



ARCADIS of New York, Inc.  
6723 Towpath Road  
P O Box 66  
Syracuse  
New York 13214-0066  
Tel 315 446 9120  
Fax 315 449 4111

**MEMO**

To:

Steven Scharf, P.E., NYSDEC  
Katy Murphy, NYSDEC  
Renata Ockerby, NYSDOH  
Julia Schneider, Town of Oyster Bay  
Bob Foster, Bayer  
David Schnelzer, Bayer  
Ramon Simon, Bayer

John Brussel, ARCADIS  
David Kingsley, ARCADIS  
Gregory McDermott, ARCADIS  
Dave Cirolì, EQ  
John Curran, EQ  
David Kahn, Preferred Env.

From:

Andrew Enigk, ARCADIS

Date:

March 19, 2013

ARCADIS Project No.:

B0032305.0009

Subject:

Bayer MaterialScience LLC – 125 New South Road, Hicksville, New York  
Weekly Progress Meeting Summary – March 13, 2013

---

This memorandum summarizes items discussed during the March 13, 2013 weekly progress meeting for the Operable Unit 4 (OU4) remedial activities being performed at the Bayer MaterialScience LLC (Bayer) site located at 125 New South Road in Hicksville, New York (the Site). The remedial activities are being implemented by Bayer's remedial contractor (EQ) with onsite construction/engineering oversight provided by ARCADIS.

**ATTENDEES**

The following personnel attended the meeting:

- Steve Scharf – NYSDEC (call-in)
- Katy Murphy – NYSDEC (call-in)
- Julia Schneider – Town of Oyster Bay
- Bob Foster – Bayer (call-in)
- David Schnelzer – Bayer
- John Brussel – ARCADIS (call-in)
- Dave Kingsley – ARCADIS (call-in)
- Andrew Enigk – ARCADIS (call-in)
- Greg McDermott – ARCADIS
- Dave Cirolì – EQ
- John Curran – EQ
- Dave Kahn – Preferred Environmental

The meeting sign-in sheet is included as Attachment A.

### **HEALTH AND SAFETY MOMENT**

- John Curran of EQ indicated that trucks leaving the site had limited visibility, so a flag person was being used to assist trucks leaving the site.

### **SAFETY/SAFE WORK PRACTICES**

- EQ indicated that it held daily tailgate meetings and all work has progressed safely with no incidents.

### **AIR MONITORING**

- Preferred Environmental has been performing community air monitoring during the project work and no volatile organic compounds (VOCs) or particulates have been measured above the action levels in the Community Air Monitoring Plan (CAMP) (i.e., 5 ppm above background for VOCs and 100 micrograms per cubic meter initial action level above background for particulates).
- Community air monitoring results for perimeter air monitoring performed for the week of February 25, 2013 and March 4, 2013 were sent to the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) on March 12 and 13, 2013 respectively.
- EQ indicated that air monitoring was not being performed during periods of precipitation due to potential damage to the monitoring equipment. ARCADIS indicated that the intent of the design was to perform continuous monitoring during all remedial activities except for extreme wind and rain events and wanted to discuss EQ's approach with the NYSDOH.
- Following the meeting, ARCADIS discussed EQ's air monitoring approach with the NYSDOH and the following agreements were made: (1) it is acceptable to temporarily discontinue the community air monitoring (for particulates and VOCs) during periods of rain; (2) enclosures are not required for the community air monitoring equipment for this project; (3) depending on work activities and conditions, additional dust control measures may be needed during periods of (light) rain; (4) weather conditions need to be well-documented throughout the remedial construction project; and (5) community air monitoring postponed due to rain shall be re-established as soon as weather conditions allow. A copy of March 13, 2013 e-mail correspondence between the NYSDOH and ARCADIS related to the air monitoring and above agreements is provided in Attachment B.

### **REVIEW/APPROVAL OF PRIOR MEETING MINUTES**

ARCADIS distributed the meeting minutes for the first two weekly construction meetings (held February 27, 2013 and March 6, 2013) after this week's meeting.

### **REVIEW OF WORK PROGRESS**

- EQ completed clearing of vegetation from site excavation areas.
- EQ completed installation of erosion and sediment control measures and began required inspections and reporting.
- EQ loaded four 50 cubic yard (CY) trucks with vegetation generated during clearing work and transported the vegetation off-site to Crown Recycling, LLC in Calverton, NY.
- EQ mobilized one John Deere 550 Dozer.
- EQ received materials and continued constructing the material staging/containment areas.
- EQ plowed snow from the site entrance and onsite driveways on March 8, 2013.
- EQ's surveying subcontractor (Angle of Attack Land Surveying) continued locating and marking proposed excavation limits and began pre-excavation survey activities.
- EQ continued to work on their Operations Plan, Survey Control Plan, and construction material submittals to address comments provided by ARCADIS.
- EQ continued providing various submittals, as required, for ARCADIS review.
- Bayer indicated that New South Road Realty had an Appraiser scheduled to visit the site this week.

