

# MICHIGAN MINERAL PRODUCERS 2017

OFFICE OF MINERALS MANAGEMENT

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## DIRECTORY 13

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Prepared by:

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For:

Michigan Department of Natural Resources

STATE OF MICHIGAN  
Richard Snyder, *Governor*

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## **PREFACE**

In 2015, fifteen categories of metallic and non-metallic mineral resources were produced in Michigan. The economic impact of those products was estimated at more than \$2 billion, which is evidence that these extractive industries, in conjunction with the oil and gas extractive industry, are important drivers to sustaining Michigan's economic health.

The last version of the Michigan Mineral Producers Directory was completed for 1978 and was published in 1979 by the Geological Survey Division, Michigan Department of Natural Resources (MDNR). In 2016, the MDNR contracted with AMEC Engineering and Consulting of Michigan, Inc. (AMEC) to help compile a new Directory. This directory while published in 2017 is based from 2015 data.

The Office of Minerals Management staff completed a county by county aerial photographic review as a cross-check to available lists and maps of non-metallic mineral extraction sites. Through this review, extraction sites not listed or sites listed but not present were identified. Maps and lists of non-metallic mineral sites obtained through other sources were updated based upon the aerial photography review and combined into a single comprehensive list. It is hoped that the information contained in this report can be updated biannually.



# Table of Contents

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|  |              |
|--|--------------|
| <b>INTRODUCTION</b> .....  | <b>7</b>     |
| <b>GEOLOGIC OCCURRENCE OF MINERAL COMMODITIES</b> .....            | <b>8</b>     |
| <b>MINERAL PRODUCTION DATA</b> .....                               | <b>11</b>    |
| <b>METALLIC MINERALS</b> .....                                     | <b>15</b>    |
| COPPER .....   | 15           |
| IRON ORE .....   | 16           |
| NICKEL .....   | 17           |
| OTHER METALS .....   | 19           |
| <b>NONMETALLIC MINERALS AND MINERAL PRODUCTS</b> .....             | <b>19</b>    |
| CEMENT .....   | 19           |
| SHALE .....  | 21           |
| GYPSUM .....   | 22           |
| LIME .....   | 24           |
| MARL .....   | 25           |
| NATURAL AND ARTIFICIAL BRINES .....                                | 26           |
| PEAT .....   | 27           |
| SALT .....   | 30           |
| SAND AND GRAVEL .....  | 31           |
| Construction Sand and Gravel .....                                 | 33           |
| Industrial Sand .....  | 34           |
| STONE .....  | 35           |
| Limestone and Dolostone .....                                      | 35           |
| Sandstone and Other Miscellaneous Stone .....                      | 36           |
| SULFUR .....   | 39           |
| MINERAL PRODUCERS LISTED BY COUNTY .....                           | 40           |
| <b>SUMMARY</b> .....   | <b>40</b>    |
| <b>REFERENCES</b> .....  | <b>41</b>    |
| <b>TABLES</b> .....  | <b>.....</b> |
| TABLE 1.    SELECT MINERAL COMMODITIES BY GEOLOGICAL UNIT .....    | 10           |
| TABLE 2.    NUMBER OF PRODUCERS AND OPERATIONS BY COMMODITY .....  | 12           |
| TABLE 3.    MINERAL PRODUCTION SITES BY COMMODITY AND COUNTY ..... | 13           |
| TABLE 4.    IRON PRODUCERS .....                                   | 18           |
| TABLE 5.    NICKEL PRODUCERS .....                                 | 18           |
| TABLE 6.    CEMENT PRODUCERS .....                                 | 21           |
| TABLE 7.    SHALE PRODUCERS .....                                  | 21           |
| TABLE 8.    GYPSUM PRODUCERS .....                                 | 23           |
| TABLE 9.    LIME PRODUCERS .....                                   | 25           |
| TABLE 10.   PEAT PRODUCERS .....                                   | 28           |
| TABLE 11.   OPERATORS PRODUCING AND UTILIZING BEDDED SALT .....    | 30           |
| TABLE 12.   INDUSTRIAL SAND PRODUCERS .....                        | 35           |
| TABLE 13.   MISCELLANEOUS STONE PRODUCERS .....                    | 38           |
| <b>FIGURES</b> .....   | <b>.....</b> |
| FIGURE 1.   SIMPLIFIED GEOLOGIC MAP OF MICHIGAN .....              | 9            |
| FIGURE 2.   NUMBER OF MINERAL OPERATIONS BY COUNTY - 2015. ....    | 11           |
| FIGURE 3.   HISTORIC MICHIGAN COPPER RESOURCES .....               | 16           |
| FIGURE 4.   IRON AND NICKEL RESOURCES AND OPERATIONS - 2015 .....  | 17           |
| FIGURE 5.   CEMENT PLANTS - 2015 .....                             | 20           |
| FIGURE 6.   SHALE AND CLAY RESOURCES AND OPERATIONS - 2015 .....   | 22           |
| FIGURE 7.   GYPSUM OPERATIONS - 2015 .....                         | 24           |

|            |   |    |
|------------|---|----|
| FIGURE 8.  | NATURAL BRINE OPERATIONS - 2015 .....                           | 27 |
| FIGURE 9.  | PEAT RESOURCES AND OPERATIONS - 2015.....                       | 29 |
| FIGURE 10. | BEDDED SALT OPERATIONS - 2015 .....                             | 31 |
| FIGURE 11. | CONSTRUCTION SAND AND GRAVEL OPERATIONS BY COUNTY - 2015.....   | 32 |
| FIGURE 12. | INDUSTRIAL SAND OPERATIONS - 2015 .....                         | 34 |
| FIGURE 13. | LIMESTONE AND DOLOSTONE OPERATIONS - 2015.....                  | 36 |
| FIGURE 14. | SANDSTONE AND OTHER MISCELLANEOUS STONE OPERATIONS - 2015 ..... | 39 |

**APPENDICES** .....

|            |   |
|------------|---|
| APPENDIX A | LIST OF NATURAL BRINE PRODUCERS                                   |
| APPENDIX B | LIST OF CONSTRUCTION SAND AND GRAVEL OPERATIONS – PRIVATELY OWNED |
| APPENDIX C | LIST OF CONSTRUCTION SAND AND GRAVEL OPERATIONS – STATE OWNED     |
| APPENDIX D | LIST OF LIMESTONE AND DOLOSTONE PRODUCERS                         |
| APPENDIX E | MINERAL PRODUCERS LISTED BY COUNTY                                |

## INTRODUCTION

Michigan has a long, rich history of mineral exploration and production dating back to the mid-19<sup>th</sup> century. The state's many ports on the Great Lakes play an important role in the interstate and international trade of mineral products. Historically, the following commodities have been produced: copper, potash, manganiferous iron ore, sandstone (for building stone and grindstones), slate (for roofing), graphitic slate, decorative stone, coal, iodine, bromine, marl, gold, silver, sand and gravel, and oil and natural gas. Past exploration also located some traces of zinc minerals, diamonds, uranium, phosphate, tungsten, beryllium, and other minerals.

All 83 counties had some nonmetallic mineral production in 2015, and two counties had commercial levels of production of metallic minerals. The diversity of Michigan's commodity production currently includes 15 different minerals and mineral products, in addition to petroleum and natural gas. The U.S. Bureau of Economic Analysis estimated that Michigan's mining industry contributed about \$2.16 billion to the U.S. Gross Domestic Product in the fourth quarter of 2015 ([www.bea.gov/iTable/](http://www.bea.gov/iTable/)). This reportedly was 0.8 percent of the U.S. Gross Domestic Product at that time. In addition, the Michigan Department of Treasury (Treasury) valued oil and gas produced statewide in 2015 at just below \$600 million. However, a recent industry report valued the economic output of the oil and gas industry at \$13.6 billion, or three percent of the state's overall gross domestic product in 2015 (PSC Inc, 2016). Furthermore, rock and mineral collector hobbyists create a small additional demand for some of Michigan's minerals. Not all of these minerals are the same as those used by the industry, but they are collected throughout the state.

According to statistics from the Michigan Department of Technology, Management and Budget (MDTMB), employment in Michigan's mining industry exceeded 3,850 people in 2015. This employment figure may not include the large number of owner-operators involved in the mineral industry, nor does it include some processing phases, nor those people involved with the production of petroleum and natural gas. Information pertaining to the economic impacts and significance of Michigan's oil and gas industry can be obtained from the Michigan Oil and Gas Association ([www.michiganoilandgas.org](http://www.michiganoilandgas.org)).

When the last *Michigan Mineral Producers Directory* was released in 1979, there were more sources of data and production statistics, current and historical, available to be included in that report. For example, the former U.S. Bureau of Mines (USBM) had a two-person office in Michigan that collected Michigan mining information and statistics. Since then, the USBM has been eliminated and the national and international mining statistics are kept by a relatively small staff within the U.S. Geological Survey's (USGS) Washington, D.C. area office. Much of the statistical data is now reported on a voluntary basis to the USGS by private producers. Also, to prevent disclosure of private company information, production data (volumes and values) for certain commodities is lumped together so that individualized information is confidential.

Under Public Act (PA) 7 of 1911, Michigan was required to collect and maintain mineral production information. This requirement was repealed by PA 57 of 1995. Only metallic mineral information is collected for taxation purposes, and is kept confidential.

This 2015 Directory follows the format of the 1978 edition. Updates and revisions were included as needed. New information for this Directory came from several sources. Information provided by the USGS includes data from 2013 and 2015, as some data from the USGS is only available from 2013, and is used where no 2015 data was available. The combining of different sources of data and data from different years can lead to slightly different information from various sources based on how they report the data. The principal sources of new information for this report included the following:

- 1) U.S. Mine Safety and Health Administration (USMSHA): mine names and location (available on-line);
- 2) U.S. Geological Survey: mineral production and values;
- 3) Michigan Aggregates Association (MAA): location and commodity information;
- 4) MDNR, Office of Minerals Management (OMM): mine names, location, and commodity information;
- 5) Michigan Department of Environmental Quality (MDEQ) - Oil, Gas and Minerals Division (OGMD): oil and gas production statistics;
- 6) MDEQ, Air Quality Division (AQD): mine location information;
- 7) Michigan Department of Transportation (MDOT): mine names and location; and
- 8) A number of mineral producers were individually contacted to clarify their ownership, correct name, production, and/or location information.

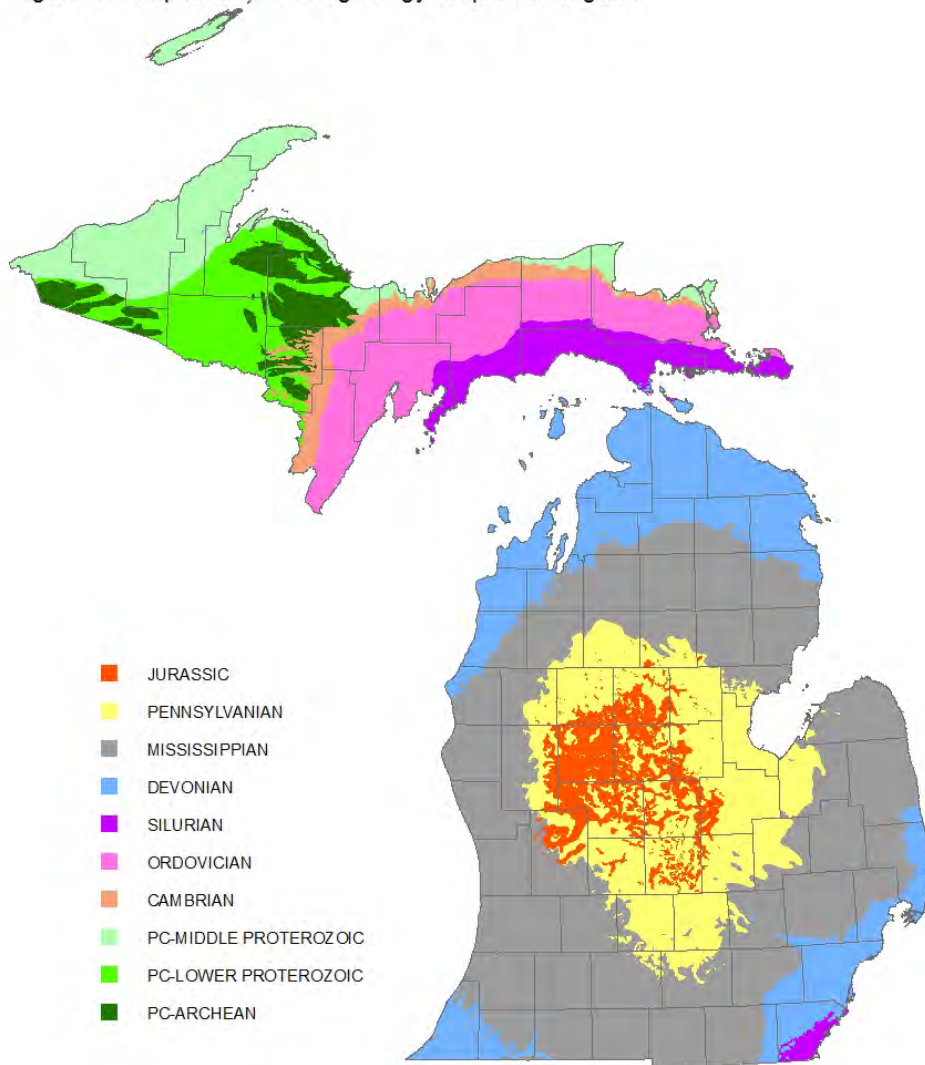
In the course of developing this report, the authors made their best attempt to ascertain the most accurate and detailed information possible for the location of mineral production operations. In the various mineral commodity listings provided throughout this report, the location of the operation, when known, is represented by at least a township and range description. The most recent operator could not be determined for many currently active, private sand and gravel operations. Therefore, the tabulated number of sand and gravel producers shown in Table 2 may be considered a minimum estimate.

## **Geologic Occurrence of Mineral Commodities**

Figure 1 shows a generalized view of Michigan's geologic formations. The Lower Peninsula and eastern Upper Peninsula can be generally characterized as a Paleozoic sedimentary basin with its center near the middle of the Lower Peninsula. The majority of the state's bedrock non-metallic mineral resources, as well as the hydrocarbon resources, are derived from this sequence of sedimentary rock formations that comprise the Michigan Basin.



Figure 1. Simplified bedrock geology map of Michigan .



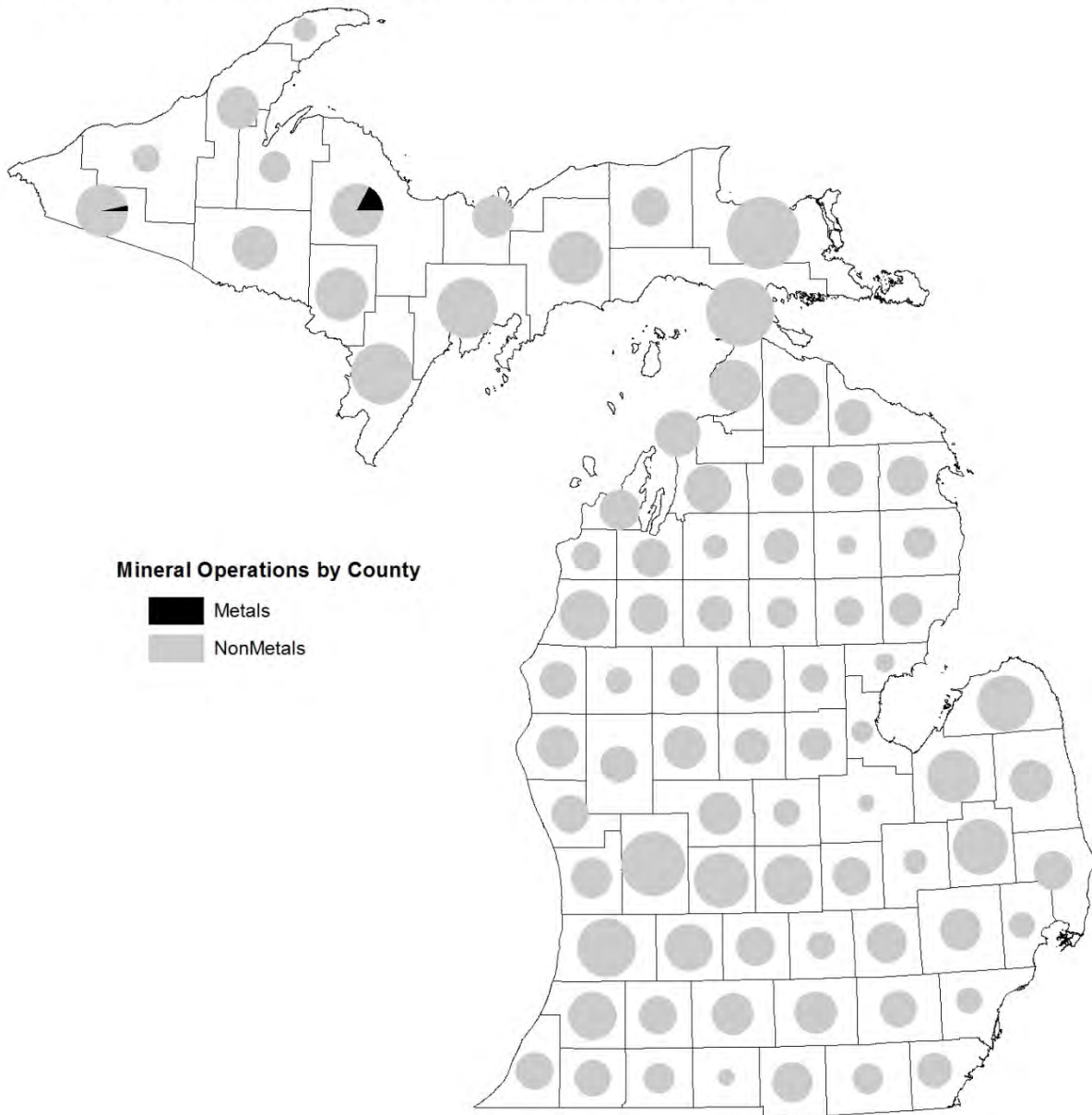
Bedrock in the western portion of the Upper Peninsula is made up of older (Precambrian and Cambrian age) sedimentary, igneous, and metamorphic rocks not genetically related to the Michigan Basin to the south and east. All of the economically significant metallic mineral deposits occur in these bedrock units. [Trace amounts of metals (e.g., gold) can be found in glacial drift across the state].

Most of the state’s bedrock is covered by Quaternary age glacial, glacio-fluvial, and lacustrine deposits, which are predominantly the source for the state’s vast sand and gravel resources. Table 1 shows select mineral commodities and the geologic unit(s) in which they occur.

**Table 1. Select Mineral Commodities by Geological Unit**

| <b>Commodity</b>  | <b>Geological System – Geologic Unit</b>   | <b>Example Operation</b>                                  |
|-------------------|--|---|
| Iron              | Precambrian, Paleoproterozoic – iron formations  | Cliffs Natural Resources – Tilden Mine – Marquette County |
| Nickel            | Precambrian, Paleoproterozoic – igneous intrusions   | Lundin Mining Corporation – Eagle Mine – Marquette County |
| Clay and Shale    | Paleozoic, Early Pennsylvanian – Saginaw Formation   | Forterra Brick – Shiawassee County                        |
|                   | Paleozoic, Late Devonian – Ellsworth and Antrim shales                                       | St. Marys Cement – Charlevoix County                      |
| Gypsum            | Paleozoic, Late Mississippian – Michigan Formation   | Michigan Gypsum Company – Iosco County                    |
| Natural Brines    | Paleozoic, Middle Devonian – Detroit River Group (includes Sylvania and/or Filer sandstones) | Martin Marietta Magnesia Specialties – Manistee County    |
| Peat              | Quaternary, Pleistocene to Recent  | Markman Peat Company – Mecosta County                     |
| Salt              | Paleozoic, Late Silurian – Salina Group  | Detroit Salt Company – Detroit Salt Mine – Wayne County   |
| Sand and Gravel   | Quaternary, Pleistocene to Recent  | See Appendix B  |
| Stone - Dolostone | Paleozoic, Middle Devonian – Detroit River Group   | Stoneco – Maybee Quarry – Monroe County                   |
|                   | Paleozoic, Late Silurian – Bass Islands Group  | Stoneco – Ottawa Lake Quarry – Monroe County              |
|                   | Paleozoic, Middle Silurian – Engadine Group  | Carmeuse Lime & Stone – Cedarville Quarry – Mackinac Co   |
|                   | Precambrian, middle Precambrian – Kona Dolomite  | A. Lindberg & Sons – 480 Pit – Marquette County           |
| Stone - Limestone | Paleozoic, Upper Mississippian – Bayport Limestone   | Bellevue Stone Products – Bellevue Quarry – Eaton County  |
|                   | Paleozoic, Middle Devonian – Traverse Group  | R.E. Glancy – Afton Quarry – Cheboygan County             |
|                   | Paleozoic, Middle Devonian – Rogers City Limestone   | Carmeuse Lime & Stone – Calcite Quarry                    |
|                   | Paleozoic, Middle Devonian – Dundee Limestone  | Carmeuse Lime & Stone – Calcite Quarry                    |
|                   | Paleozoic, Middle Silurian – Hendricks Formation, Fiborn Limestone Member                    | Graymont – Hendricks Quarry – Mackinac County             |

Figure 2. Number of active, non-fuel mineral operations by county.



## Mineral Production Data

As of the end of 2015, there were more than 600 metallic and nonmetallic mineral commodity producers and greater than 1,400 operations (mine sites) in Michigan (Table 2). As illustrated in Figure 2, mineral production is not uniformly distributed across the state, which is a function of the regional geology and, to a lesser extent, demand. Mineral commodity production data and operation locations were collected from multiple sources and cross-referenced where possible. According to USGS data, Michigan produced \$2.79 billion worth of metallic and nonmetallic mineral materials in 2015. Based on Treasury data, the value of oil and natural gas produced in Michigan in 2015 totaled more than \$582 million. According to data provided by the ODGM

Division of the MDEQ, oil and gas operators in Michigan produced more than 6,000,000 barrels of oil and sold more than 1 billion cubic feet of natural gas in 2015. Among mineral producing states, Michigan ranks 10<sup>th</sup> and 19<sup>th</sup> for production of non-fuel minerals and oil and gas, respectively (U.S. Bureau of Economic Analysis, [www.eia.gov](http://www.eia.gov)).

The number of existing operations reported here should be viewed as an estimate. Tables 2-4 list some mineral production statistics for the state for 2015.

**Table 2. Number of producers and operations by commodity in 2015.**

| <b>Mineral Commodity</b>                        | <b>Number of Producers</b> | <b>Number of Operations</b> |
|---|----------------------------|-----------------------------|
| Iron  | 4                          | 5                           |
| Other Metals (Nickel with some copper & cobalt) | 1                          | 1                           |
| Clay and Shale                                  | 3                          | 3                           |
| Gypsum  | 3                          | 3                           |
| Natural Brines                                  | 28                         | 62                          |
| Peat  | 3                          | 3                           |
| Salt  | 3                          | 4                           |
| Sand and Gravel                                 |                            |                             |
| Construction                                    | 557 <sup>#</sup>           | 1348 <sup>#</sup>           |
| Industrial                                      | 4                          | 5                           |
| Stone   |                            |                             |
| Limestone and Dolostone                         | 31 <sup>#</sup>            | 55 <sup>#</sup>             |
| Miscellaneous Stone                             | 2                          | 3                           |
| Sandstone                                       | 4                          | 4                           |
| Cement  | 2                          | 3                           |
| Lime  | 3                          | 6                           |
| Sulfur (oil refinery byproduct)                 | 1                          | 1                           |
| <b>Total</b>                                    | <b>606<sup>^</sup></b>     | <b>1465<sup>^</sup></b>     |

<sup>#</sup>Figures are approximate.

<sup>^</sup>Some operators produce multiple commodities from one site (e.g., limestone and sand & gravel).

**Table 3. Mineral production sites by commodity and county**

| County         | Iron Ore | Nickel | Limestone/Dol | Misc. Stone & Sandstone | Const. Sand and Gravel | Industrial Sand | Salt | Natural Brines | Peat | Gypsum | Clay and Shale | Lime | Cement | Sulfur | Total Mineral Production Sites <sup>#</sup> |
|----------------|----------|--------|---------------|-------------------------|------------------------|-----------------|------|----------------|------|--------|----------------|------|--------|--------|---|
| Alcona         |          |        |               |                         | 11                     |                 |      |                |      |        |                |      |        |        | 11  |
| Alger          |          |        | 2             |                         | 18                     |                 |      |                |      |        |                |      |        |        | 18  |
| Allegan        |          |        |               |                         | 36                     |                 |      |                |      |        |                |      |        |        | 36  |
| Alpena         |          |        | 4             |                         | 15                     |                 |      |                |      |        |                |      | 1      |        | 17  |
| Antrim         |          |        |               |                         | 23                     |                 |      |                |      |        |                |      |        |        | 23  |
| Arenac         |          |        | 2             |                         | 4                      |                 |      |                |      |        |                |      |        |        | 4   |
| Baraga         |          |        |               | 1                       | 9                      |                 |      |                |      |        |                |      |        |        | 10  |
| Barry          |          |        |               |                         | 24                     |                 |      |                |      |        |                |      |        |        | 24  |
| Bay            |          |        |               |                         | 2                      |                 |      | 2              |      |        |                | 1    |        |        | 5   |
| Benzie         |          |        |               |                         | 9                      |                 |      |                |      |        |                |      |        |        | 9   |
| Berrien        |          |        |               |                         | 15                     |                 |      |                |      |        |                |      |        |        | 15  |
| Branch         |          |        |               |                         | 3                      |                 |      |                |      |        |                |      |        |        | 3   |
| Calhoun        |          |        |               |                         | 15                     |                 |      | 3              |      |        |                |      |        |        | 18  |
| Cass           |          |        |               |                         | 14                     |                 |      |                |      |        |                |      |        |        | 14  |
| Charlevoix     |          |        | 2             |                         | 19                     |                 |      |                |      |        | 1              |      | 1      |        | 22  |
| Cheboygan      |          |        | 3             |                         | 27                     |                 |      |                |      |        |                |      |        |        | 27  |
| Chippewa       |          |        | 2             |                         | 52                     |                 |      |                |      |        |                |      |        |        | 54  |
| Clare          |          |        |               |                         | 17                     |                 |      | 2              |      |        |                |      |        |        | 19  |
| Clinton        |          |        |               |                         | 26                     |                 |      |                |      |        |                |      |        |        | 26  |
| Crawford       |          |        |               |                         | 12                     |                 |      | 1              |      |        |                |      |        |        | 13  |
| Delta          |          |        | 5             |                         | 36                     |                 |      |                |      |        |                |      |        |        | 38  |
| Dickinson      |          |        |               |                         | 29                     |                 |      |                |      |        |                |      |        |        | 29  |
| Eaton          |          |        | 2             |                         | 13                     |                 |      | 1              |      |        |                |      |        |        | 16  |
| Emmet          |          |        |               |                         | 27                     |                 |      |                |      |        |                |      |        |        | 27  |
| Genesee        |          |        |               |                         | 6                      |                 |      |                |      |        |                |      |        |        | 6   |
| Gladwin        |          |        |               |                         | 8                      |                 |      |                |      |        |                |      |        |        | 8   |
| Gogebic        | 1        |        |               |                         | 27                     |                 |      |                |      |        |                |      |        |        | 28  |
| Grand Traverse |          |        |               |                         | 15                     |                 |      |                |      |        |                |      |        |        | 15  |
| Gratiot        |          |        |               |                         | 7                      |                 |      | 1              |      |        |                |      |        |        | 8   |
| Hillsdale      |          |        |               |                         | 17                     |                 |      |                |      |        |                |      |        |        | 17  |
| Houghton       |          |        |               |                         | 19                     |                 |      |                |      |        |                |      |        |        | 19  |
| Huron          |          |        | 1             |                         | 29                     |                 |      | 3              |      |        |                | 1    |        |        | 33  |
| Ingham         |          |        |               |                         | 5                      |                 |      | 3              |      |        |                |      |        |        | 8   |
| Ionia          |          |        |               |                         | 32                     |                 |      |                |      |        |                |      |        |        | 32  |
| Iosco          |          |        |               |                         | 8                      |                 |      |                |      | 3      |                |      |        |        | 11  |
| Iron           |          |        |               |                         | 21                     |                 |      |                |      |        |                |      |        |        | 21  |
| Isabella       |          |        |               |                         | 13                     |                 |      |                |      |        |                |      |        |        | 13  |
| Jackson        |          |        |               | 1                       | 18                     |                 |      |                |      |        |                |      |        |        | 19  |
| Kalamazoo      |          |        |               |                         | 15                     |                 |      |                |      |        |                |      |        |        | 15  |
| Kalkaska       |          |        |               |                         | 5                      |                 |      | 1              |      |        |                |      |        |        | 6   |
| Kent           |          |        |               |                         | 41                     |                 |      | 2              |      |        |                |      |        |        | 43  |
| Keweenaw       |          |        |               |                         | 6                      |                 |      |                |      |        |                |      |        |        | 6   |
| Lake           |          |        |               |                         | 7                      |                 |      |                |      |        |                |      |        |        | 7   |
| Lapeer         |          |        |               |                         | 30                     |                 |      | 2              |      |        |                |      |        |        | 32  |

Table 3. Continued.

| County              | Iron Ore | Nickel   | Limestone/Dol | Sandstone & Misc. Stone | Const. Sand and Gravel | Industrial Sand | Bedded Salt | Natural Brines | Peat     | Gypsum   | Clay and Shale | Lime     | Cement   | Sulfur   | Total Mineral Production Sites <sup>#</sup> |
|---------------------|----------|----------|---------------|-------------------------|------------------------|-----------------|-------------|----------------|----------|----------|----------------|----------|----------|----------|---|
| Leelanau            |          |          | 1             |                         | 16                     |                 |             |                |          |          |                |          |          |          | 17  |
| Lenawee             |          |          |               |                         | 9                      |                 |             | 1              |          |          |                |          |          |          | 10  |
| Livingston          |          |          |               |                         | 14                     |                 |             | 2              | 1        |          |                |          |          |          | 17  |
| Luce                |          |          |               |                         | 15                     |                 |             |                |          |          |                |          |          |          | 15  |
| Mackinac            |          |          | 6             |                         | 45                     | 1               |             |                |          |          |                |          |          |          | 48  |
| Macomb              |          |          |               |                         | 5                      |                 |             | 2              |          |          |                |          |          |          | 7   |
| Manistee            |          |          |               |                         | 14                     |                 | 1           | 11             |          |          |                |          |          |          | 26  |
| Marquette           | 4        | 1        | 1             | 2                       | 24                     |                 |             |                |          |          |                |          |          |          | 29  |
| Mason               |          |          |               |                         | 2                      | 1               |             | 11             |          |          |                |          |          |          | 14  |
| Mecosta             |          |          |               |                         | 18                     |                 |             |                | 1        |          |                |          |          |          | 19  |
| Menominee           |          |          | 3             |                         | 39                     |                 |             |                |          |          |                |          |          |          | 39  |
| Midland             |          |          |               |                         | 6                      |                 |             | 5              |          |          |                |          |          |          | 11  |
| Missaukee           |          |          |               |                         | 12                     |                 |             | 1              |          |          |                |          |          |          | 13  |
| Monroe              |          |          | 7             | 2                       | 13                     |                 |             |                |          |          | 1              |          |          |          | 13  |
| Montcalm            |          |          |               |                         | 19                     |                 |             |                |          |          |                |          |          |          | 19  |
| Montmorency         |          |          |               |                         | 13                     |                 |             |                |          |          |                |          |          |          | 13  |
| Muskegon            |          |          |               |                         | 13                     | 2               |             |                |          |          |                |          |          |          | 15  |
| Newaygo             |          |          |               |                         | 14                     |                 |             |                |          |          |                |          |          |          | 14  |
| Oakland             |          |          |               |                         | 15                     |                 |             | 3              |          |          |                |          |          |          | 18  |
| Oceana              |          |          |               |                         | 18                     |                 |             |                |          |          |                |          |          |          | 18  |
| Ogemaw              |          |          |               |                         | 9                      |                 |             |                |          |          |                |          |          |          | 9   |
| Ontonagon           |          |          |               |                         | 8                      |                 |             |                |          |          |                |          |          |          | 8   |
| Osceola             |          |          |               |                         | 7                      |                 | 1           | 2              |          |          |                |          |          |          | 10  |
| Oscoda              |          |          |               |                         | 4                      |                 |             |                |          |          |                |          |          |          | 4   |
| Otsego              |          |          |               |                         | 10                     |                 |             |                |          |          |                |          |          |          | 10  |
| Ottawa              |          |          |               |                         | 17                     |                 |             |                |          |          |                |          |          |          | 17  |
| Presque Isle        |          |          | 3             |                         | 14                     |                 |             |                |          |          |                |          |          |          | 14  |
| Roscommon           |          |          |               |                         | 10                     |                 |             |                |          |          |                |          |          |          | 10  |
| Saginaw             |          |          |               |                         | 3                      |                 |             |                |          |          |                |          |          |          | 3   |
| St. Clair           |          |          |               |                         | 15                     |                 | 1           |                |          |          |                |          |          |          | 16  |
| St. Joseph          |          |          |               |                         | 10                     |                 |             |                |          |          |                |          |          |          | 10  |
| Sanilac             |          |          |               |                         | 18                     |                 |             |                |          |          |                | 1        |          |          | 19  |
| Schoolcraft         |          |          | 10            |                         | 22                     |                 |             |                |          |          |                | 1        |          |          | 30  |
| Shiawassee          |          |          |               |                         | 13                     |                 |             |                | 1        |          | 1              |          |          |          | 15  |
| Tuscola             |          |          |               |                         | 26                     |                 |             | 2              |          |          |                | 1        |          |          | 29  |
| Van Buren           |          |          |               |                         | 24                     |                 |             |                |          |          |                |          |          |          | 24  |
| Washtenaw           |          |          |               |                         | 13                     |                 |             | 1              |          |          |                |          |          |          | 14  |
| Wayne               |          |          | 1             | 1                       |                        | 1               | 1           |                |          |          |                | 1        | 1        | 1        | 7   |
| Wexford             |          |          |               |                         | 16                     |                 |             |                |          |          |                |          |          |          | 16  |
| <b>State Totals</b> | <b>5</b> | <b>1</b> | <b>55</b>     | <b>7</b>                | <b>1,348</b>           | <b>5</b>        | <b>4</b>    | <b>62</b>      | <b>3</b> | <b>3</b> | <b>3</b>       | <b>6</b> | <b>3</b> | <b>1</b> | <b>1,465</b>                                |

<sup>#</sup>Figures adjusted to account for the fact that some sites produce multiple commodities (see Table 2 and Appendix E).

## **METALLIC MINERALS**

Metallic minerals commercially produced in Michigan in 2015 included iron ore and nickel, along with minor amounts of copper, cobalt, and precious metals (gold and platinum group metals). The six metallic mineral operations that were identified as active in 2015 consisted of two mines (one nickel and one iron ore) located in Marquette County and four iron mine reclamation ("secondary recovery") operations in Marquette and Gogebic counties. Due to geologic conditions, all of Michigan's current and past metallic mineral production is located in the western half of the Upper Peninsula (figures 2 and 3).

