



Indiana Department of Environmental Management

We Protect Hoosiers and Our Environment.

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Eric J. Holcomb
Governor

Brian Rockensuess
Commissioner

March 28, 2024

Via Email to: thomas.maicher@clevelandcliffs.com
Mr. Thomas Maicher, Environmental Area Manager
Cleveland-Cliffs Burns Harbor
250 West US Highway 12
Burns Harbor, Indiana 46304

Dear Mr. Maicher:

Re: Inspection Summary Letter
Cleveland-Cliffs Burns Harbor
NPDES Permit No. IN0000175
Burns Harbor, Porter County

An inspection of the above-referenced facility or location was conducted by a representative of the Indiana Department of Environmental Management, Southeast Regional Office, pursuant to IC 13-18-3-9. A summary of the inspection is provided below:

Date(s) of Inspection:	March 26, 2024
Type of Inspection:	Reconnaissance Inspection
Inspection Results:	Conditions evaluated were found to be satisfactory at the time of the inspection.

A copy of the NPDES Industrial Facility Inspection Report is enclosed for your records. Please direct any response to this letter and any questions to Miya Spratt at 219-312-1266 or by email to mcspratt@idem.IN.gov.

Sincerely,

Mark A. Amick, Director
Southeast Regional Office

Enclosure



NPDES Industrial Facility Inspection Report

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

NPDES Permit Number: IN0000175		Facility Type: Industrial		Facility Classification: Major		Facility Classification: D		TEMPO AI ID 12029			
Date(s) of Inspection:		March 26, 2024									
Type of Inspection:		Reconnaissance Inspection									
Name and Location of Facility Inspected: Cleveland-Cliffs Burns Harbor 250 West US Hwy 12 Burns Harbor IN 46304				County: Porter				Receiving Waters/POTW: East Branch of the Little Calumet River and Lake Michigan		Permit Expiration Date: 12/31/2026	
								Design Flow: NA			
On Site Representative(s):											
First Name		Last Name		Title		Email		Phone			
Morgan		Swanson		Environmental Engineer		morgan.swanson@slevelandcliffs.com					
Tom		Maicher		Environmental Area Manager		thomas.maicher@clevelandcliffs.com					
Greg		Marks		Certified Operator		greg.marks@clevelandcliffs.com					
Nick		Walters		Process Coordinator of Continuous Heat Treatment Line							
Was a verbal summary of the inspection given to the on-site rep?										Yes	
Certified Operator: Greg Marks		Number: 21985		Class: D		Effective Date: 1-26-2023		Expiration Date: 6-30-25		Email: greg.marks@clevelandcliffs.com	
Cyber Security Contact											
Name:										Email:	
Responsible Official: Mr. Thomas Maicher, Environmental Area Manager 250 West US Highway 12 Burns Harbor, Indiana 46304						Permittee: Cleveland-Cliffs Burns Harbor Email: thomas.maicher@clevelandcliffs.com Phone: Fax:					
						Contacted?		Yes			
INSPECTION FINDINGS											
<input checked="" type="radio"/> Conditions evaluated were found to be satisfactory at the time of the inspection. (5)											
<input type="radio"/> Violations were discovered but corrected during the inspection. (4)											
<input type="radio"/> Potential problems were discovered or observed. (3)											
<input type="radio"/> Violations were discovered and require a submittal from you and/or a follow-up inspection by IDEM. (2)											
<input type="radio"/> Violations were discovered and may subject you to an appropriate enforcement response. (1)											
AREAS EVALUATED DURING INSPECTION											
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)											
S	Receiving Waters	S	Facility/Site	S	Self-Monitoring	N	Enforcement				
S	Effluent/Discharge	S	Operation	N	Flow Measurement						
N	Permit	N	Maintenance	N	Laboratory	N	Effluent Limits Compliance				
		N	Sludge	N	Records/Reports	N	Other:				
DETAILED AREA EVALUATIONS											
This inspection focused on the Continuous Heat Treatment Line process and how it relates to wastewater. External outfalls were also observed during the inspection.											
Receiving Waters:											
Comments: The receiving streams associated with outfalls 001, 002, and 003 were free of notable foam, algae or solids.											
Effluent/Discharge:											
Comments:											

The effluent for outfalls 001, 002, and 003 was clear and free of color at the time of the inspection.

Facility/Site:

Comments:

The facility grounds are well maintained. All areas requested to be inspected during the inspection were accessible.

Operation:

Comments:

The inspection focused on the Continuous Heat Treatment Line (CHTL) and how its process relates to wastewater. The Continuous Heat Treatment Line has an anneal furnace, designed to bring substrate to peak metal temperatures based off of the needs of their customers, and an age furnace, designed to decrease the temperature to prevent and limit coil breaks. The line consist of a cleaning system, a pickling system, and a cooling system that generates wastewater. Wastewater from these systems goes to the waste neutralizing system where pH is monitored prior to discharging to the DIW. The cooling system has two emergency stations that use lake water. All units of treatment appear to be operating efficiently.

Self-Monitoring:

Comments:

The Self Monitoring Program was rated as satisfactory. The auto-samplers at outfalls 001 and 011 were observed during the inspection. The temperatures at both samplers were within the appropriate range. The tubing at both samplers was in good condition and last replaced on March 6th.

Effluent Limits Compliance:

No 1. Were DMRs reviewed as part of the inspection?

Comments:

IDEM REPRESENTATIVE

Inspector Name:

Miya Spratt

Email:

mcspratt@idem.IN.gov

Phone Number:

219-312-1266

Other staff participating in the inspection:

Name(s)

Nick Ream

Phone Number(s)

(219) 730-1691

IDEM MANAGER REVIEW

IDEM Manager:

Mark A. Amick

Date:

3/27/2024