

Beazer East, Inc.

Former Koppers Wood-Treating Site – Carbondale, Illinois

Soil Removal and Surface Cover Remediation Project

Progress Report #17: 5/10/21 – 5/26/21



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

PROGRESS REPORT

Reporting Period: Monday, May 10th, 2021 to Wednesday, May 26th, 2021

Progress Meeting Date: Thursday, May 13th, 2021 and Thursday, May 20th, 2021

1.0 Weather Conditions

Date	Conditions	Wind	Precipitation (in)
Monday 5/10/21	Not On-Site		0
Tuesday 5/11/21	Mostly Sunny, 39-65 °F	SW/12	0
Wednesday 5/12/21	Mostly Sunny, 43-65 °F	SW/15	0
Thursday 5/13/21	Mostly Sunny, 38-66 °F	SW/10	0
Friday 5/14/21	Mostly Sunny, 50-75 °F	SW/0-8	0
Saturday 5/15/21	Partly Cloudy, 50-66 °F	NW-SW/0-7	Trace
Sunday 5/16/21	Not On-Site		0
Monday 5/17/21	Mostly Cloudy, 62-71°F	N/7	Trace
Tuesday 5/18/21	Overcast, 63-71 °F	NW/11	0.15
Wednesday 5/19/21	Overcast, 65-80 °F	NW/15	Trace
Thursday 5/20/21	Overcast, 67-84 °F	NW/10-18	0
Friday 5/21/21	Partly Cloudy, 72-87 °F	NW/0-1	0
Saturday 5/22/21	Partly Cloudy, 66-86 °F	NW/0-1	0
Sunday 5/23/21	Partly Cloudy, 63-86 °F	NE/7	0
Monday 5/24/21	Partly Cloudy, 70-86 °F	NE/5	0
Tuesday 5/25/21	Partly Cloudy, 70-88 °F	N/5-10	0
Wednesday 5/26/21	Partly Cloudy, 72-75 °F	N/5-10	0
Reporting Period Total			0.15
Site Cumulative			14.69

2.0 Health & Safety

Manhours Completed this Period: 665.5

Manhours Completed to Date: 8783.5

Notes

Day	Tailgate Topic(s)
Monday 5/10	-
Tuesday	Covid questionnaire, discussed deliveries and off-loading of equipment
Wednesday	Tick, snakes, and insect vectors
Thursday	Footing and ergonomics
Friday	Trucking safety, minimum clearance, hand signals
Saturday	Proper hand tool usage. Team lifts and ergonomics
Sunday	-
Monday 5/17	Weather, hydration
Tuesday	Watch for wildlife in staged materials
Wednesday	Shelter locations during inclement weather
Thursday	Proper hydration, signs of heat stress/stroke, and procedures in cases of heat stress/stroke
Friday	Maintain awareness during work activities of other personnel and equipment
Saturday	Inspect area prior to moving equipment, use spotters for backing equipment
Sunday	Proper hydration and proper lifting to avoid injury
Monday 5/24	Driving safety
Tuesday	Loading equipment
Wednesday	Spotting equipment/trucks

3.0 ENTACT Work Activities Summary

Monday – May 10, 2021
Not On-Site
Tuesday – May 11, 2021
Received equipment. Inspected site and noted areas that will require pumping water down. Planned erosion repair areas, identified areas for repair are Surface Cover Area 3 and Soil Removal Area 4. Began grading Soil Removal Area 3 and pumped water out of Soil Removal Areas 1 and 4.
Wednesday – May 12, 2021
Continued pumping water out of Soil Removal Areas 1 and 4 and grading in Soil Removal Area 4. Removed metal fence posts and snow fence from road side of Soil Removal Area 1. Inspected ruts in Surface Cover Area 3 and Soil Removal Area 3 and transition zone from Surface Cover Area 2 to Surface Cover Area 3.
Thursday – May 13, 2021
Continued pumping water out of Soil Removal Areas 1 and 4 and began pumping water from Soil Removal Area 2. Continued grading in Soil Removal Areas 3 and 4. Began erosion repair in Surface Cover Area 3. Installed geotextile in Soil Removal Area 4.
Friday – May 14, 2021
Continued pumping water out of Soil Removal Areas 1 and 2 and Surface Cover Area 1. Continued grading in Soil Removal Areas 3 and 4. Continued erosion repair in Surface Cover Area 3. Regraded transition areas between Surface Cover Areas 1 and 2 and Surface Cover Areas 2 and 3. Placed fill in