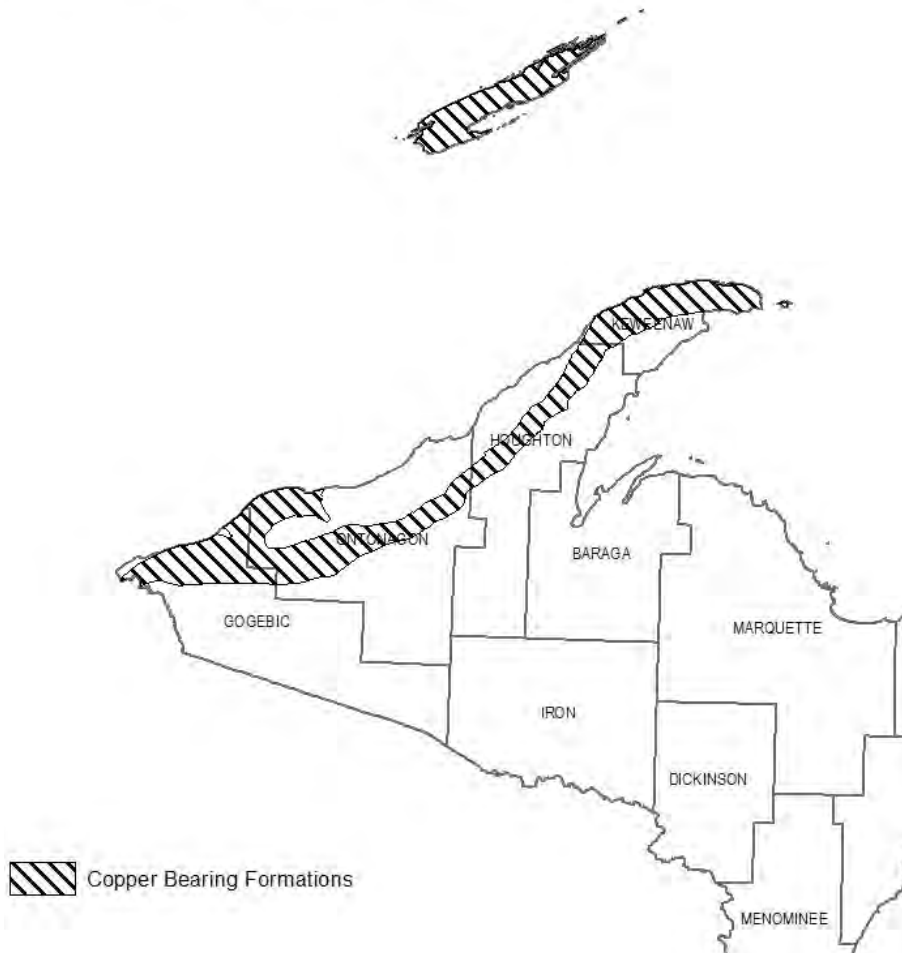
### **Copper**

Copper was first mined in Michigan by prehistoric cultures. Evidence of some of these early extraction efforts is reportedly still visible in parts of the Keweenaw Peninsula ("Copper Country") today. Native American artifacts made of copper from the Upper Peninsula have been found in many states and are believed to have been widely traded across North America.

Modern day copper mining began in 1845. Many of the "new" mines were actually started by people who located some of the old pits dug by Native Americans. A large number of mines were started between 1845 and 1925, but few of them were financial successes. However, the state did lead the nation in copper production for many years. There were many underground copper mines located in Houghton, Keweenaw and Ontonagon counties. All production in the region ended in the late 1960's, except at the White Pine Mine, which remained in operation until 1995. No active primary copper mines exist in Michigan at this time. However, Michigan remains a vast storehouse of copper mineralization. Currently, some copper is recovered in association with the nickel ore produced at Eagle Mine in Marquette County. There has been some copper exploration in Houghton, Keweenaw, Ontonagon and Gogebic counties over the past few years. This activity may lead to a resurgence of copper mining in the future.

Total reserves of copper in Michigan, as reported by Dr. John T. Wilband of the Department of Geosciences, Michigan State University in 1978, are in the range of 19.5 billion pounds. The amount of this to be mined in the future depends upon the price of copper and the type of mining method used. As the price of copper rises or with advances in technology (in both mining and processing), lower grade mineralized rock (copper-bearing minerals, as opposed to native copper) may become economical to mine.

Figure 3. Extent of native copper resources in Michigan.



### Iron Ore

Iron ore was first mined in Michigan beginning around 1845, and was still being produced in the state at the time of writing this report. Over the years, many underground mines and a few surface (open-pit) mines were developed in three main districts, or iron ranges. The three districts are the Marquette Range, the Menominee Range and the Gogebic Range, and their extensions (Figure 4). The number of mines varied over the years from many to a few, depending partially on the need for iron ore.

All of the iron ore now being produced is sent through an ore improvement process. Most of the ore mined is low grade (30 to 40 percent iron) and is concentrated into pellets containing over 60 percent iron. The iron and steel manufacturing industry has adapted to the use of this pelletized ore.

For many years, Michigan iron mines were taxed on the value of their shipments based on an ore content of 51.5 percent iron, referred to in the industry as "Old Range Non-Bessemer" ore. Michigan law was revised in 2012, and the actual iron content of the iron ore pellets is now the basis for the taxation of the shipments.

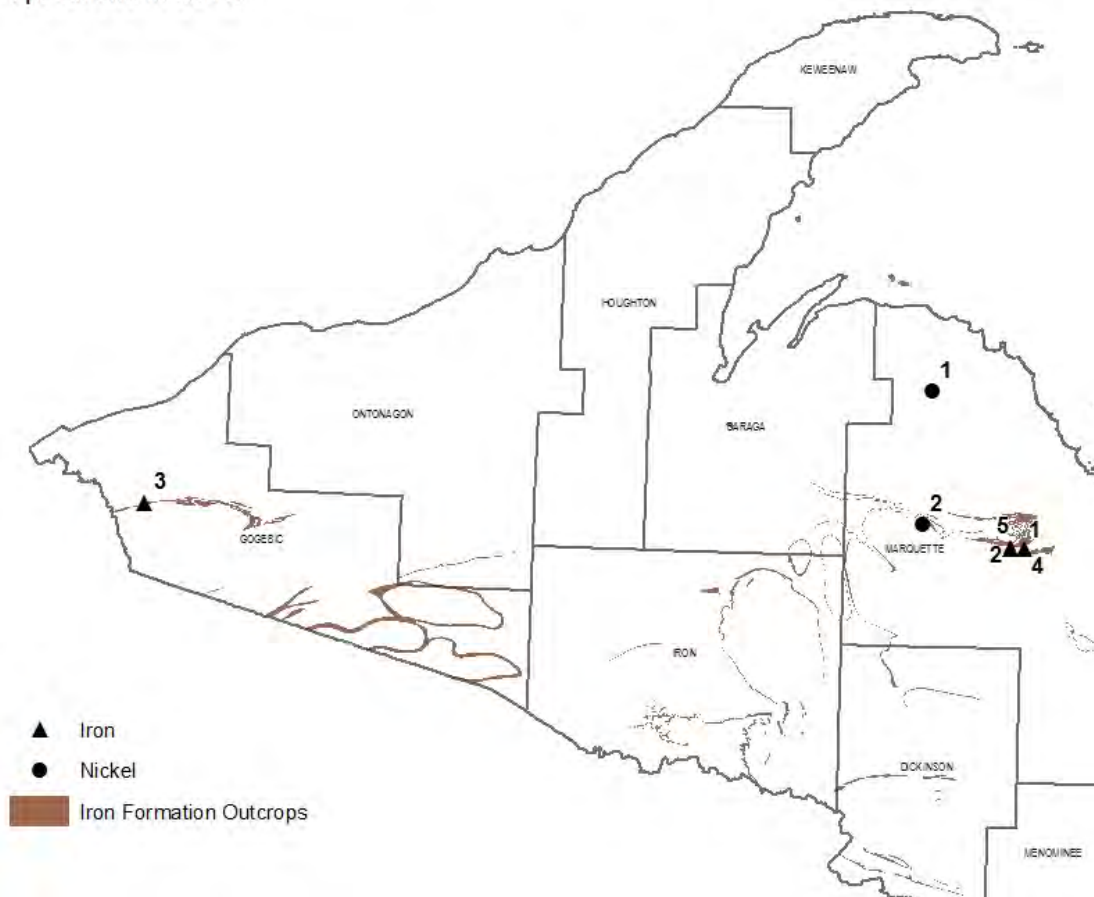


Two iron ore mines were still in operation in Michigan up through 2015 and during the first half of 2016 (Table 4). The Tilden and Empire mines are both large, open-pit mines located in Marquette County. The Empire Mine closed in August of 2016. There are also ancillary iron mining operations at the Empire and Tilden mines, where taconite (iron ore) pellet stockpiles are screened to remove fine-grained material too small to ship. At the former Ironton Mine in Gogebic County, iron ore (hematite) is being removed from old iron ore stockpiles.

## Nickel

Eagle Mine, in Michigamme Township, Marquette County, began production in 2015. The mine is located about 28 miles northwest from Marquette (Figure 4 and Table 5), and produces high-grade nickel and copper with minor amounts of other metallic minerals. The ore that is produced at the mine is hauled approximately 65 miles (105 km) to the Humboldt Mill for separation and concentrating. The concentrates are then shipped to Canada for smelting. The deposit was discovered and initially developed by Rio Tinto-Kennecott, who then sold its interests to Lundin Mining Corporation, the current owner and operator. Additional exploration for similar nickel-bearing deposits in the area continues.

Figure 4. Locations of active metallic mineral (primarily iron and nickel) operations in 2015.



**Table 4.** Iron producers in Michigan, as of 2015.

| Map No. | Owner/Operator                  | Office Address  | Range/<br>District | Operation<br>Name | Operation<br>Type     | Status       | Location                     |
|---------|---------------------------------|---|--------------------|-------------------|-----------------------|--------------|------------------------------|
| 1       | A. Lindberg & Sons, Inc.        | 599 N Washington St., Ishpeming, MI 49849             | Marquette          | Empire Crushing   | Portable Screen Plant | Intermittent | T47N, R26W, Marquette County |
| 2       | A. Lindberg & Sons, Inc.        | 599 N Washington St., Ishpeming, MI 49849             | Marquette          | Tilden Crushing   | Portable Screen Plant | Active       | T47N, R27W, Marquette County |
| 3       | Bessemer Iron Ore Company, Inc. | 2062 US 131 S, Petoskey, MI 49770                     | Gogebic            | Ironton Mine      | Surface Mine          | Intermittent | T47N, R46W, Gogebic County   |
| 4       | Cliffs Natural Resources, Inc.  | 101 Tilden Mine Rd., Co. Rd. PEE, Ishpeming, MI 49849 | Marquette          | Empire Mine       | Surface Mine          | Inactive     | T47N, R26W, Marquette County |
| 5       | Cliffs Natural Resources, Inc.  | 101 Tilden Mine Rd., Co. Rd. PEE, Ishpeming, MI 49849 | Marquette          | Tilden Mine       | Surface Mine          | Active       | T47N, R27W, Marquette County |

**Table 5.** Nickel operations in Michigan, as of 2015.

| Map No. | Owner/Operator                                | Office Address                          | Range/<br>District | Operation<br>Name | Operation<br>Type | Status | Location                     |
|---------|---|---|--------------------|-------------------|-------------------|--------|------------------------------|
| 1       | Lundin Mining Corporation;<br>Eagle Mine, LLC | 4547 County Rd. 601, Champion, MI 49814 | Marquette          | Eagle Mine        | Underground Mine  | Active | T50N, R29W, Marquette County |

## **Other Metals**

Before 1900, there were several gold prospects, a few gold mines, at least one short-lived manganese mine, and a number of silver prospects located in the western Upper Peninsula. One of the gold mines was re-opened and produced during the late 1980's and early 1990's. As mineral exploration activity continues and with future potential advances in exploration and development technology, it is possible that more economic deposits of metallic minerals will be found within the state.

Exploration in Menominee County has led to the start of the permitting process for a new mine (Back Forty Project) proposed for an area west of Stephenson. If developed, the mine owners, Aquila Resources Inc., are expected to produce gold, zinc, and minor amounts of copper and silver. The mine is projected to produce 17.75 million tons of combined mineral resources over the 16-year life of the mine, of which 13.78 million tons will be from open-pit operations and potential for an additional 3.97 million tons from underground mining.

## **NONMETALLIC MINERALS AND MINERAL PRODUCTS**

Nonmetallic minerals are an important part of Michigan's mineral industry. Nonmetallic minerals and mineral commodities produced in 2015 include construction sand and gravel, industrial sand, natural brines, salt, limestone/dolostone, miscellaneous stone and sandstone, gypsum, clay and shale, peat, sulfur, lime, and cement. While both lime and cement are processed materials, they have historically been included with the raw nonmetallic minerals.

Extraction of nonmetallic minerals takes place in all 83 of Michigan's counties. This is due, in part, to the wide variety of commodities in this category and their various geologic occurrences. Thus, nonmetallic minerals affect part of the economy in every county of the state.

### **Cement**

Cement, like lime, is a manufactured mineral product that is reported with nonmetallic mineral production. Simply, Portland cement is made by combining five parts of limestone and one part of shale or clay. The mixture is ground to a powder and passed through a rotary kiln, which is fired to a temperature of approximately 1500°C. In the kiln, the materials form into gray, round masses that emerge as hardened "clinkers". The clinkers are then ground to a powder and combined with ground gypsum. Additional ingredients are added to form various other types of cement for specific uses such as masonry cement.

Michigan currently has three operating cement plants (Figure 5 and Table 6). Two of the plants are located adjacent to their limestone quarries and one receives all of its raw materials from pits and quarries located elsewhere.

Figure 5. Locations of Michigan cement production in 2015.



**Table 6.** Cement producers in Michigan, as of 2015.

| Map No. | Owner/Operator         | Office Address                            | Operation Name   | Operation Type         | Status | Location                              |
|---------|------------------------|---|------------------|------------------------|--------|---------------------------------------|
| 1       | Lafarge North America  | 1435 Ford Ave., Alpena, MI 49707          | Alpena Plant     | Surface Mine and Plant | Active | T31N, R8E, Alpena County              |
| 2       | St. Marys Cement, Inc. | 16000 Bells Bay Rd., Charlevoix, MI 49720 | St. Marys Cement | Surface Mine and Plant | Active | T33N, R8W & T34N, R8W, Charlevoix Co. |
| 3       | St. Marys Cement, Inc. | 9333 Dearborn Ave., Detroit, MI 48209     | St. Marys Cement | Plant                  | Active | T2S, R11E, Wayne County               |

## Shale

Shale is mined by three companies in Michigan (Table 7). One company mines it for use as an ingredient in making cement, another for manufacturing bricks, and the third for use in earth work and landfill projects. Years ago there were many more shale and clay mining operations. The materials were used to produce such items as bricks, drain tile, sewer pipe, flue linings, and flower pots. However, changes in technology and building style and rising prices of fuel and transportation costs have all contributed to a decline in the shale mining industry.

Michigan has vast resources of clay and shale that could be utilized if new economic uses are discovered for it. Figure 6 shows the known areas of clay and shale resources in Michigan and active mine locations.

**Table 7.** Shale and clay producers in Michigan, as of 2015.

| Map No. | Owner/Operator         | Office Address                            | Operation Name           | Operation Type         | Status | Location                              |
|---------|------------------------|---|--------------------------|------------------------|--------|---------------------------------------|
| 1       | Forterra Brick, LLC    | 3820 E. Serr Rd., Corunna, MI 48817       | Corunna Plant            | Surface Mine and Plant | Active | T7N, R3E, Shiawassee Co.              |
| 2       | St. Marys Cement, Inc. | 16000 Bells Bay Rd., Charlevoix, MI 49720 | St. Marys Cement         | Surface Mine and Plant | Active | T33N, R8W & T34N, R8W, Charlevoix Co. |
| 3       | Sylvania Minerals, LLC | 5699 Ready Rd., South Rockwood, MI 48179  | Sylvania Minerals Quarry | Surface Mine           | Active | T5S, R10E Monroe County               |

Figure 6. Approximate extent of known clay and shale resources in Michigan and locations of active production operations in 2015.



## Gypsum

Gypsum is an evaporite mineral that forms in some lakes and seas and can form thick bedded deposits that are mineable. Historically, gypsum has been mined in both Kent and Iosco counties. In 2015, mining of gypsum was restricted to three mines in Iosco County (Table 8 and Figure 7). Some of the past reported uses of gypsum from Michigan are: 1) manufacturing of plaster wall board, 2) additive in manufacture of Portland cement, 3) agricultural uses (e.g., soil treatment), and 4) decorative stone (alabaster).

The majority of the gypsum mined in Michigan is used for the manufacture of construction materials. Thus, the rate of mining is strongly tied to the economy and health of the building industry. Many fluctuations have occurred in the production rate and value of gypsum in Michigan since mining began in 1860.

Michigan has historically been a leading producer of gypsum in the U.S., ranking first or second in the nation for the value of gypsum produced for most years from 1930 until the turn of the century. Production data for 2015 were not available to compare among all the producing states.

Table 8 lists the names and addresses for the gypsum companies operating in Michigan in 2015, along with the general mine locations.

**Table 8.** Gypsum producers in Michigan, as of 2015.

| Map No. | Owner/Operator           | Office Address                                     | Operation Name        | Operation Type         | Status | Location                  |
|---------|--------------------------|--|-----------------------|------------------------|--------|---------------------------|
| 1       | Michigan Gypsum Co.      | 2840 Bay Rd.,<br>Saginaw, MI 48603                 | Britt Road Pit & Mill | Surface Mine and Plant | Active | T21N R6E,<br>Iosco County |
| 2       | National Gypsum Co.      | 2375 S. National City Rd., National City, MI 48748 | Tawas Quarry          | Surface Mine           | Active | T22N R6E,<br>Iosco County |
| 3       | United States Gypsum Co. | 1550 Gypsum Rd.,<br>Tawas City, MI 48763           | Alabaster Plant       | Surface Mine and Plant | Active | T21N R7E,<br>Iosco County |

Figure 7. Locations of active gypsum production operations in 2015.



## Lime

Lime is a mineral product that is produced by heating limestone or dolostone in a kiln. In this process, carbon dioxide gas is released, and calcium oxide (and magnesium oxide, in the case of dolostone), also known as quicklime, is the end product. Lime has traditionally been produced for the following uses: 1) chemical, agricultural, and industrial uses, 2) water purification and softening, 3) sewage and industrial waste treatment (including neutralization of waste acids), 4) food products, and 5) paper and pulp making (as bleach and filler).



In 1977, the USBM ranked Michigan fifth among 41 producing states for both the quantity and the value of lime produced. That year, there were a total of 161 lime plants operating across the country.

Current lime producing companies are listed in Table 9. Four of the six lime producing operations in Michigan in 2015 were owned by one sugar manufacturing company, Michigan Sugar Company. They use lime and CO<sub>2</sub> in the processing of sugar beets.

The USGS 2015 preliminary figures for lime show Michigan produced 510,000 metric tons, valued at \$61.6 million, which ranked 12<sup>th</sup> out of 33 lime-producing states.

**Table 9.** Lime producers in Michigan, as of 2015.

| Map No. | Owner/Operator                | Office Address                              | Operation Name        | Operation Type | Status | Location                         |
|---------|-------------------------------|---|-----------------------|----------------|--------|----------------------------------|
| 1       | Carmeuse Lime and Stone, Inc. | 25 Marion Ave.,<br>River Rouge, MI 48218    | River Rouge Facility  | Plant          | Active | City of Detroit,<br>Wayne County |
| 2       | Graymont Western Lime, Inc.   | 181 W County Rd.<br>432, Gulliver, MI 49840 | Port Inland Lime Kiln | Plant          | Active | T41N, R13W,<br>Schoolcraft Co.   |
| 3       | Michigan Sugar Co.            | 2600 S Euclid Ave.,<br>Bay City, MI 48706   | Bay City Plant        | Plant          | Active | T14N, R5E,<br>Bay County         |
| 4       | Michigan Sugar Co.            | 819 Peninsular St.,<br>Caro, MI 48723       | Caro Plant            | Plant          | Active | T12N, R9E,<br>Tuscola County     |
| 5       | Michigan Sugar Co.            | 159 S Howard St.,<br>Croswell, MI 48422     | Croswell Plant        | Plant          | Active | T10N, R16E,<br>Sanilac County    |
| 6       | Michigan Sugar Co.            | 947 Pine St.,<br>Sebewaing, MI 48759        | Sebewaing Plant       | Plant          | Active | T15N, R9E,<br>Huron County       |

## Marl

Marl is an unconsolidated mixture of clay and calcium carbonate that is deposited in water bodies. As a consequence of its glacial history, Michigan has a large number of existing and former lakes, which constitute an abundant source of marl. Marl is not currently being mined in Michigan. But, at one time, there were many marl producers in the state. Marl was used in Michigan for the manufacture of cement and lime and as an ingredient in tooth powder, scouring powder, and paints.

## **Natural and Artificial Brines**

Natural brines are naturally occurring salty waters that often occupy the pore space of rocks in the earth's crust. These waters contain varying amounts of calcium, magnesium, sodium, and chloride, plus minor quantities of potassium, bromine, iodine, and lithium. The natural discharge of these fluids at the earth's surface is referred to as a salt spring. Mineral deposits around such points of discharge were sources of salt (sodium chloride) for wild animals, Native Americans, and early European settlers.

When Michigan achieved statehood in 1837, one of the first acts of the legislature was to create the Michigan State Geological Survey to locate and study salt springs so that adequate supplies of salt could be developed for the people of the state. The early growth was rapid. Saginaw County, the center of Michigan's natural brine industry, experienced an expansion from 1 producer in 1860 to 136 producers by 1886. Figure 8 shows the current distribution of active natural brine production operations across the state.

When natural brines are evaporated and sodium chloride precipitates, a solution of more soluble constituents, called bittern, remains. The bitterns are rich in calcium and magnesium chloride, bromide, and iodide, and are considered an impurity in salt manufacturing. The bittern byproduct was once a characteristic that detracted from the use of natural brines for salt production but was later considered a benefit by the chemical industry.

Artificial brine is obtained by injecting fresh water down wells drilled into bedded salt deposits. The water dissolves the salt and forms a brine solution, which is pumped back to the earth's surface and evaporated. Because this brine is more concentrated in sodium chloride, lower fuel costs are realized per ton of salt produced than that experienced with natural brines. There is no known production of artificial brines in Michigan currently.

Brines are also used for dust control, ice control, and stabilization of unpaved roads. Several county road commissions operate one or more brine wells for these purposes. Oil well operations produce natural brine as a byproduct. Some of these operations used to supply brine for road application also. The majority of oilfield brines are returned to the earth's crust through brine disposal wells or for use in water flooding operations to enhance oil recovery.

In the late 1970's, Michigan ranked first in the U.S. in the production of calcium chloride and magnesium compounds from natural brines. It ranked second in the production of bromine and iodine, being one of only two states producing the latter. Appendix A lists the natural brine producers throughout the state. In 2015, Michigan's natural brine statistics were withheld as proprietary information, so its current ranking among national producers is not known.

Figure 8. Locations of natural brine production wells active in 2015.



## Peat

Peat is an organic-rich soil that forms as a result of accumulation and decay of various plant materials in stagnant, anoxic waters over a period of thousands of years. Historically, across the globe, peat has been used as a fuel. In 1979, the U.S. Department of Energy funded the evaluation of fuel-grade peat deposits in six states including Michigan. A grant was given to the Michigan Energy and Resource Research Association to contract with the School of Forestry and Wood Products of Michigan Technological University to study the state's peat resources. The study continued through part of 1980 and was expected to determine the quantity and

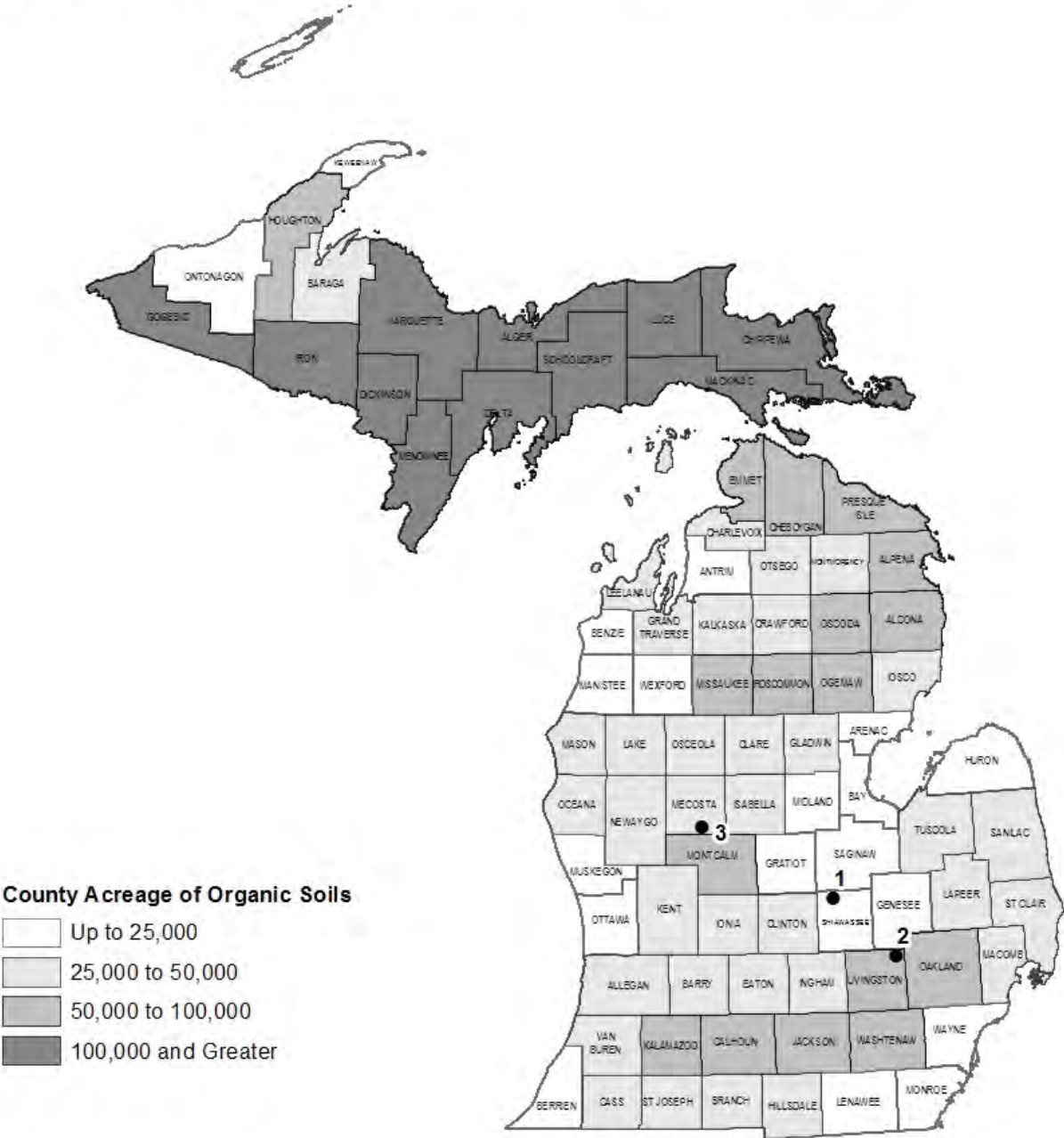
location of available fuel-grade peat. However, peat has not been used as a fuel in Michigan. Its present use is confined to soil conditioning in agriculture and horticulture.

In the past, Michigan was a leader in peat production in the country. Yet, in 2015, there were only three active peat producers remaining in the state (Table 10). Michigan’s 2015 peat production statistics (and its national ranking) were not available for public release. Figure 9 displays the location of the current peat operations and the approximate acreages of organic soils in the 83 counties of the state. It should be noted that not all organic soils meet the organic content requirements of peat.

**Table 10.** Peat producers in Michigan, as of 2015.

| Map No. | Owner/Operator              | Office Address                          | Operation Name        | Operation Type         | Status | Location                  |
|---------|-----------------------------|---|-----------------------|------------------------|--------|---------------------------|
| 1       | Al-Par Peat Co.             | 15900 W Henderson Rd., Elsie, MI 48831  | Henderson Road Pit    | Surface Mine and Plant | Active | T8N, R2E, Shiawassee Co.  |
| 2       | Bentley Sand and Gravel Co. | 9220 Bennett Lake Rd., Fenton, MI 48430 | Bennett Lake Road Pit | Surface Mine           | Active | T4N, R6E, Livingston Co.  |
| 3       | Markman Peat Co.            | 9467 Jefferson Rd., Lakeview, MI 48850  | Jefferson Road Pits   | Surface Mine           | Active | T13N, R8W, Mecosta County |

Figure 9. Organic soil resources in Michigan and locations of peat production operations active in 2015.



## Salt

Bedded salt deposits have been utilized as a source of sodium chloride in Michigan since 1881 when salt was first discovered during the drilling of an unsuccessful oil and gas well in the town of Manistee. Shortly thereafter, salt was also discovered in St. Clair County in 1882. Bedded salt quickly replaced natural brine as the primary source of sodium chloride production in the state. The higher sodium chloride content of the bedrock salt formations makes it more economical to utilize and there is much less waste in the processing.

Bedded salt is extracted by two different methods in Michigan: room and pillar mining and solution mining (Table 11). The Detroit Salt Company uses the room and pillar method to mine salt from beneath the city of Detroit at a depth of approximately 1,100 feet (Figure 10). Since 1910, many million tons of salt have been produced from this mine.

In solution mining, wells are drilled into a bedded salt formation. Water is then pumped down into the formation, dissolving the salt and producing a brine solution. The brine is subsequently pumped back to the surface where the water is evaporated and salt is precipitated. Two companies, Cargill and Morton International, operate three solution mining operations in Michigan (Table 11 and Figure 10).

Salt production and value statistics were not available from the USGS to include in this report.

**Table 11.** Operators in Michigan producing or utilizing bedded salt, as of 2015.

| Map No. | Owner/Operator             | Office Address                            | Operation Name     | Operation Type   | Status | Location                      |
|---------|----------------------------|---|--------------------|------------------|--------|-------------------------------|
| 1       | Cargill, Inc.              | 916 S Riverside Ave., St. Clair, MI 48079 | St. Clair Facility | Solution Mining  | Active | T5N, R17E, St. Clair County   |
| 2       | Cargill, Inc.              | 1395 135th Ave., Hersey, MI 49639         | Hersey Facility    | Solution Mining  | Active | T17N, R9W, Osceola County     |
| 3       | Detroit Salt Co., LLC      | 12841 Sanders St., Detroit, MI 48217      | Detroit Salt Mine  | Underground Mine | Active | City of Detroit, Wayne County |
| 4       | Morton International, Inc. | 180 6th St., Manistee, MI 49660           | Manistee Facility  | Solution Mining  | Active | T21N, R17W, Manistee County   |

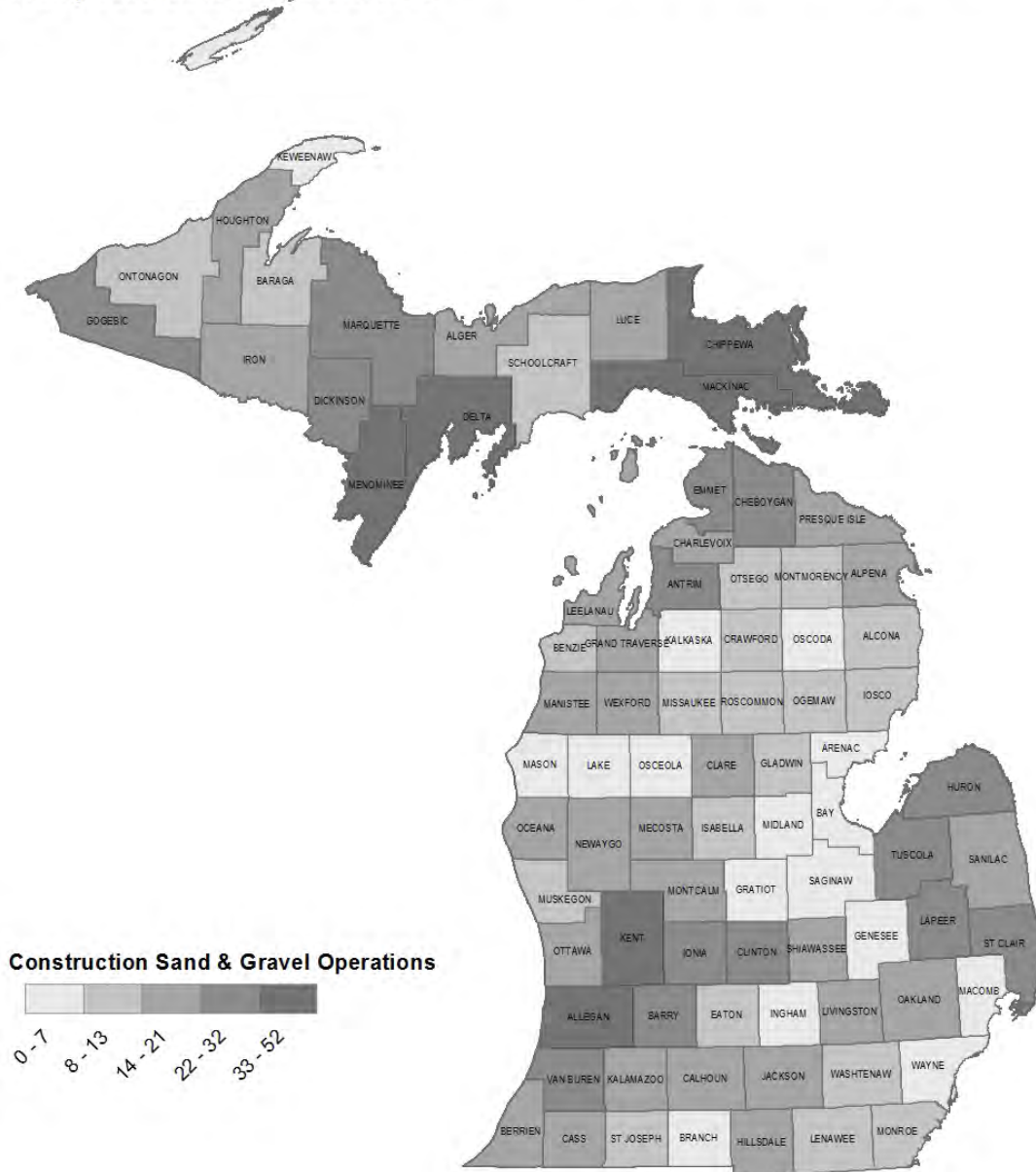
Figure 10. Locations of active salt production operations from bedrock formations in 2015.



### Sand and Gravel

Two distinct types of sand and gravel operations are recognized in Michigan: construction sand and gravel and industrial sand. Both are important nonmetallic mineral commodities in Michigan, but the vast majority of operations in the state consist of construction sand and gravel producers.

Figure 11. Numbers of construction sand and gravel extraction operations in each county believed to be active in 2015.



Construction sand and gravel is mainly used in the construction of roadways and building foundations. Industrial sands, depending on purity, grain size and shape, are used for the production of foundry molding, glass making, sand blasting, and hydraulic fracturing during oil and gas development. Michigan consistently ranks in the top tiers in the U.S. in the value of sand and gravel produced annually. Based on USGS figures for Michigan, about 45.7 million metric tons of sand and gravel, valued at \$359 million, were produced in 2015.



The unconsolidated sediments that cover the surface of much of the state were deposited by glaciers as they retreated across Michigan at the end of the last glacial period. These sediments consist of gravel, sand, silt, and clay of varying thickness. Meltwater from the retreating glaciers and wave action along the shores of the Great Lakes has eroded, sorted, and redeposited some of this glacial material, and the prevailing westerly winds have built large sand dunes along the western coast of the state. The coarser deposits are targeted for construction sand and gravel. Dune sand and some quartz sandstones are often a good source for industrial sand.

### ***Construction Sand and Gravel***

According to data from the USGS, about 44.2 million metric tons of construction sand and gravel, valued at \$247 million, were produced in Michigan in 2015, ranking 5<sup>th</sup> out of all 50 states in terms of production. Production rates of sand and gravel tend to track levels of construction, especially of roads.

Sand and gravel is a relatively heavy and bulky commodity. However, the commodity's per ton value is low, so the cost of transportation becomes very important. Thus, the distance between the source pit and the location where it is used is usually kept to a minimum. Abundant, quality sand and gravel deposits, however, are not equally distributed across the state and are not always located close to population centers where demand is the greatest. Furthermore, as urban areas expand, they can build over usable sand and gravel deposits, forcing construction mineral materials to be sourced from more distant sites. Therefore, costs associated with production of sand and gravel can vary greatly depending upon location.

Appendix B provides a list of construction sand and gravel operations identified on private land in the state. The sites are listed by county and include information on the most recent operator, if known. The authors attempted to create a comprehensive list, but we expect that some sites were likely missed and others that are listed as active may no longer be active or the operator may have changed.

Appendix C lists known sand and gravel pits located on state lands. Figure 11 shows a representation of the distribution of sand and gravel operations across the state. Some sand and gravel operations also exist on federal lands within the state.

Figure 12. Locations of industrial sand production operations in 2015.



