

WEEKLY PROGRESS REPORT #17: 6/10/13 – 6/16/13**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 June 10, 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 418 in-situ cubic yards (CY) of “A” Group Excavation Area soil this week (approximately 7,042 CY to date), as well as approximately 128 CY of soil from “B” Group Areas. 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:
 - Completed excavation of soil from Area 20A to approximately 10 feet below ground surface (bgs) and stockpiled the soil from this area in the eastern-most lined material staging area.
3. EQ performed the following work related to the “B” Group Excavation Areas:
 - Completed excavation of soil from Area 5B to approximately 1 foot bgs and direct loaded the soil for offsite disposal as non-hazardous waste to the Town of Brookhaven Landfill.
4. EQ loaded 48 tri-axle truckloads (approximately 17 CY per truckload) of “B” Group soil from soil pile SP-1 for transportation offsite and disposal as non-hazardous waste at the Town of Brookhaven Landfill.
5. EQ completed test pits to locate the extents of the “rubber-like” material observed in Area 27A.
6. EQ completed the decontamination of one Komatsu PC 200 excavator, one John Deere 350G excavator, and one John Deere 644J wheel loader.
7. EQ’s sampling subcontractor, Preferred Environmental Services (PES), collected 8 verification soil samples including V-RD-86, V-RD-87, V-RD-88, V-RD-90, V-RD-113A, V-RD-223D, V-RD-227, and V-RD-243D from the completed “A” Group Excavation Areas for laboratory analysis.

8. PES collected waste characterization sample Bayer-WC-20 on June 13, 2013 representing "A" Group soil stockpiled in the material staging area. PES collected waste characterization sample Bayer-WC-21 on June 13, 2013 representing soil from construction of the material staging area in preparation for dismantling this structure prior to demobilization. PES collected waste characterization sample Bayer-WC-22 on June 13, 2013 of soil and unknown "rubber-like" material observed in Areas 21A and 27A.
9. 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.
10. EQ's surveying subcontractor, Angle of Attack Land Surveying (AALS), continued locating and marking proposed excavation limits and soil sampling locations and conducted post-excavation survey for "A" Group Excavation Areas.
11. EQ continued to provide various submittals, as required, for ARCADIS review.
12. No visitors were present onsite this week

B. PROPOSED SITE ACTIVITIES FOR THE WEEK OF 6/17/13

1. No significant site work is scheduled to be completed during the week of June 17, 2013. Site work is scheduled to resume on June 24, 2013.

C. WEEKLY SITE PHOTOS



Excavation of Area 20A



Loading of Tri-Axle Trucks with SP-1 Soil for Offsite Non Hazardous Soil Disposal



Completed Excavation 5B



Test Pit of Extents of Unknown "Rubber-Like" Material Adjacent to Area 27A

Attachment A

Excavation Progress Table

TABLE 1
PROJECT EXCAVATION PROGRESS

WEEK OF JUNE 10, 2013
FINAL REMEDIAL ACTION - OPERABLE UNIT 4
BAYER MATERIALSCIENCE LLC
125 NEW SOUTH ROAD, HICKSVILLE, NEW YORK

