



STATE OF OHIO
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF GEOLOGICAL SURVEY
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2020 INDUSTRIAL MINERAL REPORT
 This report must be filed by February 1, 2021

Please correct any errors in this mailing address

A form must be completed for all mines as required annually under the Ohio Revised Code Section 1505.10 Annual Reports. See also 1505.99 Penalty.

A SEPARATE REPORT MUST BE FILED FOR EACH MINING OPERATION

Please fill out and submit form, even if the mine had no production or sales for the calendar year 2020.

1. IDENTIFICATION

SUBMITTED BY

Your name (please print): _____ Title: _____
 Telephone number: _____ Email: _____
 Address: _____

Please check box if the form should be addressed and mailed to submitter listed above

COMPANY

Company name: _____
 Name of president or owner (please print): _____
 Company address: _____
 Company telephone number: _____
 Company website: _____

MINE

Division of Mineral Resources
 Management permit number: _____ "Old" Division of Mines number: _____
 Mine name: _____
 Mine location: _____
 County(ies): _____ Coordinates: Lat: _____
 (approximate) Long: _____
 Coal seam(s) mined: _____

Please contact the Division of Geological Survey if the geological formation(s) or unit(s) need to be identified for you

Please check the appropriate box(es)

- Abandoned (date: _____) Mine sold to: Name: _____
- Reclaiming only Address: _____
- Temporarily shut down Date sold: _____
- Active nonproducing mine Please check box if this mining operation is underground
- Active producing mine

2. EMPLOYMENT

PRODUCTIVITY

Number of calendar days mineral product produced

| |
|-------------|
| 2020 |
| |

AVERAGE ANNUAL NUMBER OF EMPLOYEES

- Number of production employees
- Number of nonproduction employees

| TOTAL | GROSS WAGES & SALARIES |
|-------|------------------------|
| | |
| | |

Please check box if raw material is for captive use

Note: Do not include any figures for manufacturing processes or value of manufactured products. Only include figures dealing with the mining operation. (See Instructions concerning "captive use.")

Instruction on how to complete this report can be found at the end of the report
 Completion of this form is required by Section 1505.10 of the Ohio Revised Code

3. LIMESTONE AND DOLOMITE

| | TONS SOLD | | WEIGHT BEFORE BURNING (TONS) | WEIGHT AFTER BURNING (TONS) |
|---|-----------|-----------------------------------|---------------------------------|--------------------------------|
| <i>Crushed and broken stone</i> | | | | |
| Riprap | _____ | <i>Lime (burned stone)</i> | _____ | _____ |
| Flux stone | _____ | Building stone | _____ | _____ |
| Stone for portland cement concrete | _____ | Chemical and industrial stone | _____ | _____ |
| Stone for asphaltic concrete | _____ | Refractory stone | _____ | _____ |
| Road construction, resurfacing | _____ | Other uses (specify) _____ | _____ | _____ |
| Commercial building | _____ | _____ | _____ | _____ |
| Railroad ballast | _____ | <i>Other uses (specify)</i> _____ | _____ | _____ tons |
| Extenders and fillers | _____ | _____ | _____ | _____ tons |
| Other uses (specify) _____ | _____ | | | |
| | | TOTAL TONS SOLD | _____ | _____ |
| | | TOTAL TONS PRODUCED | _____ | _____ |
| <small>Note: for lime, please include total weight before burning in both total sales and total production.</small> | | | | |
| <i>Dimension stone</i> | _____ | FOB sale value of tonnage sold | \$ _____ | |
| <i>For portland cement manufacture</i> | _____ | this year (do not include | | |
| <i>Agriculture stone (aglime)</i> | _____ | transportation costs) | | |

