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MEMO

To:

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Katy Murphy, NYSDEC
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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:

February 3, 2015

ARCADIS Project No.:

B0032305.2013

Subject:

Bayer MaterialScience LLC
125 New South Road, Hicksville, New York
Phase 2 Operable Unit 4 Remedial Activities
January 21, 2015 Weekly Construction Coordination Meeting Summary

This memorandum summarizes items discussed during the January 21, 2015 weekly construction coordination meeting for the Phase 2 Operable Unit 4 (OU4) remedial activities at the above-referenced Site. Remedial construction work at the Site was temporarily shut down on January 16, 2015. Please note that no remedial construction was performed during the weeks of January 19, 2015 and January 26, 2015.

MEETING ATTENDEES

The following personnel attended the January 21, 2015 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)
- John Brussel – ARCADIS (call-in)
- David Kingsley – ARCADIS (call-in)
- Andrew Enigk – ARCADIS (call-in)
- Gregory McDermott – ARCADIS (call-in)
- Chris Hurst – Posillico (call-in)

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- Marc Atamian – Posillico (call-in)

HEALTH AND SAFETY MOMENT

- ARCADIS discussed carbon monoxide (CO) accumulation hazards associated with running automobiles in garages to warm them up during the winter months. It was advised to not run automobiles in garages due to the potential for CO accumulation in the garage, automobile, and/or house (particularly if the garage is attached to the house). It was also noted that CO can also accumulate in a garage or house if an automobile is left running in front of an open garage door, especially if the wind direction is toward the open door. The NYSDEC's project manager commented that the CO alarm in his house had sounded after a vehicle was started in the attached garage and run for a few minutes to warm up.

SAFETY/SAFE WORK PRACTICES

- Posillico indicated that no incidents have occurred since the previous call and that work has proceeded safely.

OPEN DISCUSSION

- ARCADIS informed the group that Posillico temporarily suspended work for the week of January 19, 2015 to allow Posillico's clean general fill supplier (Stony Creek Services) more time to mobilize a second soil screener to the Beth Moses Cemetery (BMC) and process additional clean fill to support Posillico's importation rate of >500 cubic yards (CY) per day. The work suspension was identified in January 16, 2015 e-mail correspondence from ARCADIS to the NYSDEC. ARCADIS and Posillico noted that the current importation rate was too low to justify continued work at the Site and that work was scheduled to continue the week of January 26, 2015, depending on the weather conditions and Stony Creek's soil screening progress *[please note that this additional work was subsequently postponed and the project is currently in "winter shutdown" because of heavy snowfall in the area during the week of January 26, 2015 and temperatures forecasted to be near or below freezing for an extended period]*.
- ARCADIS provided a recap of recent e-mail correspondence from ARCADIS to the NYSDEC related to the following project topics:
 - *Administration Building Footprint Restoration:* ARCADIS indicated that it sent January 7, 2015 e-mail correspondence to the NYSDEC (for approval) that: (1) summarizes the former Administration Building sub-slab soil sampling activities and findings; and (2) presents recommendations for restoring the building footprint with 4-inches of topsoil (consistent with the approach described in the Remedial Design [RD] Addendum). ARCADIS requested that the NYSDEC provide written approval assuming that the proposed restoration is acceptable to the NYSDEC.

- *Additional Backfill Characterization:* ARCADIS indicated that it sent January 14, 2015 e-mail correspondence to the NYSDEC (for information) providing the analytical results for five sets of additional samples collected by Posillico to characterize the next 5,000 CY of general fill to be imported to the Site from BMC (i.e., from 27,000 CY to 32,000 CY of fill). ARCADIS commented that analytical results for each constituent were below both the commercial and groundwater protection soil cleanup objectives (SCOs), except for acetone, which was identified in two of the sample sets at concentrations slightly greater than the 0.05 part per million (ppm) groundwater protection SCO (i.e., estimated 0.074 ppm to 0.13 ppm). ARCADIS indicated that it granted approval for Posillico to import this 5,000 CY of additional fill consistent with the NYSDEC's January 2015 acceptance of the previous 2,000 CY of fill where results were similar.
- *Topsoil Characterization:* ARCADIS indicated that it sent January 15, 2015 e-mail correspondence to the NYSDEC (for approval) presenting the analytical results for the first 4,000 CY of topsoil from the proposed topsoil source (Pinelawn Cemetery located in Farmingdale, New York). ARCADIS commented that the topsoil analytical data meets SCOs, and the proposed topsoil has an organic carbon content higher than that identified in the source previously proposed by Posillico. ARCADIS requested that the NYSDEC provide written approval to import topsoil from the Pinelawn Cemetery, assuming that the source and data are both acceptable to the NYSDEC.
- *Grading Plan for Southeastern Portion of Site:* ARCADIS indicated that it sent January 14, 2015 e-mail correspondence to the NYSDEC (for information) presenting a grading plan that encompasses the area east/southeast of the former Plant 1 building footprint, extending to and including rainwater runoff Sumps #3 and #4 (also formerly known as AOCs 28 and AOC 29), in the southeastern corner of the Site. The grading plan provides control points for Posillico to backfill and restore the part of the Site from the southern property boundary up to the southern limits of the grading plan provided to the NYSDEC on November 25, 2014.
- *Material Staging Area Subsoil Analytical Data:* ARCADIS indicated that it sent January 14, 2015 e-mail correspondence to the NYSDEC (for information) that presents polychlorinated biphenyl (PCB) analytical results for the pre-excavation delineation/confirmation soil samples collected from below the material staging area (i.e., within the proposed Excavation Area 7C footprint) following the liner removal. ARCADIS indicated that the results indicate that soil excavation in this area could extend to a depth of 1 foot below ground surface (bgs) instead of the 2 foot bgs "placeholder" depth identified in the RD Addendum. ARCADIS commented that the soil excavation in this area has been completed.
- Posillico indicated it was working with the Public Service Enterprise Group, Inc. (PSEG) of Long Island regarding removal of the remaining utility poles onsite. Posillico indicated that PSEG is the owner of the poles and that the poles cannot be removed until the meter is removed from the pole with the transformer providing power to the project trailers.