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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 30, 2013

ARCADIS Project No.:

B0032305.0009

Subject:

Bayer MaterialScience LLC – 125 New South Road, Hicksville, New York
Weekly Progress Meeting Summary – April 24, 2013

This memorandum summarizes items discussed during the April 24, 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)
- Renata Ockerby – NYSDOH (call-in)
- Julia Schneider – Town of Oyster Bay (call-in)
- Bob Foster – Bayer (call-in)
- David Schnelzer – Bayer
- Ramon Simon – Bayer (call-in)
- John Brussel – ARCADIS (call-in)
- David Kingsley – ARCADIS
- Andrew Enigk – ARCADIS (call-in)
- Greg McDermott – ARCADIS
- John Curran – EQ
- Dave Kahn – Preferred Environmental Services

- Joel Rogers – Impact Environmental

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

HEALTH AND SAFETY MOMENT

- John Curran informed the group that EQ started excavating to depths greater than 4 feet bgs and asked that onsite personnel exercise caution when observing the excavations (i.e., remain a safe distance from the edge of the excavation).

SAFETY/SAFE WORK PRACTICES

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

AIR MONITORING

- EQ's air monitoring and sampling subcontractor, 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 April 15, 2013 were sent to the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) on April 22, 2013.
- EQ has been applying 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 meeting minutes for the weekly construction coordination meeting held on April 17, 2013.

REVIEW OF WORK PROGRESS

- EQ excavated a total of approximately 510 in-situ cubic yards (CY) of "A" Group Excavation Area soil during the previous week and stockpiled it within the lined material staging area. Excavation of the "mound area" soil continued with approximately 425 CY of soil generated and shipped off-site last week for disposal at the Town of Brookhaven Landfill. Excavation material volume for "B" Group Areas remains unchanged. Secured covers were in-place on all soil stockpiles when soil was not being actively added to or removed from the stockpiles.

- EQ performed the following work related to the “A” Group Excavation Areas:
 - Removed soil from Area 6A to approximately 4 feet below ground surface (bgs).
 - Removed soil from Area 7A to approximately 1 foot bgs.
 - Started removing soil from Areas 10A and 34A.

The soil excavated from these areas was stockpiled in the eastern-most lined material staging area.

- EQ loaded “A” Group soil from the western-most lined material staging area on April 17, 18, and 19, 2013 for offsite disposal at the Town of Brookhaven Landfill. A total of 76 truckloads were transported from the site (1,292 CY at approximately 17 CY per truckload) to the Brookhaven Landfill for disposal since the last weekly construction coordination meeting.
- EQ completed decontamination and demobilization of an excavator.
- EQ’s sampling subcontractor, Preferred Environmental Services (PES), continued collecting verification soil samples. Samples were collected from Areas 6A, 7A, 11A, and 12A and submitted for laboratory analysis.
- PES conducted in-situ waste characterization sampling in certain “A” Group Excavation Areas (Areas 17A through 19A on April 22nd and Areas 13A through 15A on April 23rd).
- PES continued to perform air monitoring and reporting in accordance with the project-specific Community Air Monitoring Plan (CAMP) presented in the Remedial Design. No volatile organic compounds (VOCs) or particulates were measured above the action levels.
- EQ’s surveying subcontractor, Angle of Attack Land Surveying (AALS), continued locating and marking proposed excavation limits and soil sampling locations and conducted additional pre-excavation survey for “A” Group Excavation Areas. Pre-excavation survey submittals for 12 excavation areas and post-excavation survey data for all excavation areas is pending.
- EQ continued to provide various submittals, as required, for ARCADIS review.

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 excavation and staging of soil from the “A” Group Excavation Areas and perform verification soil sampling and analysis.
- Continue offsite disposal of stockpiled “A” Group soil.
- Continue surveying to document pre-excavation and post-excavation elevations and verification soil sampling locations/elevations.
- Continue implementation of the CAMP air monitoring and required reporting.

