



Ms. Alicia Barraza  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
Remedial Bureau B  
625 Broadway, 12th Floor  
Albany, New York 12233-7016

Subject:  
Bayer MaterialScience LLC  
125 New South Road  
Hicksville, New York  
USEPA ID#: NYD002920312  
Monthly Progress Report – April 2011

Dear Ms. Barraza:

On behalf of Bayer MaterialScience LLC (Bayer), enclosed is the April 2011 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

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ENVIRONMENT

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Our ref:  
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Imagine the result

Copies:

Ms. Katy Murphy, New York State Department of Environmental Conservation  
(via e-mail)

Mr. Steven Scharf, 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)

Mr. Ramon Simon, Bayer MaterialScience LLC (via e-mail)

Mr. Glenn Sabadosa, Bayer MaterialScience LLC (via e-mail)

## **MONTHLY PROGRESS REPORT – APRIL 2011**

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

#### **ACTION THIS MONTH**

- ARCADIS provided Simone Development (Simone) with a 5-day written notice on April 1, 2011 requesting permission to access the Simone building complex to perform a vapor intrusion (VI) investigation.
- ARCADIS performed the product inventory and building reconnaissance portion of the VI investigation at the Simone building complex from April 12 to April 21, 2011.
- ARCADIS scheduled a site meeting with Bayer and New York State Department of Environmental Conservation (NYSDEC) for June 8, 2011 (New York State Department of Health [NYSDOH] attendance is currently tentative) to discuss recent work activities, progress towards site closure, and upcoming work activities.
- A conference call with the NYSDEC, New York State Department of Health (NYSDOH), Periconi, LLC (outside counsel for Simone), Bayer, and ARCADIS was held on April 26, 2011 to discuss the product inventory, building reconnaissance, and selection of sampling locations.
- ARCADIS started the indoor air and sub-slab soil vapor sampling on April 27, 2011. The sampling was completed at all of the sampling locations except for indoor air samples at locations IA-7 and IA-8 due to a shortage of SUMMA<sup>®</sup> canisters (the laboratory provided several canisters with initial vacuums of less than 28 inches of mercury [in. of Hg] which could not be used for sampling per the VI Investigation Work Plan). As discussed on an April 28, 2011 call between ARCADIS and the NYSDOH, the two remaining indoor air samples will be collected during the week of May 2, 2011 when additional SUMMA<sup>®</sup> canisters are available.
- ARCADIS prepared a metals soil delineation work plan for further evaluating the presence and delineating the extent of cadmium and arsenic concentrations in soil at the site in response to the NYSDEC conditions for approving the Corrective Measures Study (CMS) Report. ARCADIS provided the “draft” work plan to Bayer for review in April 27, 2011 e-mail correspondence.

#### **DELIVERABLES THIS MONTH**

- A letter responding to the NYSDEC comments on the “draft” CMS Report was provided by ARCADIS in April 19, 2011 e-mail correspondence to the NYSDEC.

#### **ACTION NEXT MONTH**

- ARCADIS will submit the “draft” metals soil delineation work plan to the NYSDEC following revision, if needed, in response to review by Bayer and Impact Environmental (the environmental consultant to Simone).

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

- Begin to implement the metals soil delineation if timely approval is provided by the NYSDEC.
- ARCADIS will provide the NYSDEC, NYSDOH, Bayer, and Simone with preliminary laboratory analytical results for sub-slab soil vapor, indoor air, and outdoor (ambient) air samples collected as part of the VI Investigation at the Simone building complex and a figure showing the sampling locations.
- ARCADIS will prepare separate VI investigation work plans for properties south of the LIRR (if the NYSDEC determines they are needed at any of the properties).

**SCHEDULE CHANGES**

- There were no significant schedule changes in April 2011.