

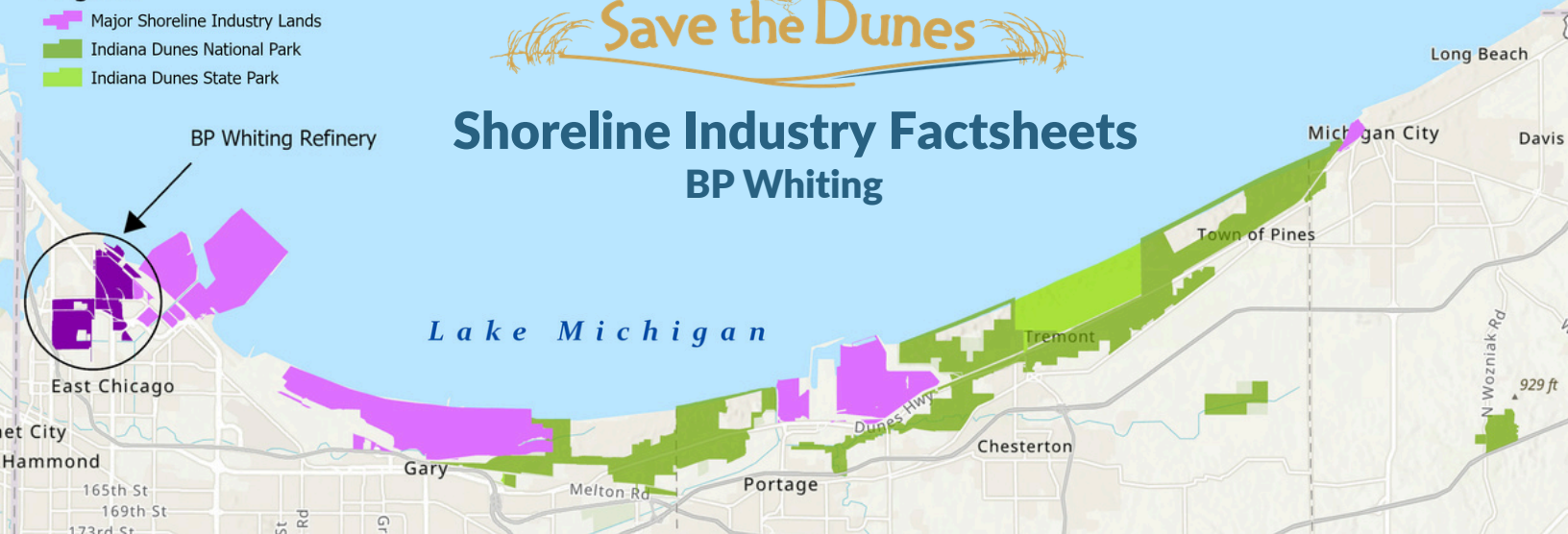
Legend

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



Shoreline Industry Factsheets

BP Whiting



BP WHITING REFINERY OVERVIEW

- Located in Northwest Lake County in Indiana, the BP Whiting Refinery is the largest BP refinery in North America
- This facility is able to process around 440,000 barrels of crude oil every day
- BP produces a wide range of liquid fuels, along with 7% of all asphalt in the United States

BP WHITING NPDES PERMIT: NUMBER IN0000108

- 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**



WHAT DOES SAVE THE DUNES DO?

- Save the Dunes works to protect the Indiana Dunes and Lake Michigan through meaningful conservation, advocacy, and community engagement
- 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 savethedunes.org

OUTFALL LOCATIONS

- Large pipes, called "outfalls," discharge water from industrial facilities into adjacent waterway
- BP Whiting has 4 external outfalls in total, 2 that discharge into Lake Michigan
- The 2 external outfalls to Lake Michigan carry Non-contact cooling water, Total Organic Carbon, and a mix of Oil/grease



Selenium will be discharged from one of these outfalls in BP's next permit cycle



DID YOU KNOW?

Lake Michigan is the source of drinking water for more than 10 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
Total Organic Carbon	Drinking water containing high levels of oil and grease can cause an upset stomach, stomach cramping, nausea, vomiting, and diarrhea. Your throat and mouth may also get irritated
Selenium	No health effects. However, total organic carbon provides a medium for the formation of disinfection byproducts. Drinking water containing these byproducts in high excess may lead to adverse health effects, liver, or kidney problems, or nervous system effects, and may lead to an increased risk of getting cancer
Mercury	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

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

DID YOU KNOW

Your voices matter!
Because of public influence and advocacy efforts by the local community, Selenium will now be regulated under the new BP permit!

BP Whiting Refinery



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