



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
LANSING



DANIEL EICHINGER  
ACTING DIRECTOR

VIA EMAIL

TO: Senate Energy and Environment Committee Members  
Senate Natural Resources and Agriculture Committee Members  
House Natural Resources, Environment, Tourism and Outdoor  
Recreation Committee Members

FROM: Daniel Eichinger, Acting Director 

DATE: April 3, 2023

SUBJECT: Report on Sand Dune Mining

In accordance with Section 63711(8) of Part 637, Sand Dune Mining, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, attached is the Department of Environment, Great Lakes, and Energy's (EGLE) report on Sand Dune Mining for fiscal year 2022.

If you need further information, please contact Adam W. Wygant, Director, Oil, Gas, and Minerals Division, at 517-897-4828; or you may contact me at 517-512-5992.

Attachment

cc/att: Kathryn Summers, Director, Senate Fiscal Agency  
Mary Ann Cleary, Director, House Fiscal Agency  
Christopher M. Harkins, Director, State Budget Office  
Curtis Hertel Jr., Director of Legislative Affairs, Governor's Office  
Marc Rehmann, Policy Director, Governor's Office  
Chris Semrinec, Senate Fiscal Agency  
Austin Scott, House Fiscal Agency  
Jacques McNeely, State Budget Office  
Zach Hendrix, State Budget Office  
Aaron B. Keatley, Chief Deputy Director, EGLE  
Travis Boeskool, Legislative Liaison, EGLE  
Paul McDonald, EGLE  
Dale Shaw, EGLE  
Adam W. Wygant, EGLE  
Kathy Tetzlaff, EGLE  
Mark Snow, EGLE



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

## Legislative Report

# Sand Dune Mining Report

**Report Period:**  
**Fiscal Year 2022**

**Authority:**  
**Part 637, Sand Dune Mining, of the Natural Resources and  
Environmental Protection Act, 1994 PA 451, as Amended**

For more information on the Sand Dune Mining Program, please contact:

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Department of Environment, Great Lakes, and Energy  
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## **Sand Dune Mining Annual Report Fiscal Year 2022**

The Department of Environment, Great Lakes, and Energy (EGLE), Oil, Gas, and Minerals Division (OGMD), administers the sand dune mining program under Part 637, Sand Dune Mining, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Part 637 prescribes the requirements for the permitting, mining, and reclamation of sand mining operations in designated Great Lakes sand dune areas. Sand mined from these areas is used primarily for industrial and construction purposes. The program is funded entirely by the collection of an annual surveillance fee assessed to the sand dune mining operators. The amount collected is commensurate with the funds needed to cover program costs.

All sand dune mining sites are located within two miles of the Lake Michigan shoreline. Most of the currently active sites are located between Benton Harbor and Muskegon. One site is in Mackinac County in the Upper Peninsula. Seven sites have active permits.

