



CLEVELAND-CLIFFS INC.  
Cleveland-Cliffs Burns Harbor LLC  
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VIA Electronic Mail

IDEM Office of Water Quality  
Indiana Department of Environmental Management  
100 North Senate Avenue  
Indianapolis, IN 46204-2251

September 15, 2023

Subject: Environmentally-Beneficial Project  
Cleveland-Cliffs Burns Harbor  
USDC IN/ND case 2:22-cv-00026-PPS-JEM

As laid out in the May 6, 2022 Consent Decree, Cleveland-Cliffs Burns Harbor has conducted weekly sampling to monitor and report on water quality in the East Branch of the Little Calumet River and Lake Michigan for a Environmentally-Beneficial Project. This report contains the August 2023 sampling results.

We trust that the above adequately responds to the reference. If there are any questions concerning these matters, please contact Morgan Swanson at 219-787-2646.

Sincerely,

A handwritten signature in black ink that reads "Thomas Maicher".

Thomas Maicher  
Area Manager, Environmental  
Cleveland-Cliffs Burns Harbor LLC

<b>Environmentally-Beneficial Project Sampling Data Summary</b>				
<b>Cleveland-Cliffs Burns Harbor Intake</b>				
	Temperature (°F)	pH (s.u.)	Ammonia (mg/L)	Free Cyanide (µg/L)
8/2/2023	64.5	8	0.0298	1.4
8/9/2023	71.2	7.9	0.0588	1.1
8/16/2023	70.7	8.2	0.0257	1.1
8/29/2023	76.1	7.9	0.0316	2.2
<b>East Branch Little Calumet River at Howe Road</b>				
	Temperature (°F)	pH (s.u.)	Ammonia (mg/L)	Free Cyanide (µg/L)
8/2/2023	67.8	7.8	0.0837	Non-Detect
8/9/2023	66.7	7.6	0.0696	0.5
8/16/2023	64.4	7.6	0.0496	1.4
8/29/2023	67	8.1	0.0175	0.9
<b>East Branch Little Calumet River at Crisman Road</b>				
	Temperature (°F)	pH (s.u.)	Ammonia (mg/L)	Free Cyanide (µg/L)
8/2/2023	75.5	7.9	0.104	Non-Detect
8/9/2023	73.4	7.9	0.0841	Non-Detect
8/16/2023	64	7.8	0.0808	0.8
8/29/2023	78.3	8.1	0.0694	Non-Detect
<b>Indiana Dunes National Park West Beach</b>				
	Temperature (°F)	pH (s.u.)	Ammonia (mg/L)	Free Cyanide (µg/L)
8/2/2023	74.4	8.3	0.248	Non-Detect
8/9/2023	72.8	8.2	Non-Detect	Non-Detect
8/16/2023	71.2	8.3	0.01999	Non-Detect
8/29/2023	73.1	8.3	0.0468	0.4