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Mr. Steven M. Scharf, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A
625 Broadway, 12th Floor
Albany, New York 12233-7016

ENVIRONMENT

Subject:
Bayer MaterialScience LLC
125 New South Road
Hicksville, New York
NYSDEC Site #130004
Monthly Progress Report – November 2013

Date:
December 18, 2013

Dear Mr. Scharf:

Contact:
John C. Brussel, PE

On behalf of Bayer MaterialScience LLC (Bayer), enclosed is the November 2013 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

Sincerely,

Our ref:
B0032305.0011 #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. David Schnelzer, Bayer MaterialScience LLC (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 – NOVEMBER 2013

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

ACTION THIS MONTH

- ARCADIS continued to perform weekly inspections of the erosion and sedimentation control measures that were installed for the Phase 1 Operable Unit 4 (OU4) remedial construction work. Inspections are scheduled to continue through the temporary shut-down of remedial activities.
- ARCADIS' subcontractor, Muñoz Engineering & Land Surveying, P.C., received and reviewed the Abstracts of Title for the site from the Abstract company and continued to perform the field portion of the ALTA/NYSDEC-specification boundary survey.
- ARCADIS performed a pre-demolition survey of the Administration building during the week of November 11th, which included: (1) collecting concrete, paint, caulk, and suspect asbestos-containing-material samples for laboratory analysis; and (2) performing a regulated material/equipment survey.
- The New York State Department of Environmental Conservation (NYSDEC), Bayer MaterialScience LLC (Bayer), and ARCADIS participated on a November 15, 2013 telephone conference call to discuss comments on the "draft" 2013 Phase 2 Delineation Soil Sampling Summary, Proposed PCB Delineation Refinement and Verification for Soil Remediation, and Proposed Arsenic Soil Cleanup Modification letter report. Per the NYSDEC's request during the call, ARCADIS started to develop four potential remedial scenarios and associated costs for addressing remaining soil containing arsenic at concentrations greater than the 16 part per million (ppm) commercial-use soil cleanup level. This includes comparing different modes of offsite transportation (truck, rail, truck-to-rail) for the remedial scenarios involving excavation and offsite disposal.
- ARCADIS implemented an additional round of delineation/verification soil sampling at the site during the week of November 18, 2013. Results will be used in developing the OU4 Phase 2 Remedial Design (RD) Addendum.

DELIVERABLES THIS PERIOD

- The "draft" 2013 Phase 2 Delineation Soil Sampling Summary, Proposed PCB Delineation Refinement and Verification for Soil Remediation, and Proposed Arsenic Soil Cleanup Modification letter report was submitted to the NYSDEC on November 7, 2013.

ACTION NEXT MONTH

- Complete the field survey and mapping for the ALTA/NYSDEC-specification boundary survey.
- Complete the additional delineation/verification soil sampling program described above during the week of December 2, 2013.
- Prepare a letter to the NYSDEC summarizing the above-identified evaluation of hypothetical arsenic soil remedial scenarios and making a recommendation.

MONTHLY PROGRESS REPORT – NOVEMBER 2013

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

- Work with Bayer and EQ for offsite transportation and disposal of decontamination waters in the onsite frac tank, temporary deactivation of electric service to the field office trailers, and temporary demobilization of the office trailers (to be remobilized for the Phase 2 OU4 remedial activities in late Winter/early Spring 2014).
- Work on the RD Addendum that will outline the scope of the Phase 2 OU4 remedial action.

SCHEDULE CHANGES

Final remedial construction work is anticipated to be performed after: (1) additional delineation (refinement) soil sampling results are received by Bayer/ARCADIS and evaluated; (2) an RD Addendum is prepared by Bayer/ARCADIS and approved by the NYSDEC; and (3) Bayer completes Contractor procurement for the Phase 2 OU4 remedial action. A revised detailed schedule for implementing upcoming work is presented in the *2013 Phase 2 Delineation Soil Sampling Summary, Proposed PCB Delineation Refinement and Verification for Soil Remediation, and Proposed Arsenic Soil Cleanup Modification* letter report dated November 15, 2013.