



CLEVELAND-CLIFFS INC.
Cleveland-Cliffs Burns Harbor LLC
250 West U.S. Highway 12, Burns Harbor, IN 46304
P 219.787.2120 clevelandcliffs.com

VIA Electronic Mail

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

July 6, 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 June 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

Environmentally-Beneficial Project Sampling Data Summary				
Cleveland-Cliffs Burns Harbor Intake				
	Temperature	pH	Ammonia	Free Cyanide
6/1/2023	61.3	7.65	0.034	Non-Detect
6/7/2023	63.6	8.02	0.0221	Non-Detect
6/14/2023	62.9	7.7	0.0184	Non-Detect
6/21/2023	66	7.7	0.0635	Non-Detect
6/28/2023	69.2	7.7	0.0194	1
East Branch Little Calumet River at Howe Road				
	Temperature	pH	Ammonia	Free Cyanide
6/1/2023	68.7	7.70	0.105	Non-Detect
6/7/2023	62.7	7.71	0.198	Non-Detect
6/14/2023	59.1	7.5	0.0322	Non-Detect
6/21/2023	67.6	7.6	0.0403	Non-Detect
6/28/2023	62.7	7.8	0.0264	0.5
East Branch Little Calumet River at Crisman Road				
	Temperature	pH	Ammonia	Free Cyanide
6/1/2023	72.1	7.73	0.209	Non-Detect
6/7/2023	71.1	7.7	0.187	Non-Detect
6/14/2023	65.4	7.8	0.0707	Non-Detect
6/21/2023	47.2	7.9	0.084	Non-Detect
6/28/2023	71.6	71.6	0.128	Non-Detect
Indiana Dunes National Park West Beach				
	Temperature	pH	Ammonia	Free Cyanide
6/1/2023	67.4	8.1	0.0258	Non-Detect
6/7/2023	66.3	8.03	0.0382	Non-Detect
6/14/2023	61.7	8.1	0.0204	Non-Detect
6/21/2023	71.6	8.2	0.0123	Non-Detect
6/28/2023	68.7	7.8	0.0328	0.4

CLEVELAND-CLIFFS BURNS HARBOR

SAMPLING LOCATIONS (in yellow)

- UPSTREAM EAST BRANCH LITTLE CALUMET RIVER
- DOWNSTREAM EAST BRANCH LITTLE CALUMET RIVER
- LAKE MICHIGAN (Cleveland-Cliffs Burns Harbor Intake, Indiana Dunes National Park West Beach)

Lake Michigan

Lake Michigan

Burns Harbor

CLEVELAND-CLIFFS
BURNS HARBOR INTAKE

INDIANA DUNES
NATIONAL PARK
WEST BEACH

CLEVELAND-CLIFFS
BURNS HARBOR
OUTFALL 002

EAST BRANCH
LITTLE CALUMET RIVER
AT HOWE RD

Burns Ditch

Storm Ditch

East Branch
Little Calumet River

CLEVELAND-CLIFFS
BURNS HARBOR
OUTFALL 001

Storm Ditch

EAST BRANCH
LITTLE CALUMET RIVER
AT CRISMAN RD

East Branch Little Calumet River

Salt
Creek

5000 ft