**Industrial Sand**

Michigan's production of industrial sand in 2015 totaled 1.59 million metric tons, valued at \$112 million, per USGS data. Both the reported volume and the value were increases from the previous year. Table 12 and Figure 12 show the current producers in Michigan. The industrial sand mining operations in Michigan have produced material from several types of deposits. These include: 1) sand dunes along the Lake Michigan shore and some inland dunes; 2) glacial outwash or other deposits sorted by meltwater; 3) high-purity, consolidated (bedrock) sandstone; 4) and, in the past, sand dredged out of Saginaw Bay.

**Table 12.** Industrial sand operations in Michigan, as of 2015.

| Map No. | Owner/Operator            | Office Address                              | Operation Name   | Operation Type         | Status       | Location                 |
|---------|---------------------------|---|------------------|------------------------|--------------|--------------------------|
| 1       | Sand Products Corporation | W5021 US 2, Moran Twp, MI 49760             | Pointe North Pit | Surface Mine           | Intermittent | T42N, R6W, Mackinac Co.  |
| 2       | Sargent Sand Company      | 6105 Jefferson Ave., Midland, MI 48640      | Ludington Pit    | Surface Mine           | Active       | T19N, R18W, Mason County |
| 3       | Nugent Sand Company, Inc. | 2925 Lincoln St., Muskegon, MI 49441        | Lincoln St. Pit  | Surface Mine and Plant | Active       | T9N, R17W, Muskegon Co.  |
| 4       | Nugent Sand Company, Inc. | 4912 Russell Rd., Muskegon, MI 49445        | Russell Rd. Pit  | Surface Mine and Plant | Active       | T11N, R16W, Muskegon Co. |
| 5       | US Silica Company         | 20837 N Huron River Dr., Rockwood, MI 48173 | Rockwood Plant   | Surface Mine and Plant | Active       | T5S, R10E, Wayne County  |

## Stone

This category includes the commodities of limestone and dolostone (dolomite), sandstone, and miscellaneous stone. The USGS indicated Michigan's total crushed stone production in 2015 amounted to 33.9 million metric tons, valued at \$258 million. Based on volume, Michigan ranked 17<sup>th</sup> out of 50 states that produced crushed stone.

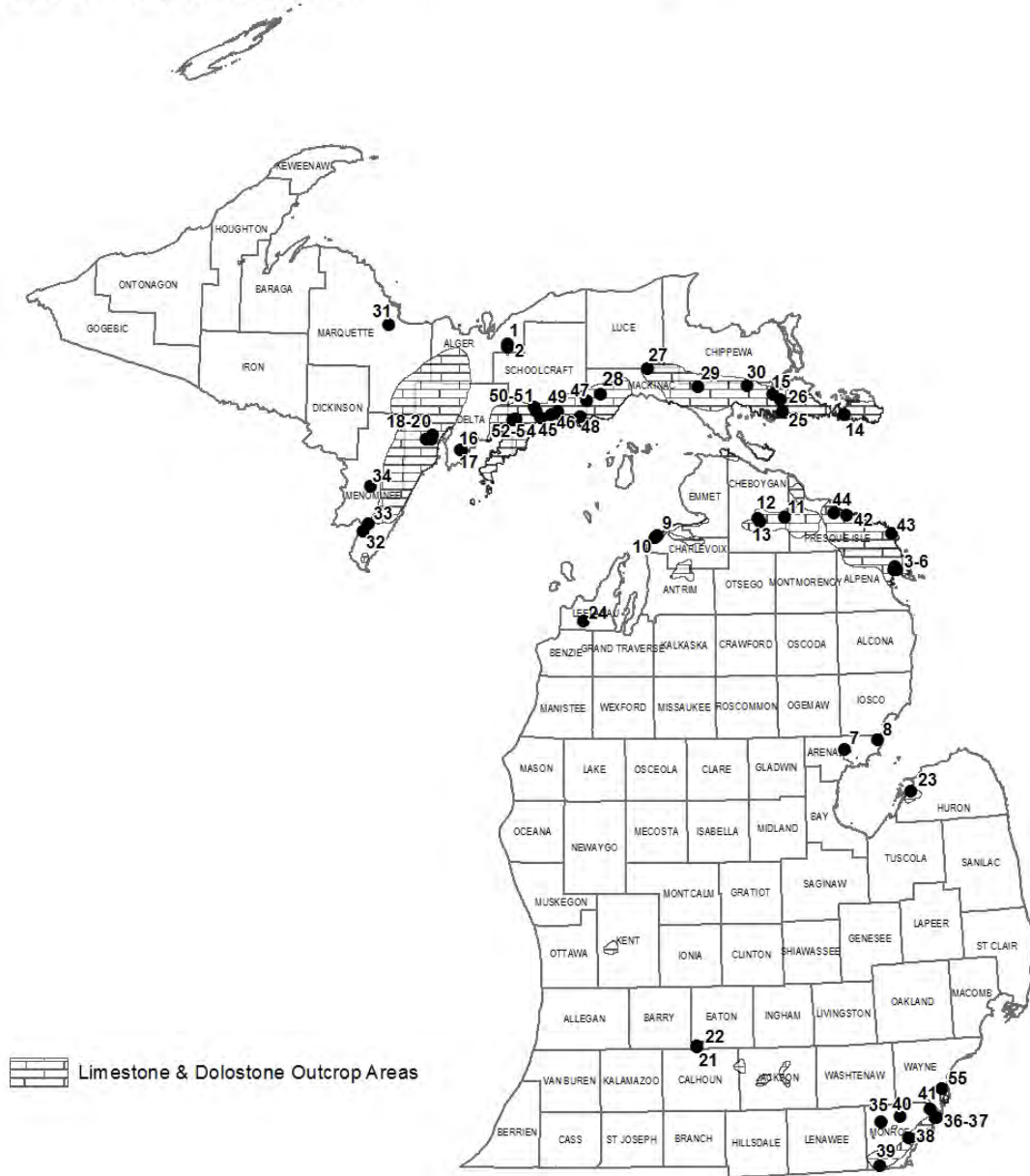
### *Limestone and Dolostone*

The bulk of the crushed stone produced in Michigan in 2015 is attributed to limestone and dolostone production. [Dolomite is the predominant mineral comprising dolostone, whereas calcite is the primary mineral in limestone. The term dolomite is frequently used to refer to both rock and mineral. In this report, we chose to use the rock name.] Michigan had at least 31 companies producing from approximately 55 active limestone and dolostone quarries in 2015 (Figure 13 and Appendix D). Limestone and dolostone quarries in Michigan range in size from greater than five square miles to less than five acres. At one time, the O-N Minerals quarry at Rogers City was considered to be the largest limestone quarry in the country. Most of the larger limestone and dolostone quarries are located along the shores of lakes Michigan and Huron, which allows less expensive boat transportation of the processed stone to various markets. Many smaller quarries are scattered throughout the state wherever good limestone or dolostone occurs near the land surface in an area of possible economic use.

Limestone and dolostone are quarried for a number of uses in Michigan. The greatest demand is for crushed stone for use in construction and road aggregate, flux stone for steel making, and raw material for making cement and lime. Other uses include riprap and dimension building

stone. Some areas of the Upper Peninsula are sources for high-purity limestone and dolostone, which have a number of specialized industrial uses and are considered more valuable than lower-grade carbonate rocks mined elsewhere in the state.

Figure 13. Limestone and dolostone resources in Michigan and locations of quarries believed to be active in 2015.



### ***Sandstone and Other Miscellaneous Stone***

From the late 19<sup>th</sup> to early 20<sup>th</sup> century, there were a number of sandstone quarries located in the Upper Peninsula that produced brown and red dimensional sandstone blocks from the Jacobsville Sandstone that were used for decorative building fronts. In southern Michigan, sandstone was formerly quarried for the manufacture of grindstones. These grindstones were

sold all around the world, but the industry closed down with the advent of carborundum (silicon carbide) abrasives. Sandstone is currently mined in Michigan for rough dimensional stone, crushed stone, and industrial uses (Table 13).

Currently, in the Upper Peninsula, some iron mine waste rock is processed for use in road maintenance. Periodically, marble is mined in the Upper Peninsula, mainly for use as landscape aggregate. In the recent past, some igneous and metamorphic rocks were also mined. These rocks were actually waste products from old copper mines that were processed for construction aggregate, decorative stone, and terrazzo material. Around the turn of the 20<sup>th</sup> century, both serpentine-bearing rocks and slate were also produced. The dark green serpentine was desired for ornate dimension stone such as building fronts and soda fountains. Slate was used to make roofing shingles. Miscellaneous stone also includes waste rock from previous metallic mineral mining operations (Table 13 and Figure 14).

**Table 13.** Sandstone and other miscellaneous stone operations in Michigan, as of 2015.

| Map No. | Owner/Operator              | Office Address                             | Material Mined       | Product Use         | Operation Name           | Operation Type       | Status   | Location  |
|---------|-----------------------------|--|----------------------|---------------------|--------------------------|----------------------|----------|---|
| 1       | A. Lindberg & Sons, Inc.    | 599 Washington St, Ishpeming, MI 49849     | Iron Mine Waste Rock | Crushed Stone       | Empire Crushing*         | Portable Plant       | Active   | T47N, R27W Marquette County                       |
| 2       | A. Lindberg & Sons, Inc.    | 599 Washington St, Ishpeming, MI 49849     | Iron Mine Waste Rock | Crushed Stone       | Tilden Crushing*         | Portable Plant       | Active   | T47N, R27W Marquette County                       |
| 3       | Great Lakes Aggregates, LLC | 5699 Ready Rd, South Rockwood, MI 48179    | Sandstone            | Crushed Stone       | Armstrong Road Quarry    | Surface Mine         | Active   | Sec 18, T5S, R10E Monroe County                   |
| 4       | Napoleon Stone, LLC         | 338 Austin Rd, Napoleon, MI 49261          | Sandstone            | Dimension Stone     | Napoleon Stone Quarry    | Surface Mine         | Active   | Sec 31, T3S, R2E & Sec 6, T4S, R2E Jackson County |
| 5       | O'Dovero Properties         | 110 Airport Rd, Negaunee, MI 49866         | Iron Mine Waste Rock | Crushed Stone       | Ohio Mine                | Surface Mine         | Inactive | Sec 22, T48N, R31W Baraga County                  |
| 6       | US Silica Company           | 20837 N Huron River Dr, Rockwood, MI 48173 | Sandstone            | Industrial Sand     | Rockwood Plant           | Surface Mine & Plant | Active   | Sec 15, T5S, R10E Wayne County                    |
| 7       | Sylvania Minerals, LLC      | 5699 Ready Rd, South Rockwood, MI 48179    | Sandstone            | Glass Manufacturing | Sylvania Minerals Quarry | Surface Mine         | Active   | Sec 17, T5S, R10E Monroe County                   |

\* Also see Table 5.

Figure 14. Locations of sandstone and other miscellaneous stone production operations in 2015.



## Sulfur

Some native sulfur crystals are found in vugs in dolostone rock within the Detroit River Group, of Middle Devonian age, in parts of southeastern Michigan. However, no mining of sulfur has ever occurred in Michigan. The only commercially produced sulfur in Michigan has been a byproduct of oil refinery operations. Michigan's only oil refinery is the Marathon Petroleum Corporation's refinery near I-75 in southwest Detroit. According to the U.S. Energy Information Administration, at the time of writing this report, the Detroit refinery had a sulfur production capacity of 459 short tons per day (<http://www.eia.gov/petroleum/refinerycapacity/table4.pdf>).

## **Mineral Producers Listed By County**

All known commercial mineral producers in the state are listed by county in Appendix E. The authors provided this breakdown as another way of viewing the compiled data and to allow quick reference to the types of commodities and number of producers in each county.

## **SUMMARY**

The diversity of mineral resources produced in Michigan currently includes 15 categories of metallic and nonmetallic minerals and mineral products, in addition to petroleum and natural gas. Nearly all 83 counties had some non-metallic mineral production and two counties produced metallic minerals in 2015. During the year, there were roughly 550 producers and in the range of 1,300 metallic and nonmetallic mineral production operations throughout the state. Employment in Michigan's mining industry exceeded 3,850 people in 2015.

Michigan produced \$2.79 billion worth of metallic and nonmetallic materials in 2015. Michigan's 2015 statewide production of oil and natural gas was worth more than \$580 million. Estimates indicate that Michigan's mining industry accounted for about \$2.53 billion of the U.S. Gross Domestic Product in the fourth quarter of 2014, which was 2.6 percent of the U.S. Gross Domestic Product at that time.

Michigan has seen some renewed interest in metallic mineral exploration and mining in recent years, and potential exists for additional new discoveries of solid minerals and oil and gas within the state. If commodity prices rise, there are further advances in technology, and/or additional scientific research efforts, the state could see increases in mineral exploration and production in the future.



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For additional information on mineral resources on state-administered land or leasing of state-owned mineral rights, visit the Office of Minerals Management website at:

<https://www.michigan.gov/dnr/managing-resources/minerals>



## **Appendix A**

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### List of Natural Brine Producers

**Appendix A.** Alphabetical List of Natural Brine Producers in Michigan, as of 2015.

| <b>Map No.</b> | <b>Owner/Operator</b>             | <b>Office Address</b>                       | <b>Operation Type</b> | <b>Location</b>                       |
|----------------|-----------------------------------|---|-----------------------|---------------------------------------|
| 1              | American Materials, LLC           | 3626 Elkart Rd., Goshen, IN 46526           | Well                  | Sec 13, T21N, R17W<br>Manistee County |
| 2              | American Materials, LLC           | 3626 Elkart Rd., Goshen, IN 46526           | Well                  | Sec 18, T21N, R16W<br>Manistee County |
| 3              | Beckman Production Services, Inc. | P.O. Box 670, Kalkaska, MI 49646            | Well                  | Sec 17, T20N, R8W<br>Osceola County   |
| 4              | Cargill, Inc.                     | 1395 135th Ave., Hersey, MI 49639           | Well                  | Sec 26, T17N, R9W<br>Osceola County   |
| 5              | Chloride Holdings, LLC            | 672 M-52, Webberville, MI 48892             | Well                  | Sec 1, T9N, R10E<br>Lapeer County     |
| 6              | Crawford County Road Commission   | 500 Huron St., Grayling, MI 49738           | Well                  | Sec 19, T25N, R4W<br>Crawford County  |
| 7              | Dart Oil and Gas Corporation      | 600 Dart Rd., P.O. Box 177, Mason, MI 48854 | Well                  | Sec 30, T20N, R6W<br>Clare County     |
| 8              | Dart Oil and Gas Corporation      | 600 Dart Rd., P.O. Box 177, Mason, MI 48854 | Well                  | Sec 22, T19N, R3W<br>Clare County     |
| 9              | Dart Oil and Gas Corporation      | 600 Dart Rd., P.O. Box 177, Mason, MI 48854 | Well                  | Sec 36, T22N, R7W<br>Missaukee County |
| 10             | Eaton County Road Commission      | 1112 Reynolds Rd., Charlotte, MI 48813      | Well                  | Sec 22, T3N, R6W<br>Eaton County      |

**Appendix A.** continued.

| <b>Map No.</b> | <b>Owner/Operator</b>                     | <b>Office Address</b>                                    | <b>Operation Type</b> | <b>Location</b>                       |
|----------------|---|--|-----------------------|---------------------------------------|
| 11             | EMA Development, LLC                      | 3947 N. US 131, P.O. Box 1030,<br>Kalkaska, MI 49646     | Well                  | Sec 16, T28N, R6W<br>Kalkaska County  |
| 12             | General Motors                            | 3300 General Motors Rd., Milford, MI<br>48380            | Well                  | Sec 12, T2N, R6E<br>Livingston County |
| 13             | Geologix, Inc.                            | 288 S. Adams St., P.O. Box 1334,<br>Birmingham, MI 48012 | Well                  | Sec 13, T2N, R13E<br>Macomb County    |
| 14             | Ivy Mineral Water, LLC                    | 19500 Victor Parkway, Suite 350, Livonia,<br>MI 48152    | Well                  | Sec 27, T3N, R3E<br>Livingston County |
| 15             | Lenawee County Road Commission            | 2461 Treat Hwy, Adrian, MI 48221                         | Well                  | Sec 21, T5S, R1E<br>Lenawee County    |
| 16             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660   | Well &<br>Plant       | Sec 18, T21N R16W<br>Manistee County  |
| 17             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660   | Well                  | Sec 22, T21N, R16W<br>Manistee County |
| 18             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660   | Well                  | Sec 28, T21N, R16W<br>Manistee County |
| 19             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660   | Well                  | Sec 29, T21N, R16W<br>Manistee County |
| 20             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660   | Well                  | Sec 30, T21N, R16W<br>Manistee County |

**Appendix A.** continued.

| <b>Map No.</b> | <b>Owner/Operator</b>                     | <b>Office Address</b>                                  | <b>Operation Type</b> | <b>Location</b>                       |
|----------------|---|--|-----------------------|---------------------------------------|
| 21             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 35, T21N, R17W<br>Manistee County |
| 22             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 36, T21N, R17W<br>Manistee County |
| 23             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 36, T21N, R17W<br>Manistee County |
| 24             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 6, T20N, R16W<br>Mason County     |
| 25             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 18, T20N, R16W<br>Mason County    |
| 26             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 1, T20N, R17W<br>Mason County     |
| 27             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 2, T20N, R17W<br>Mason County     |
| 28             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 4, T20N, R17W<br>Mason County     |
| 29             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 8, T20N, R17W<br>Mason County     |
| 30             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 10, T20N, R17W<br>Mason County    |

**Appendix A.** continued.

| <b>Map No.</b> | <b>Owner/Operator</b>                     | <b>Office Address</b>                                  | <b>Operation Type</b> | <b>Location</b>                     |
|----------------|---|--|-----------------------|-------------------------------------|
| 31             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 10, T20N, R17W<br>Mason County  |
| 32             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 13, T20N, R17W<br>Mason County  |
| 33             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 15, T20N, R17W<br>Mason County  |
| 34             | Martin Marietta Magnesia Specialties, LLC | 1800 Eastlake Rd., P.O. Box 398,<br>Manistee, MI 49660 | Well                  | Sec 23, T20N, R17W<br>Mason County  |
| 35             | Michigan Chloride Sales, LLC              | 402 W. Jackson Rd., St. Louis, MI 48880                | Well                  | Sec 24, T13N, R2W<br>Midland County |
| 36             | Michigan Chloride Sales, LLC              | 402 W. Jackson Rd., St. Louis, MI 48880                | Well                  | Sec 26, T13N, R2W<br>Midland County |
| 37             | Michigan Chloride Sales, LLC              | 402 W. Jackson Rd., St. Louis, MI 48880                | Well                  | Sec 27, R13N, R2W<br>Midland County |
| 38             | Michigan Chloride Sales, LLC              | 402 W. Jackson Rd., St. Louis, MI 48880                | Well                  | Sec 28, T13N, R2W<br>Midland County |
| 39             | Michigan Mineral Resources, LLC           | P.O. Box 364, Albion, MI 49224                         | Well                  | Sec 15, T1S, R5W<br>Calhoun County  |
| 40             | Michigan Mineral Resources, LLC           | P.O. Box 364, Albion, MI 49224                         | Well                  | Sec 15, T1S, R5W<br>Calhoun County  |

**Appendix A.** continued.

| <b>Map No.</b> | <b>Owner/Operator</b>                   | <b>Office Address</b>                       | <b>Operation Type</b> | <b>Location</b>                       |
|----------------|---|---|-----------------------|---------------------------------------|
| 41             | Morton Salt, Inc.                       | 180 Sixth St., Manistee, MI 49660           | Well                  | Sec 14, T21N, R17W<br>Manistee County |
| 42             | Mt. Clemens Mineral Spring Company, LLC | 30134 S. River Rd., Harrison Twp, MI 48045  | Well                  | Sec 13, T2N, R13E<br>Macomb County    |
| 43             | Muskegon Development Company            | 1425 S. Mission Rd., Mt. Pleasant, MI 48858 | Well                  | Sec 8, T14N, R3E<br>Bay County        |
| 44             | Muskegon Development Company            | 1425 S. Mission Rd., Mt. Pleasant, MI 48858 | Well                  | Sec 8, T14N, R3E<br>Bay County        |
| 45             | Oakland County Road Commission          | 31001 Lahser Rd., Beverley Hills, MI 48025  | Well                  | Sec 12, T2N, R7E<br>Oakland County    |
| 46             | Oakland County Road Commission          | 31001 Lahser Rd., Beverley Hills, MI 48025  | Well                  | Sec 3, T4N, R8E<br>Oakland County     |
| 47             | Omimex Energy, Inc.                     | 4854 W. Angling Rd., Ludington, MI 49431    | Well                  | Sec 21, T1N, R2W<br>Ingham County     |
| 48             | Omimex Energy, Inc.                     | 4854 W. Angling Rd., Ludington, MI 49431    | Well                  | Sec 21, T1N, R2W<br>Ingham County     |
| 49             | Omimex Energy, Inc.                     | 4854 W. Angling Rd., Ludington, MI 49431    | Well                  | Sec 35, T2N, R2W<br>Ingham County     |
| 50             | Plains LPG Services, LP                 | 6050 Alden Nash Ave., Alto, MI 49302        | Well                  | Sec 3, T5N, R9W<br>Kent County        |



**Appendix A.** continued.

| <b>Map No.</b> | <b>Owner/Operator</b>          | <b>Office Address</b>  | <b>Operation Type</b> | <b>Location</b>                      |
|----------------|--------------------------------|--|-----------------------|--------------------------------------|
| 51             | Plains LPG Services, LP        | 6050 Alden Nash Ave., Alto, MI 49302                         | Well                  | Sec 3, T5N, R9W<br>Kent County       |
| 52             | Road Maintenance Corporation   | 550 E. Leonard Rd, Leonard, MI 48367                         | Well                  | Sec 12, T5N, R11E<br>Oakland County  |
| 53             | S & M Liquid Tire Fill, Inc.   | 19808 M-66 N., Battle Creek, MI 49017                        | Well                  | Sec 21, T1S, R7W<br>Calhoun County   |
| 54             | Summit Petroleum Corporation   | 1315 S. Mission Rd., Mt. Pleasant, MI 48804                  | Well                  | Sec 26, T15N, R2E<br>Midland County  |
| 55             | Sumner Energy, Inc.            | 10 E. Bridge St., Suite 20, P.O. Box 560, Rockford, MI 49341 | Well                  | Sec 12, T11N, R4W<br>Graftiot County |
| 56             | Thumb Products, Inc.           | 525 E. Soper Rd., Bad Axe, MI 48413                          | Well                  | Sec 20, T15N, R11E<br>Huron County   |
| 57             | Thumb Products, Inc.           | 525 E. Soper Rd., Bad Axe, MI 48413                          | Well                  | Sec 34, T17N, R15E<br>Huron County   |
| 58             | Thumb Products, Inc.           | 525 E. Soper Rd., Bad Axe, MI 48413                          | Well                  | Sec 20, T18N, R13E<br>Huron County   |
| 59             | Tuscola County Road Commission | 1733 S. Mertz Rd., Caro, MI 48723                            | Well                  | Sec 34, T11N, R8E<br>Tuscola County  |
| 60             | Tuscola County Road Commission | 1733 S. Mertz Rd., Caro, MI 48723                            | Well                  | Sec 21, T14N, R10E<br>Tuscola County |

**Appendix A.** continued.

| <b>Map No.</b> | <b>Owner/Operator</b>            | <b>Office Address</b>                  | <b>Operation Type</b> | <b>Location</b>                     |
|----------------|----------------------------------|--|-----------------------|-------------------------------------|
| 61             | Washtenaw County Road Commission | 555 N. Zeeb Rd., Ann Arbor, MI 48103   | Well                  | Sec 6, T1S, R3E<br>Washtenaw County |
| 62             | Wilkinson Corporation, The       | 8290 N. Lapeer Rd., Mayville, MI 48744 | Well                  | Sec 21, T10N, R10E<br>Lapeer County |

**Appendix B**

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Construction Sand and Gravel Operations on Private Property

**Appendix B.** Privately-owned sand and gravel operations listed by county.

**ALCONA**

| <b>Owner/Operator</b>       | <b>Office Address</b>                     | <b>Operation Name</b>    | <b>Pit Location</b>                      |
|-----------------------------|---|--------------------------|--|
| Lincoln Sand & Gravel, Inc. | 3025 E Carbide Dr., Harrisville, MI 48740 | Johnson                  | SE NW, Sec 7,<br>T26N, R9E               |
| R.E. Glancy, Inc.           | 124 M-55, Tawas City, MI 48764            | Glancy #1                | E/2 NE & SW<br>NE/4, Sec 3,<br>T25N, R9E |
| Rock Island Excavating      | 6660 Gillard Rd, Spruce, MI 48762         | Smith                    | N/2 SW, Sec 3,<br>T28N, R8E              |
| Werner Sand & Gravel        | 6457 Bennett Rd, Hubbard Lake, MI 49747   | Bennett Road (Werner #2) | N/2 NE, Sec 11,<br>T28N, R7E             |
| Unknown                     | Unknown                                   | Co. Rd. Comm. #4         | E/2 SE, Sec 11,<br>T26N, R9E             |
| Unknown                     | Unknown                                   | Cummings (Schultz)       | NE SE, Sec 25,<br>T27N, R7E              |
| Unknown                     | Unknown                                   | Baker Road               | NW NE, Sec 34,<br>T25N, R6E              |
| Unknown                     | Unknown                                   | Troy                     | NE NE, Sec 2,<br>T28N, R8E               |
| Unknown                     | Unknown                                   | Gohl                     | NW SW, Sec 1,<br>T28N, R8E               |
| Unknown                     | Unknown                                   | Hansen Road              | W/2 NW, Sec 14,<br>T28N, R8E             |
| Unknown                     | Unknown                                   | Barlow Road              | NE NE, Sec 24,<br>T27N, R8E              |

**ALGER**

| <b>Owner/Operator</b>   | <b>Office Address</b>                  | <b>Operation Name</b> | <b>Pit Location</b>           |
|-------------------------|--|-----------------------|-------------------------------|
| A Lindberg & Sons, Inc. | 599 Washington St, Ishpeming, MI 49849 | Lindberg Quarry       | E/2 SE, Sec 24,<br>T46N, R18W |
| A Lindberg & Sons, Inc. | 599 Washington St, Ishpeming, MI 49849 | Norman Oil Co.        | NW NE, Sec 2,<br>T45N, R21W   |

**ALGER**

| <b>Owner/Operator</b>    | <b>Office Address</b>                      | <b>Operation Name</b> | <b>Status</b>                 |
|--------------------------|--|-----------------------|-------------------------------|
| Bed Rock Quarry, Inc.    | 10502W Government Rd, Manistique, MI 49854 | Bed Rock Quarry       | NE SE, Sec 13, T46N, R18W     |
| Payne & Dolan, Inc.      | 801 Clark Dr., Gladstone, MI 49837         | Boyer                 | SE SE, Sec 19, T44N, R21W     |
| Smith Construction, Inc. | 4090 US-41 W, Marquette, MI 49855          | Deerton               | W/2 NW, Sec 10, T47N, R22W    |
| Unknown                  | Unknown                                    | Miners                | SW/4, Sec 2, T46N R18W        |
| Unknown                  | Unknown                                    | Percy Road Quarry     | SW SW, Sec 29, T47N, R19W     |
| Unknown                  | Unknown                                    | Furnace Lake          | SE SW, Sec 6, T46N, R20W      |
| Unknown                  | Unknown                                    | Paulson Lake          | E/2 SE, Sec 29, T46N, R21W    |
| Unknown                  | Unknown                                    | Capital Hill Road     | NE SE, Sec 32, T46N, R21W     |
| Unknown                  | Unknown                                    | Tunteri Road          | E/2 SE NE, Sec 16, T47N, R17W |
| Unknown                  | Unknown                                    | Chapel Drive          | NW SE, Sec 7, T49N, R13W      |
| Unknown                  | Unknown                                    | Hunters Swamp Road    | SW SW, Sec 7, T49N, R13W      |
| Unknown                  | Unknown                                    | M-77                  | NE SE, Sec 13, T46N, R18W     |

**ALLEGAN**

| <b>Owner/Operator</b>                              | <b>Office Address</b>                      | <b>Operation Name</b> | <b>Location</b>         |
|--|--|-----------------------|-------------------------|
| Aggregate Industries (Meyer Material Company, LLC) | 3149 N Patterson Rd, Middleville, MI 49333 | Wayland/Wilson        | SE/4, Sec 25, T4N, R11W |
| Aggregate Industries (Meyer Material Company, LLC) | 822 Schuster, Kalamazoo, MI 49001          | Matheson              | SW/4, Sec 17, T3N, R13W |

**ALLEGAN**

| <b>Owner/Operator</b>                                  | <b>Office Address</b>                            | <b>Operation Name</b>      | <b>Location</b>                   |
|--|--|----------------------------|-----------------------------------|
| Aggregate Industries (Meyer Material Company, LLC)     | 822 Schuster, Kalamazoo, MI 49001                | Wahmoff-Smith Belden #2    | SW NW, Sec 4, T1N, R14W           |
| Aggregate Industries (Meyer Material Company, LLC)     | 475 12th St, Plainwell, MI 49080                 | 12 <sup>th</sup> Street    | W/2 SE, Sec 24, T1N, R12W         |
| Aggregate Industries (Meyer Material Company, LLC)     | 4540 108 <sup>th</sup> Avenue, Pullman, MI 49450 | Sweet #2                   | NW/4, Sec 17, T1N, R14W           |
| Aggregate Industries (Meyer Material Company, LLC)     | 822 Schuster, Kalamazoo, MI 49001                | 120th Avenue (Buskirk)     | NW NE, Sec 17, T2N, R11W          |
| Aggregate Industries (Meyer Material Company, LLC)     | 4540 108 <sup>th</sup> Avenue, Pullman, MI 49450 | Duane Smith                | S/2 NW, Sec 19, T1N, R14W         |
| Aggregate Resources, Inc.                              | 24 122 <sup>nd</sup> Ave, Shelbyville, MI 49344  | Gun River Site             | Sec 12, T2N, R11W                 |
| Allegan County Sand & Gravel, Inc.                     | 2328 23 <sup>rd</sup> St, Hopkins, MI 49328      | JD Pit                     | NW NE, Sec 7, T2N, R12W           |
| Belden Sand & Gravel (Steve's Excavation)              | 951 20th St, Otsego, MI 49078                    | Smith #2                   | W/2 NW, Sec 9, T1N, R12W          |
| Brewer's City Dock, Inc.                               | 24 Pine Ave, Holland, MI 49423                   | 121st Avenue (Grigsby Pit) | NE SW, Sec 11, T2N, R14W          |
| Brewer's City Dock, Inc.                               | 24 Pine Ave, Holland, MI 49423                   | Hill Road #1               | NE SW, Sec 13, T1N, R12W          |
| Brewer's City Dock, Inc. (Lakeshore Sand, LLC)         | 24 Pine Ave, Holland, MI 49423                   | Lincoln Road               | Sec 7 & Sec 8, T3N, R14W          |
| C & H Immekus Enterprises, Inc.                        | 1369 Hill Rd, Otsego, MI 49078                   | Hill Road #2               | E/2 NW SW, Sec 13, T1N, R12W      |
| Diversco Construction Company, Inc.                    | 570 Market Ave SW, Grand Rapids, MI 49503        | 4th Street (Gardner)       | SW SW, Sec 23, T3N R11W           |
| High Grade Materials Company                           | 265 E M-89, Plainwell, MI 49080                  | Doster Pit                 | E/2, Sec 23, T1N, R11W            |
| Marsh Sand and Gravel Company                          | 3229 47th St, Hamilton, MI 49419                 | 127th Avenue               | N/2 SE & NE SW, Sec 26, T3N, R14W |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010    | Jones/Edson                | NW NE & NE NW, Sec 13, T1N, R12W  |

**ALLEGAN**

| <b>Owner/Operator</b>                                  | <b>Office Address</b>                         | <b>Operation Name</b>                   | <b>Location</b>            |
|--|---|---|----------------------------|
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | 108th Avenue (Chicora)                  | NE NE, Sec 13, T1N, R14W   |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | Del-Pier (Auston)                       | N/2 NW, Sec 19, T1N, R14W  |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | 21st Street (Dugan)                     | N/2 SW, Sec 29, T1N, R12W  |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 1150 44th St, Pullman, MI 49450               | Southwest Gravel (Smith)                | NE/4, Sec 5, T1N, R14W     |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | Currie (Hamilton)                       | N/2 SW, Sec 4, T1N, R14W   |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | 122nd Avenue (Adriansen)                | SE SW, Sec 4, T2N, R12W    |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | 127th Avenue (Tisscher)                 | S/2 NE, Sec 29, T3N, R13W  |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | M-40 (32nd St)                          | N/2 NE, Sec 29, T3N, R13W  |
| Riverfront Redi-Mix, Inc. (Bob-O-Link Associates, LLC) | 4664 2nd St, Caledonia, MI 49316              | Green Lake                              | SE/4, Sec 2, T4N, R11W     |
| Rocky-Top Sand & Gravel                                | 7029 Homerich Ave SW, Byron Center, MI 49315  | Rocky-Top                               | Sec 13 & Sec 24, T4N, R11W |
| Scharf Pit, LLC  | 4510 132nd Ave, Hamilton, MI 49419            | 126 <sup>th</sup> Avenue                | SW SE, Sec 26, T3N, R14W   |
| Stoneco, Inc.  | 3700 Patterson Rd, Middleville, MI 49333      | Patterson Road                          | Sec 36, T4N, R11W          |
| Top Grade Aggregates, LLC                              | 3514 63rd St, Saugatuck, MI 49453             | Saugatuck Pit                           | SE NW, Sec 2, T3N, R16W    |
| Top Grade Aggregates, LLC                              | 3100 142nd Ave, Dorr, MI 49232                | Salem Pit                               | E/2 NW, Sec 21, T4N, R13W  |
| Top Grade Aggregates, LLC                              | 1233 64th St, Fennville, MI 49408             | 64 <sup>th</sup> Street (Fennville Pit) | W/2 SW, Sec 35, T2N, R16W  |
| Unknown  | Unknown                                       | 10 <sup>th</sup> Street (Brenner)       | SW SW, Sec 17, T2N, R11W   |

**ALLEGAN**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b>  | <b>Location</b>              |
|-----------------------|-----------------------|------------------------|------------------------------|
| Unknown               | Unknown               | 2 <sup>nd</sup> Street | N/2 SW, Sec 12,<br>T4N, R11W |

**ALPENA**

| <b>Owner/Operator</b>                                  | <b>Office Address</b>                | <b>Operation Name</b>                      | <b>Location</b>                      |
|--|--------------------------------------|--|--------------------------------------|
| Alpena Aggregate, Inc.                                 | 7590 Weiss Rd, Alpena, MI 49707      | Kolberg (Alpena<br>Aggregates)             | NW NE, Sec 35,<br>T31N, R6E          |
| Alpena Aggregate, Inc.                                 | 5614 Wessel Road, Alpena, MI 49707   | Wessel Road (Poirier #1)                   | NE/4, Sec 35,<br>T32N, R8E           |
| Bolen Asphalt Paving, Inc.                             | 875 Airport Rd, East Tawas, MI 48730 | Bolen Road (Klein #2)                      | SE NW, Sec 28,<br>T31N, R6E          |
| Bolen Asphalt Paving, Inc.                             | 875 Airport Rd, East Tawas, MI 48730 | Bolen #1                                   | E/2, Sec 26,<br>T31N, R6E            |
| Elmer's Crane and Dozer, Inc.                          | 3870 E Hamilton Rd, Alpena, MI 49707 | Alpena Plant (Szymanski<br>Quarry)         | SE, Sec 2,<br>T31N, R8E              |
| Everett Goodrich Trucking, Inc.                        | 5614 Wessel Road, Alpena, MI 49707   | Goodrich                                   | NE SW, Sec 36,<br>T32N, R8E          |
| R.E. Glancy, Inc.                                      | 124 M-55, Tawas City, MI 48764       | Gooding Pit                                | NE/4, Sec 2,<br>T30N, R6E            |
| R.E. Glancy, Inc.                                      | 124 M-55, Tawas City, MI 48764       | Taylor Hawks Road<br>(Glancy)              | NE SW, Sec 2,<br>T30N, R6E           |
| R.E. Glancy, Inc.                                      | 124 M-55, Tawas City, MI 48764       | Hardies/Richenbach                         | N/2 NW, Sec 30,<br>T32N, R5E         |
| R.E. Glancy, Inc.                                      | 3502 Wessel Rd, Alpena, MI 49707     | Fussey Quarry                              | N/2 SE & S/2 NE,<br>Sec 11, T31N R8E |
| Specification Stone Products                           | 1009 Long Lake Rd., Alpena, MI 49707 | Long Lake Avenue Quarry<br>(Alpena Quarry) | W/2, Sec 14,<br>T31N R8E             |
| Thunder Bay Concrete Products (Clay &<br>Graham, Inc.) | 4770 Werth Rd, Alpena, MI 49707      | Werth Road (Spens #1)                      | W/2 NW, Sec 24,<br>T30N, R7E         |
| Unknown  | Unknown                              | Kirchoff Road (Van<br>Wormer)              | S/2 NE, Sec 25,<br>T32N, R8E         |



