

Legend

- Major Shoreline Industry Lands
- Indiana Dunes National Park
- Indiana Dunes State Park



Shoreline Industry Factsheets

Cleveland Cliffs Indiana Harbor



CLEVELAND-CLIFFS INDIANA HARBOR OVERVIEW

- The Indiana Harbor complex is one of the largest integrated steelmaking facilities in North America and is located in East Chicago, Indiana, just 20 miles southeast of Chicago
- Indiana Harbor is a diverse facility capable of making a full range of flat steel products and is a leader in the North American development of new automotive products
- It is a primary supplier of steel coils to Cleveland-Cliffs New Carlisle, located near South Bend



CLEVELAND-CLIFFS INDIANA HARBOR NPDES PERMITS: NUMBERS IN0063711, IN0000094, IN0000205

- NPDES permits are valid for five-year periods
- This facility has three NPDES permits in total which include Central, East, and West
- Before the NPDES permit is renewed, a public comment period will be announced by IDEM
- The public comment period is the best opportunity for the public to influence the five-year NPDES permit discharge levels and monitoring and reporting requirements.**

WHAT DOES SAVE THE DUNES DO?

- Save the Dunes has developed a Water Pollution Prevention Plan to work with stakeholders, industry, and IDEM to create a culture of pollution prevention in Northwest Indiana
- In the event of an emergency, Save the Dunes will alert members and supporters via an "Action Alert" to empower community members to take action. Sign up for newsletters and become a member at [savedunes.org](https://www.savedunes.org)



OUTFALL LOCATIONS

- Large pipes, called "outfalls" discharge water from industrial facilities into adjacent waterways
- This facility is separated into two sections, originally built and operated by separate companies with separate NPDES permits
- Indiana Harbor East has three external outfalls that discharge into Indiana Harbor Turning Basin
- Indiana Harbor West has five external outfalls that discharge into Indiana Harbor Turning Basin



DID YOU KNOW?

Lake Michigan is the source of drinking water for more than 40 million people

NPDES - PERMITTED POLLUTANTS OF INTEREST

*Health Effects listed are subject to extreme exposures in certain cases and are not guaranteed above permitted levels

Pollutant	Health Impacts Above Permitted Levels
Ammonia	High levels of ammonia can irritate and burn the skin, mouth, throat, lungs, and eyes. Very high levels of ammonia can damage the lungs or cause death
Lead	Adults exposed to high levels of lead can suffer from cardiovascular effects, increased blood pressure and incidence of hypertension, decreased kidney function, and reproductive problems
Total Cyanide	The health effects from high levels of cyanide exposure can begin in seconds to minutes. Signs and symptoms include headaches, nausea, difficulty breathing, seizures and cardiac arrest
Mercury	High levels of mercury can lead to neurological and behavioral disorders symptoms including tremors, insomnia, memory loss, neuromuscular effects, headaches and cognitive and motor dysfunction

DID YOU KNOW

IDEM compiles all permit-related information which is available online at:

<https://www.in.gov/idem/legal/public-records/virtual-file-cabinet/>

WHAT CAN YOU DO?

- Be aware of permit renewal dates
 - The public can usually provide comments around 30 days after a permit draft is published. Be sure to research any specifics that you are interested in including prior to submitting your public comment
- Stay Connected
 - Make sure you are connected with Save the Dunes on social media and join our email list to be notified of emerging situations and action alerts

DID YOU KNOW

Non-profit organizations hold industries accountable through advocacy campaigns and lawsuits if permit violations are severe and/or a systemic pattern of violations is evident

Cleveland Cliifs in East Chicago



IN CASE OF EMERGENCY

Indiana Department of Environmental Management
24-Hour Emergency Toll Free Spill Lines:
(888) 233-7745 or (317) 233-7745

National Response Center Line to report
an environmental emergency:
1-800-424-8802