### **PERMITTING ACTIVITIES**

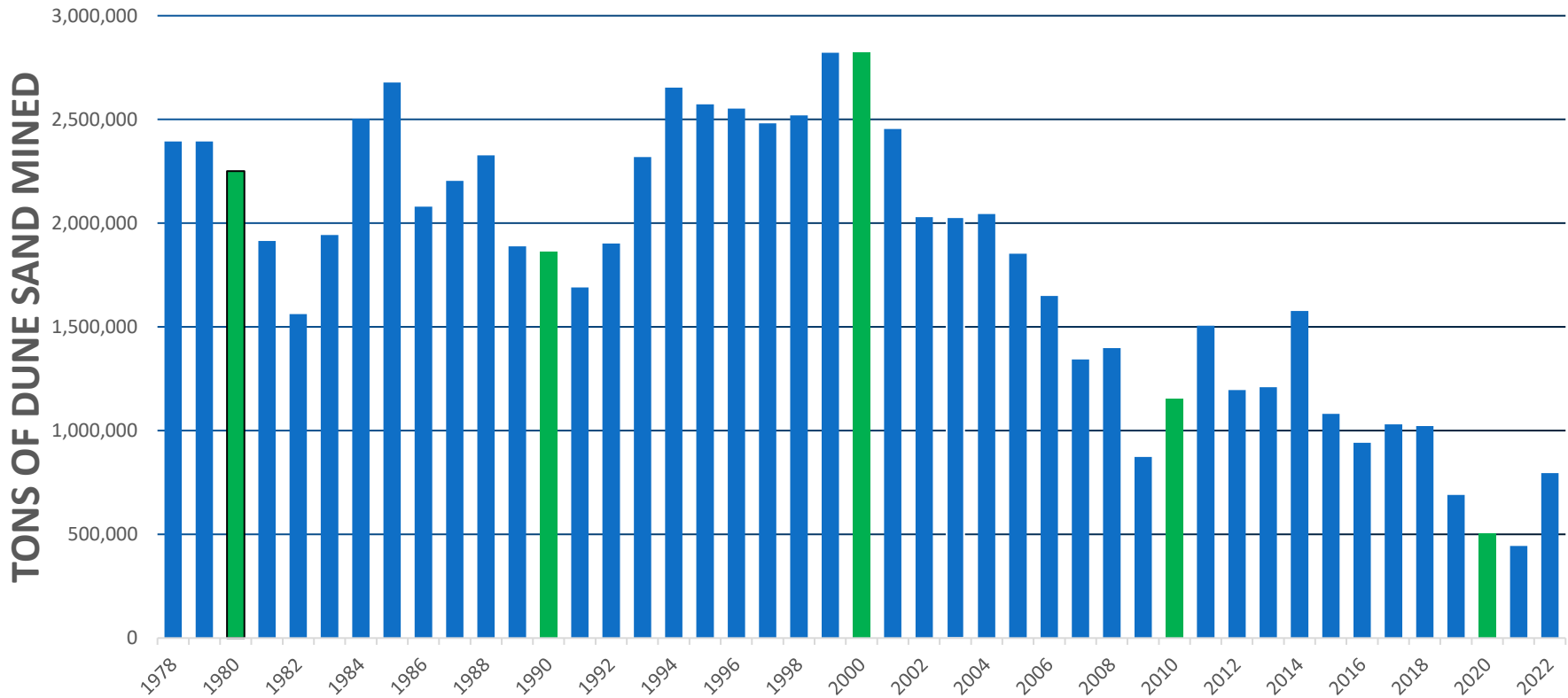
There was one application for permit renewal received in fiscal year (FY) 2022, and that permit was renewed. There were no new permit applications received in FY 2022; however, one new permit was issued in FY 2022 from an application received in FY 2021.

### **SURVEILLANCE AND ENFORCEMENT ACTIVITIES**

OGMD staff conducted a total of 20 on-site inspections at permitted sites in FY 2022 and responded to one complaint. The OGMD resolved a compliance case from the previous FY that involved the removal of sand from a designated sand dune mining area without a permit. No other significant issues occurred that required enforcement action, and all sand dune mining companies were in compliance in FY 2022.

### **REVENUE AND EXPENDITURES**

Total money received from sand dune mining surveillance fees totaled \$20,000 for FY 2022. Expenditures totaled \$57,273. Part 637 requires EGLE to calculate the surveillance fee rate each year, up to a maximum of \$0.10 per ton of sand mined from a sand dune area for the previous calendar year. Fees are collected only to match actual costs for implementing Part 637 and are maintained such that the Sand Extraction Fee Revenue Fund (Fund) maintains a balance of approximately one to two year's operating expense. Owing to the nature of sand dune mining, even after production ceases, there is postproduction reclamation requiring some oversight until closure. Unexpended money in the Fund is carried forward each year. The balance in the Fund at the end of FY 2022 was \$182,533.



### YEAR MINING OCCURRED

Annual dune sand production, in tons, from 1978 through 2022  
 During 2022: 795,346 tons of sand were produced from seven permitted sites.