**ALPENA**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b>                   | <b>Location</b>                     |
|-----------------------|-----------------------|---|-------------------------------------|
| Unknown               | Unknown               | M-32 (Klein #1)                         | NW SW, Sec 21,<br>T31N, R6E         |
| Unknown               | Unknown               | Taylor Hawks Road (Co.<br>Rd. Comm. #2) | SE SW & SW SE,<br>Sec 35, T31N, R6E |
| Unknown               | Unknown               | Rayburn Road                            | Sec 35, T31N, R6E                   |

**ANTRIM**

| <b>Owner/Operator</b>             | <b>Office Address</b>                        | <b>Operation Name</b>                       | <b>Location</b>                        |
|-----------------------------------|--|---|--|
| Antrim County Road Commission     | 319 E Lincoln St, Mancelona, MI 49659        | M-66  | NW NW, Sec 33,<br>T30N, R6W            |
| B&B Transit Mix, Inc.             | 7573 Alden Hwy, Alden, MI 49612              | Alden Highway (Harris #2)                   | W/2 NW & NW NE,<br>Sec 23, T29N, R8W   |
| Buffman and Sons Excavating, LLC  | 7777 Houghton Rd, Central Lake, MI 49622     | Devlin Road                                 | W/2 SW, Sec 24,<br>T31N, R8W           |
| Charlevoix County Road Commission | 1251 Boyne Ave, Boyne City, MI 49712         | Giem Road (Charlevoix Co.<br>Rd. Comm. #16) | NW NE, Sec 2,<br>T31N, R5W             |
| Converse Sand & Gravel, LLC       | 12001 Indian Rd, Kewadin, MI 49648           | Indian Road (Converse)                      | Sec 7, T29N R8W &<br>Sec 12, T29N, R9W |
| Elmer's Crane and Dozer, Inc.     | 7115 Essex Rd, Ellsworth, MI 49729           | Essex Road (Skow)                           | N/2 NE, Sec 23,<br>T32N, R8W           |
| Halliday Sand & Gravel, Inc.      | 1128 Federal Ave, Houghton Lake, MI<br>48629 | Scholl #2                                   | SE SW, Sec 35,<br>T30N, R6W            |
| Halliday Sand & Gravel, Inc.      | 1128 Federal Ave, Houghton Lake, MI<br>48629 | Kucharek Road                               | E/2 SE, Sec 14,<br>T31N, R5W           |
| MDC Contracting, LLC              | 5481 US-31, Charlevoix, MI 49720             | Kregulka Road #1                            | SE NW, Sec 30,<br>T30N, R5W            |
| MDC Contracting, LLC              | 5481 US-31, Charlevoix, MI 49720             | Kregulka Road #2                            | SW NE, Sec 30,<br>T30N, R5W            |
| MDC Contracting, LLC              | 5481 US-31, Charlevoix, MI 49720             | Johnson Road (Antrim Co.<br>#1)             | N/2 NW, Sec 7,<br>T29N, R6W            |

**ANTRIM**

| <b>Owner/Operator</b>                  | <b>Office Address</b>                         | <b>Operation Name</b>            | <b>Location</b>                 |
|--|---|----------------------------------|---------------------------------|
| MDC Contracting, LLC                   | 5481 US-31, Charlevoix, MI 49720              | Johnson Road (Antrim Co. #1)     | N/2 NW, Sec 7, T29N, R6W        |
| Payne & Dolan, Inc.                    | 1029 Gornick Ave, Ste 105, Gaylord, MI 49735  | Dobleski Road                    | SW SW, Sec 13, T31N, R5W        |
| Payne & Dolan, Inc.                    | 1029 Gornick Ave, Ste 105, Gaylord, MI 49735  | Thumm Road (Hodgkiss & Douma #2) | SW SE, Sec 13, T31N, R5W        |
| Payne & Dolan, Inc.                    | 1029 Gornick Ave, Ste 105, Gaylord, MI 49735  | Peterson Road                    | SE NW, Sec 13, T29N, R7W        |
| Powell Excavating, LLC                 | 7056 N West Torch Lake Dr., Kewadin, MI 49648 | Indian Road (Powell)             | NW/4, Sec 7, T29N, R8W          |
| Rieth-Riley Construction Company, Inc. | 6795 US-31 N, Charlevoix, MI 49720            | US-131                           | N/2 SW, Sec 4, T30N, R5W        |
| Rieth-Riley Construction Company, Inc. | 6795 US-31 N, Charlevoix, MI 49720            | Tobias Road                      | W/2 SE, Sec 17, T30N, R5W       |
| Schworm Excavating, Inc.               | 8755 US-31 S, Grawn, MI 49637                 | Scholl #1                        | E/2 NW, Sec 2, T29N, R6W        |
| Steuer Excavating, Inc.                | 6725 Birch Lake Rd, Kewadin, MI 49648         | Birch Lake Road (Burch)          | SW NW & NW SW, Sec 2, T29N, R9W |
| Torch Rock Earth Products, LLC         | 12190 Barnes Rd, Central Lake, MI 49622       | Meggison Road                    | SW SE, Sec 17, T31N, R8W        |
| Tri County Sand & Stone, Inc.          | 5318 Bebb Rd, Alden, MI 49612                 | Gildas Road                      | E/2 NE, Sec 31, T29N, R7W       |
| Tri County Sand & Stone, Inc.          | 5318 Bebb Rd, Alden, MI 49612                 | Kregulka Road #3                 | N/2 SW, Sec 30, T30N, R5W       |
| Unknown                                | Unknown                                       | Wildwood Trail                   | NE NW, Sec 33, T31N, R6W        |

**ARENAC**

| <b>Owner/Operator</b> | <b>Office Address</b>              | <b>Operation Name</b>              | <b>Location</b>                      |
|-----------------------|------------------------------------|------------------------------------|--------------------------------------|
| R.E. Glancy, Inc.     | 111 N Walker Rd, Twining, MI 48766 | Omer Quarry (Bay Co. Rd. Comm. #1) | Sec 3, T19N, R5E & Sec 34, T20N, R5E |

**ARENAC**

| <b>Owner/Operator</b> | <b>Office Address</b>                | <b>Operation Name</b> | <b>Location</b>                 |
|-----------------------|--------------------------------------|-----------------------|---------------------------------|
| R.E. Glancy, Inc.     | 5278 Turner Rd, Tawas City, MI 48763 | Glancy Quarry         | Secs 13-14,<br>T20N, R7E        |
| Unknown               | Unknown                              | Moores Junction Road  | W/2 NE NE, Sec 36,<br>T19N, R3E |
| Unknown               | Unknown                              | Sterling Pit          | SE NE, Sec 30,<br>T19N, R4E     |

**BARAGA**

| <b>Owner/Operator</b>       | <b>Office Address</b>              | <b>Operation Name</b> | <b>Location</b>                |
|-----------------------------|------------------------------------|-----------------------|--------------------------------|
| Payne & Dolan, Inc.         | 801 Clark Dr., Gladstone, MI 49837 | Richardson            | SE SW, Sec 4,<br>T47N, R34W    |
| RH Huhtala Aggregates, Inc. | 18154 US-Hwy 41, L'Anse, MI 49946  | Old M-28 (Fox #1)     | Sec 10 & Sec 15,<br>T48N, R33W |
| RH Huhtala Aggregates, Inc. | 18154 US-Hwy 41, L'Anse, MI 49946  | Baraga Plains Road #3 | S/2 SE, Sec 12,<br>T49N, R34W  |
| RH Huhtala Aggregates, Inc. | 18154 US-Hwy 41, L'Anse, MI 49946  | Burns Lake            | SW SE, Sec 12,<br>T49N, R34W   |
| Unknown                     | Unknown                            | Baraga Plains Road #2 | E/2 NE, Sec 9,<br>T50N, R34W   |
| Unknown                     | Unknown                            | Baraga Plains Road #1 | S/2 NE, Sec 4,<br>T50N, R34W   |

**BARRY**

| <b>Owner/Operator</b>                              | <b>Office Address</b>                      | <b>Operation Name</b>       | <b>Location</b>            |
|--|--|-----------------------------|----------------------------|
| Aggregate Industries (Meyer Material Company, LLC) | 822 Schuster, Kalamazoo, MI 49001          | Butler Road                 | SW SE, Sec 34,<br>T2N, R7W |
| Aggregate Industries (Meyer Material Company, LLC) | 3149 N Patterson Rd, Middleville, MI 49333 | Fetke-Lettinga (Leeks Lake) | Sec 31, T4N, R10W          |
| Airport Sand and Gravel                            | 1950 W State Rd, Hastings, MI 49058        | State Road (Airport S & G)  | Secs 11-12,<br>T3N, R9W    |

**BARRY**

| <b>Owner/Operator</b>                                     | <b>Office Address</b>                         | <b>Operation Name</b>                | <b>Location</b>                     |
|---|---|--------------------------------------|-------------------------------------|
| Baker's Excavating, LLC                                   | 9489 S M-37, Dowling, MI 49050                | M-37                                 | E/2 NE, Sec 33,<br>T2N, R8W         |
| Barry County Road Commission                              | 1725 W M-43 Hwy, Hastings, MI 49058           | Dowling Road                         | N/2 SW, Sec 28,<br>T2N, R8W         |
| Barry County Road Commission                              | 1725 W M-43 Hwy, Hastings, MI 49058           | Green Street                         | E/2 SW & SW SE,<br>Sec 13, T3N, R9W |
| Barry County Road Commission                              | 1725 W M-43 Hwy, Hastings, MI 49058           | Hayward Road                         | SW NW, Sec 25,<br>T2N, R10W         |
| Barry County Road Commission                              | 1725 W M-43 Hwy, Hastings, MI 49058           | Sager Road                           | NE SW, Sec 35,<br>T3N, R8W          |
| C&D Hughes, Inc.  | 3097 Lansing Rd, Charlotte, MI 48813          | Durkee Street (C&D<br>Hughes Pit #2) | S/2 NW & N/2 SW,<br>Sec 1, T2N, R7W |
| Carpenter Gravel, Inc.                                    | 1005 Bristol Rd, Delton, MI 49046             | Carpenter Gravel                     | NE/4, Sec 12,<br>T1N, R9W           |
| Diversco Construction Company, Inc.                       | 570 Market Ave SW, Grand Rapids, MI<br>49503  | Middleville Road                     | NE SW, Sec 35,<br>T4N, R10W         |
| Foot Hill Farms   | 4131 Goodwill Rd, Hastings, MI 49058          | Hubbell Road                         | NE/4, Sec 28,<br>T3N, R9W           |
| Great Lakes Gravel & Sand, LLC                            | 7940 Woodland Rd, Lake Odessa, MI<br>48849    | Eaton Road                           | E/2 NW, Sec 3,<br>T4N, R7W          |
| High Grade Materials Company                              | 6757 McKibben Rd, Delton, MI 49046            | Keller Road                          | NE SE, Sec 13,<br>T2N, R10W         |
| HSV Redi-Mix, Inc. (A & D Haskin Co., LLC)                | 7775 N Clark Rd, Lake Odessa, MI 48849        | Clark Road                           | Sec 1 & Sec 2,<br>T4N, R7W          |
| R Smith & Sons Trucking, Inc. (Southwest<br>Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | Otis Lake Road                       | SW/4, Sec 18,<br>T2N, R9W           |
| Sand Man Trucking, Inc.                                   | 6899 Messer Rd, Freeport, MI 49325            | Messer Road                          | NE NE, Sec 8,<br>T4N, R8W           |
| Stone Ridge Excavating, Inc.                              | 3158 Bender Rd, Middleville, MI 49333         | Adams Road                           | SE SW, Sec 27,<br>T4N, R10W         |

**BARRY**

| <b>Owner/Operator</b>     | <b>Office Address</b>                      | <b>Operation Name</b> | <b>Location</b>             |
|---------------------------|--|-----------------------|-----------------------------|
| Top Grade Aggregates, LLC | 3300 N Patterson Rd, Middleville, MI 49333 | Patterson Pit (Bohn)  | SW SW, Sec 30,<br>T4N, R10W |
| Unknown                   | Unknown                                    | Fyan Drive            | SW NE, Sec 15,<br>T4N, R9W  |
| Unknown                   | Unknown                                    | Bender Road           | NW SW, Sec 34,<br>T4N, R10W |
| Unknown                   | Unknown                                    | Arthur Drive          | S/2 SE, Sec 13,<br>T3N, R9W |
| Unknown                   | Unknown                                    | Eckert Road           | NW SE, Sec 4,<br>T4N, R9W   |
| Unknown                   | Unknown                                    | McKeown Road          | SE SE, Sec 34,<br>T3N, R8W  |

**BAY**

| <b>Owner/Operator</b>         | <b>Office Address</b>                  | <b>Operation Name</b> | <b>Location</b>                      |
|-------------------------------|--|-----------------------|--------------------------------------|
| Elmer's Crane and Dozer, Inc. | 2666 W Salzburg Rd, Freeland, MI 48623 | Freeland Plant        | W/2 SE, Sec 30,<br>T14N, R3E         |
| Michigan Sugar Company        | 2600 S Euclid Ave, Bay City, MI 48706  | Bay City Plant        | E/2 NE & SW NE,<br>Sec 31, T14N, R5E |

**BENZIE**

| <b>Owner/Operator</b>            | <b>Office Address</b>               | <b>Operation Name</b>      | <b>Location</b>              |
|----------------------------------|-------------------------------------|----------------------------|------------------------------|
| AJ's Excavating, LLC             | 155 S Marshall Rd, Beulah, MI 49617 | Marshall Road              | NW NW, Sec 29,<br>T26N R14W  |
| Al's Aggregate Processor Company | 7110 Walker St, Benzonia, MI 49617  | Walker Street              | SW SW, Sec 26,<br>T26N, R15W |
| Al's Aggregate Processor Company | 7110 Walker St, Benzonia, MI 49617  | Eden Hill Road (M. B. Pit) | NE NE, Sec 14,<br>T26N, R15W |
| Benzie County Road Commission    | 11318 Main St, Honor, MI 49640      | Deadstream Road            | SW NE, Sec 8,<br>T26N, R14W  |

**BENZIE**

| <b>Owner/Operator</b>         | <b>Office Address</b>                   | <b>Operation Name</b>     | <b>Location</b>               |
|-------------------------------|---|---------------------------|-------------------------------|
| Benzie County Road Commission | 11318 Main St, Honor, MI 49640          | Platte Road               | N/2 NE, Sec 11,<br>T26N, R15W |
| Bonney Bros., Inc.            | 8730 Worden Rd, Beulah, MI 49617        | Lincoln Road (Knapp Pit)  | SE SE, Sec 10,<br>T26N, R15W  |
| Bradley Sand & Gravel         | 8540 Indian Hill Rd, Honor, MI 49640    | Indian Hill Road (Esch)   | SE NE, Sec 7,<br>T27N, R14W   |
| Lake Ann Sand & Gravel, Inc.  | 19120 Birchview Trl, Lake Ann, MI 49650 | Almira Road #1 (Gray, D.) | W/2 SW, Sec 16,<br>T27N, R13W |
| Roper Excavating, LLC         | 16001 Almira Rd, Lake Ann, MI 49650     | Almira Road #2 (Gray, G.) | NW NW, Sec 20,<br>T27N, R13W  |

**BERRIEN**

| <b>Owner/Operator</b>                               | <b>Office Address</b>                        | <b>Operation Name</b>      | <b>Location</b>                        |
|---|--|----------------------------|--|
| American Aggregate, Inc.                            | 2041 M-140, Niles, MI 49120                  | M-140 (Kiell Pit)          | Sec 14 & Sec 15,<br>T7S, R17W          |
| American Aggregate, Inc.                            | 2041 M-140, Niles, MI 49120                  | Geyer Road (Reed)          | W/2 SW, Sec 17,<br>T7S, R17W           |
| Aggregate Resources, Inc.                           | 1500 River St, Kalamazoo, MI 49048           | Hennesey Road              | E/2 SW & NW SW,<br>Sec 27, T3S, R17W   |
| Kalin Construction Company, Inc.                    | 2663 Yore Ave, Sodus, MI 49126               | Red Bud Trail (Hildebrand) | N/2 SW, Sec 11,<br>T7S, R18W           |
| Kalin Construction Company, Inc.                    | 2663 Yore Ave, Sodus, MI 49126               | I-94 (Case Court)          | Sec 27, T3S, R17W                      |
| Knuth Excavating, LLC                               | 2352 E Shawnee Rd, Berrien Springs, MI 49103 | Red Bud Trail (Knuth)      | NE/4, Sec 34,<br>T6S, R18W             |
| Michiana Aggregate, Inc. (Yerington Brothers, Inc.) | 3265 W US-12, Niles, MI 49120                | Pulaski Highway north      | Sec 1, T8S, R18W &<br>Sec 6, T8S, R17W |
| Michiana Aggregate, Inc. (Yerington Brothers, Inc.) | 3265 W US-12, Niles, MI 49120                | Pulaski Highway south      | Sec 1, T8S, R18W &<br>Sec 6, T8S, R17W |
| Michiana Aggregate, Inc. (Yerington Brothers, Inc.) | 3265 W US-12, Niles, MI 49120                | Range Line Road            | NE NW, Sec 6,<br>T7S, R17W             |

**BERRIEN**

| <b>Owner/Operator</b>                                  | <b>Office Address</b>                      | <b>Operation Name</b>   | <b>Location</b>                   |
|--|--|-------------------------|-----------------------------------|
| Michiana Aggregate, Inc. (Yerington Brothers, Inc.)    | 3265 W US-12, Niles, MI 49120              | Mt Tabor Road           | SW NE & N/2 SE, Sec 28, T6S, R18W |
| Millburg Sand Company, LLC                             | 1171 Milton St, Benton Harbor, MI 49022    | Riverside Road          | E/2 SW, Sec 5, T4S, R18W          |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108th Ave, Allegan, MI 49010          | Little Glendora Road    | E/2 SW, Sec 2, T7S, R18W          |
| Rock & Roll Mining, LLC                                | 2600 Winn Rd, Niles, MI 49120              | Geyer Road (Hendershot) | Sec 17 & Sec 18, T7S, R17W        |
| Tacy Brothers Excavating                               | 8966 Hagar Shore Rd, Watervliet, MI 49098  | Red Arrow Hwy           | E/2 NE, Sec 28, T3S, R17W         |
| Twin Springs Aggregate, Inc.                           | 3100 E Linco Rd, Berrien Springs, MI 49103 | Linco Road              | W/2 NE, Sec 3, T6S, R18W          |

**BRANCH**

| <b>Owner/Operator</b>  | <b>Office Address</b>                   | <b>Operation Name</b> | <b>Location</b>                     |
|--|---|-----------------------|-------------------------------------|
| Aggregate Resources, Inc.  | 819 E Chicago Rd, Quincy, MI 49082      | Quincy                | Sec 20 & Sec 29, T6S, R5W           |
| Christy & Son Sand & Gravel, Inc.                                  | 1070 Christy Dr, Union City, MI 49094   | Gower Road            | NW/4, Sec 15, T5S, R7W              |
| Michigan Paving & Materials Company (Certified Sand & Gravel Corp) | 230 S Michigan Ave, Coldwater, MI 49036 | Coldwater             | W/2, Sec 26 & E/2, Sec 27, T6S, R6W |

**CALHOUN**

| <b>Owner/Operator</b>                              | <b>Office Address</b>                       | <b>Operation Name</b> | <b>Location</b>           |
|--|---|-----------------------|---------------------------|
| A & J Quality Excavation                           | 9611 W Mosherville Rd, Litchfield, MI 49252 | U Drive               | SE NW, Sec 29, T4S, R4W   |
| Aggregate Industries (Meyer Material Company, LLC) | 18692 12 Mile Rd, Battle Creek, MI 49014    | Battle Creek Pit      | Sec 31, T1S, R6W          |
| Carr Brothers & Sons, Inc.                         | 14555 Elm Row Rd, Albion, MI 49224          | 24 Mile Road          | Sec 24 & Sec 25, T2S, R5W |

**CALHOUN**

| <b>Owner/Operator</b>                                  | <b>Office Address</b>                         | <b>Operation Name</b>        | <b>Location</b>                  |
|--|---|------------------------------|----------------------------------|
| Carr Brothers & Sons, Inc.                             | 14555 Elm Row Rd, Albion, MI 49224            | Michigan Avenue (Carr Bros)  | Sec 19 & Sec 30, T2S, R4W        |
| Carr Brothers and Sons, Inc.                           | 14555 Elm Row Rd, Albion, MI 49224            | W Drive (Klingaman)          | NW NW, Sec 33, T4S, R6W          |
| Carr Brothers & Sons, Inc.                             | 14555 Elm Row Rd, Albion, MI 49224            | 29 Mile Road                 | NW NW, Sec 1, T4S, R4W           |
| Earth & Under, LLC                                     | 24395 M-78, Battle Creek, MI 49017            | Huntington Road              | SW NW, Sec 15, T1S, R7W          |
| Gardner Brothers Lawn & Landscape, Inc.                | 400 N 24th St, Springfield, MI 49037          | Morgan Road                  | SE NE, Sec 26, T1S, R8W          |
| Hoffman Bros., Inc.                                    | 8574 Verona Rd, Battle Creek, MI 49014        | Verona Road                  | N/2 NW & W/2 NE, Sec 4, T2S, R7W |
| Hoffman Bros., Inc.                                    | 8574 Verona Rd, Battle Creek, MI 49014        | River Road                   | SE NW & SW NE, Sec 33, T1S, R8W  |
| Kiessling Family Farms, Inc.                           | 18907 F Dr. S, Marshall, MI 49068             | D Drive                      | NW NW, Sec 17, T3S, R5W          |
| Markos & Sons Excavating, LLC                          | 8648 M-60, Union City, MI 49094               | Union City                   | NW SE, Sec 33, T4S, R7W          |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | County Line Road (Bergerson) | SE SW & E/2 SE, Sec 33, T4S, R6W |
| Rieth-Riley Construction Company, Inc.                 | 911 Hatfield St. Kalamazoo, MI 49001          | Blanchard                    | SW/4 & W/2 SE, Sec 4, T2S, R6W   |
| Unknown  | Unknown                                       | Waubascon Road               | SW SE, Sec 26, T1S, R8W          |

**CASS**

| <b>Owner/Operator</b>                              | <b>Office Address</b>              | <b>Operation Name</b> | <b>Location</b>        |
|--|------------------------------------|-----------------------|------------------------|
| Aggregate Industries (Meyer Material Company, LLC) | 822 Schuster, Kalamazoo, MI 49001  | Runkle Road           | NE/4, Sec 2, T8S, R16W |
| Aggregate Industries (Meyer Material Company, LLC) | 28862 US-12, Edwardsburg, MI 49112 | Edwardsburg           | Secs 11-12, T8S, R16W  |



**CASS**

| <b>Owner/Operator</b>                                  | <b>Office Address</b>                         | <b>Operation Name</b>         | <b>Location</b>                         |
|--|---|-------------------------------|---|
| C & E Excavating, Inc.                                 | 71267 Dawn Dr., Union, MI 49130               | US-12                         | W/2 SE, Sec 16,<br>T8S, R14W            |
| Cass County Road Commission                            | 340 N O'Keefe St, Cassopolis, MI 49031        | O'Keefe Road west             | E/2 NE, Sec 23,<br>T6S, R15W            |
| Cripps Excavating, Inc.                                | 52860 US-131, Three Rivers, MI 49093          | Burlington Road               | W/2 SW, Sec 21,<br>T5S, R13W            |
| Kalin Construction Company, Inc.                       | 2663 Yore Ave, Sodus, MI 49126                | Indian Lake Road (Wood)       | N/2 SW, Sec 19,<br>T6S, R16W            |
| Kalin Construction Company, Inc.                       | 2663 Yore Ave, Sodus, MI 49126                | O'Keefe Road east             | N/2 SW & SW NW,<br>Sec 24, T6S, R15W    |
| Klett Contracting Company                              | 62994 Territorial Rd, Hartford, MI 49057      | Topash Street (Klett)         | W/2 NE, Sec 15,<br>T5S, R16W            |
| Michiana Aggregate, Inc. (Yerington Brothers, Inc.)    | 3265 W US-12, Niles, MI 49120                 | Indian Lake Road (Hover)      | S/2 NW, Sec 19,<br>T6S, R16W            |
| Michiana Aggregate, Inc. (Yerington Brothers, Inc.)    | 3265 W US-12, Niles, MI 49120                 | Crystal Springs Street        | NE NE, Sec 20, T6S,<br>R16W             |
| Moose Lake Aggregates, LLC (Kenneth Smith, Inc.)       | 2596 Detroit Rd, Niles, MI 49120              | Barron Lake Road (Moose Lake) | Sec 33, T6S, R16W<br>& Sec 4, T7S, R16W |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | Topash Street (Smith)         | W/2 SE, Sec 10,<br>T5S, R16W            |
| Superior Gravel, LLC                                   | 1950 Ravine Rd, Kalamazoo, MI 49004           | Glenwood Road (Rank Pit)      | SW NE, Sec 3,<br>T6S, R15W              |
| Unknown  | Unknown                                       | Bakeman Road                  | SW NE, Sec 10,<br>T5S, R16W             |

**CHARLEVOIX**

| <b>Owner/Operator</b>  | <b>Office Address</b>                    | <b>Operation Name</b> | <b>Location</b>            |
|------------------------|--|-----------------------|----------------------------|
| CH Smith Company, Inc. | 7855 Boyne City Rd, Charlevoix, MI 49720 | Boyne City Road       | SW NW, Sec 2,<br>T33N, R7W |
| CH Smith Company, Inc. | 7855 Boyne City Rd, Charlevoix, MI 49720 | Fall Park Road        | SE NW, Sec 1,<br>T32N, R6W |

**CHARLEVOIX**

| <b>Owner/Operator</b>                  | <b>Office Address</b>                      | <b>Operation Name</b>             | <b>Location</b>                       |
|--|--|-----------------------------------|---------------------------------------|
| Elmer's Crane and Dozer, Inc.          | 3427 Six Mile Lake Rd, Ellsworth, MI 49729 | Six Mile Lake Road<br>(Hersha)    | SW NW, Sec 19,<br>T32N, R7W           |
| Hilltop, Inc.                          | 9758 Ellsworth Rd, East Jordan, MI 49727   | Ellsworth Road #2                 | E/2 NW, Sec 21,<br>T32N, R7W          |
| Island Airways (Welke Excavating)      | 111 Airport Dr., Charlevoix, MI 49720      | Back Hwy                          | SE/4, Sec 34,<br>T39N, R10W           |
| Jim Wojan Excavating Company           | 26169 King's Hwy, Beaver Island, MI 49782  | East Side Drive                   | SE NE, Sec 34,<br>T39N, R10W          |
| MDC Contracting, LLC                   | 5481 US-31, Charlevoix, MI 49720           | Manthei Pit (Co. Rd.<br>Comm. #1) | SE/4, Sec 5,<br>T33N, R8W             |
| MDC Contracting, LLC                   | 5481 US-31, Charlevoix, MI 49720           | Tri-City Asphalt                  | W/2 NW, Sec 4,<br>T33N, R8W           |
| MDC Contracting, LLC                   | 5481 US-31, Charlevoix, MI 49720           | Ellsworth Road #1                 | NE NE, Sec 20,<br>T32N, R7W           |
| Steve Bartlett Sand and Gravel, LLC    | 7610 Fair Rd, East Jordan, MI 49727        | Bartlett #2                       | N/2 SW, Sec 30,<br>T32N, R6W          |
| Steve Bartlett Sand and Gravel, LLC    | 7610 Fair Rd, East Jordan, MI 49727        | Bartlett #1                       | NE SW & NW SE,<br>Sec 30, T32N, R6W   |
| Steve Bartlett Sand and Gravel, LLC    | 7610 Fair Rd, East Jordan, MI 49727        | Bartlett #3                       | NE SE, Sec 30,<br>T32N, R6W           |
| Rieth-Riley Construction Company, Inc. | 6795 US-31 N, Charlevoix, MI 49720         | Bay Shore #2                      | N/2 SE & SW NE,<br>Sec 12, T34N, R7W  |
| Rieth-Riley Construction Company, Inc. | 6795 US-31 N, Charlevoix, MI 49720         | Bay Shore #1                      | N/2 NW & SE NW,<br>Sec 12, T34N, R7W  |
| Rieth-Riley Construction Company, Inc. | 6795 US-31 N, Charlevoix, MI 49720         | Woodward Road                     | S/2 NE & N/2 SE,<br>Sec 16, T32N, R4W |
| Tim Moyer Excavating, Inc.             | 1126 Contractors Dr., Boyne City, MI 49712 | Contractors Drive                 | SE NE, Sec 2,<br>T32N, R6W            |
| Whitaker Excavating & Gravel, LLC      | 8812 Ellsworth Rd, East Jordan, MI 49727   | Ellsworth Road #3                 | SW NW, Sec 22,<br>T32N, R7W           |
| Unknown                                | Unknown                                    | US-131                            | SE SW, Sec 35,<br>T32N, R5W           |

**CHARLEVOIX**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b> | <b>Location</b>              |
|-----------------------|-----------------------|-----------------------|------------------------------|
| Unknown               | Unknown               | West Side Road        | SW NW, Sec 18,<br>T37N, R10W |

**CHEBOYGAN**

| <b>Owner/Operator</b>                                    | <b>Office Address</b>                           | <b>Operation Name</b>               | <b>Location</b>                                  |
|--|---|-------------------------------------|--|
| Alpena Aggregate, Inc.                                   | 7590 Weiss Rd, Alpena, MI 49707                 | Indian Trail Road #4<br>(Grubinski) | E/2 SW & NW SE,<br>Sec 33, T37N, R2W             |
| Black River Sand & Gravel, LLC                           | 6564 N Black River Rd, Cheboygan, MI<br>49721   | Black River Road #2                 | SE NW & NE SW,<br>Sec 36, T37N, R1W              |
| Blaine's Excavating & Landscaping, Inc.                  | 6900 E Levering Rd, Cheboygan, MI 49721         | Levering Road (Lavigne)             | W/2 SW, Sec 36,<br>T38N, R3W                     |
| Bryan Lofgren Excavating, Inc.                           | 1232 Lofgren Shores Dr., Cheboygan, MI<br>49721 | US-23 (Lofgren)                     | SW SE, Sec 29,<br>T38N, R1E                      |
| Cheboygan Cement Products, Inc. (Gildner<br>Gravel, LLC) | 702 Lafayette Ave, Cheboygan MI 49721           | Meyer Pit                           | W/2 SW, Sec 14 &<br>E/2 SE, Sec 15,<br>T37N, R1W |
| Cheboygan Cement Products, Inc. (Gildner<br>Gravel, LLC) | 702 Lafayette Ave, Cheboygan MI 49721           | Gilpin Road                         | N/2 NE, Sec 10,<br>T37N, R1W                     |
| Cheboygan Cement Products, Inc. (Gildner<br>Gravel, LLC) | 702 Lafayette Ave, Cheboygan MI 49721           | US-23 (Gildner)                     | SE SW, Sec 29,<br>T38N, R1E                      |
| Cheboygan County Road Commission                         | 5302 S Straits Hwy, Indian River, MI 49749      | Rondo Road                          | N/2 SW & SE SW,<br>Sec 19, T34N, R2W             |
| Cheboygan County Road Commission                         | 5302 S Straits Hwy, Indian River, MI 49749      | Dotski Road                         | E/2 SW, Sec 17,<br>T37N, R2W                     |
| Everingham Excavating                                    | 5162 Paradise Trl, Cheboygan, MI 49721          | Pallister Road                      | NE SW, Sec 14,<br>T36N, R1W                      |
| Gouine Construction, Inc.                                | 492 Laperell Rd, Cheboygan, MI 49721            | Indian Trail Road #2                | E/2 NE, Sec 27,<br>T37N, R2W                     |
| Merchant Excavating & Septic, Inc.                       | 485 W VFW Rd, Cheboygan, MI 49721               | Black River Road #1                 | SW NW, Sec 36,<br>T37N, R1W                      |
| Merchant Excavating & Septic, Inc.                       | 485 W VFW Rd, Cheboygan, MI 49721               | Indian Trail Road #1                | N/2 NE, Sec 27,<br>T37N, R2W                     |

**CHEBOYGAN**

| <b>Owner/Operator</b>                  | <b>Office Address</b>                         | <b>Operation Name</b> | <b>Location</b>               |
|--|---|-----------------------|-------------------------------|
| North Star Gardens, Inc.               | 5000 Reams Rd, Alanson, MI 49706              | Reams Road east       | W/2 SW, Sec 29,<br>T35N, R3W  |
| Rieth-Riley Construction Company, Inc. | 6795 US-31, Charlevoix, MI 49720              | Rondo Road            | SW SW, Sec 19,<br>T34N, R2W   |
| Rieth-Riley Construction Company, Inc. | 6795 US-31, Charlevoix, MI 49720              | Reams Road west       | E/2 SE, Sec 30,<br>T35N, R3W  |
| Rieth-Riley Construction Company, Inc. | 411 M-68, Afton, MI 49705                     | M-68 Quarry           | S/2, Sec 31,<br>T35N, R1W     |
| Rieth-Riley Construction Company, Inc. | 6795 US-31, Charlevoix, MI 49720              | Levering Road (Ginop) | Sections 5-6,<br>T37N, R3W    |
| R.E. Glancy, Inc.                      | 10275 Hutchinson Hwy, Onaway, MI 49765        | Skuse Pit             | SW/4, Sec 23,<br>T35N, R1E    |
| R.E. Glancy, Inc.                      | 4876 Cross Rd., Afton, MI 49705               | Afton Quarry          | Sec 25 & Sec 36,<br>T35N, R2W |
| R.E. Gouine General Construction, Inc. | 8997 N Straits Hwy, Cheboygan, MI 49721       | Straits Hwy (M-27)    | NE SW, Sec 24,<br>T37N, R2W   |
| Robiadek & Sons Excavating, Inc.       | 12370 N Riggsville Rd, Cheboygan, MI<br>49721 | Indian Trail Road #3  | S/2 NE, Sec 27,<br>T37N, R2W  |

**CHIPPEWA**

| <b>Owner/Operator</b>           | <b>Office Address</b>                              | <b>Operation Name</b>            | <b>Location</b>                      |
|---------------------------------|--|----------------------------------|--------------------------------------|
| Burton Excavating, Inc.         | 1396 E Easterday Ave, Sault Ste Marie, MI<br>49783 | 15 Mile Road (Foreman)           | SE NE, Sec 24,<br>T45N, R1E          |
| Burton Excavating, Inc.         | 1396 E Easterday Ave, Sault Ste Marie, MI<br>49783 | Jodi Lane                        | SE SE, Sec 23,<br>T47N, R1W          |
| Chippewa County Road Commission | 3949 S Mackinac Trl, Sault Ste. Marie, MI<br>49783 | Co. Rd. Comm. #3                 | Sec 24 & Sec 25,<br>T47N, R1W        |
| Chippewa County Road Commission | 3949 S Mackinac Trl, Sault Ste. Marie, MI<br>49783 | Thompson Road (Co. Rd.<br>Comm.) | N/2 SE & SE SE, Sec<br>15, T45N, R2W |
| Chippewa County Road Commission | 3949 S Mackinac Trl, Sault Ste. Marie, MI<br>49783 | Pendills Lake Road               | SW NE, Sec 35,<br>T47N, R3W          |

