Beazer East, Inc.

Former Koppers Wood-Treating Site – Carbondale, Illinois Soil Removal and Surface Cover Remediation Project

Weekly Report #5: 11/09/20 - 11/15/20

Soil Removal and Surface Cover Former Koppers Wood-Treating Site Carbondale, IL

WEEKLY PROGRESS REPORT

Reporting Period: Monday, November 9th, 2020 to Sunday, November 15th, 2020

Progress Meeting Date: Tuesday, November 17th, 2020

1.0 Weather Conditions

Dat	te	Conditions	Wind	Precipitation
				(in)
Monday	11/9/20	Clear, 64-78 °F	10/S	0
Tuesday	11/10/20	Clear, 64-78 °F	10-26/S	Trace
Wednesday	11/11/20	Clear, 40-65 °F	10-26/S	0
Thursday	11/12/20	Clear, 37-60 °F	Trace/E	0
Friday	11/13/20	Clear, 34-54 °F	8/NNW	0
Saturday	11/14/20	Not On-Site		0.56
Sunday	11/15/20	Not On-Site		1.45
			Week Total	2.01
		S	ite Cumulative	7.08

2.0 Health & Safety

Manhours Completed this Period: 595.5

Manhours Completed to Date: 2450.5

Notes

Day	Tailgate Topic(s)
Monday	Biological Hazards including ticks and snakes
Tuesday	Changing site conditions including new truck patterns
Wednesday	Awareness of decreased friction on equipment foot steps and handrails due to rain
Thursday	Truck spotting safety
Friday	Equipment blind spots and backing up equipment hazards
Saturday	-
Sunday	-

3.0 ENTACT Work Activities Summary

Monday – November 9, 2020

Continued clearing efforts in Soil Removal Area 4. Continued loadout of impacted soils from Soil Removal Area 1. Placed filter sock in Surface Cover Area 3 and Soil Removal Area 3. Prepared subgrade in Surface Cover Area 3. Continued to remove rainwater from unexcavated ditches in Surface Cover Areas 1 and 2 (water pumped to an on-site location outside of the work areas for infiltration).

Tuesday - November 10, 2020

Completed clearing efforts in Soil Removal Area 4, clearing and grubbing activities are complete. Continued loadout of impacted soils from Soil Removal Area 1. Constructed access roads to Surface Cover Area 3 and Soil Removal Area 3. Continued placement of filter sock in Surface Cover Area 3 and Soil Removal Area 3. Continued to prepare subgrade in Surface Cover Area 3. Continued to remove rainwater from unexcavated ditches in Surface Cover Areas 1 and 2 (water pumped to an on-site location outside of the work areas for infiltration).

Wednesday - November 11, 2020

Continued loadout of impacted soils from Soil Removal Area 1 and began placement of demarcation fabric. Began excavation in Soil Removal Area 2. An unknown 4-inch diameter PVC pipe was unearthed during excavation in Soil Removal Area 2 and ENTACT made efforts to identify the limits of the pipe and stop water flow. Further investigation of the pipe will continue after discussion with the project team.

Thursday – November 12, 2020

Continued loadout of impacted soils from Soil Removal Area 1 and 2. Constructed access roads to Surface Cover Area 3. Deployed demarcation fabric in Surface Cover Area 3. After discussion with the project team, the pipe in Soil Removal Area 2 will be abandoned below grade.

Friday - November 13, 2020

Continued loadout of impacted soils from Soil Removal Area 2. Constructed access roads to Surface Cover Area 3. Prepared subgrade in Surface Cover Area 2 and began removing stumps in Surface Cover Area 1. Continued to deploy demarcation fabric in Surface Cover Area 3.

Saturday – November 14, 2020

Not On-Site – due to weather conditions

Sunday – November 15, 2020

Not On-Site

4.0 ENTACT Subcontractors

Date	Subcontractor/Vendor/ Third Party	Work Activity
11/10/2020	Shawnee Professional Services	Surveying Soil Removal Areas 1 and 2
11/11/2020	Shawnee Professional Services	Property boundary survey (for ARCADIS)
11/12/2020	Shawnee Professional Services	Surveying excavation in Soil Removal Areas 1 and 2, existing topo survey in Soil Removal Area 4

5.0 ENTACT Deliveries

	Equipment	
Date	Description	Quantity
11/9/2020	18k gallon weir tank	1
11/13/2020	D6 dozer	1