4. SAND AND GRAVEL

(Do not include topsoil)

| | TONS SOLD | | TONS SOLD |
|--------------------------------|-----------|---------------------------------------|-----------|
| <i>Sand</i> | | | |
| Building | _____ | <i>Gravel</i> | _____ |
| Portland cement concrete | _____ | Building | _____ |
| Asphaltic concrete | _____ | Portland cement concrete | _____ |
| Road construction, resurfacing | _____ | Asphaltic concrete | _____ |
| Filtration | _____ | Road construction, resurfacing | _____ |
| Foundry | _____ | Filtration | _____ |
| Industrial filler | _____ | Other uses (specify) _____ | _____ |
| Recreation | _____ | _____ | _____ |
| Other uses (specify) _____ | _____ | | |
| | | TOTAL TONS SOLD | _____ |
| | | TOTAL TONS PRODUCED | _____ |
| TOTAL TONS SOLD | _____ | FOB sale value of <u>all</u> sand and | \$ _____ |
| TOTAL TONS PRODUCED | _____ | gravel sold this year (do not | |
| | | include transportation costs) | |

If dredging operation, name of river or lake: _____

If no tonnage distinction is made between sand and gravel, please indicate approximate percentages: _____ % sand _____ % gravel

5. CLAY

| | TONS SOLD | | TONS SOLD |
|----------------------|-----------|--------------------------------|-----------|
| Common clay products | _____ | Other uses (specify) _____ | _____ |
| Stoneware | _____ | _____ | _____ |
| Vitrified products | _____ | TOTAL TONS SOLD | _____ |
| Cement manufacture | _____ | TOTAL TONS PRODUCED | _____ |
| Refractories | _____ | FOB sale value of tonnage sold | \$ _____ |
| Construction | _____ | this year (do not include | |
| Landfill use | _____ | transportation costs) | |

6. SHALE

| | TONS SOLD | | TONS SOLD |
|-----------------------|-----------|--------------------------------|-----------|
| Common clay products | _____ | Other uses (specify) _____ | _____ |
| Vitrified products | _____ | _____ | _____ |
| Cement manufacture | _____ | TOTAL TONS SOLD | _____ |
| Lightweight aggregate | _____ | TOTAL TONS PRODUCED | _____ |
| Construction | _____ | FOB sale value of tonnage sold | \$ _____ |
| Landfill use | _____ | this year (do not include | |
| | | transportation costs) | |

Completion of this form is required by Section 1505.10 of the Ohio Revised Code

7. SANDSTONE OR CONGLOMERATE

TONS SOLD

TONS SOLD

Crushed and broken stone

Foundry sand _____
 Glass sand _____
 Metallurgical pebble _____
 Refractory _____
 Riprap _____
 Aggregate _____
 Silica flour _____
 Polishing/grinding sand _____
 Fire and furnace sand _____
 Engine sand _____
 Frac sand _____
 Construction _____
 Industrial sand _____
 Other uses (specify) _____

Dimension stone

Refractory (firestone) _____
 Rough construction _____
 Rubble _____
 Grindstones _____
 Rough architectural* _____
 Finished (sawed or cut)* _____
 Curbing* _____
 Flagging* _____
 Other uses (specify) _____

TOTAL TONS SOLD _____
TOTAL TONS PRODUCED _____

FOB sale value of tonnage sold
 this year (do not include
 transportation costs)

\$ _____

**If you measure the volume of these products in cubic feet, please convert to tons by multiplying number of cubic feet produced by 0.074.
 Note: Tonnage breakdown by product should reflect total sales for the year, not total production.*

8. SALT

Evaporated

TONS SOLD

Rock

TONS SOLD

Method: open pans _____
 vacuum pans _____
 Product: bulk _____
 pressed blocks _____
 bagged, packaged _____
Salt in brine (weight of salt only) _____

Ice control _____
 Pressed blocks _____
 Bulk (other than ice control) _____
 Bagged, packaged _____
 Other uses (specify) _____
TOTAL TONS SOLD _____
TOTAL TONS PRODUCED _____

Note: tonnage breakdown should reflect total sales during the year, not total production.

FOB sale value of tonnage sold
 this year (do not include
 transportation costs)

\$ _____

9. GYPSUM

End-use product (specify) _____
TOTAL TONS SOLD _____
TOTAL TONS PRODUCED _____

FOB sale value of tonnage sold
 this year (do not include
 transportation costs)

\$ _____

10. PEAT

TONS SOLD

TOTAL TONS SOLD

Mulch _____
 Other uses (specify) _____

TOTAL TONS PRODUCED _____
 FOB sale value of tonnage sold
 this year (do not include
 transportation costs)