**CHIPPEWA**

| <b>Owner/Operator</b>                                 | <b>Office Address</b>                             | <b>Operation Name</b>              | <b>Location</b>                 |
|---|---|------------------------------------|---------------------------------|
| Chippewa County Road Commission                       | 3949 S Mackinac Trl, Sault Ste. Marie, MI 49783   | M-28 (Co. Rd. Comm.)               | SE SE, Sec 36, T46N, R7W        |
| Chippewa County Road Commission                       | 3949 S Mackinac Trl, Sault Ste. Marie, MI 49783   | 15 Mile Road (Whitehead #5/Burton) | N/2 NE, Sec 24, T45N, R1E       |
| Chippewa County Road Commission                       | 3949 S Mackinac Trl, Sault Ste. Marie, MI 49783   | Sappi Road (Sugar Island)          | SE NW & NE SW, Sec 6, T47N, R2E |
| Con-Agg, Inc. (Norris Contracting, Inc.)              | 4576 S Mackinac Trl, Sault Ste Marie, MI 49783    | Maple Ridge Road #1                | NE NW, Sec 17, T46N, R7W        |
| Con-Agg, Inc. (Norris Contracting, Inc.)              | 4576 S Mackinac Trl, Sault Ste Marie, MI 49783    | Whitehead #8                       | NE SE, Sec 35, T47N, R1W        |
| Fountain Excavating & Trucking, Inc.                  | 19500 S Caribou Lake Rd, Detour Village, MI 49725 | South Caribou Lake Road (Jones)    | NW NE, Sec 5, T41N, R4E         |
| Drummond Island Yacht Haven, Inc.                     | 33185 S Water St, Drummond Island, MI 49726       | Shines Lake Road                   | NW NE, Sec 30, T42N, R6E        |
| Drummond Island Yacht Haven, Inc.                     | 33185 S Water St, Drummond Island, MI 49726       | Johnswood Road                     | E/2 NW/4, Sec 31, T42N, R6E     |
| Fountain Excavating & Trucking, Inc.                  | 19500 S Caribou Lake Rd, Detour Village, MI 49725 | North Caribou Lake Road (Fountain) | NW NE, Sec 32, T42N, R4E        |
| Fox Aggregates, LLC                                   | 3239 S Radar Rd, Sault Ste Marie, MI 49783        | Radar Road Pit                     | SE NE, Sec 23, T47N, R1W        |
| Frank Huyck & Son Trucking & Excavating               | 13234 S M-129, Pickford, MI 49774                 | M-129 (F. Huyck)                   | NE/4, Sec 12, T45N, R1W         |
| Glen Atkins Sand & Gravel, Inc.                       | 3873 E 15 Mile Rd, Barbeau, MI 49710              | 15 Mile Road (Atkins)              | W/2 NE, Sec 24, T45N, R1E       |
| Glen Atkins Sand & Gravel, Inc.                       | 3873 E 15 Mile Rd, Barbeau, MI 49710              | 15 Mile Road (Oailen)              | NW NE, Sec 24, T45N, R1E        |
| Kelly Excavating & Redi Mix, Inc.                     | 32365 E Johnswood Rd, Drummond Island, MI 49726   | Socia Road east                    | Sec 31 & Sec 32, T42N, R6E      |
| Lehigh Contracting, Inc.                              | 18575 S M-129, Sault Ste Marie, MI 49783          | 20 Mile Road                       | NW NW, Sec 13, T44N, R1W        |
| Northern Sand & Gravel (Van Sloten Enterprises, Inc.) | 1320 W Three Mile Rd, Sault Ste Marie, MI 49783   | City Limits                        | NE NE, Sec 23, T47N, R1W        |

**CHIPPEWA**

| <b>Owner/Operator</b>                                 | <b>Office Address</b>                            | <b>Operation Name</b>               | <b>Location</b>            |
|---|--|-------------------------------------|----------------------------|
| Northern Sand & Gravel (Van Sloten Enterprises, Inc.) | 1320 W Three Mile Rd, Sault Ste Marie, MI 49783  | Co. Rd. Comm. #3                    | Sec 24 & Sec 25, T47N, R1W |
| Northern Sand & Gravel (Van Sloten Enterprises, Inc.) | 1320 W Three Mile Rd, Sault Ste. Marie, MI 49783 | 3 Mile Road                         | SW SE, Sec 14, T47N, R1W   |
| Northern Sand & Gravel (Van Sloten Enterprises, Inc.) | 1320 W Three Mile Rd, Sault Ste. Marie, MI 49783 | Thompson Road (Meehan)              | Sec 14 & Sec 15, T45N, R2W |
| Payne & Dolan, Inc.                                   | 17777 S Caldwell Rd, Kinross, MI 49752           | Tominac                             | W/2 NW, Sec 17, T43N, R3E  |
| Payne & Dolan, Inc.                                   | 17777 S Caldwell Rd, Kinross, MI 49752           | Caldwell Road (Kinross Huyck)       | SW SE, Sec 34, T45N, R1W   |
| Payne & Dolan, Inc.                                   | 17777 S Caldwell Rd, Kinross, MI 49752           | Sanderson #1                        | SE SE, Sec 10, T44N, R1W   |
| Payne & Dolan, Inc.                                   | 17777 S Caldwell Rd, Kinross, MI 49752           | M-129 (Payne & Dolan)               | SE/4, Sec 13, T45N, R1W    |
| Payne & Dolan, Inc.                                   | 17777 S Caldwell Rd, Kinross, MI 49752           | 15 Mile Road                        | NW NE, Sec 24, T45N, R1W   |
| Reid Contractors, Inc.                                | 11969 S Mackinac Trl, Dafter, MI 49724           | Bound Road (Reid)                   | SE NE, Sec 16, T45N, R2W   |
| Sally Socia Excavating                                | 36086 S Alton Rd Drummond Island, MI 49726       | Socia Road west                     | SW NE, Sec 31, T42N, R6E   |
| Thompson's Sand & Gravel                              | 9402 W Thompson Rd, Rudyard, MI 49780            | Thompson #3                         | SE NW, Sec 16, T45N, R2W   |
| UPI, LLC  | 4576 S Mackinac Trl, Sault Ste Marie, MI 49783   | 6 Mile Road                         | SW SE, Sec 35, T47N, R1W   |
| USDA Forest Service, Hiawatha National Forest         | 820 Rains Dr., Gladstone, MI 49837               | Trout Lake Road (Federal Forest #1) | Sec 26 & Sec 27, T44N, R4W |
| USDA Forest Service, Hiawatha National Forest         | 820 Rains Dr., Gladstone, MI 49837               | Trout Brook Pond                    | E/2 SW, Sec 22, T44N, R4W  |
| USDA Forest Service, Hiawatha National Forest         | 820 Rains Dr., Gladstone, MI 49837               | Soupy Road Pit #1                   | Sec 5 & Sec 6, T46N, R5W   |
| USDA Forest Service, Hiawatha National Forest         | 820 Rains Dr., Gladstone, MI 49837               | Soupy Road Pit #2                   | SW NW, Sec 5, T46N, R5W    |

**CHIPPEWA**

| <b>Owner/Operator</b>                         | <b>Office Address</b>              | <b>Operation Name</b>                     | <b>Location</b>                  |
|---|------------------------------------|---|----------------------------------|
| USDA Forest Service, Hiawatha National Forest | 820 Rains Dr., Gladstone, MI 49837 | Cad Soo Pit                               | NW SE, Sec 36, T47N, R4W         |
| USDA Forest Service, Hiawatha National Forest | 820 Rains Dr., Gladstone, MI 49837 | Dollar Settlement Pit (Federal Forest #4) | NW NW, Sec 20, T47N, R3W         |
| Vern Huyck Trucking, Inc.                     | 19919 M-129, Pickford, MI 49774    | M-129 (V. Huyck)                          | E/2 NW, Sec 18, T44N, R1E        |
| Unknown                                       | Unknown                            | M-28 (Bonner)                             | SW NW & NW SW, Sec 8, T45N, R7W  |
| Unknown                                       | Unknown                            | Thompson Road (Hough)                     | NW SW, Sec 15, T45N, R2W         |
| Unknown                                       | Unknown                            | Hulbert Pit                               | SE SE, Sec 27, T46N, R7W         |
| Unknown                                       | Unknown                            | Sanderson #3                              | SE SE, Sec 26, T47N, R1W         |
| Unknown                                       | Unknown                            | Sanderson #4                              | NW NE, Sec 35, T47N, R1W         |
| Unknown                                       | Unknown                            | Sanderson #5                              | SW NE, Sec 35, T47N, R1W         |
| Unknown                                       | Unknown                            | Smith Road                                | SW NE & SE NW, Sec 32, T42N, R4E |
| Unknown                                       | Unknown                            | Duck Lake Road (Homestead)                | W/2 SE, Sec 26, T46N, R2E        |
| Unknown                                       | Unknown                            | Brasser Road (McKechnie)                  | SW NE, Sec 30, T47N, R2E         |
| Unknown                                       | Unknown                            | 5 Mile Road                               | NW SE & NE SW, Sec 27, T47N, R1W |

**CLARE**

| <b>Owner/Operator</b>  | <b>Office Address</b>                     | <b>Operation Name</b> | <b>Location</b>           |
|------------------------|---|-----------------------|---------------------------|
| Beemer's Sand & Gravel | 5527 Townline Lake Rd, Harrison, MI 48625 | Beemer #1             | S/2 SW, Sec 13, T19N, R4W |

**CLARE**

| <b>Owner/Operator</b>                                   | <b>Office Address</b>                     | <b>Operation Name</b>      | <b>Location</b>                       |
|---|---|----------------------------|---------------------------------------|
| Beemer's Sand & Gravel                                  | 5527 Townline Lake Rd, Harrison, MI 48625 | Beemer #2                  | NW SE, Sec 13, T19N, R4w              |
| Bouchey & Sons, Inc.                                    | 66 Kapplinger Rd, Farwell, MI 48622       | Fuller/Bouchey             | SE SW, Sec 19, T17N, R4W              |
| Bouchey & Sons, Inc.                                    | 66 Kapplinger Rd, Farwell, MI 48622       | Kapplinger Road #1         | N/2 NW & SE NW, Sec 30, T17N, R4W     |
| Bouchey & Sons, Inc.                                    | 750 Kapplinger Dr., Farwell, MI 48622     | Kapplinger Road #2         | SE NE, Sec 19, T17N, R4W              |
| Fisher Sand and Gravel Company                          | 1540 S Clare Ave, Harrison, MI 48625      | Clare Pit (Gullickson #1)  | SW SE, Sec 3 & E/2, Sec 10, T18N, R4W |
| Fisher Sand and Gravel Company                          | 1540 S Clare Ave, Harrison, MI 48625      | Stone                      | NE/4 & E/2 NW, Sec 36, T18N, R4W      |
| Gambles Redi-Mix, Inc. (Superior Concrete Construction) | 1415 N Clare, Harrison, MI 48625          | Mosteller Road (Carpenter) | NE SE, Sec 28, T19N, R4W              |
| R.E. Glancy, Inc.                                       | 124 M-55, Tawas City, MI 48764            | Shunk (Houghton)           | SE NW & NE SW, Sec 31, T18N, R3W      |
| Halliday Sand & Gravel, Inc.                            | 1128 Federal Ave, Houghton Lake, MI 48629 | Koch                       | N/2 SW, Sec 7, T20N, R4W              |
| Henry Excavating, LLC                                   | 3620 N Clare Ave, Harrison, MI 48625      | Harrison Pit               | S/2 NW, Sec 16, T19N, R4W             |
| Hubscher & Son, Inc.                                    | 6775 Clarabella Rd, Clare, MI 48617       | Clarabella Road            | Sec 31, T17N, R3W                     |
| Krchmar, LLC  | 1304 Park St, Clare, MI 48617             | Lily Lake Road             | SW SW, Sec 28, T19N, R4W              |
| Mike Armentrout Construction                            | 6400 E Adams Rd, Clare, MI 48617          | Adams Road                 | N/2 NW & SE NW, Sec 6, T17N, R3W      |
| Unknown   | Unknown                                   | Timberlane Road            | Sec 3 & Sec 4, T18N, R4W              |
| Unknown   | Unknown                                   | Elm Road                   | SW NW, Sec 20, T17N, R4W              |
| Unknown   | Unknown                                   | Surrey Road                | NE NE, Sec 22, T17N, R4W              |



**CLINTON**

| <b>Owner/Operator</b>                          | <b>Office Address</b>                              | <b>Operation Name</b>           | <b>Location</b>                      |
|--|--|---------------------------------|--------------------------------------|
| Carl Schlegel, Inc.                            | 16527 Wood Rd, Lansing, MI 48906                   | Martin Pit                      | NE/4, Sec 36,<br>T8N, R2W            |
| Carl Schlegel, Inc.                            | 16527 Wood Rd, Lansing, MI 48906                   | Harmon #2                       | W/2 SE, Sec 32,<br>T8N, R1W          |
| Carl Schlegel, Inc.                            | 16527 Wood Rd, Lansing, MI 48906                   | Howe Road Pit                   | E/2 NW & W/2 NE,<br>Sec 10, T5N, R2W |
| Carl Schlegel, Inc.                            | 16527 Wood Rd, Lansing, MI 48906                   | Maple Rapids                    | SW SE, Sec 9,<br>T8N, R3W            |
| Carl Schlegel, Inc.                            | 16527 Wood Rd, Lansing, MI 48906                   | Drumheller Road                 | NE SW & NW SE,<br>Sec 19, T5N, R1W   |
| Carl Schlegel, Inc.                            | 16527 Wood Rd, Lansing, MI 48906                   | Hall Road                       | W/2 SE, Sec 36,<br>T8N, R2W          |
| Clark Farms Sand and Gravel                    | 411-B W Lake Lansing Rd, East Lansing,<br>MI 48823 | Clark Farms                     | E/2 SW & W/2 SE,<br>Sec 13, T5N, R4W |
| The Felzke Family Farm, LLC                    | 5380 Herbison Rd, Dewitt, MI 48820                 | Felzke #1                       | NW SE, Sec 15,<br>T5N, R3W           |
| The Felzke Family Farm, LLC                    | 5380 Herbison Rd, Dewitt, MI 48820                 | Felzke #2                       | SE NW, Sec 15,<br>T5N, R3W           |
| Haddix Sand & Gravel                           | 2104 E Saginaw Hwy, Grand Ledge, MI<br>48837       | State Road #1                   | SW NE, Sec 29,<br>T5N, R4W           |
| Haddix Sand & Gravel                           | 2104 E Saginaw Hwy, Grand Ledge, MI<br>48837       | State Road #2                   | S/2 SE, Sec 29,<br>T5N, R4W          |
| Kesler Sand Pit, Inc.                          | 14031 Webster Rd, Bath, MI 48808                   | Kesler Sand Pit (Baird<br>Road) | W/2 SE & E/2 NW,<br>Sec 2, T5N, R2W  |
| Les Miller & Sons Aggregates, Inc.             | 8881 W Taft Rd, St Johns, MI 48879                 | Piggott                         | SW/4, Sec 20,<br>T8N, R3W            |
| Les Miller & Sons Aggregates, Inc.             | 8881 W Taft Rd, St Johns, MI 48879                 | Island Road                     | SW/4, Sec 9,<br>T8N, R3W             |
| MacKenzie Recycling Corp (ET MacKenzie<br>Co.) | 4248 W Saginaw Hwy, Grand Ledge, MI<br>48837       | Clark Road                      | SW/4 & E/2 NW, Sec<br>22, T5N, R2W   |
| Miller's Sand & Gravel, LLC                    | 5239 Grange Rd, Westphalia, MI 48894               | Hubbardston                     | NW/4, Sec 18,<br>T8N, R4W            |

**CLINTON**

| <b>Owner/Operator</b>               | <b>Office Address</b>                    | <b>Operation Name</b> | <b>Location</b>                      |
|-------------------------------------|--|-----------------------|--------------------------------------|
| Searles Construction, Inc.          | 1213 N Old US-27, St Johns, MI 48879     | Thayer                | S/2 NE, Sec 25,<br>T8N, R3W          |
| Searles Construction, Inc.          | 1213 N Old US-27, St Johns, MI 48879     | Airport Road          | SW/4, Sec 30,<br>T8N, R2W            |
| Simon Brothers, Inc.                | 1120 N Edgewood Dr, Fowler, MI 48835     | Fitzpatrick Road #1   | W/2 NE, Sec 11,<br>T8N, R4W          |
| Simon Brothers, Inc.                | 1120 N Edgewood Dr, Fowler, MI 48835     | Fitzpatrick Road #2   | S/2 NW & N/2 SW,<br>Sec 11, T8N, R4W |
| Stoneco, Inc.                       | 3477 Hall Rd, St. Johns, MI 48879        | Bauer                 | E/2 SW, Sec 36,<br>T8N, R2W          |
| Sunrise Aggregates, LLC             | 2265 E Dansville Rd, Dansville, MI 48819 | Bath Pit              | Sec 8 & Sec 9,<br>T5N, R1W           |
| Woodhull Construction Company, Inc. | 9609 E Price Rd, Laingsburg, MI 48848    | Price Road            | Sec 1 & Sec 12,<br>T6N, R1W          |
| Unknown                             | Unknown                                  | Krepps Road           | N/2 NW, Sec 1,<br>T7N, R2W           |
| Unknown                             | Unknown                                  | Dewitt Road           | N/2 NE, Sec 30,<br>T8N, R2W          |
| Unknown                             | Unknown                                  | Mead Road (Piggott)   | Sec 13 & Sec 24,<br>T8N, R4W         |

**CRAWFORD**

| <b>Owner/Operator</b>           | <b>Office Address</b>                             | <b>Operation Name</b>                  | <b>Location</b>                      |
|---------------------------------|---|--|--------------------------------------|
| Crawford County Road Commission | 500 Huron St, Grayling, MI 49738                  | Barker Lake Road (Co. Rd.<br>Comm. #1) | Sec 27 & Sec 34,<br>T26N, R3W        |
| Crawford County Road Commission | 500 Huron St, Grayling, MI 49738                  | Co. Rd. Comm. #5                       | NW SE & NE SW,<br>Sec 24, T28N, R2W  |
| Crawford County Road Commission | 500 Huron St, Grayling, MI 49738                  | Co. Rd. Comm. #6                       | E/2 NW, Sec 24,<br>T28N, R2W         |
| Jack Millikin, Inc.             | 4680 W North Down River Rd, Grayling, MI<br>49738 | Industrial Street                      | E/2 NW & NE SW,<br>Sec 20, T26N, R3W |

**CRAWFORD**

| <b>Owner/Operator</b>  | <b>Office Address</b>                            | <b>Operation Name</b>            | <b>Location</b>                     |
|------------------------|--|----------------------------------|-------------------------------------|
| R.E. Glancy, Inc.      | 124 M-55, Tawas City, MI 48764                   | 7 Mile Road                      | SW NE & NW SE,<br>Sec 23, T25N, R3W |
| S & J Excavating, Inc. | 11355 Steckert Bridge Rd, Roscommon, MI<br>48653 | Steckert Bridge Road<br>(Nellis) | SW NW, Sec 32,<br>T25N, R2W         |

**DELTA**

| <b>Owner/Operator</b>             | <b>Office Address</b>                          | <b>Operation Name</b>                | <b>Location</b>                          |
|-----------------------------------|--|--------------------------------------|--|
| Bark River Concrete Products      | 1397 US-2/41, Bark River, MI 49807             | 12th Road                            | E/2 NW, Sec 8,<br>T38N, R24W             |
| Bichler Gravel & Concrete Company | 6851 County Rd 426, Escanaba, MI 49829         | Bichler Bros. #1/Co. Rd.<br>Comm. #6 | NE/4, Sec 12,<br>T39N, R23W              |
| Bichler Gravel & Concrete Company | 6851 County Rd 426, Escanaba, MI 49829         | Bichler Bros. #2                     | SE NE, Sec 14,<br>T40N, R23W             |
| Bichler Gravel & Concrete Company | 6851 County Rd 426, Escanaba, MI 49829         | Bichler Bros. #3                     | SW SW NW, Sec 13,<br>T40N, R23W          |
| Bichler Gravel & Concrete Company | 6851 County Rd 426, Escanaba, MI 49829         | Brayak Quarry                        | S/2 NW & NW NW,<br>Sec 13, T40N, R23W    |
| Bichler Gravel & Concrete Company | 6851 County Rd 426, Escanaba, MI 49829         | Van Drese                            | Sec 4, T40N R23W &<br>Sec 35, T41N, R23W |
| Bittner Excavating                | 2909 13th Lane, Bark River, MI 49807           | A 13 Road (Bittner)                  | NE SE, Sec 7,<br>T38N, R23W              |
| Clifton Moser Excavating          | 7495 Perkins 30.5 Rd, Rapid River, MI<br>49878 | T.65 Road (Moser)                    | SW SE, Sec 17,<br>T41N, R21W             |
| Clifton Moser Excavating          | 7495 Perkins 30.5 Rd, Rapid River, MI<br>49878 | Perkins 30.5 Road                    | NE NW, Sec 7,<br>T41N, R21W              |
| D & L Gembel & Sons, Inc.         | 13455 8th Rd, Garden, MI 49835                 | Jj Road                              | NE SW, Sec 15,<br>T38N, R19W             |
| D & L Gembel & Sons, Inc.         | 13455 8th Rd, Garden, MI 49835                 | 14th Road/M-183                      | SW SE, Sec 26,<br>T39N, R19W             |
| Degrad Construction Company, Inc. | 4708 US-2/41, Escanaba, MI 49829               | Degrad Construction #1               | SE NW, Sec 4,<br>T38N, R23W              |

**DELTA**

| <b>Owner/Operator</b>                         | <b>Office Address</b>               | <b>Operation Name</b>    | <b>Location</b>                      |
|---|-------------------------------------|--------------------------|--------------------------------------|
| Degrad Construction Company, Inc.             | 4708 US-2/41, Escanaba, MI 49829    | Degrad Construction #2   | SE SW, Sec 33,<br>T39N, R23W         |
| Degrad Construction Company, Inc.             | 4708 US-2/41, Escanaba, MI 49829    | De Grand                 | SW NE, Sec 27,<br>T39N, R23W         |
| Degrad Construction Company, Inc.             | 4708 US-2/41, Escanaba, MI 49829    | Degrad Construction #3   | NE NE, Sec 28,<br>T39N, R23W         |
| Havelka Construction                          | N4559 US-41, Wallace, MI 49893      | Flatrock                 | S/2 SE, Sec 21,<br>T40N, R23W        |
| L Tatrow & Son Excavating Company             | 15866 17th Rd, Garden, MI 49835     | Pp Road                  | W/2 NW, Sec 10,<br>T39N, R18W        |
| Marvic Construction Company, Inc.             | 1514 N 16th St, Escanaba, MI 49829  | 14th Road (Marvic)       | E/2 SE, Sec 27,<br>T39N, R24W        |
| Northstar Crushing & Screening, Inc.          | 8541 N 3 Ln, Gladstone, MI 49837    | Barron #2                | SE/4 & E/2 SW,<br>Sec 11, T40N, R23W |
| Northstar Crushing & Screening, Inc.          | 8541 N 3 Ln, Gladstone, MI 49837    | N.3 Lane (Nyquist)       | NE NE, Sec 23,<br>T40N, R23W         |
| Payne & Dolan, Inc.                           | 801 Clark Dr., Gladstone, MI 49837  | 25 <sup>th</sup> Road    | W/2 NW, Sec 3,<br>T41N, R21W         |
| Payne & Dolan, Inc.                           | 801 Clark Dr., Gladstone, MI 49837  | Mottes Farm (Caspian)    | E/2 SE, Sec 14,<br>T40N, R23W        |
| Payne & Dolan, Inc.                           | 801 Clark Dr., Gladstone, MI 49837  | N.3 Lane (Payne & Dolan) | Sec 12 & Sec 13,<br>T40N, R23W       |
| Payne & Dolan, Inc.                           | 801 Clark Dr., Gladstone, MI 49837  | Solis                    | Sec 23 & Sec 24,<br>T40N, R23W       |
| Payne & Dolan, Inc.                           | 801 Clark Dr., Gladstone, MI 49837  | Potato Lane (Van Damme)  | Sec 5 & Sec 8,<br>T41N, R23W         |
| Payne & Dolan, Inc.                           | 801 Clark Dr., Gladstone, MI 49837  | Grabowski                | SE NW, Sec 12,<br>T39N, R18W         |
| Proehl Construction, LLC                      | 7920 30th Rd, Rapid River, MI 49878 | T.65 Road (Proehl)       | N/2 SE, Sec 17,<br>T41N, R21W        |
| USDA Forest Service, Hiawatha National Forest | 820 Rains Dr., Gladstone, MI 49837  | Sturgeon River           | E/2 SW, Sec 33,<br>T42N, R19W        |

**DELTA**

| <b>Owner/Operator</b> | <b>Office Address</b>                | <b>Operation Name</b>                  | <b>Location</b>                |
|-----------------------|--------------------------------------|--|--------------------------------|
| Walechka Incorporated | N12893 Mack Rd D-1, Carney, MI 49812 | Pryal                                  | Sec 22 & Sec 27,<br>T39N, R23W |
| Unknown               | Unknown                              | 18th Road (Hughes)                     | SE SE, Sec 4,<br>T39N, R23W    |
| Unknown               | Unknown                              | V.25 Road                              | SE NW, Sec 34,<br>T42N, R21W   |
| Unknown               | Unknown                              | Heidbrier                              | SW NE, Sec 35,<br>T42N, R21W   |
| Unknown               | Unknown                              | County Road 420 (Barron<br>Farms)      | NE SW, Sec 19,<br>T40N, R22W   |
| Unknown               | Unknown                              | Beaver Lane                            | NE NE, Sec 14,<br>T41N, R23W   |
| Unknown               | Unknown                              | C Road (Delta Men County<br>Line Road) | SW SW, Sec 30,<br>T38N, R24W   |

**DICKINSON**

| <b>Owner/Operator</b>            | <b>Office Address</b>                            | <b>Operation Name</b> | <b>Location</b>                      |
|----------------------------------|--|-----------------------|--------------------------------------|
| A Lindberg & Sons, Inc.          | N4664 M-95, Iron Mountain, MI 49801              | M-95 Pit & Plant      | Sec 5 & Sec 6,<br>T40N, R30W         |
| Bacco Construction Company       | N3676 US-2, Iron Mountain, MI 49801              | Moyle                 | N/2 S/2 NW, Sec 4,<br>T39N, R30W     |
| Bacco Construction Company       | N3676 US-2, Iron Mountain, MI 49801              | Hydraulic Falls Road  | W/2 NW & SE NW,<br>Sec 5, T39N, R30W |
| Bacco Construction Company       | N3676 US-2, Iron Mountain, MI 49801              | Breitung Avenue       | N/2 SW, Sec 5,<br>T39N, R30W         |
| Butterfield Yard Service, Inc.   | N4501 M-95, Iron Mountain, MI 49801              | Spring Lake (Ozzelo)  | NW NE, Sec 7,<br>T40N, R30W          |
| Champion, Inc.                   | 180 Traders Mine Rd, Iron Mountain, MI<br>49801  | Moon Lake             | Sec 19 & Sec 20,<br>T40N, R30W       |
| Dickinson County Road Commission | 1107 S Milwaukee Ave, Iron Mountain, MI<br>49801 | US-141                | SW NE & NW SE,<br>Sec 4, T39N, R30W  |

**DICKINSON**

| <b>Owner/Operator</b>                  | <b>Office Address</b>                           | <b>Operation Name</b> | <b>Location</b>                              |
|--|---|-----------------------|--|
| Midwest Gravel, Inc.                   | 609 S Carpenter Ave, Kingsford, MI 49802        | Anderson #2           | Sec 4 & Sec 5,<br>T39N, R30W                 |
| Payne & Dolan, Inc.                    | 801 Clark Dr., Gladstone, MI 49837              | Felch Quarry          | W/2 SE & SE SW,<br>Sec 26, T42N, R28W        |
| Payne & Dolan, Inc.                    | 801 Clark Dr., Gladstone, MI 49837              | Sarnowski             | NE SW, Sec 28,<br>T39N, R28W                 |
| Peters Construction Company            | 3325 E Kilgore Rd, Kalamazoo, MI 49001          | Swanson               | SE SE, Sec 29,<br>T41N, R30W                 |
| Peters Construction Company            | 3325 E Kilgore Rd, Kalamazoo, MI 49001          | Loretto #2            | Sec 18, T39N R28W<br>& Sec 13, T39N,<br>R29W |
| RH Huhtala Aggregates, Inc.            | 18154 US-Hwy 41, L'Anse, MI 49946               | Loretto #1            | NE/4, Sec 20,<br>T39N, R28W                  |
| Rieth-Riley Construction Company, Inc. | W6536 US-2, Quinnesec, MI 49876                 | Olson #2              | W/2 NE, Sec 1,<br>T39N, R30W                 |
| Twin Falls Sand & Gravel               | W7925 Schettler Dr., Iron Mountain, MI<br>49801 | Becker Drive          | NW NW, Sec 16,<br>T40N, R30W                 |
| Unknown                                | Unknown   | Randville/Shog        | E/2 SE, Sec 28,<br>T42N, R30W                |
| Unknown                                | Unknown   | Keil Ridge Quarry     | S/2 SW, Sec 33,<br>T40N, R30W                |
| Unknown                                | Unknown   | Tunney                | SE NW, Sec 4,<br>T39N, R30W                  |
| Unknown                                | Unknown   | Harding Lake          | NW SW, Sec 3,<br>T40N, R30W                  |
| Unknown                                | Unknown   | Byers Road            | SW NW, Sec 16,<br>T43N, R30W                 |
| Unknown                                | Unknown   | Forstrom Road         | SW NE, Sec 28,<br>T42N, R28W                 |
| Unknown                                | Unknown   | Finn Town Road        | SE NE, Sec 11,<br>T41N, R28W                 |
| Unknown                                | Unknown   | Cayemberg             | NW SW, Sec 32,<br>T39N, R28W                 |

**DICKINSON**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b> | <b>Location</b>              |
|-----------------------|-----------------------|-----------------------|------------------------------|
| Unknown               | Unknown               | Old US-2              | NW/4, Sec 21,<br>T39N, R28W  |
| Unknown               | Unknown               | Norway (Lake Road)    | NE NW, Sec 16,<br>T39N, R29W |

**EATON**

| <b>Owner/Operator</b>              | <b>Office Address</b>                    | <b>Operation Name</b>                 | <b>Location</b>                     |
|------------------------------------|--|---------------------------------------|-------------------------------------|
| A. McLean & Son Trucking, Inc.     | 9801 Oneida Rd, Grand Ledge, MI 48837    | Nixon Road                            | Sec 6, T4N, R3W                     |
| C&D Hughes, Inc.                   | 3097 Lansing Rd, Charlotte, MI 48813     | Potterville                           | N/2 SE, Sec 27,<br>T3N, R4W         |
| Crandell Brothers Trucking Company | 800 Island Hwy, Charlotte, MI 48813      | M-50/Clinton Trail (Crandell<br>#1)   | Sec 15, T2N, R4W                    |
| Davis Construction, Inc.           | 5236 Dumond Ct, Ste A, Lansing, MI 48917 | Shaytown Road                         | SE NE, Sec 14,<br>T4N, R6W          |
| Eaton County Road Commission       | 1112 Reynolds Rd, Charlotte, MI 48813    | Gibson                                | N/2 NE & SW NE,<br>Sec 32, T1N, R5W |
| Ellett Enterprises                 | 3535 Lansing Rd, Charlotte, MI 48813     | Ellett/Kingsbury                      | E/2 SW, Sec 19,<br>T1N, R5W         |
| Gale Briggs, Inc.                  | 311 State St, Charlotte, MI 48813        | Carlisle Highway (Briggs)             | W/2 NE & NE NW,<br>Sec 24, T2N, R5W |
| Gale Briggs, Inc.                  | 311 State St, Charlotte, MI 48813        | Vermontville                          | W/2 NE & NW SE,<br>Sec 20, T3N, R6W |
| Olivue Sand & Gravel               | 6098 Sherwood Hwy, Olivet, MI 49076      | Sherwood Highway                      | E/2 NE, Sec 25,<br>T1N, R6W         |
| Risner Sand & Gravel, LLC          | 6455 Jackson Rd, Saranac, MI 48881       | Hogsback Road                         | NW SE & NE SW,<br>Sec 4, T1N, R3W   |
| Unknown                            | Unknown                                  | M-99/Michigan Road<br>(Adams/Sweezey) | NW/4, Sec 13,<br>T2N, R3W           |
| Unknown                            | Unknown                                  | Kelly Highway                         | E/2 NW, Sec 3,<br>T3N, R6W          |

**EATON**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b> | <b>Location</b>           |
|-----------------------|-----------------------|-----------------------|---------------------------|
| Unknown               | Unknown               | Almy                  | NE SW, Sec 9,<br>T3N, R3W |

**EMMET**

| <b>Owner/Operator</b>   | <b>Office Address</b>                              | <b>Operation Name</b> | <b>Location</b>                    |
|---|--|-----------------------|------------------------------------|
| Blumke Bros Redi-Mix and Excavating, Inc.                     | 5215 Powers Rd, Alanson, MI 49706                  | Blumke Road           | Sec 9 & Sec 16,<br>T35N, R4W       |
| Daniels Pig N' Dig, Inc.                                      | 1415 Cedar Valley Rd, Petoskey, MI 49770           | Cedar Valley Road     | S/2 NW, Sec 10,<br>T34N, R5W       |
| Darrow Brothers Excavating, Inc.                              | 580 S Nicolet St, Mackinaw City, MI 49701          | Mackinaw Highway      | S/2 SE, Sec 25,<br>T39N, R4W       |
| Emmet County Road Commission                                  | 2265 E Hathaway Rd, Harbor Springs, MI<br>49740    | Mitchell Road #2      | SW SE & SE SW,<br>Sec 3, T34N, R4W |
| Emmet County Road Commission                                  | 2265 E Hathaway Rd, Harbor Springs, MI<br>49740    | Reed Road East        | SW SW, Sec 27,<br>T38N, R4W        |
| Emmet County Road Commission                                  | 2265 E Hathaway Rd, Harbor Springs, MI<br>49740    | Cahhal                | SE SW, Sec 34,<br>T38N, R4W        |
| Emmet County Road Commission                                  | 2265 E Hathaway Rd, Harbor Springs, MI<br>49740    | Sunny Ridge Road      | NE SE, Sec 19,<br>T36N, R4W        |
| Halliday Sand & Gravel, Inc.                                  | 1128 Federal Ave, Houghton Lake, MI<br>48629       | Rustic Road           | S/2 NE, Sec 36,<br>T35N, R5W       |
| Harbor Springs Excavating, Inc. (Gallagher's<br>Gravel, Inc.) | 1084 McBride Park Dr., Harbor Springs, MI<br>49740 | Reed Road West        | SE SE, Sec 28,<br>T38N, R4W        |
| Jack's Trucking & Excavating, Inc.                            | 6944 E Mitchell Rd, Petoskey, MI 49770             | Mitchell Road #1      | SE SW, Sec 6,<br>T34N, R4W         |
| Lechowicz Excavating  | 1501 W Van Rd, Pellston, MI 49769                  | Van Road              | W/2 NE, Sec 20,<br>T37N, R5W       |
| M & W Poquette Excavating, Inc.                               | 989 Berger Rd, Petoskey, MI 49770                  | Seldon/Botsford Road  | N/2 NW, Sec 1,<br>T34N R4W         |
| MDC Contracting, LLC  | 5481 US-31, Charlevoix, MI 49720                   | Pickerel Lake Road    | SW SW, Sec 25,<br>T35N, R5W        |



