

WEEKLY PROGRESS REPORT #6: 3/25/13 – 3/31/13**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 March 25, 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 and stockpiled a total of approximately 935 cubic yards (CY) of “B” Group Excavation Area soil this week and approximately 1,385 CY of “B” Group soil to date. The areas that have been excavated through the end of the reporting period are shown on the attached figure. 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 “B” Group Excavation Areas:
 - Removed soil from Area 7B to approximately 1 foot below ground surface (bgs) and stockpiled the soil within the limits of unexcavated Area 5B.
 - Removed soil from Area 16B to approximately 1 foot bgs and stockpiled the soil within the limits of excavated Area 16B in two separate piles. Approximately 50 CY of soil from Area 16B exhibited visual staining and odors and was stockpiled on 10 mil polyethylene sheeting in unexcavated “A” Group Excavation Area 18A for offsite transportation and disposal.
 - Started removing soil from Areas 12B, 13B, and 15B to approximately 1 foot bgs and stockpiling the soil within the limits of unexcavated Area 14B.
3. EQ's sampling subcontractor, Preferred Environmental Services (PES), continued collecting verification soil samples (21 total samples this week) from the completed “B” Group Excavation Areas for laboratory analysis. PES collected soil samples V-RD-224 through V-RD-226, V-RD-228 through V-RD-236, V-RD-179 through V-RD-184, V-RD-189, V-RD-190, and V-RD-194.
4. PES collected composite soil samples from approximate 500 CY stockpiles of “B” Group Excavation Soil for laboratory analysis to assess potential reuse onsite as subsurface fill (below a minimum of 1 foot of imported clean soil). PES collected one sample (Sample ID: Bayer-PRS-SP-1) on March 25, 2013 from “B” Group soils staged within the limits of Area 5B, which consists of soil from Areas 1B, 2B, 3B, 4B, 5B, 6B, 7B, 8B, and 11B. PES collected the second sample (Sample ID: Bayer-PRS-SP-2) on March 27, 2013 from “B” Group soils staged in the southern stockpile within the limits of Excavation 16B.

5. 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. Air monitoring was suspended on March 25, 2013 at 12:45 p.m. due to precipitation.
6. EQ's surveying subcontractor, Angle of Attack Land Surveying (AALS), continued locating and marking proposed excavation limits and soil sampling locations, conducted additional pre-excavation survey, and continued post-excavation surveying of the completed "B" Group Excavation Areas. AALS submitted a pre-excavation topographic survey to ARCADIS for Excavation Areas 12B, 13B, 14B, 15B, and 17B.
7. EQ continued to provide various submittals, as required, for ARCADIS review.
8. Steven Scharf of the New York State Department of Environmental Conservation visited the site on March 27, 2013. Bob Foster of Bayer visited the site from March 26, 2013 to March 27, 2013. Jim Kay of Conestoga-Rover and Associates and Mike Anderson, Juan Sonomo, and Roger Smith of Glen Springs Holdings, Inc. (representing OXY) visited the site on March 27, 2013.

B. PROPOSED SITE ACTIVITIES FOR THE WEEK OF 4/1/13

1. Continue mobilization of personnel, equipment, and materials, as needed.
2. Complete excavation and staging of soil from the "B" Group Excavation Areas and perform confirmation soil sampling and analysis.
3. Start excavation and staging of soil from the "A" Group Excavation Areas and perform confirmation soil sampling and analysis.
4. Continue pre-excavation, post-excavation, and verification soil sampling location survey activities.
5. Continue implementation of the CAMP air monitoring and required reporting.
6. Continue to pursue the final power connections for the project trailer power drop. A generator will continue to provide interim power to office trailers.

C. WEEKLY SITE PHOTOS



EQ Removing Soil from Excavation Area 16B.



EQ Removing Soil from Excavation Area 16B.



EQ Removing Soil from Excavation Area 16B.



Stockpiled Asphalt Excavated from Excavation Area 16B.

Attachment A

Excavation Progress Table

TABLE 1
PROJECT EXCAVATION PROGRESS

WEEK OF MARCH 25, 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	8,255	0	0	0	8,255	0%
Additional Impacted Soil	NA	0	0	0	--	NA
Concrete	300	0	0	0	300	0%
Asphalt	NA	0	0	0	--	NA
"B" Group Excavation Area Removals						
Re-Use Soil	2,957	443	1,015	1,458	1,499	49%
Impacted Soil	NA	0	50	50	--	NA
Concrete	NA	20	0	20	--	NA
Asphalt	NA	0	50	50	--	NA

Notes:

1. Excavation volumes are estimates based on field observations and measurements.
2. "Additional Impacted Soil" for "A" Group Excavation Areas refers to additional soil removed for offsite transportation and disposal based on visual staining or odors and/or verification sampling results.
3. "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.
4. 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.
5. CY = Cubic Yards.
6. NA = Not Applicable.

Attachment B

Excavation Progress Figure

- Excavation in Progress
- Excavation Completed to Design Depth
(Pending Verification Sampling Results)
- Excavation Completed
(Verification Sampling Results Acceptable)
- Additional Soil Removal
- Temporary Soil Staging Area

EXCAVATION AREA NO.	PROPOSED AVERAGE DEPTH
1A, 3A, 4A, 5A, 7A, 25A	1 FOOT
2A, 12A, 15A, 16A, 21A, 31A, 32A, 35A	2 FEET
6A, 8A, 9A, 11A, 14A, 17A, 26A, 28A, 36A	4 FEET
13A, 16A, 23A, 24A, 30A, 33A, 34A	6 FEET
10A, 27A, 37A	8 FEET
AREAS OF PREVIOUS EXCAVATION WHERE PROPOSED ADDITIONAL EXCAVATION SHALL BE PERFORMED	
16A	8.5 FEET
20A, 22A, 25A	10 FEET
SURFACE SOIL EXCAVATIONS WHERE SOIL MAY BE ELIGIBLE FOR RE-USE	
1B- 24B	1 FOOT

1. REFER TO DRAWING 1 FOR BASE MAP INFORMATION.
2. AREAS OF PREVIOUS EXCAVATION THAT REQUIRE ADDITIONAL EXCAVATION WILL REQUIRE CLEAN FILL REMOVAL TO DEPTHS INDICATED IN THE REMEDIAL DESIGN PRIOR TO IMPACTED MATERIAL REMOVAL. HANDLING AND REUSE OF THE CLEAN FILL IS ALSO DESCRIBED IN THE REMEDIAL DESIGN.
3. HORIZONTAL COORDINATES ARE RELATIVE TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (NAD 83).
4. ELEVATIONS ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
5. LOCATIONS SHOWN IN GRAY ARE FORMER SITE FEATURES.

SURVEY CONTROL DESCRIPTION	NAD 1983		NAVD 88
	NORTHING	EASTING	ELEVATION
BL-BA-01	215898.57	1121583.09	132.40
BL-BA-02	215949.81	1121219.70	130.28