**1978-2022: 81,154,123 tons of dune sand have been produced.**

**PART 637, SAND DUNE MINING  
2023 SITE STATUS SUMMARY**

<b>Permit Number</b>	<b>Company Name</b>	<b>Site Name</b>	<b>Status</b>	<b>Renewal</b>
TS-GP-100	Technisand, Inc.	Gulliver-Peters Site	Closed 2006	N/A
TS-BP-101	Technisand, Inc.	Busse Property	Closed 2014	N/A
TS-GS-102	Technisand, Inc.	Garage Site	Closed 1996	N/A
<b>TS-NP-103</b>	<b>Technisand, Inc.</b>	<b>Nadeau Pit</b>	<b>Active</b> (Permitted 1979)	<b>2025</b>
TS-RP-104	Technisand, Inc.	Rose Pit	Closed 1996	N/A
TS-BS-105	Technisand, Inc.	Bridgman South Site	Closed 1997	N/A
TS-BN-106	Technisand, Inc.	Bridgman North Site	Closed 1996	N/A
TS-NS-107	Technisand, Inc.	Nadeau Site (Taube Road)	Closed 2015	N/A
<b>SAS-LS-108</b>	<b>Sargent Sand</b>	<b>Ludington Site</b>	<b>Active</b> (Permitted 1981)	<b>2021: In Process</b>
NUS-LAS-109	Nugent Sand	Lincoln Avenue Site	Closed 2021	N/A
VCD-HH-110	Verplank's Coal & Dock Co.	Holiday Hills Site	Closed 2003	N/A
CWC-LHRS-111	CWC Castings	Lake Harbor Road Site	Closed 1987	N/A
<b>JMC-SBS-112</b>	<b>Jackson-Merkey Contr. Inc.</b>	<b>Sherman Boulevard Site</b>	<b>Active</b> (Permitted 1982)	<b>2024</b>
CAC-FBS-113	Ottawa Sand Company	Ferrysburg Site	Closed 2019	N/A
<b>STS-RMS-114</b>	<b>Standard Sand</b>	<b>Rosy Mound Site</b>	<b>Active</b> (Permitted 1982)	<b>2025</b>
BON-LT-115	Bonzelaar, Jack J.B.	Laketown Site	Closed 2005	N/A
<b>SPC-PS-116</b>	<b>Sand Products</b>	<b>Plateau Site</b>	<b>Active</b> (Permitted 1983)	<b>2026</b>
HJT-TP-117	Tanis, Harold J.	Tanis Property	Closed 1992	N/A
TS-AS-118	Technisand, Inc.	Austin Site	Closed 2001	N/A
TS-GAR-119	Technisand, Inc.	Garlanger	Closed 2001	N/A
WR-RS-120	Woodland Ridge II, L.L.C.	Rycenga Site	Closed 2006	N/A
SE-DS-121	Star Excavating	Dokter Site	Closed 1994	N/A
<b>WFR-WRP-122</b>	<b>Rohn, Walter F</b>	<b>Walter Rohn Property</b>	<b>Active</b> (Permitted 1991)	<b>2026</b>
WD-TSS-123	Woodland Development	Tiffany Shores Site	Closed 1995	N/A
Denied/124	Hart-Packing	Silver Lake Site	Closed 2001	N/A
CAC-NSS-125	Construction Aggregates	North Sag Site	Closed 2001	N/A
NLN-NLS-126	Genzink, Steve	New Life Nursery	Closed 2001	N/A
DPD-DP-127	Drooger, Dennis P.	Drooger Property	Closed 1994	N/A
OE-OES-128	Owens Excavating	Owens Excavating Site	Closed 2004	N/A
WGI-BSS-129	Waters Group, Inc.	Blair Street Site	Closed 2001	N/A
CB-CBS-130	Beasley, Charles	Charles Beasley Site	Closed 2005	N/A
HA-GBF-131	Aussicker, Harold	Gold Barn Farms Site	Closed 2007	N/A
DS-LWS-132	Slikkers, David	Legacy Woods Site	Closed 2006	N/A
MES-ES-133	Martin Emery	Martin Emery Site	Closed 2020	N/A
<b>CVH-VHS-134</b>	<b>Chad and Jenny Van Horn</b>	<b>Van Horn Site</b>	<b>Active</b> (Permitted 2022)	<b>2026</b>

**STATUS:**

“**Active**” means mining has or could occur. Some sites might not be producing or are preparing to close.

“**Closed**” means mining has stopped, reclamation has been completed, and the site bond has been released.

“**Renewal**” means the permit must be renewed by December 31<sup>st</sup> of the specified year.

**Shaded** cells indicate mines that have not renewed their permits and that are **closed**.

Please contact Jennifer Ferrigan, OGMD, at FerriganJ2@Michigan.gov or 517-290-6982, for comments or questions.