**EMMET**

| <b>Owner/Operator</b>                  | <b>Office Address</b>                        | <b>Operation Name</b>                 | <b>Location</b>                       |
|--|--|---------------------------------------|---------------------------------------|
| MDC Contracting, LLC                   | 5481 US-31, Charlevoix, MI 49720             | Red School Road                       | NW NE, Sec 21,<br>T36N, R4W           |
| Payne & Dolan, Inc.                    | 7491 Sommers Rd, Levering, MI 49755          | Sommers Road (Snider<br>Construction) | S/2 NE, Sec 26,<br>T38N, R4W          |
| Rieth-Riley Construction Company, Inc. | 6795 US-31, Charlevoix, MI 49720             | Bellmer Road                          | S/2 NE & N/2 SE,<br>Sec 25, T35N, R5W |
| Rieth-Riley Construction Company, Inc. | 6795 US-31, Charlevoix, MI 49720             | Robinson Road (Jurek)                 | SE SE, Sec 35,<br>T37N, R5W           |
| Rieth-Riley Construction Company, Inc. | 6795 US-31, Charlevoix, MI 49720             | Powers Road (Lewis)                   | NE NW & NW NE,<br>Sec 17, T35N, R4W   |
| Rieth-Riley Construction Company, Inc. | 6795 US-31, Charlevoix, MI 49720             | James                                 | E/2 SW, Sec 16,<br>T35N, R4W          |
| Sackrider Construction Services, LLC   | 704 W Conway Rd, Harbor Springs, MI<br>49740 | Conway Pit                            | N/2 SE, Sec 15,<br>T35N, R5W          |
| Sackrider Construction Services, LLC   | 4301 US-31, Levering, MI 49755               | US-31                                 | SE SW, Sec 10,<br>T37N, R4W           |
| Spierling Trucking & Excavating, Inc.  | 2772 Pleasantview Rd, Pellston, MI 49769     | Litzner Road                          | SW NW, Sec 35,<br>T38N, R4W           |
| Super M Excavating & Development, Inc. | 2595 Camp Rd, Pellston, MI 49769             | Super M                               | Sec 34 & Sec 35,<br>T38N, R4W         |
| Williams Excavating, Inc.              | 8196 Milton Rd, Alanson, MI 49706            | Moore Road Pit                        | NW SW, Sec 9,<br>T35N, R4W            |
| Unknown                                | Unknown                                      | South State Road                      | Sec 11 & Sec 14,<br>T36N, R6W         |
| Unknown                                | Unknown                                      | North State Road                      | SW NW, Sec 15,<br>T37N, R6W           |

**GENESEE**

| <b>Owner/Operator</b>           | <b>Office Address</b>             | <b>Operation Name</b> | <b>Location</b>            |
|---------------------------------|-----------------------------------|-----------------------|----------------------------|
| Johnson & Sons Excavating, Inc. | 10025 Gale Rd, Goodrich, MI 48438 | Sojourner Drive       | SE NW, Sec 15,<br>T6N, R8E |

**GENESEE**

| <b>Owner/Operator</b>          | <b>Office Address</b>                    | <b>Operation Name</b> | <b>Location</b>                      |
|--------------------------------|--|-----------------------|--------------------------------------|
| Genesee County Road Commission | 11288 Seymour Rd, Montrose, MI 48457     | Seymour Road          | S/2 NE, Sec 21,<br>T9N, R5E          |
| I-75 Sand, LLC                 | 4144 Mt. Morris Rd, Mt. Morris, MI 48458 | Mt. Morris Road       | W/2 SE, Sec 4,<br>T8N, R6E           |
| M-57 Aggregate Company         | 170 W State St, Montrose, MI 48457       | McKinley Road         | S/2 NW & N/2 SW,<br>Sec 27, T9N, R5E |
| Mark Martin & Sons, Inc.       | 13295 N State Rd, Otisville, MI 48463    | North State Road      | SW NE & S/2 NW,<br>Sec 9, T9N, R8E   |
| Unknown                        | 12473 Seymour Rd, Montrose, MI 48457     | Montrose Orchards     | N/2 NE, Sec 16,<br>T9N, R5E          |

**GLADWIN**

| <b>Owner/Operator</b>               | <b>Office Address</b>                         | <b>Operation Name</b>       | <b>Location</b>              |
|-------------------------------------|---|-----------------------------|------------------------------|
| Arden Shell Trucking                | 2596 Weber Rd, Gladwin, MI 48624              | Weber Road Pit              | E/2 SE, Sec 31,<br>T19N, R1W |
| Greaves Trucking, Inc.              | 395 James Robertson Dr., Gladwin, MI<br>48624 | Buzzell Road Pit            | NW/4, Sec 11,<br>T18N, R2W   |
| Beaverton Security Excavating, Inc. | 422 E Glidden Rd, Beaverton, MI 48612         | Glidden Road                | N/2 SW, Sec 7,<br>T17N, R1W  |
| Dinkens Excavating, Inc.            | 3065 Sugar River Rd, Gladwin, MI 48264        | Sugar River Road (Young)    | NE NE, Sec 13,<br>T20N, R2W  |
| Donn's Trucking & Excavating, LLC   | 1141 Chappel Dam Rd, Gladwin, MI 48624        | M-18                        | NW NE, Sec 36,<br>T19N, R2W  |
| Halliday Sand & Gravel, Inc.        | 1128 Federal Ave, Houghton Lake, MI<br>48629  | Round Lake Road<br>(Goheen) | NE SE, Sec 12,<br>T20N, R2W  |
| Warner Excavating & Contracting     | 2345 S River Rd, Beaverton, MI 48612          | River Road                  | NW SE, Sec 30,<br>T18N, R1W  |
| Unknown                             | Unknown                                       | Eaton Road (Hayward)        | N/2 NE, Sec 18,<br>T19N, R2W |

**GOGEBIC**

| <b>Owner/Operator</b>                                      | <b>Office Address</b>                             | <b>Operation Name</b>        | <b>Location</b>                        |
|--|---|------------------------------|--|
| Angelo Luppino, Inc. (Ironwood Ready Mix & Trucking, Inc.) | 500 Bonnie Rd, Ironwood, MI 49938                 | Newport Bonnie Mine          | S/2 NE, Sec 24,<br>T47N, R47W          |
| Angelo Luppino, Inc.                                       | 500 Bonnie Rd, Ironwood, MI 49938                 | Hedberg Road                 | S/2 NW & NE SW,<br>Sec 33, T48N, R46W  |
| Bacco Construction Company                                 | N3676 US-2, Iron Mountain, MI 49801               | Stone Road (Steiger)         | N/2 SW, Sec 35,<br>T48N, R46W          |
| Gogebic County Road Commission                             | 100 W Iron St, Bessemer, MI 49911                 | County Road 513              | S/2 SW, Sec 8,<br>T48N, R46W           |
| Gogebic County Road Commission                             | 100 W Iron St, Bessemer, MI 49911                 | Dunham Road                  | NW SW & SW NW,<br>Sec 14, T46N, R44W   |
| Hartman Trucking & Excavation, LLC                         | E13804 US-2, Marenisco, MI 49947                  | US-2 (Marenisco)             | NW NE, Sec 17,<br>T46N, R43W           |
| Mathy Construction Company                                 | 920 10th Ave N, Onalaska, WI 54650                | Junet Road (Wieneri)         | N/2 SW & S/2 NW,<br>Sec 33, T48N, R47W |
| Norman Pestka Construction, Inc.                           | 115 Old Norwich Trl, Ontonagon, MI 49953          | Marenisco                    | SE NE & NE SE, Sec<br>16, T46N, R43W   |
| Northeast Asphalt, Inc. (Payne & Dolan, Inc.)              | 4084 US-2, Iron River, MI 49935                   | Black River Road             | Sec 7 & Sec 8,<br>T48N, R46W           |
| Payne & Dolan, Inc.  | 1025 County Lane, Unit #1, Ishpeming, MI<br>49849 | N County Road 519            | NW SE, Sec 27,<br>T48N, R45W           |
| Pitlik and Wick, Inc.                                      | 8075 County D, Eagle River, WI 54521              | Old US-2                     | SE SE, Sec 13,<br>T45N, R39W           |
| R & Js Sand & Gravel                                       | 208 N Cedar Ave, Bessemer, MI 49911               | Colgin                       | SW NW, Sec 27,<br>T48N, R45W           |
| Ruotsala Construction                                      | E5299 Hannu Rd, Ironwood, MI 49938                | Rooni Lane                   | S/2 NW, Sec 29,<br>T48N, R46W          |
| Tiziani Sand & Gravel, LLC                                 | E4251 Lake Rd, Ironwood, MI 49938                 | Tiziani                      | NE SE, Sec 8,<br>T48N, R47W            |
| USDA Forest Service, Ottawa National Forest                | E6248 US-2, Ironwood, MI 49938                    | Thousand Island Lake<br>Road | SW NW & NW SW,<br>Sec 25, T45N, R40W   |
| Unknown  | Unknown   | White Pine Drive (Maher)     | SW NE, Sec 34,<br>T45N, R39W           |

**GOGEBIC**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b>            | <b>Location</b>               |
|-----------------------|-----------------------|----------------------------------|-------------------------------|
| Unknown               | Unknown               | GMO Threshold Timber #1          | NE SW, Sec 4,<br>T46N, R42W   |
| Unknown               | Unknown               | GMO Threshold Timber #2          | W/2 SW, Sec 4,<br>T46N, R42W  |
| Unknown               | Unknown               | US-2 (Watersmeet)                | NW NE, Sec 35,<br>T45N, R39W  |
| Unknown               | Unknown               | Jarvi Road                       | SE SW, Sec 29,<br>T49N, R47W  |
| Unknown               | Unknown               | Forest Road 648                  | W/2 SE, Sec 15,<br>T48N, R45W |
| Unknown               | Unknown               | S Black River Road<br>(Niemi #1) | NE SW, Sec 5,<br>T46N, R46W   |
| Unknown               | Unknown               | S Black River Road<br>(Niemi #2) | SE NW, Sec 5,<br>T46N, R46W   |
| Unknown               | Unknown               | S County Road 519<br>(Wakefield) | SW NE, Sec 33,<br>T47N, R45W  |
| Unknown               | Unknown               | S County Road 519<br>(Koruga)    | NE NW, Sec 33,<br>T47N, R45W  |
| Unknown               | Unknown               | Windsock Lane                    | NW SE, Sec 30,<br>T48N, R46W  |
| Unknown               | Unknown               | US-2 (Gratch)                    | SE NE, Sec 25,<br>T45N, R40W  |

**GRAND TRAVERSE**

| <b>Owner/Operator</b>         | <b>Office Address</b>                                | <b>Operation Name</b>               | <b>Location</b>               |
|-------------------------------|--|-------------------------------------|-------------------------------|
| Alpers Excavating, Inc.       | 16 S West Silver Lake Rd, Traverse City,<br>MI 49685 | Northwind Drive                     | SE NW, Sec 33,<br>T27N, R11W  |
| Eastwood Excavating, LLC      | 848 US-31 South, Traverse City, MI 49685             | Hannah Road                         | W/2 NW, Sec 34,<br>T26N, R11W |
| Elmer's Crane and Dozer, Inc. | 3600 Rennie School Rd, Traverse City, MI<br>49685    | Lemcool Road<br>(Carlisle/Spangler) | E/2 SE, Sec 30,<br>T26N, R11W |

**GRAND TRAVERSE**

| <b>Owner/Operator</b>                  | <b>Office Address</b>                          | <b>Operation Name</b>   | <b>Location</b>                   |
|--|--|-------------------------|-----------------------------------|
| Elmer's Crane and Dozer, Inc.          | 3600 Rennie School Rd, Traverse City, MI 49685 | Norton Road             | SE NW & NE SW, Sec 30, T26N, R11W |
| Elmer's Crane and Dozer, Inc.          | 3600 Rennie School Rd, Traverse City, MI 49685 | Sundowner Drive         | NE SW & NW SE, Sec 33, T27N, R11W |
| Elmer's Crane and Dozer, Inc.          | 3600 Rennie School Rd, Traverse City, MI 49685 | Bunker Hill Road        | NE NE, Sec 12, T27N, R10W         |
| Molon Excavating, Inc.                 | 125 Buckshot Dr., Traverse City, MI 49684      | W River Road (Wheelock) | S/2 SW, Sec 2, T26N, R11W         |
| Rieth-Riley Construction Company, Inc. | 4435 M-37 S, Grawn, MI 49637                   | Schworm                 | S/2 NW, Sec 9, T26N, R11W         |
| Rieth-Riley Construction Company, Inc. | 4435 M-37 S, Grawn, MI 49637                   | Walton #1               | N/2 NW, Sec 9, T26N, R11W         |
| Schworm Excavating, Inc.               | 8755 US-31 S, Grawn, MI 49637                  | Hill-Top                | S/2 SE, Sec 29, T26N, R11W        |
| Unknown                                | Unknown  | Zimmerman Road          | Sec 18 & Sec 19, T27N, R11W       |
| Unknown                                | Unknown  | Red School Road (Weber) | E/2 NE, Sec 33, T26N, R11W        |
| Unknown                                | Unknown  | Skegemog Point Road     | NW SW, Sec 25, T28N, R9W          |
| Unknown                                | Unknown  | Kylseka Road            | NE NW, Sec 33, T27N, R11W         |
| Unknown                                | Unknown  | Fromholz Road           | NE NW, Sec 12, T26N, R11W         |

**GRATIOT**

| <b>Owner/Operator</b>       | <b>Office Address</b>                  | <b>Operation Name</b> | <b>Location</b>            |
|-----------------------------|--|-----------------------|----------------------------|
| Hubscher & Son, Inc.        | 8189 W Washington Rd, Sumner, MI 48889 | N Warner Road         | Sec 33 & Sec 34, T11N, R4W |
| Loomis Sand and Gravel, LLC | 11696 N Warner Rd, Elwell, MI 48832    | Osborne Road          | SW NW, Sec 21, T12N, R4W   |

**GRATIOT**

| <b>Owner/Operator</b>   | <b>Office Address</b>            | <b>Operation Name</b> | <b>Location</b>                      |
|-------------------------|----------------------------------|-----------------------|--------------------------------------|
| O'Boyle F Trucking, LLC | 7265 N Winans Rd, Alma, MI 48801 | Winans Road           | S/2 NW, Sec 29,<br>T12N, R3W         |
| Unknown                 | Unknown                          | Pierce Road           | SW SE, Sec 9,<br>T10N, R1W           |
| Unknown                 | Unknown                          | Ferris Road           | SW NW, Sec 17,<br>T12N, R4W          |
| Unknown                 | Unknown                          | Pingree Road          | E/2 NE & SW NE,<br>Sec 23, T11N, R4W |
| Unknown                 | Unknown                          | Woodbridge Road       | N/2 SW, Sec 2,<br>T10N, R1W          |

**HILLSDALE**

| <b>Owner/Operator</b>                            | <b>Office Address</b>                    | <b>Operation Name</b>    | <b>Location</b>                    |
|--|--|--------------------------|------------------------------------|
| B & G Sand & Gravel                              | 6689 S Hillsdale Rd, Hillsdale, MI 49242 | Hillsdale Road (Todd)    | N/2 SW, Sec 26,<br>T7S, R3W        |
| Carr Brothers and Sons, Inc.                     | 13613 E Erie Rd, Albion, MI 49224        | Homer Road (Wade)        | NW NW, Sec 24,<br>T5S, R4W         |
| Carr Brothers and Sons, Inc.                     | 13613 E Erie Rd, Albion, MI 49224        | Beck Road                | SW SE, Sec 16,<br>T6S, R3W         |
| Carr Brothers and Sons, Inc.                     | 13613 E Erie Rd, Albion, MI 49224        | Hillsdale Road (Leaders) | S/2 NE, Sec 3,<br>T7S, R3W         |
| Glacial Sand & Stone (Gerken Materials, Inc.)    | 1660 E Chicago Rd, Jonesville, MI 49250  | Jonesville               | Sec 26-27, T5S,<br>R3W             |
| Hartley Excavating                               | 16435 Medina Rd, Hudson, MI 49247        | Elm Road                 | NW SW, Sec 25,<br>T7S, R1W         |
| Hillsdale County Road Commission                 | 1919 Hudson Rd, Hillsdale, MI 49242      | Pittsford Road           | SE SE, Sec 25,<br>T7S, R2W         |
| Hillsdale Sand & Gravel (Gerken Materials, Inc.) | 11671 Tripp Rd, Waldron, MI 49288        | Tripp Road               | Sec 23, T8S, R2W                   |
| Larry Siegel Excavating, Inc.                    | 7251 Carncross Rd, Pittsford, MI 49271   | Hudson Road              | SW NE & NW SE,<br>Sec 10, T7S, R2W |

**HILLSDALE**

| <b>Owner/Operator</b>                | <b>Office Address</b>                 | <b>Operation Name</b>   | <b>Location</b>             |
|--------------------------------------|---------------------------------------|-------------------------|-----------------------------|
| MW Burns Excavating & Gravel         | 8888 S Cronk Rd, Litchfield, MI 49252 | Homer Road (Burns)      | W/2 NE, Sec 14,<br>T5S, R4W |
| Shannon Excavating and Asphalt, Inc. | 4140 Rumsey Rd, Pittsford, MI 49271   | Beecher Road            | NE NW, Sec 10,<br>T7S, R2W  |
| Shannon Excavating and Asphalt, Inc. | 4140 Rumsey Rd, Pittsford, MI 49271   | Bird Lake Road          | NE NE, Sec 16,<br>T7S, R2W  |
| Sparks & Sons Excavating             | 1178 Collard Rd, Jonesville, MI 49250 | Litchfield Road         | W/2 SE, Sec 10,<br>T5S, R3W |
| Stoneco, Inc.                        | 8760 E Chicago Rd, Horton, MI 49426   | Moscow                  | Sec 1 & Sec 12,<br>T5S, R2W |
| Unknown                              | Unknown                               | Meridian Road (Cox)     | NW SE, Sec 25,<br>T7S, R1W  |
| Unknown                              | Unknown                               | Meridian Road (Shaffer) | SE SE, Sec 24,<br>T7S, R1W  |
| Unknown                              | Unknown                               | Blackbridge Road        | NW SW, Sec 9,<br>T7S, R2W   |

**HOUGHTON**

| <b>Owner/Operator</b>                                | <b>Office Address</b>               | <b>Operation Name</b> | <b>Location</b>                       |
|--|-------------------------------------|-----------------------|---------------------------------------|
| Great Lakes Minerals Works, LLC (Moyle Construction) | 46702 M-26, Atlantic Mine, MI 49905 | Dodgeville            | E/2 NW & NW NE,<br>Sec 11, T54N, R34W |
| Great Lakes Minerals Works, LLC (Moyle Construction) | 46702 M-26, Atlantic Mine, MI 49905 | Green Acres Road      | N/2 SE, Sec 10,<br>T54N, R34W         |
| Great Lakes Minerals Works, LLC (Moyle Construction) | 46702 M-26, Atlantic Mine, MI 49905 | M-26 (Dollar Bay)     | NW SE & SW NE,<br>Sec 32, T55N, R33W  |
| Great Lakes Minerals Works, LLC (Moyle Construction) | 46702 M-26, Atlantic Mine, MI 49905 | Old Road              | SW SW, Sec 9,<br>T53N, R34W           |
| Great Lakes Minerals Works, LLC (Moyle Construction) | 46702 M-26, Atlantic Mine, MI 49905 | Spruce Street         | N/2 NW, Sec 23,<br>T56N, R33W         |
| Mattila Rock & Dock, LLC                             | 1508 Jasberg St, Hancock, MI 49930  | Snowmobile Club Road  | Sec 3, T54N, R34W                     |

**HOUGHTON**

| <b>Owner/Operator</b>        | <b>Office Address</b>                          | <b>Operation Name</b>     | <b>Location</b>                     |
|------------------------------|--|---------------------------|-------------------------------------|
| Payne & Dolan, Inc.          | 1025 County Lane, Unit #1, Ishpeming, MI 49849 | Lake Annie (Vitto)        | S/2 SW, Sec 11, T55N, R34W          |
| Payne & Dolan, Inc.          | 1025 County Lane, Unit #1, Ishpeming, MI 49849 | Valley View               | N/2 NE & SE NE, Sec 15, T54N, R34W  |
| Payne & Dolan, Inc.          | 1025 County Lane, Unit #1, Ishpeming, MI 49849 | Gedvillas Road            | Sec 28 & Sec 29, T55N, R34W         |
| Pebbles, Inc.                | 498 Tomasi Dr., Mohawk, MI 49950               | Tomasi Drive              | N/2 SW & W/2 NW, Sec 22, T55N, R34W |
| Superior Sand & Gravel, Inc. | 1028 Ethel Ave, Hancock, MI 49930              | Jasberg Street            | NE SW & W/2 NW, Sec 27, T55N, R34W  |
| Superior Sand & Gravel, Inc. | 1028 Ethel Ave, Hancock, MI 49930              | Tamarack Road             | SE SW, Sec 11, T56N, R33W           |
| Turpeinen Bros., Inc.        | 12920 M-38, Alston, MI 49958                   | M-38                      | W/2 SE, Sec 31, T51N, R36W          |
| Unknown                      | Unknown  | Valley Road (Anttila)     | S/2 SE, Sec 21, T56N, R32W          |
| Unknown                      | Unknown  | Valley Road (Burcar)      | SW NW, Sec 9, T56N, R32W            |
| Unknown                      | Unknown  | Tamarack #2               | SE SE, Sec 11, T56N, R33W           |
| Unknown                      | Unknown  | Copper City Road          | NW, Sec 5, T56N R32W                |
| Unknown                      | Unknown  | Lake Annie Road           | SW NE, Sec 11, T55N, R34W           |
| Unknown                      | Unknown  | Lake Annie Road Cross Cut | NE SE, Sec 14, T55N, R34W           |

**HURON**

| <b>Owner/Operator</b>                      | <b>Office Address</b>            | <b>Operation Name</b> | <b>Location</b>    |
|--|----------------------------------|-----------------------|--------------------|
| Ace-Saginaw Asphalt (The Levy Group, Inc.) | 2749 Priemer Rd, Ubyly, MI 48475 | Priemer Road north    | Sec 11, T15N, R13E |



**HURON**

| <b>Owner/Operator</b>                      | <b>Office Address</b>                        | <b>Operation Name</b>                   | <b>Location</b>                        |
|--|--|---|--|
| Bischer Ready Mix, Inc.                    | 6121 Purdy Rd, Ruth, MI 48470                | Thompson Road                           | W/2 NE & E/2 NW,<br>Sec 29, T16N, R13E |
| Burroughs Materials (The Levy Group, Inc.) | 8785 Ribble Rd., Bayport, MI 48720           | Wallace Stone Quarry                    | T16N R9W, T16N,<br>R10E, & T17N, R10E  |
| Central Stone and Gravel, LLC              | 1576 McIntyre Rd, Ubly, MI 48475             | Stambaugh Road                          | W/2 NW, Sec 16,<br>T15N, R13E          |
| Clancy Brothers Excavating, Inc.           | 8074 N Van Dyke Rd, Port<br>Austin, MI 48467 | N Van Dyke Road                         | SE NW & NE SW,<br>Sec 31, T19N, R13E   |
| Clancy Brothers Excavating, Inc.           | 8074 N Van Dyke Rd, Port Austin, MI<br>48467 | Kennedy Road                            | SE SW, Sec 10,<br>T18N, R12E           |
| Clancy Brothers Excavating, Inc.           | 8074 N Van Dyke Rd, Port Austin, MI<br>48467 | Weaver Road                             | SW NE, Sec 17,<br>T18N, R12E           |
| Clancy Brothers Excavating, Inc.           | 8074 N Van Dyke Rd, Port Austin, MI<br>48467 | Kilmanagh Road                          | E/2 NW, Sec 1,<br>T15N, R11E           |
| Flat Rock Farm, LLC                        | 1962 Old Shore Dr, Harbor Beach, MI<br>48441 | Huron City Road<br>(Cornerstone Quarry) | SE NE, Sec 16,<br>T18N, R14E           |
| Goretski Excavating, Inc.                  | 1931 N Thomas Rd, Bad Axe, MI 48413          | Minnick Road                            | SW SE, Sec 28,<br>T17N, R13E           |
| Heleski Gravel, Inc.                       | 4655 Ivanhoe Rd, Ubly, MI 48475              | Atwater Road                            | SE/4, Sec 22,<br>T15N, R12E            |
| Huron County Road Commission               | 417 S Hanselman St, Bad Axe, MI 48413        | McAlpin Road                            | NW SE & NE SW,<br>Sec 24, T15N R11E    |
| Huron County Road Commission               | 417 S Hanselman St, Bad Axe, MI 48413        | S Hellems Road                          | NE NE, Sec 20,<br>T16N, R13E           |
| Huron County Road Commission               | 417 S Hanselman St, Bad Axe, MI 48413        | N Hellems Road (Co. Rd.<br>Comm.)       | N/2 SW, Sec 28,<br>T17N, R13E          |
| Huron County Road Commission               | 417 S Hanselman St, Bad Axe, MI 48413        | Philip Road                             | SE SW, Sec 27,<br>T16N, R13E           |
| Huron County Road Commission               | 417 S Hanselman St, Bad Axe, MI 48413        | Carpenter Road                          | N/2 SE, Sec 16,<br>T16N, R13E          |
| K & D Transport Trucking, LLC              | 4515 S Thomas Rd, Bad Axe, MI 48413          | McMillan Road (Morell)                  | W/2 W/2 SE, Sec 22,<br>T15N, R12E      |

**HURON**

| <b>Owner/Operator</b>    | <b>Office Address</b>                  | <b>Operation Name</b>    | <b>Location</b>                       |
|--------------------------|--|--------------------------|---------------------------------------|
| Kincaid Excavating, Inc. | 4240 Jurgess Rd, Ubly, MI 48475        | Priemer Road south       | W/2 NE, Sec 14,<br>T15N, R13E         |
| Osentoski Trucking       | 4857 S Nugent Rd, Ubly, MI 48457       | Nugent Road              | E/2 SE, Sec 31,<br>T15N, R13E         |
| Vollmer Ready Mix        | 204 S Caseville Rd, Pigeon, MI 48755   | Joyce Drive              | W/2 NE, Sec 20,<br>T16N, R13E         |
| Vollmer Ready Mix        | 204 S Caseville Rd, Pigeon, MI 48755   | Popple Road              | Sec 33, T16N, R13E                    |
| Vollmer Ready Mix        | 204 S Caseville Rd, Pigeon, MI 48755   | Rescue Road              | NW SE & SW NE,<br>Sec 19, T15N, R12E  |
| West Side Sand Products  | 2255 S Grassmere Rd, Bad Axe, MI 48413 | Grassmere Road           | N/2 SW & SW NW,<br>Sec 31, T16N, R12E |
| Unknown                  | Unknown                                | Ubly Road                | SW SE, Sec 28,<br>T16N, R13E          |
| Unknown                  | Unknown                                | Sullivan Road (Collings) | SE NE, Sec 15,<br>T16N, R13E          |
| Unknown                  | Unknown                                | S Van Dyke Road          | NW SE, Sec 23,<br>T16N R12E           |
| Unknown                  | Unknown                                | Learman Road (Collings)  | SW NE, Sec 14,<br>T16N, R13E          |
| Unknown                  | Unknown                                | Tomlinson Road           | SW SW, Sec 13,<br>T16N, R13E          |
| Unknown                  | Unknown                                | N Hellems Road (Krug)    | NE SW, Sec 16,<br>T16N, R13E          |

**INGHAM**

| <b>Owner/Operator</b>                              | <b>Office Address</b>             | <b>Operation Name</b> | <b>Location</b>             |
|--|-----------------------------------|-----------------------|-----------------------------|
| Aggregate Industries (Meyer Material Company, LLC) | 822 Schuster, Kalamazoo, MI 49001 | Crazy C               | W/2 SE, Sec 25,<br>T2N, R1W |
| Carl Schlegel, Inc.                                | 16527 Wood Rd, Lansing, MI 48906  | Osborne Road          | Sec 24, T2N, R1E            |

**INGHAM**

| <b>Owner/Operator</b>      | <b>Office Address</b>                    | <b>Operation Name</b> | <b>Location</b>                    |
|----------------------------|--|-----------------------|------------------------------------|
| Honaker Sand & Gravel, LLC | 4709 Hunt Rd, Onondaga, MI 49264         | Baseline Road         | E/2 SE, Sec 36,<br>T1N, R2W        |
| Sunrise Aggregates, LLC    | 2265 E Dansville Rd, Dansville, MI 48819 | Dexter Trail          | Secs 23-26,<br>T2N, R1E            |
| Sunrise Aggregates, LLC    | 2265 E Dansville Rd, Dansville, MI 48819 | Ives Road             | SE/4 & S/2 NE,<br>Sec 22, T2N, R1W |
| Sunrise Aggregates, LLC    | 2265 E Dansville Rd, Dansville, MI 48819 | Stockbridge           | Sec 20 & Sec 21,<br>T1N, R2E       |

**IONIA**

| <b>Owner/Operator</b>             | <b>Office Address</b>                   | <b>Operation Name</b> | <b>Location</b>                    |
|-----------------------------------|---|-----------------------|------------------------------------|
| Cannonsburg Sand & Gravel         | 10025 Belding Rd NE, Rockford, MI 49341 | 4 Mile Road           | SW NW, Sec 6,<br>T7N, R8W          |
| Charles Cusack Sand & Gravel, LLC | 1126 W Tuttle Rd, Ionia, MI 48846       | Tuttle Road Pit       | S/2 NE, Sec 35,<br>T7N, R7W        |
| C.L. Trucking & Excavating, LLC   | 256 E Parmeter Rd, Ionia, MI 48846      | Welch Road            | S/2 NW & NW NW,<br>Sec 3, T7N, R6W |
| C.L. Trucking & Excavating, LLC   | 256 E Parmeter Rd, Ionia, MI 48846      | Stoney Creek Pit      | SE NW, Sec 16,<br>T7N, R6W         |
| C.L. Trucking & Excavating, LLC   | 256 E Parmeter Rd, Ionia, MI 48846      | Wager Road            | SE NW, Sec 16,<br>T7N, R5W         |
| Cook Brothers Excavating, Inc.    | 7974 Lyons Rd, Portland, MI 48875       | Okemos Road           | NE SW, Sec 9,<br>T5N, R5W          |
| Cook Brothers Excavating, Inc.    | 7974 Lyons Rd, Portland, MI 48875       | Lyons Road            | NE NW & NW NE,<br>Sec 29, T6N, R5W |
| Cook Brothers Excavating, Inc.    | 7974 Lyons Rd, Portland, MI 48875       | M-21                  | Sec 9 & Sec 16,<br>T7N, R5W        |
| Hoekstra Excavating, Inc.         | 8313 Pratt Lake Ave, Alto, MI 49302     | Peddler Lake Road     | NE SW, Sec 9,<br>T5N, R8W          |
| Ken Coryell Trucking, Inc.        | 460 E David Hwy, Ionia, MI 48846        | Harwood Road          | N/2 NE, Sec 35,<br>T7N, R7W        |

**IONIA**

| <b>Owner/Operator</b>                          | <b>Office Address</b>                    | <b>Operation Name</b>              | <b>Location</b>                       |
|--|--|------------------------------------|---------------------------------------|
| Klahn Enterprises, LLC (K-Hillcrest Farms)     | 11963 Portland Rd, Lowell, MI 49331      | Bell Road                          | NE NE, Sec 32,<br>T6N, R8W            |
| L.D. Clark Excavating Company                  | 6851 Millett Hwy, Lansing, MI 48917      | Omara Road                         | S/2 NE, Sec 3,<br>T7N, R5W            |
| Lyons Stone & Gravel                           | 5166 Riverside Dr., Lyons, MI 48851      | E Riverside Drive<br>(Shattuck)    | N/2 SW, Sec 24,<br>T7N, R6W           |
| Ottawa Aggregates, Inc.                        | 4640 Coit Ave NE, Grand Rapids, MI 49525 | Bluewater Highway                  | E/2 NW, Sec 5,<br>T6N, R8W            |
| P B & G Sand & Gravel & Contracting<br>Company | 7520 Knox Rd, Portland, MI 48875         | Hopkins Road                       | Sec 21 & Sec 28,<br>T7N, R5W          |
| Rick Anderson Excavating, LLC                  | 10102 Fish Rd, Belding, MI 48809         | Whites Bridge Road                 | N/2 NW, Sec 21,<br>T8N, R8W           |
| Risner Sand & Gravel, LLC                      | 6455 Jackson Rd, Saranac, MI 48881       | Kyser Road                         | E/2 NW, Sec 16,<br>T6N, R8W           |
| Sebewa Sand & Gravel, LLC                      | 11858 S Keefer Hwy, Portland, MI 48875   | Bippley Road                       | S/2 SE, Sec 13,<br>T5N, R6W           |
| Shaler Excavating, Inc.                        | 2549 Riverside Dr., Saranac, MI 48881    | Riverside Drive                    | SE NW, Sec 11,<br>T6N, R8W            |
| Top Grade Aggregates, LLC                      | 468 W Sprague Rd, Ionia, MI 48846        | Ionia Pit                          | Sec 1, T6N, R7W &<br>Sec 36, T7N, R7W |
| Triple J Excavating, LLC                       | 5476 Riverside Dr., Lyons, MI 48851      | E Riverside Drive (Cusack)         | NW NE, Sec 30,<br>T7N, R6W            |
| Triple J Excavating, LLC                       | 5476 Riverside Dr., Lyons, MI 48851      | E Riverside Drive<br>(Piercefield) | NW SE, Sec 24,<br>T7N, R6W            |
| Unknown  | Unknown                                  | Nickleplate Road (Wood)            | N/2 NW, Sec 1,<br>T7N, R5W            |
| Unknown  | Unknown                                  | Nickleplate Road (Blatt)           | N/2 NE, Sec 3,<br>T7N, R5W            |
| Unknown  | Unknown                                  | Hubbardston Road<br>(Rathburn)     | SW NE, Sec 1,<br>T8N, R5W             |
| Unknown  | Unknown                                  | O'Brien Road                       | E/2 NW, Sec 11,<br>T8N, R5W           |

**IONIA**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b> | <b>Location</b>             |
|-----------------------|-----------------------|-----------------------|-----------------------------|
| Unknown               | Unknown               | Stage Road            | S/2 SE, Sec 34,<br>T8N, R6W |
| Unknown               | Unknown               | Peckins Road east     | N/2 NW, Sec 33,<br>T7N, R5W |
| Unknown               | Unknown               | Peckins Road west     | W/2 NW, Sec 33,<br>T7N, R5W |

**IOSCO**

| <b>Owner/Operator</b>                               | <b>Office Address</b>                  | <b>Operation Name</b> | <b>Location</b>                       |
|---|--|-----------------------|---------------------------------------|
| Bolen Development Corporation                       | 213 Smith St, East Tawas, MI 48730     | Aulerich Road         | NW NW, Sec 13,<br>T22N, R8E           |
| Katterman Trucking, Inc.                            | 1777 M-65, Hale, MI 48739              | M-65                  | SW NE & NW SE,<br>Sec 3, T22N, R5E    |
| Schaaf & Associates Construction, Inc.              | 1860 N US-23, East Tawas, MI 48730     | Lincoln Street        | E/2 NW & W/2 NE,<br>Sec 14, T22N, R8E |
| USDA Forest Service, Huron-Manistee National Forest | 1755 S Mitchell St, Cadillac, MI 49601 | Liberty Road          | SE NE, Sec 30,<br>T24N, R5E           |
| Unknown   | Unknown                                | Esmond Road           | S/2 NE, Sec 24,<br>T23N, R5E          |
| Unknown   | Unknown                                | Towerline Road        | SW SW, Sec 13,<br>T23N, R5E           |
| Unknown   | Unknown                                | Imperial Road         | NE SW, Sec 29,<br>T22N, R6E           |
| Unknown   | Unknown                                | Galion Road           | SW SW, Sec 35,<br>T23N, R7E           |

**IRON**

| <b>Owner/Operator</b>      | <b>Office Address</b>               | <b>Operation Name</b>    | <b>Location</b>              |
|----------------------------|-------------------------------------|--------------------------|------------------------------|
| Bacco Construction Company | N3676 US-2, Iron Mountain, MI 49801 | Paint River Road (Bacco) | NW NE, Sec 19,<br>T43N, R32W |