\$ _____

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GENERAL INSTRUCTIONS

- ▶ Please note this is an annual report based on a calendar year.
- ▶ Mark the appropriate box(es) on the front of the form to describe the status of the mine during the year. If abandoned during the year, please give the date.
- ▶ If the mine was sold during the year, please give the date of sale and specify to whom the mine was sold. Also complete the appropriate commodity section for the months your company operated the mine.
- ▶ All producers should fill out the Identification and Employment sections, plus the section appropriate to the commodity produced. **If this operation produces industrial minerals, this industrial mineral production must be reported on an Industrial Mineral Report form. Please call Chris Wright at (614) 265-6632 for an industrial-mineral reporting form. You may download the form in PDF format at geosurvey.ohiodnr.gov.**
- ▶ On the first page, please include the president's or owner's name and a general telephone number for the company along with your name, telephone number, and email address in case of questions. The president's or owner's signature is not required.
- ▶ If you did not receive a form for an active mine (or a new mine that opened during the year), a blank form can be downloaded in PDF format from the Industrial Minerals webpage on geosurvey.ohiodnr.gov. A blank form can also be requested by contacting Chris Wright at christopher.wright@dnr.ohio.gov, (614) 265-6632, or J. D. Stucker at james.stucker@dnr.ohio.gov, (614) 265-6601.

IDENTIFICATION SECTION INSTRUCTIONS

- ▶ Include the ODNR Division of Mineral Resources Management (DMRM) permit number for the mine along with the "old" Division of Mines number, if you know it. The mailing label should include the mine's correct DMRM permit number (begins with IM-, i.e., IM-250) and its "old" Division of Mines number (begins with alphabetical county abbreviation, i.e., Fn-25). Please make any corrections necessary.
- ▶ If your company uses a separate pit name to identify the mine, please include this name in the space marked "Mine name."
- ▶ If the mine has an address, please include this under "Mine location." If the mine has no address, please give general directions to the mine.
- ▶ Please include the location of the mine in the spaces marked "County(ies)," and "Coordinates."

EMPLOYMENT SECTION INSTRUCTIONS

- ▶ *Employment*—Indicate the total number of production employees (people working in the quarry or mine) and nonproduction employees (people employed by the company, but not physically working in the quarry or the mine) for the year, the number of calendar days that the mineral product was actually mined or quarried.
- ▶ *Gross wages and salaries*—Give the total gross wages and salaries for all employees for the year (W-2 earnings). These figures should not reflect any activity pertaining to a manufacturing process, such as brick making. This form is concerned only with the mining and quarrying operations, including sales of stockpiled material.
- ▶ *Captive use*—If raw material is used as an ingredient in an on-site manufacturing process (production of bricks, ceramic tile, sewer pipe, cement, or similar products), please indicate "yes" for "captive use." Manufacturing does not include crushing, screening, or other preparatory procedures for the mineral commodity. All information including an estimated raw material value should be reported for material mined for captive use.

COMMODITY SECTION INSTRUCTIONS

- ▶ Report tonnages to the nearest whole ton. One short ton equals 2,000 pounds.
- ▶ *Total tons sold*—The tonnage breakdown by end-use product (final product) should reflect the total sales for the year, not the total production. Please be sure to enter a zero in the space marked "TOTAL TONS SOLD" if this mine had no sales during the year.
- ▶ *Total production*—If your company distinguishes between total tons produced (mined) and total tons sold, please give the total tons produced in the space marked "TOTAL TONS PRODUCED." If your company knows approximately the tonnage produced, please give this estimate in the space marked "TOTAL TONS PRODUCED." If your company did not have production during the calendar year, please indicate this with a zero in the same space. If you leave the TOTAL TONS PRODUCED space blank, it will be assumed that this mine's production is the same as its sales.
- ▶ Report FOB (free on board) sale value to the nearest whole dollar. FOB sale value indicates the total market value of all tonnage sold during the year for each commodity. FOB sale value should reflect only the value of the raw mineral product. Do not include the value of any manufactured product or any transportation costs. Companies producing mineral commodities for captive use should report an estimated raw material value.
- ▶ Topsoil should not be included in tonnage for sand and gravel.

*Please call Chris Wright at (614) 265-6632 or J. D. Stucker at (614) 265-6601
if you have any questions about how to complete this report.*