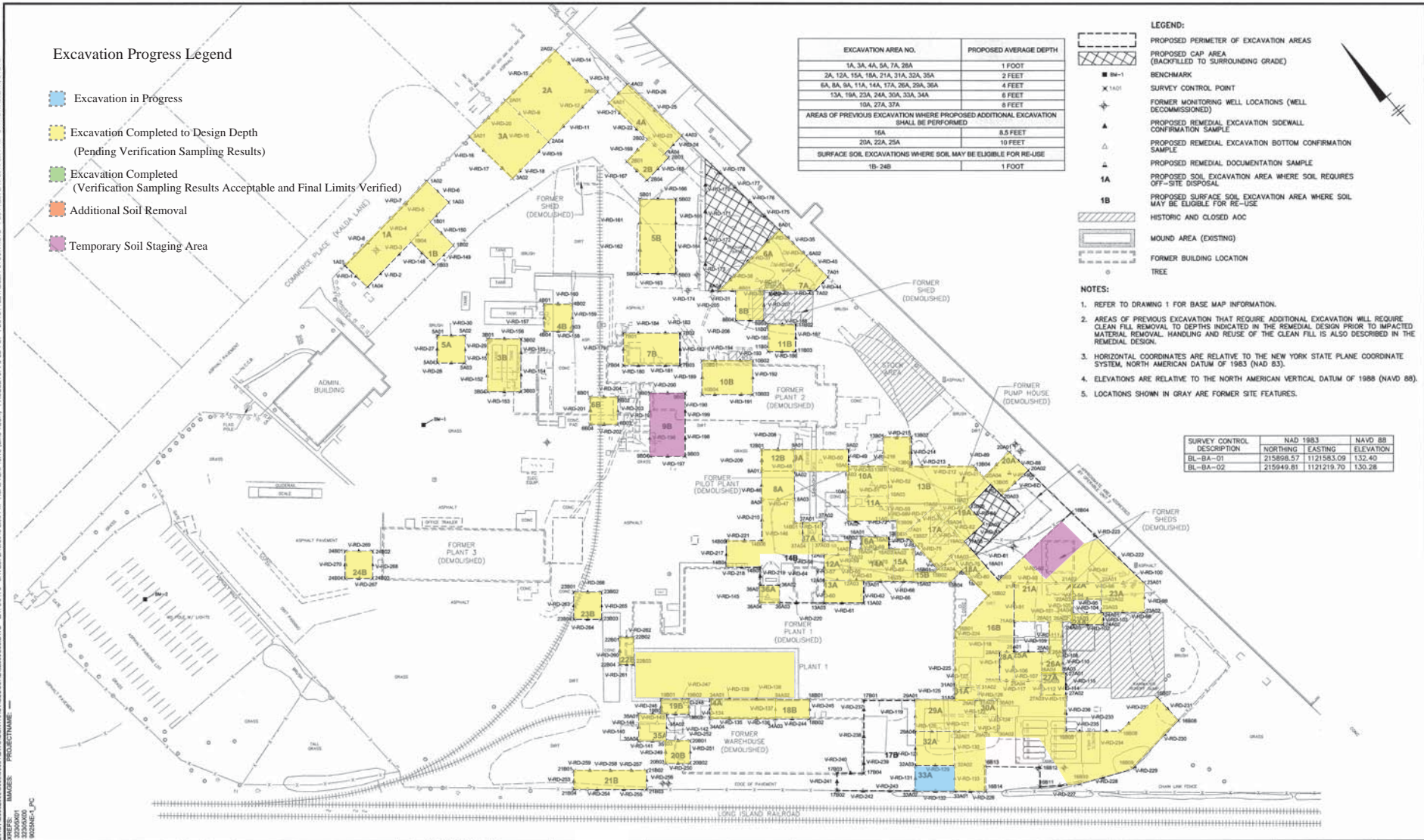
Excavation Operation	Design Volume (CY)	Estimated Removal Volumes (CY)				Percent Completed
		Previous Totals	Current Week Totals	Total to Date	Remaining Volume	
"A" Group Excavation Area Removals						
Impacted Soil	7,140	6,624	418	7,042	98	99%
Additional Impacted Soil	NA	0	0	0	--	NA
Concrete	300	34	0	34	266	11%
Asphalt	NA	0	0	0	--	NA
"B" Group Excavation Area Removals						
Re-Use Soil	2,957	1,912	128	2,040	917	69%
Impacted Soil	NA	53	0	53	--	NA
Concrete	NA	55	0	55	--	NA
Asphalt	NA	70	0	70	--	NA
Other Areas						
Mound Area Soil and Concrete	1,115	1,115	0	1,115	0	100%

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 visual 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



EXCAVATION AREA NO.	PROPOSED AVERAGE DEPT.
1A, 3A, 4A, 5A, 7A, 25A	1 FOOT
2A, 12A, 15A, 16A, 21A, 32A, 35A	2 FEET
6A, 8A, 9A, 11A, 14A, 17A, 26A, 29A, 36A	4 FEET
13A, 18A, 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

LEGEND:

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-  PROPOSED PERIMETER OF EXCAVATION AREAS
 PROPOSED CAP AREA (BACKFILLED TO SURROUNDING GRADE)
 BENCHMARK
 SURVEY CONTROL POINT
 FORMER MONITORING WELL LOCATIONS (WELL DECOMMISSIONED)
 PROPOSED REMEDIAL EXCAVATION SIDEWALL CONFIRMATION SAMPLE
 PROPOSED REMEDIAL EXCAVATION BOTTOM CONFIRMATION SAMPLE
 PROPOSED REMEDIAL DOCUMENTATION SAMPLE
 1A PROPOSED SOIL EXCAVATION AREA WHERE SOIL REQUIRES OFF-SITE DISPOSAL
 1B PROPOSED SURFACE SOIL EXCAVATION AREA WHERE SOIL MAY BE ELIGIBLE FOR RE-USE
 HISTORIC AND CLOSED AOC
 MOUND AREA (EXISTING)
 FORMER BUILDING LOCATION

NOTES:

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

BAYER MATERIALSCIENCE LLC • HICKSVILLE, NEW YORK
REMEDIAL DESIGN

Excavation Progress Update for Week Ending 06/16/2013

ARCADES Project No.

B0032305.0007.00001

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