**IRON**

| <b>Owner/Operator</b>                        | <b>Office Address</b>                         | <b>Operation Name</b>                 | <b>Location</b>                       |
|--|---|---------------------------------------|---------------------------------------|
| Hebert Construction Company                  | 107 Fourth Ave, Iron River, MI 49935          | County Road 424 (Masuga)              | E/2 NE, Sec 12,<br>T42N, R35W         |
| Iron County Road Commission                  | 800 W Franklin St, Iron River, MI 49935       | Oss Road north                        | NW NE & NE NW,<br>Sec 29, T43N, R33W  |
| Iron County Road Commission                  | 800 W Franklin St, Iron River, MI 49935       | Anderson Pit                          | E/2 NW, Sec 14,<br>T42N, R35W         |
| Mottes Materials, Inc. (Payne & Dolan, Inc.) | 4084 US-2, Iron River, MI 49935               | Mottes Pit (Caspian Lumber<br>Co. #2) | W/2 SW & SW NW,<br>Sec 22, T43N, R35W |
| Northstar Crushing & Screening, Inc.         | 8541 N 3 Ln, Gladstone, MI 49837              | Iron River                            | SW SW, Sec 26,<br>T43N, R35W          |
| Payne & Dolan, Inc.                          | N3 W23650 Badlinger Rd, Waukesha, WI<br>53188 | Camp 5                                | NW NE, Sec 1,<br>T42N, R31W           |
| Payne & Dolan, Inc.                          | N3 W23650 Badlinger Rd, Waukesha, WI<br>53188 | Iron Lake                             | SE SW, Sec 35,<br>T44N, R35W          |
| Payne & Dolan, Inc.                          | N3 W23650 Badlinger Rd, Waukesha, WI<br>53188 | Fisher Road (Santi)                   | Sec 35 & Sec 36,<br>T44N, R33W        |
| Payne & Dolan, Inc.                          | N3 W23650 Badlinger Rd, Waukesha, WI<br>53188 | Basswood Road                         | NE SE, Sec 35,<br>T44N, R36W          |
| Williams Reddi Mix, Inc.                     | 1345 W US-2, Crystal Falls, MI 49920          | Williams                              | SE SW, Sec 7,<br>T43N, R32W           |
| Williams Reddi Mix, Inc.                     | 1345 W US-2, Crystal Falls, MI 49920          | Paint River Road (Williams)           | SE SE, Sec 7,<br>T43N, R32W           |
| Unknown                                      | Unknown                                       | Oss Road south                        | W/2 SW, Sec 29,<br>T43N, R33W         |
| Unknown                                      | Unknown                                       | US-2                                  | NE SW, Sec 29,<br>T43N, R33W          |
| Unknown                                      | Unknown                                       | Osterlund Road                        | SW NW, Sec 14,<br>T42N, R35W          |
| Unknown                                      | Unknown                                       | Mineral Hills                         | Sec 23, T43N, R35W                    |
| Unknown                                      | Unknown                                       | Rosetti Road                          | SE SW, Sec 15,<br>T43N, R35W          |

**IRON**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b>           | <b>Location</b>              |
|-----------------------|-----------------------|---------------------------------|------------------------------|
| Unknown               | Unknown               | Paint River Road (Stone)        | NW SW, Sec 7,<br>T43N, R32W  |
| Unknown               | Unknown               | Paint River Road (Santi)        | SW SE, Sec 7,<br>T43N, R32W  |
| Unknown               | Unknown               | Paint River Road<br>(Excalibur) | NE SW, Sec 7,<br>T43N, R32W  |
| Unknown               | Unknown               | Old 141                         | NW SW, Sec 23,<br>T44N, R33W |

**ISABELLA**

| <b>Owner/Operator</b>                                   | <b>Office Address</b>                           | <b>Operation Name</b>    | <b>Location</b>                          |
|---|---|--------------------------|--|
| Hardcrete, Inc.   | 3610 N Rolland Rd, Weidman, MI 48893            | Rolland Road (Hardcrete) | SW NW, Sec 15,<br>T15N, R6W              |
| Hubscher & Son, Inc.                                    | 1025 N Franklin St, Mt Pleasant, MI 48858       | Drew Road                | Sec 27 & Sec 28,<br>T15N, R6W            |
| Hubscher & Son, Inc.                                    | 3400 S Littlefield Rd, Mt Pleasant, MI<br>48858 | Littlefield Road         | SE/4, Sec 19 & W/2,<br>Sec 20, T14N, R5W |
| Hubscher & Son, Inc.                                    | 3400 S Littlefield Rd, Mt Pleasant, MI<br>48858 | Broomfield Road          | Sec 29, T14N, R5W                        |
| Hubscher & Son, Inc.                                    | 3400 S Littlefield Rd, Mt Pleasant, MI<br>48858 | Coldwater Road           | N/2 SW & S/2 NW,<br>Sec 25, T14N, R6W    |
| Kenny Trucking & Excavating, Inc.                       | 10301 Warner Rd, Elwell, MI 48832               | Wise Road                | S/2 NE & E/2 NW,<br>Sec 27, T14N, R3W    |
| Malley Construction, Inc.                               | 1565 Park Pl, Mt Pleasant, MI 48858             | Jordan Road              | SE SE, Sec 28,<br>T15N, R3W              |
| Mt. Pleasant Central Concrete Products<br>Company, Inc. | 900 S Bradley St, Mt Pleasant, MI 48858         | Valley Road              | NW SE & NE SW,<br>Sec 1, T14N, R3W       |
| RG Torpey Excavating                                    | 8421 N Sherman Rd, Barryton, MI 49305           | Sherman Road             | S/2 NE, Sec 19,<br>T16N, R6W             |
| WDS Enterprises, Inc.                                   | 9369 E Blanchard Rd, Shepherd, MI 48883         | Coe Road                 | SE SW, Sec 25,<br>T13N, R4W              |

**ISABELLA**

| <b>Owner/Operator</b> | <b>Office Address</b>                   | <b>Operation Name</b> | <b>Location</b>             |
|-----------------------|---|-----------------------|-----------------------------|
| WDS Enterprises, Inc. | 9369 E Blanchard Rd, Shepherd, MI 48883 | Isabella Road         | SW SW, Sec 25,<br>T13N, R4W |
| Unknown               | Unknown                                 | Rolland Road          | SE/4, Sec 33,<br>T15N, R6W  |
| Unknown               | Unknown                                 | Loomis Road           | SW NW, Sec 15,<br>T13N, R3W |

**JACKSON**

| <b>Owner/Operator</b>                         | <b>Office Address</b>                    | <b>Operation Name</b> | <b>Location</b>                       |
|---|--|-----------------------|---------------------------------------|
| Aggregate Resources, Inc./Wahl Aggregate, LLC | 5250 Clear Lake Rd, Grass Lake, MI 49240 | Clear Lake Road       | SW NW & NW SW,<br>Sec 12, T2S, R2E    |
| Bailey Sand & Gravel Company                  | 6505 W Michigan Ave, Jackson, MI 49201   | Sandstone Pit         | Sec 35, T2S, R2W &<br>Sec 2, T3S, R2W |
| Carr Brothers & Sons, Inc.                    | 14555 Elm Row Rd, Albion, MI 49224       | Elm Row Road north    | S/2 NW & N/2 SW,<br>Sec 4, T3S, R3W   |
| Carr Brothers & Sons, Inc.                    | 14555 Elm Row Rd, Albion, MI 49224       | Elm Row Road south    | E/2 SW, Sec 4, T3S,<br>R3W            |
| Carr Brothers & Sons, Inc.                    | 14555 Elm Row Rd, Albion, MI 49224       | Crispell Lake         | NE SW & NW SE,<br>Sec 16, T4S, R1W    |
| Dirt Brothers, LLC                            | 300 O'Brien Rd, Jackson, MI 49201        | Brooklyn Road         | NE NE, Sec 27,<br>T3S, R1E            |
| Dunigan Brothers, Inc.                        | 911 E South St, Jackson, MI 49203        | Meridian Road         | E/2 SE, Sec 1,<br>T4S, R1W            |
| G&A Sand & Gravel, LLC (Willbee Concrete)     | 2323 Brooklyn Rd, Jackson, MI 49203      | Lawrence Road         | NE/4, Sec 35,<br>T4S, R2E             |
| Jackson County Road Commission                | 2400 N Elm Ave, Jackson, MI 49201        | Blue Ridge Road       | Sec 31, T3S, R1E &<br>Sec 6, T4S, R1E |
| Jackson County Road Commission                | 2400 N Elm Ave, Jackson, MI 49201        | Behling Road          | SE NE, Sec 19,<br>T3S, R3W            |
| Jackson County Road Commission                | 2400 N Elm Ave, Jackson, MI 49201        | Brills Lake Road      | E/2 SW, Sec 14,<br>T2S, R1E           |



**JACKSON**

| <b>Owner/Operator</b>               | <b>Office Address</b>                | <b>Operation Name</b> | <b>Location</b>                            |
|-------------------------------------|--------------------------------------|-----------------------|--|
| Jule Swartz & Sons Excavators, Inc. | 4500 Mann Rd, Concord, MI 49237      | Mann Road             | SW NW, Sec 20,<br>T3S, R3W                 |
| Jule Swartz & Sons Excavators, Inc. | 7855 Dixon Rd, Jackson, MI 49201     | Dixon Road            | W/2 NE & E/2 NW,<br>Sec 36, T1S, R2W       |
| Pleasant Lake Sand & Gravel, LLC    | 7811 Chubb Rd, Northville, MI 48167  | Nims Road             | W/2 NW, Sec 4 & E/2<br>NE, Sec 5, T1S, R1E |
| Zenz Gravel, LLC                    | 14001 Bohne Rd, Grass Lake, MI 49240 | Bohne Road            | E/2 SW & W/2 SE,<br>Sec 23, T2S, R2E       |
| Unknown                             | Unknown                              | Brook Trout Lane      | SW SE, Sec 17,<br>T3S, R2E                 |
| Unknown                             | Unknown                              | Bunkerhill Road       | SW/4, Sec 1,<br>T2S, R1W                   |

**KALAMAZOO**

| <b>Owner/Operator</b>                              | <b>Office Address</b>                        | <b>Operation Name</b>                | <b>Location</b>                         |
|--|--|--------------------------------------|---|
| Aggregate Industries (Meyer Material Company, LLC) | 6000 W G Ave, Kalamazoo, MI 49009            | Kalamazoo West                       | E/2 SE, Sec 35,<br>T1S, R12W            |
| Aggregate Resources, Inc.                          | 4274 Ravine Rd, Kalamazoo, MI 49002          | Ravine Road (Kalamazoo Pit)          | S/2, Sec 6,<br>T2S, R11W                |
| Aggregate Resources, Inc.                          | 15830 E Michigan Ave, Climax, MI 49034       | Burnham Lake (Climax Pit)            | Secs 23 & 26,<br>T2S, R9W               |
| Aggregate Resources, Inc.                          | 14500 E Michigan Ave, Galesburg, MI 49053    | Wood Lake (Galesburg Pit)            | S/2, Sec 22,<br>T2S, R9W                |
| Aggregate Resources, Inc.                          | 8964 Paw Paw Lake Dr., Schoolcraft, MI 49041 | Paw Paw Lake Drive (Schoolcraft Pit) | Sec 4, T4S, R12W &<br>Sec 33, T3S, R12W |
| Aggregate Resources, Inc.                          | 1500 River St, Kalamazoo, MI 49048           | U Avenue                             | N/2 SW, Sec 4,<br>T4S, R12W             |
| Aggregate Resources, Inc.                          | 6565 E K Ave, Kalamazoo, MI 49048            | K Avenue east                        | W/2 SE, Sec 17,<br>T2S, R10W            |
| Austin Sand & Gravel                               | 6375 E K Ave, Kalamazoo, MI 49048            | K Avenue west                        | SE SW, Sec 17,<br>T2S, R10W             |

**KALAMAZOO**

| <b>Owner/Operator</b>   | <b>Office Address</b>                             | <b>Operation Name</b>                   | <b>Location</b>                             |
|---|---|---|---|
| Byholt Gravel   | 11360 S 4 <sup>th</sup> St, Schoolcraft, MI 49087 | 4th Street west                         | NE/4 & NE SE,<br>Sec 5, T4S, R12W           |
| Consumers Sand & Gravel Company<br>(Consumers Concrete Corporation) | 1800 Ravine Rd, Kalamazoo, MI 49004               | Ravine Road<br>(Consumers/Superior Pit) | NE/4, Sec 8, T2S,<br>R11W                   |
| Consumers Sand & Gravel Company/ Top<br>Grade Aggregates, LLC       | 1100 Nazareth Rd, Kalamazoo, MI 49048             | Nazareth Road                           | Sec 18, T2S, R10W<br>& Sec 13, T2S,<br>R11W |
| Nichols Pit, LLC  | 11345 S 4th St, Choolcraft, MI 49087              | 4th Street east                         | SW NW, Sec 4,<br>T4S, R12W                  |
| RBC Development, LLC (Cordes Trenching<br>Co.)                      | 5588 Alpine Ave NW, Comstock Park, MI<br>49321    | Alpine Avenue                           | NW SW, Sec 23,<br>T8N, R12W                 |
| R.J. Bailey Development, LLC  | 1951 E Milham Ave, Portage, MI 49002              | Yellow Brick Road                       | W/2 SW, Sec 2,<br>T3S, R11W                 |
| Seybert's Excavating  | 15088 E L Ave, Climax, MI 49034                   | L Avenue                                | NW NW, Sec 25,<br>T2S, R9W                  |
| Vliestra Company, LLC   | 2500 Ravine Rd, Kalamazoo, MI 49004               | Ravine Road (Vliestra)                  | NW/4, Sec 8,<br>T2S, R11W                   |

**KALKASKA**

| <b>Owner/Operator</b>           | <b>Office Address</b>                   | <b>Operation Name</b>            | <b>Location</b>                      |
|---------------------------------|---|----------------------------------|--------------------------------------|
| Kalkaska County Road Commission | 1049 Island Lake Rd, Kalkaska, MI 49646 | McNulty Hill Road<br>(Leatherby) | S/2 NW & SE NE,<br>Sec 33, T28N, R8W |
| Unknown                         | Unknown                                 | Wood Road NW Pit                 | NE NW, Sec 29,<br>T28N, R7W          |
| Unknown                         | Unknown                                 | Shippy Road                      | NW SW, Sec 32,<br>T25N, R8W          |

**KENT**

| <b>Owner/Operator</b>          | <b>Office Address</b>                            | <b>Operation Name</b>         | <b>Location</b>            |
|--------------------------------|--|-------------------------------|----------------------------|
| Alaska Excavating Company, LLC | 6775 68 <sup>th</sup> St SE, Caledonia, MI 49316 | 68 <sup>th</sup> Street north | SW SE, Sec 4,<br>T5N, R10W |

**KENT**

| <b>Owner/Operator</b>                                 | <b>Office Address</b>                            | <b>Operation Name</b>                            | <b>Location</b>                   |
|---|--|--|-----------------------------------|
| Barber Creek Sand & Gravel, Inc.                      | 15666 Barber Creek Ave, Kent City, MI 49330      | Groenke #2                                       | SE NW & NE SW, Sec 15, T10N, R12W |
| Barber Creek Sand & Gravel, Inc.                      | 15666 Barber Creek Ave, Kent City, MI 49330      | 14 Mile Road                                     | W/2 SE, Sec 10, T9N, R11W         |
| Coit Avenue Gravel Company                            | 4772 Coit Ave NE, Grand Rapids, MI 49525         | Coit Ave Gr Co                                   | NE SE, Sec 29, T8N, R11W          |
| Coldwater Sand & Gravel, LLC                          | 6987 Campau Lake Dr. SE, Alto, MI 49302          | Morse Lake Road                                  | E/2 SW & NW SW, Sec 20, T5N, R9W  |
| Cordes Excavating Company                             | 1410 7 Mile Rd NW, Comstock Park, MI 49321       | Maynard Avenue                                   | SW NW, Sec 33, T7N, R12W          |
| Dean's Landscaping & Excavating, Inc.                 | 48 Long Rd, Sand Lake, MI 49343                  | Shaner Avenue                                    | S/2 SW, Sec 4, T10N, R10W         |
| Dirt Cheap Excavating & Landscaping, LLC              | 2655 Lincoln Lake Rd NE, Lowell, MI 49331        | Lincoln Lake Road                                | NW SW, Sec 2, T7N, R9W            |
| Grand Rapids Gravel Company                           | 3800 7 Mile Rd NE, Belmont, MI 49306             | 7 Mile Road (Grand Rapids Gravel Plant #18)      | NE, Sec 23, T8N, R11W             |
| Grand Rapids Gravel Company                           | 6266 West River Dr. NE, Belmont, MI 49306        | West River Drive (Grand Rapids Gravel Plant #52) | W/2 SE, Sec 22, T8N, R11W         |
| Heritage Resources, Inc./Bellevue Stone Products, LLC | 6490 68 <sup>th</sup> St SE, Caledonia, MI 49316 | 68 <sup>th</sup> Street south                    | N/2, Sec 9, T5N, R10W             |
| Hunderman and Sons Redi-Mix, Inc.                     | 1050 Maynard Ave SW, Grand Rapids, MI 49544      | Riverside Gr. Co. #1                             | SE SW, Sec 33, T7N, R12W          |
| Lakeside Aggregate, LLC                               | 13359 Belding Rd NE, Rockford, MI 49341          | Belding Road                                     | Sec 11 & Sec 14, T8N, R9W         |
| Lakeside Aggregate, LLC                               | 2471 Butterworth St SW, Grand Rapids, MI 49534   | Butterworth Street #2                            | Sec 33 & Sec 34, T7N, R12W        |
| Lakeside Aggregate, LLC                               | 1701 Butterworth St SW, Grand Rapids, MI 49534   | Butterworth Street #1                            | N/2 NE, Sec 34, T7N, R12W         |
| MarJo Construction Services, Inc.                     | 2635 Wilson Ave SW, Grand Rapids, MI 49534       | Burton Street                                    | NE NW, Sec 7, T6N, R12W           |
| O.E. Bieri & Sons, Inc.                               | 1087 Godfrey St SE, Lowell, MI 49331             | Emery Drive                                      | NW NE, Sec 14, T6N, R9W           |

**KENT**

| <b>Owner/Operator</b>                                   | <b>Office Address</b>                            | <b>Operation Name</b>       | <b>Location</b>                      |
|---|--|-----------------------------|--------------------------------------|
| O.E. Bieri & Sons, Inc.                                 | 1087 Godfrey St SE, Lowell, MI 49331             | Grand River Drive           | SE SW & SW SE,<br>Sec 1, T6N, R9W    |
| Ottawa Aggregates, Inc.                                 | 4640 Coit Ave NE, Grand Rapids, MI 49525         | Coit Pit 7                  | S/2 SE & NW SE,<br>Sec 29, T8N, R11W |
| Parker Excavating Gravel & Recycle                      | 295 Hayes St NW, Comstock Park, MI<br>49321      | Hayes Road                  | SW NE, Sec 13,<br>T8N, R12W          |
| Parker Excavating Gravel & Recycle                      | 295 Hayes St NW, Comstock Park, MI<br>49321      | Buckner                     | SW NW, Sec 15,<br>T10N, R12W         |
| Pitsch Companies  | 675 Richmond St NW, Grand Rapids, MI<br>49504    | Algoma Avenue               | S/2 NW, Sec 10,<br>T9N, R11W         |
| RBC Development, LLC (Cordes Trenching<br>Co.)          | 5588 Alpine Ave NW, Comstock Park, MI<br>49321   | Alpine Avenue               | NW SW, Sec 23,<br>T8N, R12W          |
| Rick's Septic Service, LLC                              | 15855 Larsen Ave, Gowen, MI 49326                | Larsen Avenue               | W/2 SE, Sec 14,<br>T10N, R9W         |
| Rusche's Trucking, Inc.                                 | 4457 Alpine Ave NW, Comstock Park, MI<br>49321   | 10 Mile Road (Crawford Pit) | Sec 3 & Sec 4,<br>T8N, R12W          |
| Rusche's Trucking, Inc.                                 | 4457 Alpine Ave NW, Comstock Park, MI<br>49321   | 8 Mile Road                 | SE SW, Sec 12,<br>T8N, R12W          |
| Stoneco, Inc.   | 900 100 <sup>th</sup> St, Byron Center, MI 49315 | 100 <sup>th</sup> Street    | Sec 32, T5N, R11W                    |
| Timpson Transport, Inc.                                 | 3175 Segwun Ave SE, Lowell, MI 49331             | Segwun Avenue               | SE NW, Sec 14,<br>T6N, R9W           |
| Tip Top Gravel Company                                  | 9741 E Fulton Rd, Ada, MI 49301                  | Fulton Street               | SW/4, Sec 6,<br>T6N, R9W             |
| Vosburg Sand & Gravel, LLC                              | 8755 Bolt Drive SE, Ada, MI 49301                | Bolt Drive east             | SE SE, Sec 2,<br>T6N, R10W           |
| Vosburg Sand & Gravel, LLC                              | 8755 Bolt Drive SE, Ada, MI 49301                | Bolt Drive west             | S/2 SE, Sec 2,<br>T6N, R10W          |
| Whitneyville Sand Pit, Inc./Nagel<br>Construction, Inc. | 1165 142nd Ave, Wayland, MI 49348                | Whitneyville Avenue         | W/2 NW, Sec 14,<br>T5N, R10W         |
| Unknown   | Unknown  | Strotheide Road             | NW SE, Sec 11,<br>T8N, R9W           |

**KENT**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b>     | <b>Location</b>                 |
|-----------------------|-----------------------|---------------------------|---------------------------------|
| Unknown               | Unknown               | Fernhill Drive            | NW SW, Sec 27,<br>T7N, R12W     |
| Unknown               | Unknown               | Butterworth Street #3     | Sec 34, T7N, R12W               |
| Unknown               | Unknown               | Sparta Avenue             | S/2 of SW, Sec 26,<br>T9N, R12W |
| Unknown               | Unknown               | Cherry Valley Development | S/2 SE, Sec 4,<br>T5N, R10W     |
| Unknown               | Unknown               | Knapp Street              | SE NW, Sec 13,<br>T7N, R11W     |
| Unknown               | Unknown               | Baumhoff Avenue           | NE NW, Sec 34,<br>T8N, R12W     |
| Unknown               | Unknown               | 5 Mile Road               | SE NW, Sec 34,<br>T8N, R12W     |
| Unknown               | Unknown               | 3 Mile Road               | N/2 NE, Sec 10,<br>T7N, R12W    |

**KEWEENAW**

| <b>Owner/Operator</b>           | <b>Office Address</b>                 | <b>Operation Name</b>  | <b>Location</b>                       |
|---------------------------------|---------------------------------------|------------------------|---------------------------------------|
| Bacco Construction Company      | N3676 N US-2, Iron Mountain, MI 49801 | New Allouez            | SW NW & NW SW,<br>Sec 32, T57N, R32W  |
| Keweenaw County Road Commission | 1916 Fourth St, Mohawk, MI 49950      | Central Mine           | NE SE, Sec 23,<br>T58N, R31W          |
| Mohawk Sand & Gravel, Inc.      | 46 Mohawk St, Mohawk, MI 49950        | Universal Oil Products | E/2 SW & SW SW,<br>Sec 32, T57N, R32W |
| Rinne's Excavating, LLC         | 308 Ahmeek St, Copper City, MI 49917  | Wright Street          | SW SW, Sec 29,<br>T57N R32W           |
| Rinne's Excavating, LLC         | 308 Ahmeek St, Copper City, MI 49917  | Ahmeek Street          | Sec 32 & Sec 33,<br>T57N, R32W        |
| Unknown                         | Unknown                               | Mandan                 | E/2 NW, Sec 17,<br>T58N, R29W         |

**LAKE**

| <b>Owner/Operator</b>          | <b>Office Address</b>                        | <b>Operation Name</b> | <b>Location</b>               |
|--------------------------------|--|-----------------------|-------------------------------|
| Fisher Sand and Gravel Company | 921 S Jefferson Ave, Midland, MI 48640       | Tim's Pit             | N/2 SW, Sec 15,<br>T20N, R14W |
| Halliday Sand & Gravel, Inc.   | 1128 Federal Ave, Houghton Lake, MI<br>48629 | Johnson Road          | W/2 NE, Sec 24,<br>T20N, R14W |
| Halliday Sand & Gravel, Inc.   | 1128 Federal Ave, Houghton Lake, MI<br>48629 | 12 Mile Road          | NE NW, Sec 3,<br>T20N, R14W   |
| Lake County Road Commission    | 1180 Michigan Ave, Baldwin, MI 49304         | Dog Track Road        | W/2 NE, Sec 23,<br>T18N, R13W |
| Lake County Road Commission    | 1180 Michigan Ave, Baldwin, MI 49304         | Fullerton Road        | SE NW, Sec 12,<br>T19N, R12W  |
| Lake County Road Commission    | 1180 Michigan Ave, Baldwin, MI 49304         | Bass Lake Road        | NW SE, Sec 10,<br>T20N, R14W  |
| Unknown                        | Unknown                                      | Mac Road              | SW NW, Sec 35,<br>T20N, R14W  |

**LAPEER**

| <b>Owner/Operator</b>   | <b>Office Address</b>                            | <b>Operation Name</b>                   | <b>Location</b>                     |
|---|--|---|-------------------------------------|
| A&A Aggregates, LLC   | 4300 Lake Pleasant Rd, North Branch, MI<br>48461 | Lake Pleasant Pit                       | S/2 NW, Sec 34,<br>T9N, R11E        |
| American Aggregates of Michigan, Inc.<br>(Edward C. Levy Co.) | 51777 W 12 Mile Rd, Wixom, MI 48393              | Deanville Road (American<br>Aggregates) | NE/4 & N/2 SE,<br>Sec 28, T9N, R12E |
| Barrett Paving Materials, Inc.                                | 5800 Cherry Hill Rd, Ypsilanti, MI 48198         | Hains                                   | W/2 SW, Sec 12,<br>T6N, R10E        |
| Barrett Paving Materials, Inc.                                | 5800 Cherry Hill Rd, Ypsilanti, MI 48198         | Attica                                  | S/2 SW, Sec 16,<br>T7N, R11E        |
| Bechtel Sand & Gravel, LLC                                    | 5278 Churchill Rd, Brown City, MI 48416          | Bechtel Pit (P.M.<br>RR/Quinlan)        | W/2, Sec 22,<br>T9N, R12E           |
| Bossman Construction, Inc.                                    | 7099 Willis Rd, Brown City, MI 48416             | Willis Road #1                          | E/2 W/2 SE, Sec 27,<br>T9N, R12E    |
| Hilltop-Reddog Aggregates, LLC                                | 4932 Churchill Rd, Brown City, MI 48416          | Hilltop/Reddog                          | NW NW, Sec 27,<br>T9N, R12E         |

**LAPEER**

| <b>Owner/Operator</b>                                  | <b>Office Address</b>                      | <b>Operation Name</b>          | <b>Location</b>                    |
|--|--|--------------------------------|------------------------------------|
| JT Express Ltd   | 4200 N Van Dyke Rd, Brown City, MI 48416   | Van Dyke Road (JT Express)     | SW, Sec 33, T9N, R12E              |
| John R Sand & Gravel Company                           | 1717 E Dryden Rd, Metamora, MI 48455       | Metamora Pit                   | E/2 SW & W/2 SE, Sec 10, T6N, R10E |
| Ken Measel Sand & Gravel, Inc.                         | 5171 Sandhill Rd, Almont, MI 48003         | Bowman Road                    | NE SW & NW SE, Sec 28, T7N, R12E   |
| Ken Measel Sand & Gravel, Inc.                         | 5171 Sandhill Rd, Almont, MI 48003         | Krake                          | SW/4 & S/2 NW, Sec 27, T9N, R12E   |
| Lapeer County Road Commission                          | 820 Davis Lake Rd, Lapeer, MI 48446        | Ribble Road                    | NE SE, Sec 11, T6N, R10E           |
| Lapeer County Road Commission                          | 820 Davis Lake Rd, Lapeer, MI 48446        | Van Dyke Road (Co. Rd. Comm.)  | NW SW, Sec 28, T9N, R12E           |
| Lapeer County Road Commission                          | 820 Davis Lake Rd, Lapeer, MI 48446        | Deanville Road (Co. Rd. Comm.) | NE NW, Sec 28, T9N, R12E           |
| Lapeer County Road Commission                          | 820 Davis Lake Rd, Lapeer, MI 48446        | Webster Road                   | NW NE, Sec 5, T6N, R12W            |
| Lloyd Ragatz Sand & Gravel                             | 6652 Clear Lake Rd, Imlay City, MI 48444   | Blacks Corners Road (Ragatz)   | NW NW, Sec 5, T8N, R12E            |
| Michigan Sand and Gravel Company                       | 200 E Sutton Rd, Metamora, MI 48455        | Sutton Road                    | NW/4, Sec 3, T6N, R10E             |
| Newark Aggregate & Landscape Supply, Inc.              | 190 W Newark Rd, Lapeer, MI 48446          | Kage                           | S/2, Sec 20, T7N, R10E             |
| Starr Aggregates                                       | 3360 Imlay City Rd, Attica, MI 48412       | Starr Aggregates               | S/2 NW & N/2 SW, Sec 7, T7N, R11E  |
| Summers Road Gravel & Development (Novak Construction) | 3620 Van Dyke Rd, Almont, MI 48003         | Summers Road                   | NW SW, Sec 31, T8N, R12E           |
| Weber Sand & Gravel, Inc.                              | 1401 E Silverbell Rd, Lake Orion, MI 48360 | Muck Road                      | NE NE, Sec 32, T8N, R12E           |
| Weber Sand & Gravel, Inc.                              | 1401 E Silverbell Rd, Lake Orion, MI 48360 | McCoy                          | NE NW, Sec 27, T9N, R12E           |
| Weber Sand & Gravel, Inc.                              | 1401 E Silverbell Rd, Lake Orion, MI 48360 | Darling                        | SW/4, Sec 28, T9N, R10E            |
| Weber Sand & Gravel, Inc.                              | 1401 E Silverbell Rd, Lake Orion, MI 48360 | Vannini                        | SW/4 & NW SE, Sec 21, T7N, R11E    |

**LAPEER**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b>           | <b>Location</b>              |
|-----------------------|-----------------------|---------------------------------|------------------------------|
| Unknown               | Unknown               | Willis Road #2                  | W/2 NE, Sec 34,<br>T9N, R11E |
| Unknown               | Unknown               | Kidder Road                     | SE/4, Sec 15,<br>T6N, R12E   |
| Unknown               | Unknown               | Blacks Corners Road<br>(Sisson) | SE SE, Sec 31,<br>T8N, R12E  |
| Unknown               | Unknown               | Van Dyke Road (Dempsey)         | E/2 NE, Sec 29,<br>T9N, R12E |
| Unknown               | Unknown               | Howland Road (Kimery)           | SW NW, Sec 10,<br>T6N, R12W  |

**LEELANAU**

| <b>Owner/Operator</b>            | <b>Office Address</b>                        | <b>Operation Name</b> | <b>Location</b>                           |
|----------------------------------|--|-----------------------|---|
| Calhoun Excavating               | 846 N Mill St, Northport, MI 49670           | Johnson Road          | NW SW, Sec 3,<br>T31N, R11W               |
| Elmer's Crane and Dozer, Inc.    | 2272 W Empire Hwy, Empire, MI 49630          | Peplinski #2          | N/2 NE, Sec 17,<br>T28N, R13W             |
| Elmer's Crane and Dozer, Inc.    | 2272 W Empire Hwy, Empire, MI 49630          | Thompson              | NE/4, Sec 20,<br>T28N, R13W               |
| Elmer's Crane and Dozer, Inc.    | 2272 W Empire Hwy, Empire, MI 49630          | Hulbert               | W/2 NE, Sec 21,<br>T28N, R13W             |
| KAL Excavating Company           | 5711 N West Bayshore Dr., Omena, MI<br>49674 | West Bayshore Drive   | SE NE & NE SE,<br>Sec 26, T31N, R11W      |
| Kasson Sand & Gravel, Inc.       | 10282 S Pierce Rd, Maple City, MI 49664      | Kasson Pit And Mill   | W/2, NE/4, & NW SE,<br>Sec 16, T28N, R13W |
| Lake Leelanau Excavating Company | 222 W Main St, Lake Leelanau, MI 49653       | Nash Road #2          | SE NE, Sec 9, T28N,<br>R13W               |
| Lake Leelanau Excavating Company | 222 W Main St, Lake Leelanau, MI 49653       | Nash Road #1          | SW NW, Sec 10,<br>T28N, R13W              |
| Lake Leelanau Excavating Company | 222 W Main St, Lake Leelanau, MI 49653       | Duck Lake Road        | SE NW, Sec 22,<br>T30N, R12W              |



**LEELANAU**

| <b>Owner/Operator</b>                  | <b>Office Address</b>                       | <b>Operation Name</b> | <b>Location</b>            |
|--|---|-----------------------|----------------------------|
| Leelanau County Road Commission        | 10550 E Eckerle Rd, Suttons Bay, MI 49682   | Newman Road east      | SW SW, Sec 22, T28N, R13W  |
| Leelanau County Road Commission        | 10550 E Eckerle Rd, Suttons Bay, MI 49682   | Schomberg Road        | E/2 NE, Sec 32, T30N, R12W |
| Leelanau Redi-Mix, Inc.                | 12488 Newman Rd, Maple City, MI 49664       | Flaska                | SE NE, Sec 28, T28N, R13W  |
| R.W. Popp Excavating, Inc.             | 10635 S Center Hwy, Traverse City, MI 49684 | Center Hwy            | SW NW, Sec 17, T28N, R11W  |
| Rieth-Riley Construction Company, Inc. | 4435 M-37 S, Grawn, MI 49637                | Traverse Agg          | SE/4, Sec 8, T28N, R13W    |
| Schworm Excavating, Inc.               | 8755 US-31 S, Grawn, MI 49637               | Newman Road west      | SE SE, Sec 21, T28N, R13W  |
| Schworm Excavating, Inc.               | 8755 US-31 S, Grawn, MI 49637               | Kyser                 | SE NE, Sec 17, T28N, R13W  |

**LENAWEE**

| <b>Owner/Operator</b>                           | <b>Office Address</b>                    | <b>Operation Name</b> | <b>Location</b>                  |
|---|--|-----------------------|----------------------------------|
| Brady Sand & Gravel, Inc.                       | 2978 W Russell Rd, Tecumseh, MI 49286    | Brady                 | SE SE, Sec 32, T5S, R4E          |
| GS Materials, LLC (The Gerken Companies)        | 2373 Ives Rd, Tecumseh, MI 49286         | Tecumseh Quarry       | E/2 NW, Sec 8, T6S, R4E          |
| Lenawee County Road Commission                  | 2461 Treat St, Adrian, MI 49221          | Co. Rd. Comm. #3      | NE NE, Sec 4, T6S, R4E           |
| Lenawee County Road Commission                  | 2461 Treat St, Adrian, MI 49221          | Co. Rd. Comm. #2      | NW NW, Sec 9, T6S, R4E           |
| Lenawee County Road Commission                  | 2461 Treat St, Adrian, MI 49221          | Sanford Road          | E/2 NW & SW NW, Sec 21, T5S, R1E |
| Lenawee County Road Commission                  | 2461 Treat St, Adrian, MI 49221          | Hogan Highway         | E/2 SW, Sec 7, T5S, R4E          |
| Round Lake Sand & Gravel (The Gerken Companies) | 8707 Round Lake Hwy, Addison, MI 49220   | Round Lake Hwy        | Sections 23-26, T5S, R1E         |
| Sunrise Aggregates, LLC (CTE Sand and Gravel)   | 2265 E Dansville Rd, Dansville, MI 48819 | Staib Road            | NE/4 & NE SE, Sec 16, T5S, R4E   |

**LENAWEE**

| <b>Owner/Operator</b>    | <b>Office Address</b>               | <b>Operation Name</b> | <b>Location</b>              |
|--------------------------|-------------------------------------|-----------------------|------------------------------|
| Woodstock Aggregate, LLC | 14045 Vischer Rd, Addison, MI 49220 | Mercury Lake          | Sec 22 & Sec 23,<br>T5S, R1E |

