

September 11, 2023

Thomas Alcamo  
USEPA Region V  
77 W. Jackson Blvd.  
Chicago, IL 60604  
[Alcamo.thomas@epa.gov](mailto:Alcamo.thomas@epa.gov)

RE: **Remedy Commencement for USS Lead Superfund Site Known as OU1, Modified Zone 1 (the Property), East Chicago, Lake County, State of Indiana; 15773.0082.**

Dear Mr. Alcamo:

The purpose of this letter is to inform you that Verdantas LLC and BCM Materials, Inc. executed a sub agreement on September 9, 2023 to conduct remedial activities at the referenced site in accordance with the Remedial Design and supporting Work Plans. We will be contacting you soon to schedule a pre-construction meeting. A draft of the remediation schedule is attached to this letter.

Sincerely,  
VERDANTAS LLC



David B. Mustafaga, PG, CPG  
Senior Consultant

ID	Task Name	Duration	Start	Finish	April Apr	May May	June Jun	July Jul	August Aug	September Sep	October Oct	November Nov	December Dec	January Jan	February Feb	March Mar	April Apr	May May	June Jun	July Jul	August Aug
1	Proposal Submittal	0 days	Mon 5/8/23	Mon 5/8/23		◆ 5/8															
2	Bid Validation Interview	0 days	Thu 5/11/23	Thu 5/11/23		◆ 5/11															
3	Notice of Awards	0 days	Thu 8/31/23	Thu 8/31/23						◆ 8/31											
4	Notice to Proceed	0 days	Thu 8/31/23	Thu 8/31/23						◆ 8/31											
5	<b>Preconstruction Activities</b>	<b>45 days</b>	<b>Thu 8/31/23</b>	<b>Wed 11/1/23</b>																	
6	COI	0 days	Fri 9/1/23	Fri 9/1/23						◆ 9/1											
7	Coordination City of East Chicago on 2nd Gate	45 days	Thu 8/31/23	Wed 11/1/23																	
8	Project Submittals - HASP, Dust Control, Soil Management, etc. with review and approvals	30 days	Thu 8/31/23	Wed 10/11/23																	
9	<b>Site Preparation</b>	<b>30 days</b>	<b>Thu 10/5/23</b>	<b>Wed 11/15/23</b>																	
10	Initial Survey and Utility Locate	5 days	Thu 10/5/23	Wed 10/11/23																	
11	Equipment Mobilization	5 days	Thu 10/12/23	Wed 10/18/23																	
12	Site Support Area Constuction - trailers, laydown, etc.	5 days	Tue 10/17/23	Mon 10/23/23																	
13	Site Prep Activities - E&SC, Stockpile Manage, Loadout, etc.	5 days	Tue 10/24/23	Mon 10/30/23																	
14	Site Clearing	12 days	Tue 10/31/23	Wed 11/15/23																	
15	Demolition Activites	7 days	Tue 10/31/23	Wed 11/8/23																	
16	Perimter Fence Install	10 days	Tue 10/31/23	Mon 11/13/23																	
17	<b>Treatability Study</b>	<b>21 days</b>	<b>Thu 10/12/23</b>	<b>Thu 11/9/23</b>																	
18	Mix 100cy in Grids B6, B9, & E9	1 day	Thu 10/12/23	Thu 10/12/23																	
19	Analyze Soils and Review Results	10 days	Fri 10/13/23	Thu 10/26/23																	
20	Finalize Reagent Dosage + Lead Time for Reagent	10 days	Fri 10/27/23	Thu 11/9/23																	
21	<b>Soil Stabilization and Excavation</b>	<b>122 days</b>	<b>Mon 11/13/23</b>	<b>Mon 5/6/24</b>																	
22	Winter Break -Estimated	0 days	Sun 12/17/23	Sun 12/17/23																	
23	Soil Stabilization Mixing - 37,967 cy, 24 days of active mixing	32 days	Wed 11/15/23	Mon 4/15/24																	
24	Install Demarcation Layer	32 days	Fri 11/17/23	Wed 4/17/24																	
25	Excavation to Loadout Area - 60,644 cy (~1,500 per day)	47 days	Mon 11/13/23	Thu 5/2/24																	
26	Gravel Reuse and Relocation - ongoing	49 days	Mon 11/13/23	Mon 5/6/24																	
27	<b>Transportation and Disposal</b>	<b>134 days</b>	<b>Wed 11/22/23</b>	<b>Fri 5/31/24</b>																	
28	Loadout to Landfill @~1,000 cy/day	61 days	Wed 11/22/23	Fri 5/31/24																	
29	<b>Backfill</b>	<b>159 days</b>	<b>Mon 11/20/23</b>	<b>Wed 7/3/24</b>																	
30	General Fill - 63,962 cy	49 days	Mon 11/20/23	Mon 5/13/24																	
31	Site Grading - 17,893 cy	17 days	Tue 4/30/24	Wed 5/22/24																	
32	Weather Delay Contingency	30 days	Thu 5/23/24	Wed 7/3/24																	
33	<b>Site Restoration&gt;</b>	<b>2 days</b>	<b>Mon 7/8/24</b>	<b>Tue 7/9/24</b>																	
34	Seeding Utility Corridors	2 days	Mon 7/8/24	Tue 7/9/24																	
35	<b>Site Demobilization</b>	<b>20 days</b>	<b>Thu 7/4/24</b>	<b>Wed 7/31/24</b>																	
36	Demobilization of equipment, personnel, electrical disconnect, etc.	10 days	Wed 7/10/24	Tue 7/23/24																	
37	Final As-Built Generation	20 days	Thu 7/4/24	Wed 7/31/24																	

USS Lead - 50/50 Split Initial Base Schedule

Task █ Milestone ◆ Summary  Project Summary  Manual Summary