							
	- Survey/Stake Area A Exc. (1-2')						D															Angle of Attack	Recapture Base El.	
	- Exc./Stockpile Area A Soils (1,500 +/-)																							
	- Survey/Stake Area A Exc. (3-10')						A																	
	- Exc./Stockpile Area A Soils (5,600 +/-)																							
	- Existing Mound Soil (1,200 +/-)						Y																	
	Documentation & Waste Soil Sampling																					Preferred Env.		
	Waste Transport & Disposal																							
	- Non Haz. Trucking																						Pending Analytical	
	Mound Soils																							
	Grid B Soils (Contaminated)																							
	Grid A Soils (Contaminated)																							
	- Non Haz. Concrete Disposal																							
	- Haz. Rail to EQ																							
	Backfilling Operations																							
	- Re-Use soils (3,000 +/-)																							
	- Imported Fill (4,350 +/-)																							
	- Topsoil (2,500 +/-)																							
	- Hydroseed (5 acres)																							
	Demobilization																							
Alternate Work:																								
Needed Subcontractors:																								
Issues / Resolutions:																								