Material Import – Current Week		
Date Description Quantity		
11/10/2020	General Fill	139.56 tons
11/12/2020	CA-2	324.2 tons

Material Import – To Date		
Description	Quantity	
General Fill	139.56 tons	
CA-2	1816.45 tons	
Demarcation Fabric	405000 SF	
Filter Sock	10230 LF	
RipRap-1	92.34 tons	

6.0 Material Export

Material Export – Current Week			
Date	Description	Quantity	
11/9/2020	Impacted Soils	2544.5 tons	
11/10/2020	Impacted Soils	2322.39 tons	
11/11/2020	Impacted Soils	1544.02 tons	
11/12/2020	Impacted Soils	640.83 tons	
11/13/2020	Impacted Soils	1625.45 tons	

Material Export – To Date		
Description Quantity		
Impacted Soils	15934.40 tons	

7.0 Construction Quality Control

See Attached Reports and Logs:

- Progress Photos
- Progress Map
- Current Project Schedule

8.0 Request for Information (RFIs)

- RFI 001 Stabilized Construction Entrance Aggregate (Approved)
- None pending

9.0 Change in Conditions

• None

Picture Number	1
Date	11/9
Direction	W

Description: Loading out impacted material from Soil Removal area 1.



Picture Number	2
Date	11/10
Direction	NW
1	

Description: Soil Removal area 4 cleared of trees.



Picture Number	3
Date	11/12
Direction	NW

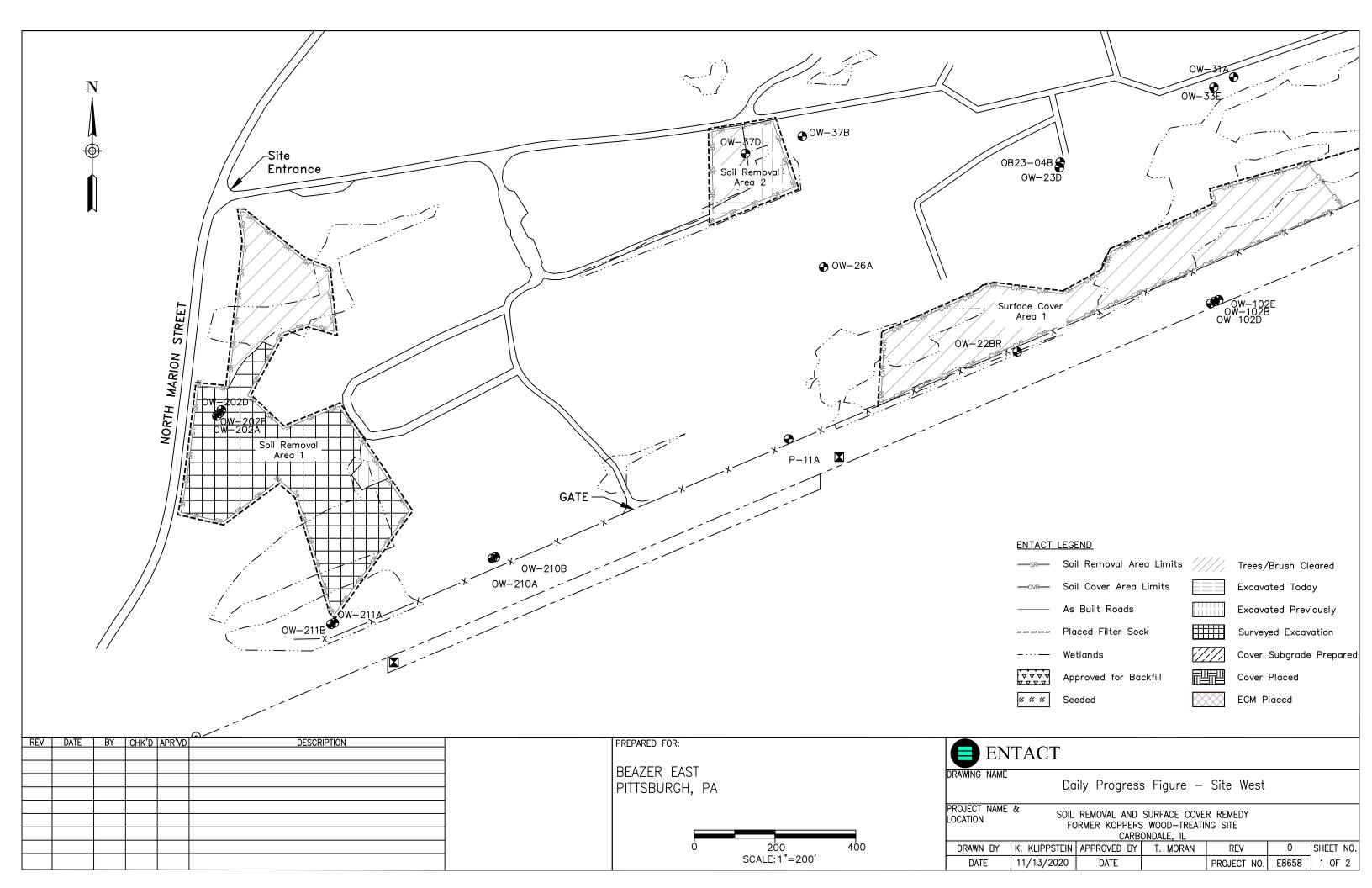
Description: Completed portion of Soil Removal area 1 excavation.

