



Mr. Steven M. Scharf, P.E.  
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ENVIRONMENT

Subject:  
Bayer MaterialScience LLC  
125 New South Road  
Hicksville, New York  
NYSDEC Site #130004  
Monthly Progress Report – October 2014

Date:  
November 24, 2014

Dear Mr. Scharf:

Contact:  
John C. Brussel, PE

On behalf of Bayer MaterialScience LLC (Bayer), enclosed is the October 2014 monthly progress report for the above-referenced site.

Phone:  
315.671.9441

If you have any questions regarding the attached report, feel free to contact Scott Krall of Bayer at 412.777.5568 or the undersigned.

Email:  
[John.Brussel@arcadis-us.com](mailto:John.Brussel@arcadis-us.com)

Sincerely,

Our ref:  
B0032305.2013 #10

ARCADIS of New York, Inc.

John C. Brussel, PE  
Principal Engineer

Copies:  
Ms. Katy Murphy, New York State Department of Environmental Conservation (via e-mail)  
Ms. Renata Ockerby, New State Department of Health (via e-mail)  
Mr. Scott Krall, Bayer MaterialScience LLC (via e-mail)  
Mr. David Paule, Bayer MaterialScience LLC (via e-mail)

Imagine the result

## MONTHLY PROGRESS REPORT – OCTOBER 2014

### OPERABLE UNIT 04 REMEDIAL ACTION BAYER MATERIALSCIENCE LLC 125 NEW SOUTH ROAD HICKSVILLE, NEW YORK

#### ACTION THIS MONTH

- Bayer's remedial contractor (Posillico Environmental, Inc. [Posillico]) addressed comments on the Site Operations Plan (SOP) and Contingency Plan and prepared several other submittals as required by the *Remedial Design* (ARCADIS, February 2013) ("the RD") and *Remedial Design Addendum* (ARCADIS, August 2014) ("the RDA"). ARCADIS will forward the SOP and Contingency Plan to the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) once remaining comments have been addressed.
- Posillico continued implementing the Phase 2 Operable Unit 4 (OU4) remedial activities in accordance with the RD and RDA. Key work activities performed by Posillico in October included the following:
  - Continuing to mobilize additional equipment needed for the remedial activities, including a Caterpillar 250 excavator, a John Deere 850 dozer, and a Caterpillar 563 vibratory roller.
  - Starting community air monitoring on October 3, 2014. The air monitoring was performed by Posillico's subcontractor, Preferred Environmental Services, and continued throughout the month.
  - Performing additional in-situ pre-excavation waste characterization sampling during the first week of October 2014. The sampling was performed at the request of the proposed disposal facility (Gloucester County Landfill) to provide additional waste characterization analytical data. Posillico excavated a series of test pits in the proposed "C" Group Excavation Areas (where soil is designated for disposal as a non-hazardous waste) and collected soil samples for laboratory analysis. This new data supplemented existing analytical data from pre-excavation waste characterization soil boring/sampling program performed in September 2014. The Gloucester County Landfill provided approval on October 28, 2014 to accept non-hazardous waste from the Site.
  - Completing removal of the fire suppression system post indicator valves and associated bollards on October 13, 2014. In addition, Posillico's utility subcontractor (Merrick Utility) completed the water main disconnects in New South Road and Commerce Place on October 13, 2014.
  - Continuing to clear trees from the cap area and chip the trees for material to line onsite haul roads. Trees larger than 8-inches in diameter were also cleared and chipped following receipt of a tree removal permit from the Town of Oyster Bay. The tree clearing/chipping work was completed as of October 15, 2014.
  - Collecting additional samples from the proposed offsite clean fill source (Beth Moses Cemetery located in West Babylon, New York) on October 9, 17, and 28, 2014 for laboratory analysis. These new samples and previous samples pre-characterize up to 10,000 cubic yards (CY) of run-of-bank fill to be imported to the Site.

## **MONTHLY PROGRESS REPORT – OCTOBER 2014**

### **OPERABLE UNIT 04 REMEDIAL ACTION BAYER MATERIALSCIENCE LLC 125 NEW SOUTH ROAD HICKSVILLE, NEW YORK**

- Collecting samples to characterize the first 1,000 CY of topsoil from the proposed topsoil source (Beth Moses Cemetery) on October 28, 2014.
- Completing the removal of interior non-structural components of the Administration Building in preparation for building demolition to begin in late November 2014, following demolition permit issuance by the Town of Oyster Bay and a rodent inspection by the Nassau County Department of Health.
- Removing the heating, ventilation, and air conditioning (HVAC) unit from the rooftop of the Administration Building to allow Bayer's abatement contractor (Synatech) to remove approximately 20 square feet of remaining asbestos-containing material from below the unit on October 23, 2014.
- Completing removal of loose lead-based paint (LBP) chips from the Administration Building interior walls on October 24, 2014. This work was performed by Posillico's LBP abatement subcontractor, WRS Environmental Services.
- Transporting two drums of lead-based paint (LBP) chips offsite on October 27, 2014 for disposal at Cycle Chem located in Elizabeth, New Jersey. This work was performed by Posillico's LBP abatement subcontractor, WRS Environmental Services.
- Starting to remove soil from the Phase 2 OU4 non-hazardous waste "C" Group excavation areas during the week of October 13, 2014.
- Starting to import clean run-of-bank sand/gravel (general) fill from the Beth Moses Cemetery during the week of October 20, 2014. Posillico used the general fill to begin backfilling existing open Phase 1 OU4 "A" and "B" Group excavation areas and Phase 2 OU4 "C" Group excavation areas.
- Performing in-place compaction testing of backfilled Phase 1 OU4 "A" and "B" Group excavation areas. This work was completed by Posillico's in-place compaction testing subcontractor, MT Group.
- Starting installation of the site-wide cap and demarcation layer below the cap during the week of October 27, 2014. Approximately 1,300 CY of backfill was placed and compacted for the 8-inch cap base during October 2014.
- Continuing to perform pre-excavation topographic survey and starting to perform post-excavation, post-backfill, and soil cover system topographic survey activities.
- Installing new chain-link perimeter fence along Commerce Place. The fence installation was completed on October 29, 2014 by Posillico's fencing subcontractor (Ponderosa Fencing).