### **PROPOSED WORK ACTIVITIES**

EQ's two-week "look ahead" schedule is included as Attachment C and summarized below:

- Continue mobilization of personnel, equipment, and materials, as needed.
- Continue vegetation clearing within work areas, with loading and transportation offsite for recycling.

- Continue erosion and sediment control inspections and maintenance.
- Complete construction of material staging/containment areas and the equipment decontamination pad.
- Begin excavation and staging of soil from the “B” Group Excavation Areas and start collecting confirmation soil samples for laboratory analysis.
- Continue pre-excavation surveying activities.
- Continue implementation of the CAMP air monitoring.
- Continue pursuing a power drop, telephone, and internet service to the project trailers. A generator will continue to provide interim power to office trailers.
- Coordinate decommissioning of water lines and natural gas lines at the street.

#### **OPEN DISCUSSION**

- The NYSDEC asked if power was installed in the project trailers and EQ indicated it expected the Long Island Power Authority onsite after the meeting to install power.
- The NYSDEC indicated it may visit the site on March 30, 2013.
- Cashin, Spinelli & Ferretti, LLC (CSF) (representing the Town of Oyster Bay) inquired about the locations selected for installation of the erosion and sediment (E&S) controls, and ARCADIS indicated that the measures were installed down slope of excavation areas, along the perimeter of the property. ARCADIS indicated that it would show CSF the E&S control figure from EQ’s “draft” Operations Plan that was used to install the E&S controls. CSF also inquired about the E&S Inspection frequency, and EQ indicated it was performing weekly inspections and inspections after rain events.

Upon receipt of this memorandum, please notify Mr. Andrew Enigk of ARCADIS at 315.671.9548 within 5 days if you believe that any portion of this summary does not accurately reflect issues discussed/resolved during the March 13, 2013 meeting, or if additional items should be recorded in this summary. If modifications are made, a follow-up memorandum will be distributed.

**Attachment A**

Sign-In Sheet

WEEKLY MEETING SIGN-IN  
 REMEDIAL DESIGN IMPLEMENTATION  
 BAYER MATERIAL SCIENCE, LLC  
 125 NEW SOUTH ROAD  
 HICKSVILLE, NEW YORK

DATE: 3/13/2013

NAME	COMPANY	POSITION
John Curran	EQ	Supervisor
David Kohn	Proform	CQA
Gregory Medendorp	ARADIS	CQA Engineer
Dave Schneizer	Bayer	PM
Dave Ciruli	EQ	PM
Julia Schneider	CSP	

**Attachment B**

**E-mail Correspondence**

## Brussel, John

---

**From:** Fay S. Navratil [fns01@health.state.ny.us]  
**Sent:** Wednesday, March 13, 2013 3:05 PM  
**To:** Brussel, John  
**Cc:** 'Bob Foster'; Dave Cirolì; Kingsley, David; 'David Schnelzer'; David Kahn; Fay S. Navratil; McDermott, Gregory; John Curran; Julia Schneider; Katy Murphy; 'Ramon Simon'; Renata E Ockerby; 'Steven Scharf'; Charlotte M. Bethoney  
**Subject:** Re: Follow-Up to Today's Construction Meeting: OU4 Remedial Action, Bayer Hicksville, NY (NYSDEC Site #130004)

John -

Thank you for the synopsis of our discussion. I would just like to also add that the CAMP should be re-established as soon as weather conditions allow.

As discussed, I will not be on next weeks conference call due to being in the field. Please do not hesitate to contact me should you have any additional questions or concerns.

Fay S. Navratil  
Public Health Specialist III  
NYS Dept. of Health  
Bureau of Environmental Exposure Investigation  
Empire State Plaza, Corning Tower, Rm 1787  
Albany, NY 12237  
(518) 402-7880

▼ "Brussel, John" ---03/13/2013 02:33:18 PM---All, I spoke with Fay Navratil of the NYSDOH this afternoon regarding the community air monitoring b

From: "Brussel, John" <John.Brussel@arcadis-us.com>  
To: 'Steven Scharf' <sxscharf@gw.dec.state.ny.us>, Katy Murphy <khmurphy@gw.dec.state.ny.us>, Renata E Ockerby <reo02@health.state.ny.us>, "Fay S. Navratil" <fns01@health.state.ny.us>, Julia Schneider <JSchneider@csfllc.com>, 'Bob Foster' <bob.foster@bayer.com>, "David Schnelzer" <david.schnelzer@bayer.com>, 'Ramon Simon' <ramon.simon@bayer.com>, "Kingsley, David" <David.Kingsley@arcadis-us.com>, "McDermott, Gregory" <Gregory.McDermott@arcadis-us.com>, Dave Cirolì <Dave.Cirolì@eqonline.com>, John Curran <John.Curran@eqonline.com>, "David Kahn" <dkahn@preferredenv.com>  
Date: 03/13/2013 02:33 PM  
Subject: Follow-Up to Today's Construction Meeting: OU4 Remedial Action, Bayer Hicksville, NY (NYSDEC Site #130004)

---

All,

I spoke with Fay Navratil of the NYSDOH this afternoon regarding the community air monitoring being performed in connection with the OU4 remedial activities at the Bayer Hicksville site. Fay indicated that it is acceptable to the NYSDOH to temporarily discontinue the community air monitoring (for particulates and VOCs) during periods of rain. The NYSDOH is not requiring enclosures for the community air monitoring equipment on this project. Fay commented that the rain will provide natural dust control. She also commented that air monitoring equipment exposed to the rain would not provide reliable readings and could become damaged. Depending on work activities and conditions, additional dust control measures may be needed during periods of (light) rain.