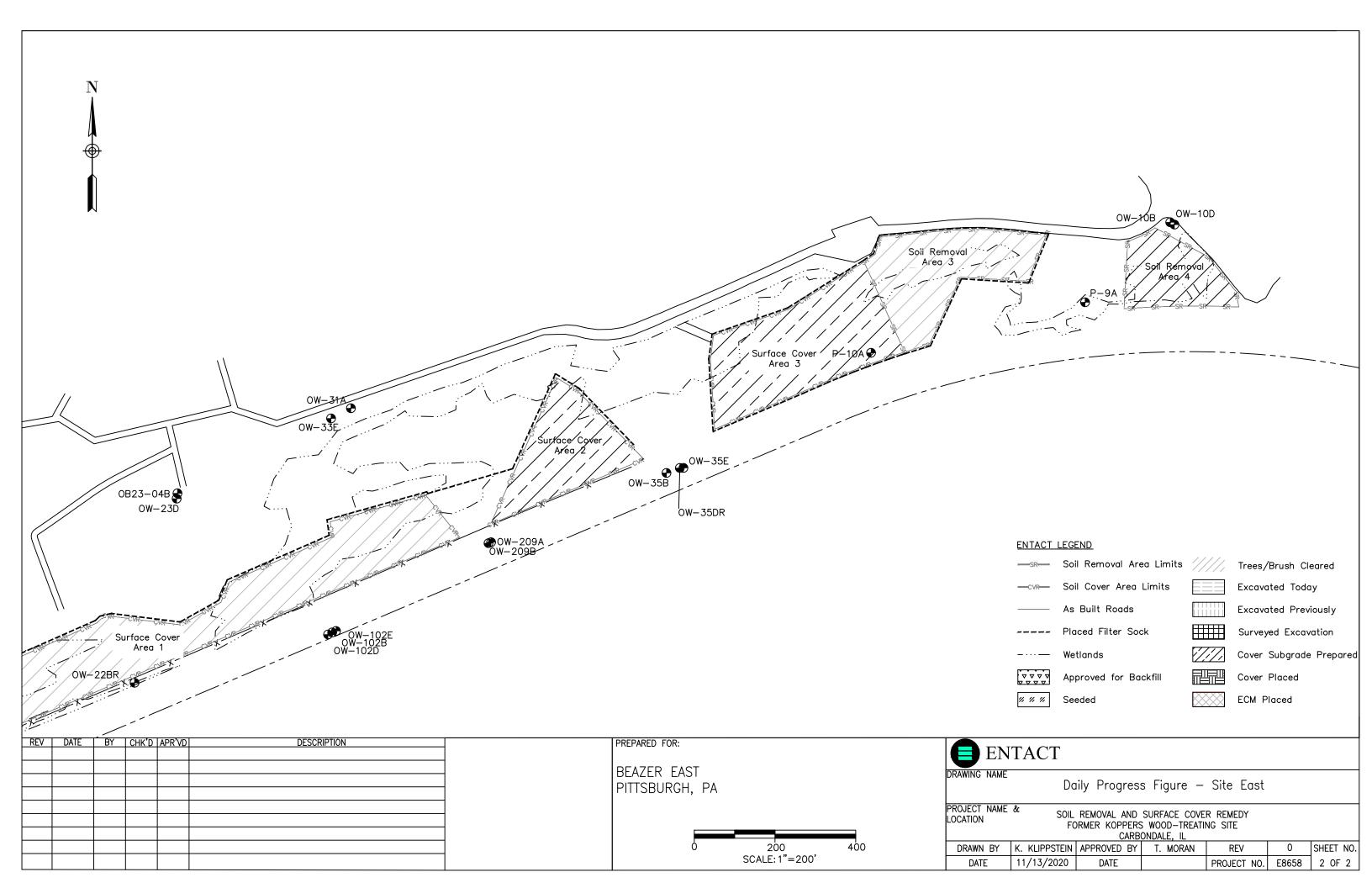


Picture Number	4
Date	11/12
Direction	SE

Description: Placement of fabric over Surface Cover area 3 subgrade.







