



Ms. Alicia Barraza  
New York State Department of Environmental Conservation  
Division of Solid & Hazardous Materials  
Bureau of Solid Waste and Corrective Action  
625 Broadway  
Albany, New York 12233-7258

Subject:

Bayer MaterialScience LLC  
125 New South Road  
Hicksville, New York  
USEPA ID#: NYD002920312  
Monthly Progress Report – August 2009

Dear Ms. Barraza:

On behalf of Bayer MaterialScience LLC (Bayer), enclosed is the August 2009 monthly progress report for the above-referenced site. The report was prepared in accordance with reporting requirements outlined in Paragraph IV of the December 2002 Order on Consent (File #R1-20011022-212) between Bayer and the New York State Department of Environmental Conservation (NYSDEC).

If you have any questions regarding the attached report, feel free to contact Ramon Simon of Bayer at 281.383.6149 or the undersigned.

Sincerely,

ARCADIS

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. Wayne Baldwin, Bayer MaterialScience LLC (via e-mail)  
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ENVIRONMENT

Date:

August 31, 2009

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Our ref:

B0032305.0001 #5

Imagine the result

8/31/2009

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## **MONTHLY PROGRESS REPORT – AUGUST 2009**

### **RCRA CORRECTIVE ACTION PROGRAM BAYER MATERIALSCIENCE LLC 125 NEW SOUTH ROAD HICKSVILLE, NEW YORK**

#### **ACTION THIS MONTH**

- Bayer's remedial contractor (The Environmental Quality Company – EQ) implemented interim corrective measure (ICM) activities in accordance with the New York State Department of Environmental Conservation- (NYSDEC-) approved *Interim Corrective Measure Additional PCB Soil Removal Work Plan* (ARCADIS, November 2008) and related correspondence. The ICM field work was completed during the week of August 17, 2009. Key work activities performed in August included the following:
  - Completing backfilling operations and performing compacting testing.
  - Transporting impacted soil to EQ's Wayne Disposal facility (Toxic Substances Control Act/hazardous waste landfill) in Belleville, Michigan. A total of 37 rail-car loads and 29 tractor trailer dump truck-loads were transported for offsite disposal.
  - Decontaminating and demobilizing project equipment.
- ARCADIS provided onsite observation services during implementation of the ICM in August 2009, including air monitoring in accordance with the New York State Department of Health (NYSDOH) Community Air Monitoring Plan (CAMP).
- Weekly construction progress reports for the ICM were submitted to the NYSDEC and Township of Oyster Bay.
- A conference call with the New York State Department of Environmental Conservation (NYSDEC) was held on August 4, 2009 to discuss the requirements of the existing Order on Consent (File #R1-20011022-212) between Bayer and the NYSDEC. As a follow-up to that call, Bayer submitted copies of the ARCADIS and EQ Health and Safety Plans for the ICM to the NYSDEC on August 19, 2009.
- ARCADIS began to prepare the ICM Certification Report to summarize the work performed as part of the ICM additional PCB soil removal activities, including modifications made to the work plan based on field conditions encountered.
- ARCADIS continued to revise the Corrective Measures Study (CMS) Report to reflect the work performed as part of the ICM and include additional remedial alternatives in response to discussions with the NYSDEC.
- A meeting was held with the Nassau County Fire Commission to review and copy records relating to volatile organic compound (VOC) generation, use, storage, releases, transportation, and disposal at nearby properties for consideration in the Phase IV soil vapor investigation.
- The Phase IV soil vapor investigation field activities were implemented during the week of August 17, 2009. These activities included collecting soil vapor samples from temporary probes installed at 12 sampling locations and submitting the samples to TestAmerica of Burlington, Vermont for analysis.

## **MONTHLY PROGRESS REPORT – AUGUST 2009**

### **RCRA CORRECTIVE ACTION PROGRAM BAYER MATERIALSCIENCE LLC 125 NEW SOUTH ROAD HICKSVILLE, NEW YORK**

#### **DELIVERABLES THIS MONTH**

- The NYSDEC provided comments on Bayer's July 30, 2009 proposal to remove and dispose of soils "mounded" at the southwest end of the Plant 1 footprint (i.e., fill that formerly supporting the building that is at a higher elevation than the surrounding grades) in e-mail correspondence dated August 3, 2009.
- ARCADIS submitted e-mail correspondence to the NYSDEC dated August 27, 2009 that responded to an August 13, 2009 request to Bayer for additional information related to the final PCB cleanup at the site, including number of remediation areas, remedial limits and quantities, and PCB concentrations in the areas.

#### **ACTION NEXT MONTH**

- The ICM Certification Report and CMS Report will be completed for review by Bayer. The reports will be revised, as needed, following receipt of Bayer's comments and submitted to the NYSDEC.
- Data and information received from the Nassau County Fire Commission will be reviewed.
- Results from the Phase IV soil vapor investigation (due by September 18, 2009) will be tabulated and presented on figures. The data tables and figures will be provided to the NYSDEC.

#### **SCHEDULE CHANGES**

- There were no significant schedule changes in August 2009, other than the start of the Phase IV soil gas investigation activities was moved from August 3rd to August 17th.