



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



LIESL EICHLER CLARK  
DIRECTOR

VIA E-MAIL

TO: Senate Environmental Quality Committee Members  
Senate Natural Resources Committee Members  
House Natural Resources and Outdoor Recreation Committee Memers

FROM: Liesl Eichler Clark, Director 

DATE: April 3, 2019

SUBJECT: Sand Dune Mining Annual Report

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 Environmental Quality's (DEQ) Sand Dune Mining Annual Report for fiscal year 2018.

If you need further information, please contact Adam W. Wygant, Director, Oil, Gas, and Minerals Division, at 517-284-6823; or you may contact me at 517-284-6710.

Attachment

cc/att: Chris Harkins, Director, Senate Fiscal Agency  
Mary Ann Cleary, Director, House Fiscal Agency  
Chris Kolb, Director, State Budget Office  
Greg Bird, Legislative Director, Governor's Office  
Emily Laidlaw, Policy Director, Governor's Office  
Abbey Frazier, Senate Fiscal Agency  
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Rick Henderson, DEQ  
Michael J. Sweat, DEQ



MICHIGAN DEPARTMENT OF  
ENVIRONMENTAL QUALITY

Legislative Report

# Sand Dune Mining Annual Report

Report Period:  
Fiscal year 2018

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

Department of Environmental Quality  
Oil, Gas, and Minerals Division

For more information on the Sand Dune Mining Program, please contact:  
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## **Sand Dune Mining Annual Report Fiscal Year 2018**

The Department of Environmental Quality (DEQ), 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. Of the nine current permits, only four sites are producing sand; the other five sites are either in reclamation or are inactive.

### **PERMITTING ACTIVITIES**

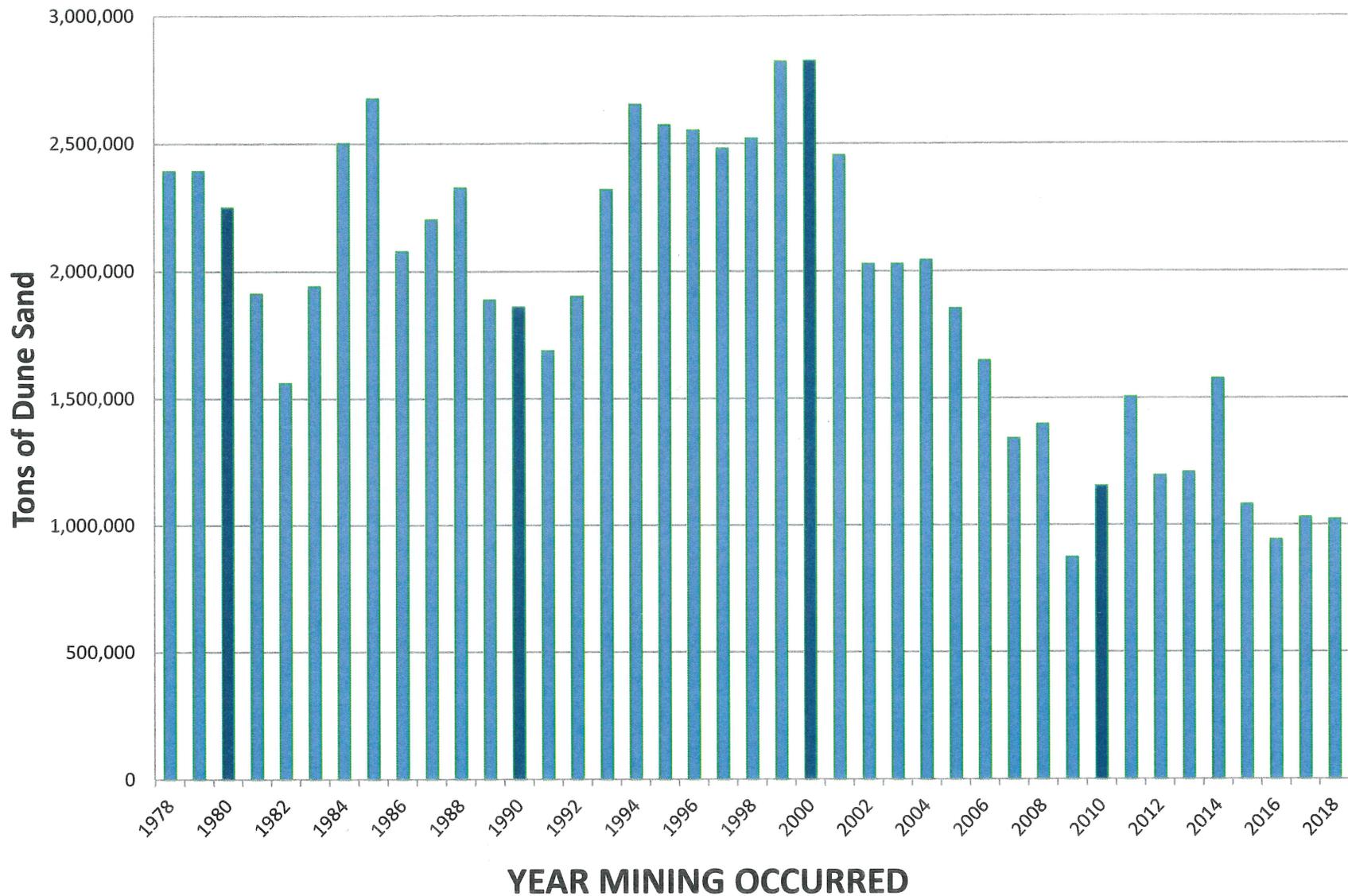
There were no renewals in 2018, and no permits expired in 2018.