Beazer East, Inc. Soil Removal and Surface Cover Remedial Design Former Koppers Wood-Treating Site Carbondale, Illinois Task Name 30 Thanksgiving Holiday Wed 11/25/20 Tue 12/1/20 Thanksgiving Holiday Wed 12/23/20 Tue 12/29/20 6 days Christmas Holiday Tue 9/29/20 Mon 11/9/20 Project Award and Preparation 36 days ▲ Notice to Proceed Notice to Proceed 0 days Tue 10/6/20 Tue 10/6/20 Project Plans, Permits & Submittals Tue 9/29/20 Mon 11/9/20 Project Plans, Permits & Submittals Mobilization and Tree Clearing 34 days Tue 10/13/20 Fri 11/20/20 Tue 10/13/20 Wed 10/14/20 Mobilization 2 days Rough Stakeout of Areas to be Cleared Rough Stakeout of Areas to be Cleared 2 days Wed 10/14/20 Thu 10/15/20 Trees & Above Ground Vegetation Clearing 24 days Wed 10/14/20 Tue 11/10/20 Trees & Above Ground Vegetation Clearing Demobilize Clearing Equipment Thu 11/19/20 Fri 11/20/20 Demobilize Clearing Equipment Full Mobilization and Site Preparation Mon 10/19/20 Wed 11/11/20 21 days Mobilization 6 days Mon 10/19/20 Sat 10/24/20 Work Area Survey and Stake Out 20 days Tue 10/20/20 Wed 11/11/20 Vork Area Survey and Stake Out Utility Locating Tue 10/20/20 Sat 10/24/20 Setup Temp Facilities and Utilitie Mon 10/19/20 Sat 10/24/20 Setup Temp Facilities and Utilities 6 days Setup Staging/Stockpile Area Setup Staging/Stockpile Area 4 days Mon 10/26/20 Thu 10/29/20 Setup Water Management and Setup Water Management and Controls 5 days Fri 10/30/20 Wed 11/4/20 18 Soil Removal and Backfilling Mon 10/19/20 Thu 1/14/21 Area 1 - Erosion Control Area 1 - Erosion Controls 5 days Mon 10/19/20 Fri 10/23/20 Mon 11/2/20 Thu 11/12/20 Area 1 - Excavation and Loading 10 days Area 1 - Geotextil Area 1 - Geotextile 8 days Wed 11/11/20 Thu 11/19/20 Area 1 - Backfilling 6 days Tue 11/17/20 Mon 11/23/20 Area 1 - Backfilling Tue 11/24/20 Fri 12/4/20 Area 1 - Finish Grading and Restoration Seeding Area 1 - Finish Grading and Restoration Seeding 24 Area 1 - Excavation and Loading (Wetland) 8 days Wed 12/2/20 Thu 12/10/20 —Area 1 - Excavation and Loading (Wetland) Area 1 - Geotextile (Wetland) Fri 12/11/20 Tue 12/15/20 Area 1 - Geotextile (Wetland) Area 1 - Backfilling (Wetland) Area 1 - Backfilling (Wetland) Wed 12/16/20 Tue 12/22/20 6 days Area 1 - Finish Grading and Restoration Seeding (Wetland) Area 1 - Finish Grading and Restoration 4 days Wed 12/30/20 Sat 1/2/21 Area 2 - Erosion Controls Area 2 - Erosion Controls 2 days Thu 10/22/20 Fri 10/23/20 Area 2 - Excavation and Loading Area 2 - Excavation and Loading 8 days Tue 11/10/20 Wed 11/18/20 Area 2 - Geotextile 2 days Thu 11/19/20 Fri 11/20/20 Area 2 - Geotextile Area 2 - Backfilling 4 days Fri 11/20/20 Tue 11/24/20 _Area 2 - Backfilling Area 2 - Finish Grading and Restoration Seeding Area 2 - Finish Grading and Restoration Sat 12/5/20 Tue 12/8/20 3 days Seeding 33 Area 3 - Erosion Control 2 days Mon 11/9/20 Tue 11/10/20 Area 3 - Excavation and Loading 8 days Fri 12/11/20 Sat 