OPEN DISCUSSION

- ARCADIS provided a brief summary of the verification soil sampling results for the “A” and “B” Group Excavation Areas and indicated that a “draft” work plan has been prepared to further delineate the extent of soil at the site containing polychlorinated biphenyls (PCBs) and arsenic at concentrations exceeding soil cleanup levels presented in the Remedial Design. ARCADIS indicated that it will add a schedule to the work plan that covers implementation and data review/reporting. The work plan will be submitted to the NYSDEC following review/approval by Bayer. A copy of the work plan will also be provided to Impact Environmental when it is submitted to the NYSDEC.
- ARCADIS indicated that EQ found a potential ductile iron water line in “A” Group Excavation Areas 10A and 11A and that EQ plans to have a utility locating subcontractor field identify the pipe and conduct tracing to verify that it is actually a water line, isolate the water line using onsite post indicator valves (or other onsite valve), slowly drain the remaining water into the excavation allowing the water to infiltrate into the soil without erosion, and cut/remove the line for offsite transportation for recycling. EQ noted that the water lines to the site have been shut off at the road prior to starting excavation activities. A compression sleeve/coupling will be available as a contingency measure (to wrap the section of pipe to be cut) in the event that there is a continuing flow of water through the pipe (i.e., if valves were unable to be completely shut).
- The NYSDEC inquired if sampling had been performed on the leachate pits at the site and ARCADIS indicated that the leachate pits were sampled as part of the Phase I and Phase II RCRA Facility Investigation (RFI) and that drawings showing the leachate pits evaluated as part of the RFI would be provided to the field team (to check to see if any “new” pits are identified).
- Bayer requested if EQ was still on schedule to complete remedial activities at the end of May 2013 and EQ indicated it was still on schedule.
- The NYSDEC indicated it would need to review the verification sampling results for the completed excavations prior to EQ proceeding with backfilling.

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 April 24, 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: 4/24/13

[illegible]

Attachment B

Two-Week Look-Ahead

EQ NORTHEAST																								
Project:		Bayer Site OU-4 Remedial Action Contract # H89999																						
Date:		April 22, 2013																						
Superintendent:		John C																						
PM:		Dave C																						
2 Week Look Ahead Schedule																								
		4/22 - 4/26							4/29 - 5/3							5/6 -5/10								
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	22	23	24	25	26			29	30	1	2	3			6	7	8	9	10				
	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																							
	- SP1 - SP6 Stockpiles (3000 yds +/-)																						Lab Results	Arcadis Review ?
	Grid A Soils - Excavate & Stage on Pad																							
	Grid's # 10@ 50% & 34 (500 yds +/-)																						Waterline in 10A	Arcadis Review ?
	Grid's # 29, 30 & 31 (530 yds +/-)																							
	Grids # 16, 36, 37, 10 (450 yds +/-)																							
	Grids # 22, 23 & 24 (575 yds +/-)																							
	Grids # 21,25 & 26 (585 yds +/-)																							
	Grids # 32 &33 (400 yds +/-)																							
	Grids # 20, 27 & 28 (500 yds +/-)																							
	Documentation & Waste Soil Sampling																						Preferred Env.	Sample w/complete
	Pre Characterization Test-Pits																							
	- Grids (A 13-15 & 17-19 = 1,100 yds +/-)																						Arcadis OK	NYDEC Approved
	Waste Transport & Disposal																						Brookhaven LF	
	- Non Haz. Trucking																							
	Mound Soils (Load Out Complete)																						Double Nickel	1,242.86 tons
	Grid B Soils (Contaminated)																						Arcadis Review	Stockpiles complete
	Grid A Soils (Staging Pad WC-3,4,5,6)																							
	Grid A soils (Staging Pad WC -7,8,9,10)																							
	- Direct loading of Grid A soil material																							
	Approved Area's (13-15 & 17-19)																							
	Additional Area's May be requested																							
	- Non Haz. Concrete Disposal																							
	- Haz. Rail to EQ																							
	Backfilling Operations																							
	- Re-Use soils (3,000 +/-)																						Analytical Done	Arcadis Review ?
	- Imported Fill (4,350 +/-)																						Backfill Exc.	Arcadis Review ?
	- Topsoil (2,500 +/-)																							
	- Hydroseed (5 acres)																							
	Demobilization																							
Alternate Work:																								
Needed Subcontractors:																								
Issues / Resolutions:																								