### **SURVEILLANCE AND ENFORCEMENT ACTIVITIES**

OGMD staff conducted a total of 11 on-site inspections at permitted sites in fiscal year (FY) 2018 and responded to one complaint. No significant issues occurred that required enforcement action, and all companies were in compliance.

### **REVENUE AND EXPENDITURES**

Total money received from sand dune mining surveillance fees totaled \$51,483 for FY 2018. Expenditures totaled \$28,653. Part 637 requires the DEQ 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 post-production 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 2018 was \$216,349.



**Annual dune sand production, in tons, from 1978 through 2018**  
 During 2018: 1,021,979 tons of sand were produced from nine permitted sites.

**1978-2018: 78,719,522 tons of dune sand have been produced.**

<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	NA
TS-BP-101	Technisand, Inc.	Busse Property	Closed 2014	NA
TS-GS-102	Technisand, Inc.	Garage Site	Closed 1996	NA
<b>TS-NP-103</b>	<b>Technisand, Inc.</b>	<b>Nadeau Pit</b>	<b>Active</b> (Permitted 1979)	<b>2020</b>
TS-RP-104	Technisand, Inc.	Rose Pit	Closed 1996	NA
TS-BS-105	Technisand, Inc.	Bridgman South Site	Closed 1997	NA
TS-BN-106	Technisand, Inc.	Bridgman North Site	Closed 1996	NA
TS-NS-107	Technisand, Inc.	Nadeau Site (Taube Road)	Closed 2015	NA
<b>SAS-LS-108</b>	<b>Sargent Sand</b>	<b>Ludington Site</b>	<b>Active</b> (Permitted 1981)	<b>2021</b>
<b>NUS-LAS-109</b>	<b>Nugent Sand</b>	<b>Lincoln Avenue Site</b>	<b>Active</b> (Permitted 1981)	<b>2019</b>
VCD-HH-110	Verplank's Coal & Dock Co.	Holiday Hills Site	Closed 2003	NA
CWC-LHRS-111	CWC Castings	Lake Harbor Road Site	Closed 1987	NA
<b>JMC-SBS-112</b>	<b>Jackson-Merkey Contr. Inc.</b>	<b>Sherman Boulevard Site</b>	<b>Active</b> (Permitted 1982)	<b>2019</b>
<b>CAC-FBS-113</b>	<b>Ottawa Sand Company</b>	<b>Ferrysburg Site</b>	<b>Active</b> (Permitted 1982)	<b>2019</b>
<b>STS-RMS-114</b>	<b>Standard Sand</b>	<b>Rosy Mound Site</b>	<b>Active</b> (Permitted 1982)	<b>2020</b>
BON-LT-115	Bonzelaar, Jack J.B.	Laketown Site	Closed 2005	NA
<b>SPC-PS-116</b>	<b>Sand Products</b>	<b>Plateau Site</b>	<b>Active</b> (Permitted 1983)	<b>2021</b>
HJT-TP-117	Tanis, Harold J.	Tanis Property	Closed 1992	NA
TS-AS-118	Technisand, Inc.	Austin Site	Closed 2001	NA
TS-GAR-119	Technisand, Inc.	Garlanger	Closed 2001	NA
WR-RS-120	Woodland Ridge II, L.L.C.	Rycenga Site	Closed 2006	NA
SE-DS-121	Star Excavating	Dokter Site	Closed 1994	NA
<b>WFR-WRP-122</b>	<b>Rohn, Walter F</b>	<b>Walter Rohn Property</b>	<b>Active</b> (Permitted 1991)	<b>2021</b>
WD-TSS-123	Woodland Development	Tiffany Shores Site	Closed 1995	NA
Denied/124	Hart-Packing	Silver Lake Site	Closed 2001	NA
CAC-NSS-125	Construction Aggregates	North Sag Site	Closed 2001	NA
NLN-NLS-126	Genzink, Steve	New Life Nursery	Closed 2001	NA
DPD-DP-127	Drooger, Dennis P.	Drooger Property	Closed 1994	NA
OE-OES-128	Owens Excavating	Owens Excavating Site	Closed 2004	NA
WGI-BSS-129	Waters Group, Inc.	Blair Street Site	Closed 2001	NA
CB-CBS-130	Beasley, Charles	Charles Beasley Site	Closed 2005	NA
HA-GBF-131	Aussicker, Harold	Gold Barn Farms Site	Closed 2007	NA
DS-LWS-132	Slikkers, David	Legacy Woods Site	Closed 2006	NA
<b>MES-ES-133</b>	<b>Martin Emery</b>	<b>Martin Emery Site</b>	<b>Active</b> (Permitted 2009)	<b>2019</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 site bond has been released.

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

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