## **MONTHLY PROGRESS REPORT – OCTOBER 2014**

### **OPERABLE UNIT 04 REMEDIAL ACTION BAYER MATERIALSCIENCE LLC 125 NEW SOUTH ROAD HICKSVILLE, NEW YORK**

- Performing weekly inspections of the erosion and sedimentation (E&S) control measures that were installed for the Phase 1 OU4 remedial construction work and new E&S control measures installed for the Phase 2 OU4 remedial construction.
- ARCADIS provided full-time onsite construction observation services during the above-identified work activities and prepared weekly construction progress reports summarizing the work performed. The reports were submitted to the NYSDEC, NYSDOH, Cashin, Spinelli & Ferretti, LLC (CSF) (representing the Town of Oyster Bay), Bayer, Posillico, and Impact Environmental.
- Weekly progress meetings were held on October 1, 8, 15, 22, and 29, 2014 and attended (by phone or in-person) by the NYSDEC, NYSDOH, CSF, Bayer, ARCADIS, and Posillico.
- Posillico submitted an application for demolition of the Administration Building to the Town of Oyster Bay October 14, 2014 following review/approval of the application by ARCADIS and Bayer.
- ARCADIS/Bayer participated in telephone conference calls with the NYSDEC on October 15, 2014 and October 22, 2014 to discuss and resolve questions from the NYSDEC regarding verification of final soil excavation limits for the Phase 2 OU4 remedial action.
- ARCADIS submitted an October 20, 2014 letter/application to the Long Island Railroad (LIRR) requesting an entry permit to perform polychlorinated biphenyl (PCB) soil sampling and limited excavation on LIRR property in connection with remedial activities underway at the Site. Based on conversations with LIRR later that day, ARCADIS further revised the application package to address LIRR comments and provided the revised/simplified final package to Posillico for Posillico's October 21, 2014 submittal to LIRR (per LIRR's request that the permittee submit the package). Posillico proceeded with the next step in the application process (securing insurance) following receipt of an October 22, 2014 acceptance letter from LIRR.
- Bayer and 70 Commerce LLC (owner of the property that abuts the northern tip of the Site) executed an access agreement on October 29, 2014 for Bayer to conduct limited soil excavation work extending approximately 2 feet onto the property (ending at the existing fence line near the property southern boundary of the 70 Commerce LLC property).
- Posillico provided additional information to CWM Chemical Services, LLC (CWM) in response to a request from the landfill in support of the waste profile for Toxic Substances Control Act- (TSCA-) related PCB waste/NYS listed hazardous waste to be transported from the Site to the CWM landfill in Model City, New York.

### **DELIVERABLES THIS PERIOD**

- ARCADIS provided data and information to the NYSDEC in October 3, 2014 e-mail correspondence in support of a request for approval to begin backfilling open excavations and constructing the proposed soil cover system using clean run-of-bank sand/gravel from the Beth Moses Cemetery. The NYSDEC provided approval on October 7, 2014 of the request to import clean fill from the cemetery.

## **MONTHLY PROGRESS REPORT – OCTOBER 2014**

### **OPERABLE UNIT 04 REMEDIAL ACTION BAYER MATERIALSCIENCE LLC 125 NEW SOUTH ROAD HICKSVILLE, NEW YORK**

- ARCADIS submitted the September 2014 monthly progress report to the NYSDEC on October 13, 2014.
- Bayer responded to questions raised by John Simonello of the Hicksville Gardens Civic Association during an October 24, 2014 site visit.

#### **ACTION NEXT MONTH**

- Bayer and ARCADIS will continue to review submittals to be prepared by Posillico and submit Posillico's final SOP, Contingency Plan, and HASP to the NYSDEC and NYSDOH in late November 2014.
- Posillico will continue implementing the Phase 2 OU4 remedial activities at the Site during November 2014, including but not limited to excavating additional impacted soil, transporting soil characterized as non-hazardous waste to the Gloucester County Landfill for disposal, transporting soil characterized as TSCA-regulated PCB waste/NYS listed hazardous waste to the Model City Landfill, continuing to import clean general fill and use the material to continue backfilling excavations and constructing the soil cover system, importing and placing topsoil for the soil cover system, and demolishing the Administration Building.
- Posillico will continue with the permitting process with LIRR for access to perform remedial activities extending onto the LIRR corridor.

#### **SCHEDULE CHANGES**

There were no significant schedule changes in October 2014 that will impact the existing overall project schedule. Posillico anticipates providing additional equipment and transport vehicles, as needed, to offset the slight delays in receiving profile approvals from the proposed disposal facilities.