We discussed that VOC-impacted soil was removed as part of the 2009 ICM and that the existing soil analytical data indicates that remaining soil at the site does not contain VOCs at concentrations exceeding the commercial use SCOs. We discussed that high VOC concentrations have been identified in soil vapor at the site, but these data do not necessarily mean that ambient air would become elevated with VOCs during excavation. Air monitoring personnel should



be aware of (and document) obvious odors at the site throughout the project, particularly during periods of rain when instrument monitoring is temporarily discontinued. Actions shall be taken to address odors, if encountered.

Fay stressed that weather conditions need to be well-documented throughout the remedial construction project. This includes, but is not limited to, humidity, precipitation amounts, periods of precipitation, wind speed, wind direction, and temperature throughout the day. A daily log should be kept documenting the times when air monitoring is not performed due to the rain. This information should also be summarized in the weekly community air monitoring reports.

Feel free to call me if you have any questions or need additional information.

Thank you.

-John

**John C. Brussel** | Principal Engineer/Certified Project Manager | [John.Brussel@arcadis-us.com](mailto:John.Brussel@arcadis-us.com)

ARCADIS U.S., Inc. | 6723 Towpath Road, Box 66 | Syracuse, NY 13214-0066

T. 315.671.9441 | M. 315.317.8104 | F. 315.449.4111

[www.arcadis-us.com](http://www.arcadis-us.com)

Professional Affiliate/ ARCADIS of New York, Inc.

Professional Registration/ PE-NY #075208

ARCADIS, Imagine the result

Please consider the environment before printing this email.

---

NOTICE: This e-mail and any files transmitted with it are the property of ARCADIS U.S., Inc. and its affiliates. All rights, including without limitation copyright, are reserved. The proprietary information contained in this e-mail message, and any files transmitted with it, is intended for the use of the recipient(s) named above. If the reader of this e-mail is not the intended recipient, you are hereby notified that you have received this e-mail in error and that any review, distribution or copying of this e-mail or any files transmitted with it is strictly prohibited. If you have received this e-mail in error, please notify the sender immediately and delete the original message and any files transmitted. The unauthorized use of this e-mail or any files transmitted with it is prohibited and disclaimed by ARCADIS U.S., Inc. and its affiliates. Nothing herein is intended to constitute the offering or performance of services where otherwise restricted by law.

**Attachment C**

**Two-Week Look-Ahead**

**EQ NORTHEAST**

Project: **Bayer Site OU-4 Remedial Action Contract # H89999**  
 Date: **March 8, 2013**  
 Superintendent: **John C**  
 PM: **Dave C**

**2 Week Look Ahead Schedule**

Item	Description	3/11 - 3/15							3/18 - 3/22							3/25 - 3/29							Comments							
		S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S								
	<b>Task Description</b>	11	12	13	14	15							18	19	20	21	22							25	26	27	28	29		
	<b>Mobilization</b>																													
	- Utility Markout / 30 Day Up-Grade																													
	- Fire Loop Closure & Hydrant Conn.																												Permits	
	- Topo Survey & Stake AOC Grids																												Angle of Attack	
	- Permanent Power & Telecom																												LIPA / Verizon	
	- A Soil Containment & Construction																													
	- Decon Pad Construction																													
	Utility (Water) Cut & Cap @ Street																												Lines shut @ Str.	Hicksville Water
	CAMP / Air Monitoring																												Preferred Env.	
	<b>Excavation</b>																													
	- Survey/Stake Area B Exc. ( 1')																													
	- Exc./Stockpile Grid B Soils (3000 +/-)																												Angle of Attack	Recapture Base El.
	- Survey/Stake Area A Exc. (1-2')																													
	- Exc./Stockpile Area A Soils (1,500+/-)																													
	- Survey/Stake Area A Exc. (3-10')																													
	- Exc./Stockpile Area A Soils (5,600+/-)																													
	- Exc./Stockpile Mound (1,200 +/-)																													
	Documentation & Waste Soil Sampling																												Preferred Env.	
	<b>Waste Transport &amp; Disposal</b>																													
	- Non Haz. Trucking																													
	- Non Haz. Concrete Disposal																													
	- Haz. Rail to EQ																													
	<b>Backfilling Operations</b>																													
	- Re-Use soils ( 3,000 +/-)																													
	- Imported Fill ( 4,350 +/-)																													
	- Topsoil (2,500 +/-)																													
	- Hydroseed (5 acres)																													
	<b>Demobilization</b>																													
	Alternate Work:																													
	Needed Subcontractors:																													
	Issues / Resolutions:																													