

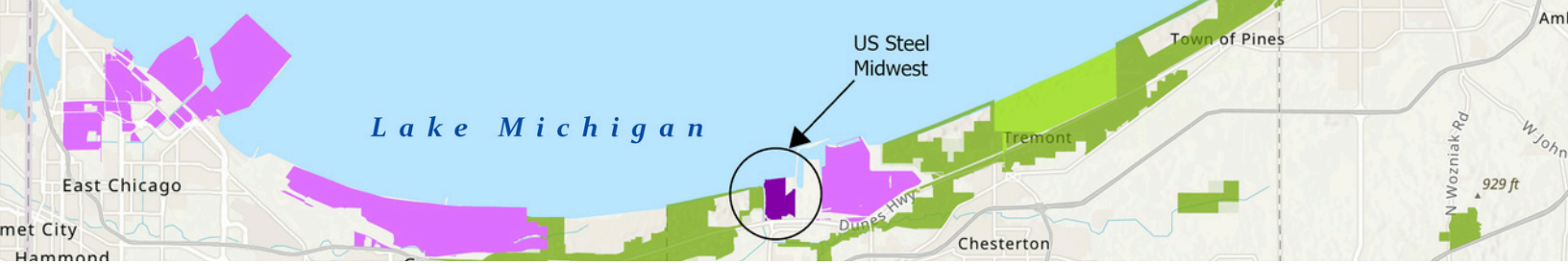
Legend

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



Shoreline Industry Factsheets

US Steel Midwest



US STEEL MIDWEST OVERVIEW

- US Steel Midwest is a manufacturing facility that produces tin mill products and hot-dip galvanized, cold-rolled and electrical lamination steel used by the automotive, construction, and electrical markets.
- This facility is located on the Lake Michigan shoreline in Porter County, Indiana and is adjacent to the Indiana Dunes National Park Portage Lakefront and Riverwalk
- US Steel Midwest holds discharge permits issued by the Indiana Department of Environmental Management to release regulated levels of pollutants into Burns Waterway through several outfalls



U.S. STEEL MIDWEST'S NPDES PERMIT: NUMBER IN0000337

- NPDES permits are valid for five-year periods
- 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**

OUTFALL LOCATIONS

- Large pipes, called "outfalls," discharge water from industrial facilities into adjacent waterways
- U.S. Steel Midwest has a total of 3 external outfalls and their discharge includes non-contact cooling water, stormwater, and process wastewater containing permitted pollutants that flow directly into Burns Waterway (specifically from Outfall 004)
- Burns Waterway flows directly into Lake Michigan
- Outfall 004 is located in close proximity to Lake Michigan



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)



DID YOU KNOW?

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



US STEEL MIDWEST CONSENT DECREE SUMMARY

- Following the Hexavalent Chromium Spill and subsequent lawsuits, a Consent Decree was issued to U. S. Steel
- Under the Consent Decree, U.S. Steel was required to:
 - Pay a civil penalty split evenly between the United States government and the State of Indiana
 - Reimburse the U.S. Environmental Protection Agency and the National Park Service (NPS) for response costs
 - Pay the NPS’s calculation of damages resulting from beach closures along the National Park shoreline and the National Oceanic and Atmospheric Administration’s natural resource damage assessment costs
 - Environmentally beneficial project must be done that requires water quality testing and reporting by U. S. Steel of pollutants at several shore locations along Lake Michigan near the Indiana Dunes National Park

HISTORY OF NPDES PERMIT VIOLATIONS

Recent Permit Violations	Compliance History
Hexavalent Chromium	Four instances of violations in 2017
Discoloration	Five instances of violation between 2013 and 2017
Temperature	Seven instances of violation between 2014 and 2017
Whole Effluent Toxicity, Chronic	Three instances of violation between 2013 and 2014

IN CASE OF EMERGENCY

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

NPDES - PERMITTED POLLUTANTS OF INTEREST

Pollutant	Health Impacts Above Permitted Levels
Hexavalent Chromium	Exposure is associated with increased risks of lung cancer and cancer of the paranasal
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
Mercury (ng/l)	

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

DID YOU KNOW

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

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.

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