12/19/20 ⊢Area 3 - Excavation and Loading Area 3 - Geotextile 4 days Mon 12/21/20 Thu 12/31/20 Area 3 - Backfilling Area 3 - Backfilling 6 days Fri 1/1/21 Thu 1/7/21 Area 3 - Finish Grading and Restoration Seeding Area 3 - Finish Grading and Restoration 3 days Fri 1/8/21 Mon 1/11/21 Seeding 38 Area 4 - Erosion Controls 2 days Wed 11/18/20 Thu 11/19/20 Area 4 - Erosion Control Area 4 - Excavation and Loading 6 days Mon 12/21/20 Sat 1/2/21 ■Area 4 - Excavation and Loading Area 4 - Geotextile 3 days Mon 1/4/21 _Area 4 - Geotextile Area 4 - Backfilling Thu 1/7/21 Area 4 - Backfilling 4 days Mon 1/11/21 Area 4 - Finish Grading and Restoration 3 days Tue 1/12/21 Thu 1/14/21 43 Soil Cover Area Capping Fri 10/23/20 50 days Sat 1/2/21 Area 3 - Erosion Controls Area 3 - Erosion Controls 3 days Sat 11/7/20 Tue 11/10/20 Area 3 - Stump Removal and Prep Grading Area 3 - Stump Removal and Prep Grading 2 days Tue 11/10/20 Wed 11/11/20 Area 3 - Place Geotextile Area 3 - Place Geotextile 4 days Thu 11/12/20 Mon 11/16/20 Area 3 - Place General Fill Tue 11/17/20 Thu 11/19/20 Area 3 - Place General Fill Area 3 - Place Vegetative Cover 3 days Wed 12/2/20 Fri 12/4/20 Area 3 - Finish Grading and Restoring Seeding Area 3 - Finish Grading and Restoring Seeding 3 days Sat 12/5/20 Tue 12/8/20 Area 2 - Erosion Controls 2 days Fri 11/6/20 Sat 11/7/20 Area 2 - Stump Removal and Prep Grading 1 day Fri 11/13/20 Fri 11/13/20 - Stump Removal and Prep Grading Area 2 - Place Geotextile 4 days Tue 11/17/20 Fri 11/20/20 Area 2 - Place Geotextil Sat 12/5/20 Tue 12/8/20 Area 2 - Place General Fill 3 days Wed 12/9/20 Fri 12/11/20 Area 2 - Place Vegetative Cover Area 2 - Place Vegetative Cover Area 2 - Finish Grading and Restoring Seeding Area 2 - Finish Grading and Restoring Seeding 4 days Sat 12/12/20 Wed 12/16/20 Fri 10/23/20 Mon 10/26/20 Area 1 - Erosion Control Area 1 - Stump Removal and Prep Grading Area 1 - Stump Removal and Prep Grading 5 days Fri 11/13/20 Wed 11/18/20 Area 1 - Place Geotextile 5 days Sat 11/21/20 Thu 12/3/20 Area 1 - Place General Fill Wed 12/9/20 Tue 12/15/20 ___Area 1 - Place General Fill Area 1 - Place Vegetative Cover Area 1 - Place Vegetative Cover 6 days Wed 12/16/20 Tue 12/22/20 Area 1 - Finish Grading and Restoring Seeding Area 1 - Finish Grading and Restoring Seeding 4 days Wed 12/30/20 Sat 1/2/21 11 days Fri 1/15/21 Wed 1/27/21 Remove and Cleanup Staging/Stockpile Areas 7 days Fri 1/15/21 Fri 1/22/21 7 days Regrade Site Access Roads (as needed) Regrade Site Access Roads (as needed) Mon 1/18/21 Mon 1/25/21 Remove Water Management and Containmen Remove Water Management and Containment 4 days Thu 1/21/21 Mon 1/25/21 Sat 1/23/21 Tue 1/26/21 Remove Temp Facilities and Utilities Final Grading and Restoration Final Grading and Restoration 2 days Mon 1/25/21 Tue 1/26/21 Demobilization Demobilization 3 days Mon 1/25/21 Wed 1/27/21 ENTACT PROJECT SCHEDULE Milestone ◆ Summary Task Progress -Page 1