

WEEKLY PROGRESS REPORT #10: 4/22/13 – 4/28/13

**BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD, HICKSVILLE, NEW YORK**

This weekly progress report summarizes work activities performed in connection with the remediation of Operable Unit 4 (OU4) at the above-referenced site during the week of April 22, 2013 and activities planned for the following week. The remedial activities are being performed by The Environmental Quality Company (EQ) and their subcontractors, on behalf of Bayer MaterialScience LLC (Bayer), with construction oversight provided by ARCADIS. The activities during the period specified above were as observed by Gregory McDermott of ARCADIS.

A. COMPLETED WORK/WORK IN PROGRESS

1. EQ excavated a total of approximately 899 in-situ cubic yards (CY) of “A” Group Excavation Area soil this week and 2,832 CY to date, and stockpiled it within the lined material staging area. Excavation material volume for “B” Group Areas and “mound area” remains unchanged. The progress of excavation activities through the end of the reporting period is shown on the attached figure. Estimated quantities of materials excavated and managed during the reporting period are presented in the attached table. Secured covers were in-place on all soil stockpiles when soil was not being actively added to or removed from the stockpiles.
2. EQ performed the following work related to the “A” Group Excavation Areas:
 - Initiated soil excavation from Areas 10A, 29A and 32A to approximately 8 feet, 4 feet and 2 feet below ground surface (bgs), respectively.
 - Excavated soil from Areas 30A and 34A to approximately 6 feet bgs and from 31A to approximately 2 feet bgs.

The soil excavated from these areas was stockpiled in the western-most lined material staging area.
3. EQ loaded “A” Group soil from the western-most lined material staging area for offsite disposal at the Town of Brookhaven Landfill. A total of 78 truckloads were transported from the site (approximately 17 CY per truckload) to the Brookhaven Landfill for disposal.
4. EQ’s sampling subcontractor, Preferred Environmental Services (PES), continued collecting verification soil samples (14 total samples this week) from the completed “A” Group Excavation Areas for laboratory analysis. PES collected soil samples V-RD-125 through V-RD-127, V-RD-134 through V-RD-136, V-RD-138 and V-RD-139.
5. PES conducted in-situ waste characterization sampling of “A” Group soil excavations on April 23, 2013, which included collecting sample Bayer-WC-7 from Areas 13A, 14A, and 15A and sample Bayer-WC-8 from Areas 17A, 18A, and 19A.

6. PES continued waste characterization sampling of stockpiled "A" Group soil. PES collected sample Bayer-WC-9 on April 24, 2013 and sample Bayer-WC-10 on April 26, 2013.
7. PES continued to perform air monitoring and reporting in accordance with the project-specific Community Air Monitoring Plan (CAMP) presented in the Remedial Design. No volatile organic compounds (VOCs) or particulates were measured above the action levels.
8. EQ's surveying subcontractor, Angle of Attack Land Surveying (AALS), continued locating and marking proposed excavation limits and soil sampling locations and conducted additional pre-excavation survey for "A" Group Excavation Areas. AALS submitted a pre-excavation topographic survey to ARCADIS for 13 "A" Group Excavation Areas (13A, 19A, 20A, 21A through 28A, 32A, 33A, and 35A). Post-excavation survey data has not yet been provided to ARCADIS.
9. EQ continued to provide various submittals, as required, for ARCADIS review.
10. Carl Fritz of the New York State Department of Environmental Conservation visited the site on April 24, 2013.

B. PROPOSED SITE ACTIVITIES FOR THE WEEK OF 4/29/13

1. Continue mobilization of personnel, equipment, and materials, as needed.
2. Continue excavation and staging of soil from the "A" Group Excavation Areas and perform confirmation soil sampling and analysis.
3. Continue offsite disposal of stockpiled "A" Group soil.
4. Begin direct loading of "A" Group Excavation Areas based on in-situ waste characterization sampling results.
5. Continue surveying to document pre-excavation and post-excavation elevations and verification soil sampling locations/elevations.
6. Continue implementation of the CAMP air monitoring and required reporting.

C. WEEKLY SITE PHOTOS



Loading of Tri-Axle Trucks with "A" Group Soil for Offsite Disposal



Excavating Area 34A



Completed Area 34A



Excavating Area 29A

Attachment A

Excavation Progress Table

**TABLE 1
PROJECT EXCAVATION PROGRESS**

**WEEK OF APRIL 22, 2013
FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD, HICKSVILLE, NEW YORK**

Excavation Operation	Design Volume (CY)	Removal Volumes (CY)				Percent Completed
		Previous Totals	Current Week Totals	Total to Date	Remaining Volume	
"A" Group Excavation Area Removals						
Impacted Soil	7,140	1,933	899	2,832	4,308	40%
Additional Impacted Soil	NA	0	0	0	--	NA
Concrete	300	14	15	29	271	10%
Asphalt	NA	0	0	0	--	NA
"B" Group Excavation Area Removals						
Re-Use Soil	2,957	1,912	0	1,912	1,045	65%
Impacted Soil	NA	50	0	50	--	NA
Concrete	NA	20	0	20	--	NA
Asphalt	NA	70	0	70	--	NA
Other Areas						
Mound Area Soil	1,115	993	0	993	122	89%

Notes:

- Excavation volumes are estimates based on field observations and measurements.
- "Additional Impacted Soil" for "A" Group Excavation Areas refers to additional soil removed for offsite transportation and disposal based on staining or odors and/or verification sampling results.
- "Impacted Soil" for "B" Group Excavation Areas refers to soil transported offsite for disposal based on visual staining or odors and/or post-excavation confirmation sampling results for each 500 cubic yard stockpile.
- Asphalt removed from "B" Group soil excavations will be placed in the lined soil staging area for offsite transportation and disposal with the "A" Group Excavation Area soils.
- CY = Cubic Yards.
- NA = Not Applicable.

Attachment B

Excavation Progress Figure