eroded areas in Soil Removal Area 4 and Surface Cover Area 3. Installed erosion control matting and filter sock in Soil Removal Area 4 over eroded areas.
Saturday – May 15, 2021
Continued pumping water out of Soil Removal Areas 1 and 2 and Surface Cover Area 1. Repaired and regraded eroded areas in Soil Removal Area 1 in the southwest corner and Soil Removal Area 2.
Sunday – May 16, 2021
Not On-Site
Monday – May 17, 2021
Continued pumping water out of Soil Removal Area 1. Removed previously installed erosion control matting from eroded areas in Soil Removal Area 4, regraded two repaired areas, and installed non-woven geotextile, erosion control matting, and stone. Continued installing erosion control matting in ditch in northeast corner of Surface Cover Area 1.
Tuesday – May 18, 2021
No seeding today due to rain.
Wednesday – May 19, 2021
No seeding today due to rain from yesterday. Completed erosion repairs in Soil Removal Area 4 including stone and erosion control matting placement. Placed lime and fertilizer in Soil Removal Area 4. Installed erosion control matting in Surface Cover Area 3 in location of erosion repair. Repaired potholes in site access roads and cleaned up debris from Soil Removal Area 4.
Thursday – May 20, 2021
Pumped water out of Soil Removal Area 1 and Surface Cover Area 1 south and western ditches. Repaired ruts in Surface Cover Area 1. Initiated hydroseeding of Soil Removal Area 4 with wetland seed mix.
Friday – May 21, 2021
Completed pumping water out of Surface Cover Area 1. Placed wetland seed mix in ditches and wetland areas of Soil Removal Area 3 and Surface Cover Area 1, 2, and 3. Began upland seed mix application in Soil Removal Area 4 and Surface Cover Area 3.
Saturday – May 22, 2021
Completed erosion control matting stapling. Continued hydroseeding in Soil Removal Area 3 and Surface Cover Areas 2 and 3. Spread fertilizer in Surface Cover Areas 1, 2, and 3 and Soil Removal Area 1 wetland areas. Applied wetland seed mix in the southern portion of Soil Removal Area 1. Installed filter socks across Soil Removal Area 4 access road.
Sunday – May 23, 2021
Completed hydroseeding Surface Cover Areas 2 and 3 and started hydroseeding Surface Cover Area 1. Applied wetland seed mix in northern wetland area in Soil Removal Area 1.
Monday – May 24, 2021
Completed hydroseeding in Surface Cover Area 1. Repaired ruts and reseeded areas that were repaired by hand. Cleared aggregate from ditch line at site entrance. Began demobilization of equipment from Site.
Tuesday – May 25, 2021
Demobilized equipment from Site.
Wednesday – May 19, 2021
Completed demobilization of equipment from Site.

4.0 ENTACT Subcontractors

Date	Subcontractor/Vendor/ Third Party	Work Activity
5/11/2021	Shawnee Professional Services	Staked Surface Cover Area 1 and Soil Removal Area 4
5/11/2021	Kemplers	Delivered and filled sanitary facilities
5/18/2021	Shawnee Professional Services	Surveyed Surface Cover Area 1
5/20/2021	Shawnee Professional Services	Surveyed Surface Cover Area 1
5/20/2021	Arrowhead Turf	Hydroseeding
5/21/2021	Shawnee Professional Services	Surveyed Site
5/21/2021	Arrowhead Turf	Hydroseeding
5/22/2021	Arrowhead Turf	Hydroseeding
5/23/2021	Arrowhead Turf	Hydroseeding
5/24/2021	Arrowhead Turf	Demobilization from Site

5.0 ENTACT Deliveries

Equipment - Mobilization		
Date	Description	Quantity
5/11/2021	Case Excavator	2
5/11/2021	Case Dozer	1
5/11/2021	Takeuchi Skidsteer	1
5/11/2021	Portolet & Handwash	1
5/11/2021	4-inch Diesel Pump	1
5/11/2021	3-inch Gas Pump	1
5/12/2021	3-inch Gas Pump	1
5/18/2021	20yd rolloff	1

Equipment - Demobilization		
Date	Description	Quantity
5/24/2021	Case Dozer	1
5/24/2021	Takeuchi Skidsteer	1
5/24/2021	Portolet & Handwash	1
5/25/2021	3-inch Gas Pump	2
5/26/2021	Case Excavator	2
5/26/2021	4-inch Diesel Pump	1
5/26/2021	20yd rolloff	1

Material Import – Current Reporting Period		
Date	Description	Quantity
5/14/2021	General Fill/Vegetative Cover	75 tons
5/17/2021	RipRap-2	24.5 tons
5/18/2021	RipRap-2	50.48 tons

Material Import – To Date	
Description	Quantity
General Fill	23887.60 tons
General Fill/Vegetative Cover	41604.18 tons
CA-2	2706.22 tons
Demarcation Fabric	747000 SF
Filter Sock	10230 LF
RipRap-1	231.74 tons
Riprap-2	74.98 tons

6.0 Material Export

No material export this reporting period.

Material Export – To Date	
Description	Quantity
Impacted Soils	33924.14 tons

7.0 Construction Quality Control



None this reporting period.



8.0 Request for Information (RFIs)


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

9.0 Change in Conditions

- Borrow material from Shawnee Sand and Gravel corresponding to samples GF-03 and GF-04 was approved for use as both General Fill and Vegetative Cover Soil (per Submittal 019A). Previously, borrow material from Shawnee Sand and Gravel corresponding to sample GF-02 was approved for use as General Fill only (per Submittal 011)

Picture Number	1		
Date	5/11		
Description: Established vegetation growth in Soil Removal Area 1 (seeded in February 2021).			
Picture Number	2		
Date	5/11		
Description: Surface Cover Area 2 prior to hydroseeding.			

Picture Number	3	
Date	5/11	
Description: Surface Cover Area 3 prior to hydroseeding.		
Picture Number	4	
Date	5/17	
Description: Placing erosion control mats in drainage ditch		

Picture Number	5	
Date	5/21	
Description: Applying hydroseed in Soil Removal Area 3.		