**LIVINGSTON**

| <b>Owner/Operator</b>  | <b>Office Address</b>                         | <b>Operation Name</b>                      | <b>Location</b>                      |
|--|---|--|--------------------------------------|
| A&E Agg, Inc. (Fyke Washed Sand & Gravel Inc.)                       | 3448 W Eleven Mile Rd, Berkley, MI 48072      | Pinckney Road                              | SW/4 & W/2 SE, Sec 14, T1N, R4E      |
| American Aggregates of Michigan, Inc. (Edward C. Levy Co.)           | 13017 Buno Rd, Milford, MI 48380              | Buno Road Pit & Plant                      | Sec 24, T2N, R6E                     |
| American Concrete Products, Inc.                                     | 4944 Mason Rd, Howell, MI 48843               | Mason Road Pit & Plant                     | Sec 31 & Sec 32,<br>T3N, R4E         |
| Bentley Sand, Gravel, & Organic Top Soil, Inc.                       | 9220 Bennett Lake Rd, Fenton, MI 48430        | Stearns Lake                               | SE NW & NE SW,<br>Sec 5, T4N, R6E    |
| Burroughs Materials (Edward C. Levy Co.)                             | 1380 N Pleasant Valley Rd, Hartland, MI 48353 | Pleasant Valley Road (Hartland Plant)      | SW/4 & W/2 SE, Sec 25, T3N, R6E      |
| Chestnut Development, LLC  | 3800 Chilson Rd, Howell, MI 48843             | Chilson Road                               | SW SW, Sec 34,<br>T2N, R5E           |
| Culver Excavating, Inc.  | 3113 Wallace Rd, Webberville, MI 48892        | Bradley Road                               | SE SW & SW SE,<br>Sec 17, T2N, R3E   |
| Culver Excavating, Inc.  | 3113 Wallace Rd, Webberville, MI 48892        | Van Orden Road                             | W/2 SE, Sec 20,<br>T3N, R3E          |
| Culver Excavating, Inc.  | 3113 Wallace Rd, Webberville, MI 48892        | Grand River Pit                            | NW NW, Sec 7,<br>T3N, R3E            |
| Hayes Washed Sand & Gravel Company, Inc.                             | 3333 Muir Rd, Milford, MI 48380               | Muir Road Pit & Plant                      | NE/4, Sec 24,<br>T2N, R6E            |
| Livingston Aggregate, Inc./A & A Excavating, Inc.                    | 5990 Byron Rd, Howell, MI 48855               | Barron Road                                | NE/4, Sec 13,<br>T3N, R4E            |
| Natural Aggregates Corporation                                       | 3362 Muir Rd, Milford, MI 48380               | Milford Plant (Natural Aggregates Corp #2) | W/2 NE & E/2 NW,<br>Sec 24, T2N, R6E |
| Raether Topsoil, LLC   | 2650 Fishbeck Rd, Howell, MI 48843            | Crooked Lake Road                          | E/2 SE, Sec 18,<br>T2N, R5E          |
| Screeners Sand & Gravel, Inc. (Holloway Sand & Gravel Company, Inc.) | 110 Swarthout Rd, Pinckney, MI 48169          | Swarthout Road                             | W/2 SW, Sec 12,<br>T1N, R4E          |

**LUCE**

| <b>Owner/Operator</b>       | <b>Office Address</b>                     | <b>Operation Name</b> | <b>Location</b>               |
|-----------------------------|---|-----------------------|-------------------------------|
| Aroco, Inc.                 | 14240 Hiawatha Trl, Engadine, MI 49827    | Fyvie Road            | N/2 NW, Sec 13,<br>T45N, R11W |
| Gene Brow and Sons, Inc.    | 2754 W 20th St, Sault Ste Marie, MI 49783 | Zellar #1             | S/2 NW, Sec 35,<br>T46N, R10W |
| Gene Brow and Sons, Inc.    | 2754 W 20th St, Sault Ste Marie, MI 49783 | Zellar #2             | SW NE, Sec 35,<br>T46N, R10W  |
| Gene Brow and Sons, Inc.    | 2754 W 20th St, Sault Ste Marie, MI 49783 | Red Camp Road         | SE SW, Sec 14,<br>T45N, R11W  |
| Gene Brow and Sons, Inc.    | 2754 W 20th St, Sault Ste Marie, MI 49783 | Brow #2               | NW NW, Sec 24,<br>T45N, R11W  |
| Luce County Road Commission | 423 W McMillan Ave, Newberry, MI 49868    | East Lake             | W/2 SE, Sec 11,<br>T45N, R11W |
| Luce County Road Commission | 423 W McMillan Ave, Newberry, MI 49868    | Potato Farm Road west | SE NE, Sec 14,<br>T45N, R10W  |
| Payne & Dolan, Inc.         | 17777 S Caldwell Rd, Kinross, MI 49752    | Richmond              | S/2 SE, Sec 15,<br>T45N, R10W |
| Unknown                     | Unknown                                   | McCauley              | N/2 SW, Sec 5,<br>T45N, R10W  |
| Unknown                     | Unknown                                   | M-28 (Ottenhoff)      | NE SE, Sec 11,<br>T45N, R11W  |
| Unknown                     | Unknown                                   | Schaefer              | NE NW, Sec 13,<br>T45N, R12W  |
| Unknown                     | Unknown                                   | Potato Farm Road east | NW SW, Sec 13,<br>T45N, R10W  |
| Unknown                     | Unknown                                   | Hamilton Lake Road    | NE NW, Sec 2,<br>T45N, R10W   |
| Unknown                     | Unknown                                   | Deer Park Road        | NW SW, Sec 29,<br>T49N, R10W  |

**MACKINAC**

| <b>Owner/Operator</b>                        | <b>Office Address</b>                             | <b>Operation Name</b>         | <b>Location</b>                                  |
|--|---|-------------------------------|--|
| Abram Construction, Inc.                     | 8551 H-33, Gould City, MI 49838                   | Curtis                        | S/2 NE, Sec 15,<br>T44N, R12W                    |
| Abram Construction, Inc.                     | N8551 County Rd H-33, Gould City, MI<br>49838     | H-33 (Abram)                  | N/2 NE, Sec 13,<br>T43N, R12W                    |
| Aroco, Inc.                                  | 14240 Hiawatha Trl, Engadine, MI 49827            | Stimac Road (Ozanich)         | SE SW & W/2 SE,<br>Sec 17, T43N, R10W            |
| Aroco, Inc.                                  | 14240 Hiawatha Trl, Engadine, MI 49827            | Linck Road                    | Sec 12-13, T43N,<br>R11W & Sec 18,<br>T43N, R10W |
| Art Huskey & Sons Excavating, Inc.           | 203 Townline Rd, St Ignace, MI 49781              | Mackinac Trail                | NE SE, Sec 24,<br>T41N, R4W                      |
| Art Huskey & Sons Excavating, Inc.           | 203 Townline Rd, St Ignace, MI 49781              | Castle Rock Road (Huskey)     | NW NE & NE NW,<br>Sec 36, T41N, R4W              |
| Belonga Excavating, LLC                      | 120 S Marley St, St Ignace, MI 49781              | St. Ignace (Belonga)          | Private Claim, T40N,<br>R4W, St. Ignace          |
| Belonga Excavating, LLC                      | 120 S Marley St, St Ignace, MI 49781              | East Lake Road                | Sec 10 & Sec 15,<br>T43N, R4W                    |
| Carmeuse Lime & Stone, Inc.                  | 5093 E. Hwy M-134, Cedarville, MI 49719           | Cedarville Quarry             | Secs. 3, 4, 10, 26-27,<br>& 34-35, T42N, R1E     |
| Con-Agg, Inc. (Norris Contracting, Inc.)     | 4576 S Mackinac Trl, Sault Ste Marie, MI<br>49783 | Simmons Road                  | SW NE, Sec 1,<br>T42N, R3W                       |
| Fred Burton & Son Construction               | N6610 County Rd H-33, Gould City, MI<br>49838     | H-33 (Burton)                 | NE SE, Sec 12,<br>T43N, R12W                     |
| Gaylor, Inc.                                 | 9803 W M-48 Bus Spur, Rudyard, MI<br>49780        | Charles Moran Road            | N/2 SE, Sec 25,<br>T42N, R4W                     |
| Hessel Block Company                         | 2922 Chard Rd, Hessel, MI 49745                   | Chard Road                    | SW NW, Sec 10,<br>T42N, R1W                      |
| Mackinac County Road Commission              | 706 N State St, St Ignace, MI 49781               | Gould City Road               | SW NW, Sec 33,<br>T43N, R11W                     |
| Mackinac County Road Commission              | 706 N State St, St Ignace, MI 49781               | St. Ignace Road (MCRC)        | SW SE, Sec 5,<br>T42N, R1W                       |
| Newberry Redi-Mix (Precision Redi-Mix, Inc.) | 298 E Victory Way, Newberry, MI 49868             | Bill Burton Quarry            | NE/4, Sec 25,<br>T43N, R12W                      |
| Northstar Crushing & Screening, Inc.         | 8541 N 3 Ln, Gladstone, MI 49837                  | Dinkey Line Road<br>(Derusha) | NE SE, Sec 36,<br>T44N, R8W                      |

**MACKINAC**

| <b>Owner/Operator</b>                         | <b>Office Address</b>                   | <b>Operation Name</b>      | <b>Location</b>                    |
|---|---|----------------------------|------------------------------------|
| Northstar Crushing & Screening, Inc.          | 8541 N 3 Ln, Gladstone, MI 49837        | Davis Road                 | SW NE, Sec 36,<br>T44N, R8W        |
| Payne & Dolan, Inc.                           | 17777 S Caldwell Rd, Kinross, MI 49752  | Criderman Road             | SW NE & SE NW,<br>Sec 9, T43N, R2W |
| Payne & Dolan, Inc.                           | 17777 S Caldwell Rd, Kinross, MI 49752  | Reagan Lake                | Sec 32 & Sec 33,<br>T44N, R7W      |
| Payne & Dolan, Inc.                           | 17777 S Caldwell Rd, Kinross, MI 49752  | Cheeseman Road             | SE NE & NE SE,<br>Sec 5, T40N, R4W |
| Payne & Dolan, Inc.                           | 17777 S Caldwell Rd, Kinross, MI 49752  | St. Ignace Road (Ellis)    | W/2 SE, Sec 6,<br>T42N, R1W        |
| Payne & Dolan, Inc.                           | 17777 S Caldwell Rd, Kinross, MI 49752  | Ozark Quarry               | S/2 NE, Sec 8,<br>T43N, R5W        |
| Peters Sand and Gravel, Inc.                  | W7276 Hiawatha Trl, Naubinway, MI 49762 | Hiawatha Trail             | SW SW, Sec 33,<br>T44N, R7W        |
| Peters Sand and Gravel, Inc.                  | W7276 Hiawatha Trl, Naubinway, MI 49762 | Trout Lake Road            | SE NW, Sec 33,<br>T44N, R7W        |
| Rieth-Riley Construction Company, Inc.        | 6795 US-31, Charlevoix, MI 49720        | Black Point Road           | Sec 25 & Sec 36,<br>T42N, R5W      |
| Rudy Sherlund, Inc.                           | 341 M-129, Cedarville, MI 49719         | Sherlund #1                | SE SE, Sec 5,<br>T42N, R1W         |
| Rudy Sherlund, Inc.                           | 341 M-129, Cedarville, MI 49719         | Sherlund #2                | SE SW, Sec 4,<br>T42N, R1W         |
| Rudy Sherlund, Inc.                           | 341 M-129, Cedarville, MI 49719         | Rockview Road              | NE NE, Sec 35,<br>T43N, R1W        |
| Rudy Sherlund, Inc.                           | 341 M-129, Cedarville, MI 49719         | Blind Line Road (Sherlund) | NE/4, Sec 24,<br>T42N, R1W         |
| Zellar Excavating, Inc.                       | 2725W US-2, Gulliver, MI 49840          | US-2 (Zellar)              | SW SE, Sec 19,<br>T43N, R12W       |
| USDA Forest Service, Hiawatha National Forest | 820 Rains Dr., Gladstone, MI 49837      | 16 Mile Road               | W/2 NW, Sec 21,<br>T43N, R3W       |
| Unknown                                       | Unknown                                 | US-2 (Cullip)              | SW SE, Sec 5,<br>T40N, R4W         |

**MACKINAC**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b>  | <b>Location</b>                    |
|-----------------------|-----------------------|------------------------|------------------------------------|
| Unknown               | Unknown               | Portage Street         | Prvt Claims, T40N, R4W, St. Ignace |
| Unknown               | Unknown               | Castle Rock Road (Eby) | NW NE, Sec 36, T41N R4W            |
| Unknown               | Unknown               | Nordquist Road         | NW NW, Sec 24, T42N R1W            |

**MACOMB**

| <b>Owner/Operator</b>                              | <b>Office Address</b>                      | <b>Operation Name</b>  | <b>Location</b>                    |
|--|--|------------------------|------------------------------------|
| Auburn Supply Company, Inc./Messina Trucking, Inc. | 6386 Auburn Rd, Shelby Twp, MI 48317       | Hamlin Road            | S/2 SW, Sec 19, T3N R12E           |
| Auburn Supply Company, Inc./Messina Trucking, Inc. | 6386 Auburn Rd, Shelby Twp, MI 48317       | 31 Mile Road           | E/2 SW, Sec 4, T4N, R12E           |
| T.R. Pieprzak Company                              | 6267 St Clair Hwy, China Twp, MI 48054     | Paschalk Road/Richmond | NW/4, Sec 3, T4N, R14E             |
| Wiegand's Topsoil & Supply, Inc./Wiegand Trucking  | 37580 Mound Rd, Sterling Heights, MI 48310 | Mound Road             | NE NE & SW NE, Sec 8, T4N, R12E    |
| Wiegand's Topsoil & Supply, Inc./Wiegand Trucking  | 37580 Mound Rd, Sterling Heights, MI 48310 | Auburn Road            | W/2 SE & E/2 SW, Sec 30, T3N, R12E |

**MANISTEE**

| <b>Owner/Operator</b>         | <b>Office Address</b>                     | <b>Operation Name</b>     | <b>Location</b>            |
|-------------------------------|---|---------------------------|----------------------------|
| Crystal Aggregates, LLC       | 603 Bay St, Traverse City, MI 49684       | Romsek Road               | Sec 4 & Sec 9, T24N, R13W  |
| Elmer's Crane and Dozer, Inc. | 1200 Caberfae Hwy, Manistee MI, 49660     | Pine Creek Road           | Sec 8 & Sec 9, T21N, R16W  |
| Halliday Sand & Gravel, Inc.  | 1128 Federal Ave, Houghton Lake, MI 48629 | Laverne Road (Fischer #2) | NE SW, Sec 17, T21N, R13W  |
| Halliday Sand & Gravel, Inc.  | 1128 Federal Ave, Houghton Lake, MI 48629 | Fischer #1                | N/2 NW, Sec 13, T21N, R13W |

**MANISTEE**

| <b>Owner/Operator</b>           | <b>Office Address</b>                              | <b>Operation Name</b>     | <b>Location</b>            |
|---------------------------------|--|---------------------------|----------------------------|
| Halliday Sand & Gravel, Inc.    | 1128 Federal Ave, Houghton Lake, MI 48629          | Fischer #3                | W/2 NW, Sec 13, T21N, R13W |
| Halliday Sand & Gravel, Inc.    | 1128 Federal Ave, Houghton Lake, MI 48629          | Fischer #4                | NE NE, Sec 14, T21N, R13W  |
| Halliday Sand & Gravel, Inc.    | 1128 Federal Ave, Houghton Lake, MI 48629          | Fischer #5                | E/2 NE, Sec 14, T21N, R13W |
| Manistee County Road Commission | 8946 Chippewa Hwy, Bear Lake, MI 49614             | Nine Mile Road            | N/2 NE, Sec 30, T23N, R15W |
| Northern Plateau, LLC           | 13709 W West Bayshore Dr., Traverse City, MI 49684 | Read Road                 | W/2 NE, Sec 23, T24N, R13W |
| Ron Brown and Sons, Inc.        | 17443 Pleasanton Hwy, Bear Lake, MI 49614          | Myers                     | W/2 NE, Sec 21, T24N, R15W |
| Seng Crane & Excavating, Inc.   | 33 Lake St, Manistee, MI 49660                     | Manistee Catholic Central | NE NW, Sec 13, T21N, R17W  |
| Unknown                         | Unknown  | Glovers Lake Road         | E/2 SE, Sec 9, T24N, R15W  |
| Unknown                         | Unknown  | Healy Lake Road           | SW NE, Sec 21, T23N, R14W  |
| Unknown                         | Unknown  | 12th Street               | SE SW, Sec 12, T21N, R17W  |

**MARQUETTE**

| <b>Owner/Operator</b>        | <b>Office Address</b>                      | <b>Operation Name</b>  | <b>Location</b>                   |
|------------------------------|--|------------------------|-----------------------------------|
| A Lindberg & Sons, Inc.      | 1017 County Rd 480, Marquette, MI 49855    | 480 Pit                | Sec 5, 6, 8, & 17, T47N, R25W     |
| A Lindberg & Sons, Inc.      | 1017 County Rd 480, Marquette, MI 49855    | County Road Hk         | SW NE, Sec 5, T48N, R25W          |
| Associated Constructors, LLC | 14 Industrial Park Dr., Negaunee, MI 49866 | Midway Industrial Park | NW SE & SE NW, Sec 24, T48N, R26W |
| Associated Constructors, LLC | 14 Industrial Park Dr., Negaunee, MI 49866 | Sands                  | NE NE, Sec 4, T46N, R25W          |

**MARQUETTE**

| <b>Owner/Operator</b>               | <b>Office Address</b>                           | <b>Operation Name</b>           | <b>Location</b>                              |
|-------------------------------------|---|---------------------------------|--|
| Associated Constructors, LLC        | 14 Industrial Park Dr., Negaunee, MI 49866      | Associated 480 Quarry           | Sec 6 & Sec 7,<br>T47N, R25W                 |
| Bacco Construction Company          | 3676 N US-2, Iron Mountain, MI 49801            | Witch Lake                      | SW NW, Sec 25,<br>T45N, R30W                 |
| Honkala Trucking, Inc.              | 18261 Co Rd Cd, Ishpeming, MI 49849             | County Road Cd (Mail<br>Route)  | E/2 NW, Sec 2,<br>T46N, 28W                  |
| M.J. Van Damme, Inc.                | 301 Ave A, Gwinn, MI 49841                      | Van Damme Farms                 | S/2 NE, Sec 6,<br>T42N, R24W                 |
| Marquette County Road Commission    | 1610 N Second St, Ishpeming, MI 49849           | Shopping Mall Road              | NW NW, Sec 20,<br>T42N, R24W                 |
| Marquette County Road Commission    | 1610 N Second St, Ishpeming, MI 49849           | County Road Cd                  | SE SE, Sec 34,<br>T47N, R28W                 |
| Marquette County Road Commission    | 1610 N Second St, Ishpeming, MI 49849           | Gwinn                           | N/2 NE, Sec 23,<br>T45N, R25W                |
| Niemi Excavating, Inc.              | 317 Hemlock St, Republic, MI 49879              | County Road LE (School<br>Road) | NE SW, Sec 18,<br>T46N R29W                  |
| Payne & Dolan, Inc.                 | 1025 Country Ln, Unit #1, Ishpeming MI<br>49849 | Felber                          | SW NW, Sec 12,<br>T42N, R26W                 |
| Payne & Dolan, Inc.                 | 1025 Country Ln, Unit #1, Ishpeming MI<br>49849 | Dexter Airport                  | Sec 3 & Sec 4,<br>T47N, R28W                 |
| Payne & Dolan, Inc.                 | 1025 Country Ln, Unit #1, Ishpeming MI<br>49849 | County Road Nc                  | E/2 SE, Sec 18,<br>T47N, R25W                |
| Payne & Dolan, Inc.                 | 1025 Country Ln, Unit #1, Ishpeming MI<br>49849 | County Road Hm                  | Sec 31, T48N, R25W<br>& Sec 6, T47N,<br>R25W |
| Quality Concrete of Marquette, Inc. | 904 W Baraga Ave, Marquette, MI 49855           | County Road Nh                  | N/2 NE, Sec 33,<br>T47N, R25W                |
| Smith Construction, Inc.            | 4090 W US-41, Marquette, MI 49855               | 550                             | Sec 5, T48N, R25W<br>& Sec 32, T49N,<br>R25W |
| Smith Construction, Inc.            | 4090 W US-41, Marquette, MI 49855               | Iron Ore Heritage Trail         | NW NE, Sec 25,<br>T48N, R26W                 |
| Unknown                             | Unknown   | Triple A Road                   | NE NW, Sec 31,<br>T51N, R27W                 |



**MARQUETTE**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b> | <b>Location</b>                      |
|-----------------------|-----------------------|-----------------------|--------------------------------------|
| Unknown               | Unknown               | County Road 510       | SE NW & SW NE,<br>Sec 27, T51N, R27W |
| Unknown               | Unknown               | Big Bay               | NW NE, Sec 21,<br>T51N, R27W         |
| Unknown               | Unknown               | Marquette             | NE SW, Sec 9,<br>T48N, R25W          |
| Unknown               | Unknown               | Timber Creek Road     | Sec 2 & Sec 3,<br>T47N, R25W         |

**MASON**

| <b>Owner/Operator</b>     | <b>Office Address</b>            | <b>Operation Name</b> | <b>Location</b>               |
|---------------------------|----------------------------------|-----------------------|-------------------------------|
| Mason Sand & Gravel, Inc. | 1292 N Old 27, Gaylord, MI 49735 | Groth Road            | N/2 NE, Sec 26,<br>T19N, R15W |
| Unknown                   | Unknown                          | Scottville            | NE NW, Sec 24,<br>T18N,R17W   |

**MECOSTA**

| <b>Owner/Operator</b>                            | <b>Office Address</b>                          | <b>Operation Name</b>             | <b>Location</b>                      |
|--|--|-----------------------------------|--------------------------------------|
| Chippewa Stone & Gravel, Inc.                    | 15240 110 <sup>th</sup> Ave, Rodney, MI 49342  | Schraw                            | W/2 SE & SE SW,<br>Sec 17, T15N, R8W |
| Cousineau Gravel, Inc.                           | 19100 Northland Dr., Big Rapids, MI 49307      | Pines                             | NW NW, Sec 25,<br>T15N, R10W         |
| Halliday Sand & Gravel, Inc.                     | 1128 Federal Ave, Houghton Lake, MI<br>48629   | Buckholtz                         | SE SW, Sec 35,<br>T15N, R8W          |
| Halliday Sand & Gravel, Inc.                     | 1128 Federal Ave, Houghton Lake, MI<br>48629   | Eight Mile Road<br>(Consumers #2) | Sec 20 & Sec 21,<br>T14N, R10W       |
| J R Aggregates (Halliday Sand & Gravel)          | 1128 Federal Ave, Houghton Lake, MI<br>48629   | 230th Avenue west                 | NE NE, Sec 6,<br>T13N, R10W          |
| J R Aggregates (Halliday Sand & Gravel)          | 1128 Federal Ave, Houghton Lake, MI<br>48629   | 230th Avenue east                 | SW/4, Sec 32,<br>T14N, R10W          |
| LC Materials, LLC (Western Concrete<br>Products) | 15151 Old Millpond Rd, Big Rapids, MI<br>49307 | Old Millpond Road                 | Sec 13 & Sec 14,<br>T15N, R10W       |

**MECOSTA**

| <b>Owner/Operator</b>                  | <b>Office Address</b>                    | <b>Operation Name</b>                | <b>Location</b>                      |
|--|--|--------------------------------------|--------------------------------------|
| Mecosta County Road Commission         | 120 N Dekraft Ave, Big Rapids, MI 49307  | Three Mile Road<br>(Consumers Power) | E/2 NW, Sec 19,<br>T13N, R10W        |
| Mecosta County Road Commission         | 120 N Dekraft Ave, Big Rapids, MI 49307  | 187th Avenue                         | NE SW & SE NW,<br>Sec 1, T14N, R10W  |
| Mecosta County Road Commission         | 120 N Dekraft Ave, Big Rapids, MI 49307  | 13 Mile Road                         | SE SW, Sec 26,<br>T15N, R8W          |
| Morningstar Enterprises, Inc.          | 15181 172nd Ave, Big Rapids, MI 49307    | 172nd Avenue                         | W/2 SE & NE SW,<br>Sec 18, T15N, R9W |
| Rieth-Riley Construction Company, Inc. | 20251 E 19 Mile Rd, Big Rapids, MI 49307 | Northland Drive                      | W/2, Sec 22,<br>T16N, R10W           |
| Rieth-Riley Construction Company, Inc. | 20251 E 19 Mile Rd, Big Rapids, MI 49307 | 180th Avenue                         | NW NW, Sec 18,<br>T15N, R9W          |
| Rockafellow Excavating, LLC            | 3891 W Deaner, Six Lakes, MI 48886       | 35th Avenue                          | NW/4, Sec 21,<br>T13N, R7W           |
| Switzer Sand & Gravel, Inc.            | 21130 22 Mile Rd, Paris, MI 49338        | 22 Mile Road                         | SE SE, Sec 9,<br>T16N, R10W          |
| Switzer Sand & Gravel, Inc.            | 21130 22 Mile Rd, Paris, MI 49338        | 170th Avenue                         | W/2 NW, Sec 8,<br>T15N, R9W          |
| Unknown                                | Unknown                                  | 190th Avenue                         | SE SE, Sec 35,<br>T16N, R10W         |
| Unknown                                | Unknown                                  | Harding Drive                        | NE SE, Sec 2,<br>T15N, R10W          |

**MENOMINEE**

| <b>Owner/Operator</b>             | <b>Office Address</b>                | <b>Operation Name</b>                    | <b>Location</b>              |
|-----------------------------------|--------------------------------------|--|------------------------------|
| Bacco Construction Company        | 3676 N US-2, Iron Mountain, MI 49801 | N-3 Lane (Christophersen)                | NE SE, Sec 2,<br>T33N, R27W  |
| Bark River Concrete Products      | 1397 US-2/41, Bark River, MI 49807   | County Road 400                          | NW NW, Sec 24,<br>T39N, R25W |
| Bark River Concrete Products      | 1397 US-2/41, Bark River, MI 49807   | Swede Road Number 47 (M<br>& W Minerals) | W/2 SW, Sec 3,<br>T39N, R25W |
| Barley Trucking & Excavating, Inc | 1824 10th Ave, Menominee, MI 49858   | 18th Avenue                              | SW SE, Sec 33,<br>T32N, R27W |

**MENOMINEE**

| <b>Owner/Operator</b>  | <b>Office Address</b>                | <b>Operation Name</b>          | <b>Location</b>                      |
|--|--------------------------------------|--------------------------------|--------------------------------------|
| Barley Trucking & Excavating, Inc  | 1824 10th Ave, Menominee, MI 49858   | US-41                          | SW NW, Sec 26,<br>T34N, R27W         |
| DDT Construction, Inc.   | N6960 US-41, Wallace, MI 49893       | P-1 Road #1                    | SE NE, Sec 4,<br>T34N, R27W          |
| DDT Construction, Inc.   | N6960 US-41, Wallace, MI 49893       | P-1 Road #2                    | SE NE & NE SE,<br>Sec 4, T34N, R27W  |
| DDT Construction, Inc.   | N6960 US-41, Wallace, MI 49893       | Wildwood Road Quarry           | SE SE, Sec 2,<br>T34N, R27W          |
| Dennis Motto Trucking, Inc.  | W1641 US-2/41, Wilson, MI 49896      | Apple Blossom Lane             | NW SW, Sec 9,<br>T38N, R25W          |
| Havelka Construction   | N4559 US-41, Wallace, MI 49893       | 48th Avenue                    | SW SW, Sec 23,<br>T32N, R27W         |
| Havelka Construction   | N4559 US-41, Wallace, MI 49893       | Havelka Quarry                 | W/2 SW, Sec 22,<br>T34N, R27W        |
| J & S Klee Enterprises, Inc.   | W914 Co Rd 400, Bark River, MI 49807 | Lafave Lane (Klee)             | E/2 SW & SW SW,<br>Sec 9, T38N, R25W |
| Krygoski Construction Company (Marquette<br>Aggregates & Materials/JFK Mining) | 1104 20th Ave, Menominee, MI 49858   | River Drive (Krygoski)         | SW SW, Sec 2,<br>T32N, R28W          |
| Krygoski Construction Company (Marquette<br>Aggregates & Materials/JFK Mining) | 1104 20th Ave, Menominee, MI 49858   | River Drive (Eickmeyer)        | SW NW, Sec 19,<br>T32N, R27W         |
| Krygoski Construction Company (Marquette<br>Aggregates & Materials/JFK Mining) | 1104 20th Ave, Menominee, MI 49858   | County Road 577<br>(Wesoloski) | SE/4, Sec 29,<br>T33N, R27W          |
| Payne & Dolan, Inc.  | 801 Clark Dr., Gladstone, MI 49837   | County Road 338 (Rasner)       | W/2 SE, Sec 31,<br>T34N, R26W        |
| Payne & Dolan, Inc.  | 801 Clark Dr., Gladstone, MI 49837   | Fredericksen                   | NW NE, Sec 25,<br>T35N, R28W         |
| Payne & Dolan, Inc.  | 801 Clark Dr., Gladstone, MI 49837   | Williams                       | NE/4, Sec 22,<br>T39N, R25W          |
| Payne & Dolan, Inc.  | 801 Clark Dr., Gladstone, MI 49837   | Swede Road Number 47           | SW SE, Sec 4,<br>T39N, R25W          |
| Tom Wangerin, Inc.   | N9273 US-41, Dagget, MI 49821        | Shampo Lane                    | NE NE, Sec 10,<br>T35N, R27W         |
| Unknown  | Unknown                              | County Road 577 (Wright)       | NW NW, Sec 33,<br>T32N, R27W         |

**MENOMINEE**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b>                | <b>Location</b>                      |
|-----------------------|-----------------------|--------------------------------------|--------------------------------------|
| Unknown               | Unknown               | County Road 338 (Tickler)            | SE SW, Sec 31,<br>T34N. R26W         |
| Unknown               | Unknown               | Number 13 Road                       | NE NW, Sec 36,<br>T34N. R27W         |
| Unknown               | Unknown               | Hayward Lake Road No. 16             | SW SW, Sec 10,<br>T34N. R26W         |
| Unknown               | Unknown               | County Road 346                      | NE SE, Sec 16,<br>T34N. R26W         |
| Unknown               | Unknown               | Cedar River Road<br>(Wirhanowicz)    | NE NW, Sec 30,<br>T35N. R25W         |
| Unknown               | Unknown               | Cedar River Road (Marks)             | NE SE, Sec 21,<br>T35N. R25W         |
| Unknown               | Unknown               | Walnut Road                          | W/2 SE, Sec 10,<br>T35N. R27W        |
| Unknown               | Unknown               | 24 Mile Road                         | SW NE, Sec 33,<br>T36N, R27W         |
| Unknown               | Unknown               | County Road 551<br>(Lanaville)       | SW SW, Sec 11,<br>T37N, R25W         |
| Unknown               | Unknown               | Kraniak Bros. Farm Quarry            | SE NW & SW NE,<br>Sec 25, T37N, R27W |
| Unknown               | Unknown               | Delta Men C                          | SE NE & NE SE,<br>Sec 25, T38N, R25W |
| Unknown               | Unknown               | Casino Lane                          | SE NW, Sec 36,<br>T38N, R25W         |
| Unknown               | Unknown               | Hannahville                          | Sec 26 & Sec 35,<br>T38N, R25W       |
| Unknown               | Unknown               | Lafave Lane (Lafave)                 | S/2 SE, Sec 16,<br>T38N, R25W        |
| Unknown               | Unknown               | Bellefeuille Lane                    | Sec 4 & Sec 9,<br>T38N, R25W         |
| Unknown               | Unknown               | Forty-Seven Mile Creek<br>(Wieciech) | NW SE, Sec 10,<br>T39N, R25W         |
| Unknown               | Unknown               | County Road 577 (Nielson)            | W/2 SE, Sec 24,<br>T35N R28W         |

**MENOMINEE**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b> | <b>Location</b>              |
|-----------------------|-----------------------|-----------------------|------------------------------|
| Unknown               | Unknown               | Bellefeuil            | SW SW, Sec 27,<br>T39N, R25W |

**MIDLAND**

| <b>Owner/Operator</b>             | <b>Office Address</b>                   | <b>Operation Name</b>              | <b>Location</b>             |
|-----------------------------------|---|------------------------------------|-----------------------------|
| Carroll Excavating, Inc.          | 699 Caterpillar Dr, Midland, MI 48642   | Olson Road (Carroll<br>Excavating) | SW SE, Sec 5,<br>T14N, R1W  |
| Finney Trucking, Inc.             | 2242 N Hope Rd, Midland, MI 48642       | Price Road                         | SW NE, Sec 28,<br>T15N, R1E |
| Johnson Contracting, Inc.         | 624 S Poseyville Rd, Midland, MI 48640  | Patterson Road                     | N/2 SE, Sec 7,<br>T13N, R2E |
| Kenny Trucking & Excavating, Inc. | 3924 E Coe Rd, Shepherd, MI 48883       | Olson Road (Kenny)                 | N/2 NE, Sec 9,<br>T14N, R2W |
| Thorton Excavating, Inc.          | 3887 N West River Rd, Sanford, MI 48657 | Huckleberry Road                   | NE SW, Sec 32,<br>T15N, R1W |
| Unknown                           | Unknown                                 | Olson Road (McAllister)            | NE SW, Sec 5,<br>T14N, R1W  |

**MISSAUKEE**

| <b>Owner/Operator</b>          | <b>Office Address</b>                        | <b>Operation Name</b>             | <b>Location</b>                     |
|--------------------------------|--|-----------------------------------|-------------------------------------|
| American Asphalt Paving, Inc.  | 843 N Menzies Rd, Lake City, MI 49651        | Menzies Road                      | W/2 SE, Sec 32,<br>T23N, R7W        |
| Carrick Trucking & Gravel, LLC | 7535 W Emery Rd, Houghton Lake, MI<br>48629  | 13 Mile Road (Ellsworth)<br>north | SW SW, Sec 20,<br>T22N, R5W         |
| Carrick Trucking & Gravel, LLC | 7535 W Emery Rd, Houghton Lake, MI<br>48629  | McVety Road                       | S/2 NE & NW SE,<br>Sec 5, T21N, R5W |
| Halliday Sand & Gravel, Inc.   | 1128 Federal Ave, Houghton Lake, MI<br>48629 | Moorestown Road                   | E/2 SW, Sec 13,<br>T24N, R7W        |
| Halliday Sand & Gravel, Inc.   | 1128 Federal Ave, Houghton Lake, MI<br>48629 | 13 Mile Road (Halliday)<br>east   | NW NW, Sec 29,<br>T22N, R5W         |
| Halliday Sand & Gravel, Inc.   | 1128 Federal Ave, Houghton Lake, MI<br>48629 | 13 Mile Road (Halliday)<br>west   | NE NE, Sec 30,<br>T22N, R5W         |

**MISSAUKEE**

| <b>Owner/Operator</b> | <b>Office Address</b>                  | <b>Operation Name</b>              | <b>Location</b>               |
|-----------------------|--|------------------------------------|-------------------------------|
| LC Materials          | 1317 W Sanborn Rd, Lake City, MI 49651 | Lake City Pit<br>(Gundy/Meyers #1) | Sec 26 & Sec 35,<br>T23N, R7W |
| Myers Gravel, Inc.    | 3563 S 13 Mile Rd, Merritt, MI 49667   | Blue Road                          | NE NW, Sec 32,<br>T22N, R5W   |
| Unknown               | Unknown                                | Beeler Road (Toonstra)             | SE SW, Sec 4,<br>T22N, R6W    |
| Unknown               | Unknown                                | Beeler Road (Snyder)               | SW SE, Sec 4,<br>T22N, R6W    |
| Unknown               | Unknown                                | Sanborn Road                       | NW SW, Sec 28,<br>T23N, R7W   |

**MONROE**

| <b>Owner/Operator</b>                              | <b>Office Address</b>                    | <b>Operation Name</b> | <b>Location</b>                     |
|--|--|-----------------------|-------------------------------------|
| Aggregate Industries (Meyer Material Company, LLC) | 15215 Day Rd, Dundee, MI 48131           | Dundee Quarry/Holcim  | Sec 6, T6S, R7E                     |
| Edward Giraud Trucking, Inc.                       | 12223 Darling Rd, Milan, MI 48160        | Townsend Road Pit     | Sec 9 & Sec 10,<br>T5S, R7E         |
| Edward Giraud Trucking, Inc.                       | 12223 Darling Rd, Milan, MI 48160        | Oelke Road            | E/2 SW & SE NW,<br>Sec 33, T5S, R7E |
| Edward Giraud Trucking, Inc.                       | 12223 Darling Rd, Milan, MI 48160        | Darling Road Pit #2   | E/2 NW, Sec 9,<br>T5S, R7E          |
| Herkimer Sand (Herkimer Backhoe and Trucking, LLC) | 16575 Ida West Rd, Petersburg, MI 49270  | Petersburg            | E/2 NW, Sec 2,<br>T7S, R6E          |
| Stoneco, Inc.                                      | 7555 Whiteford Rd, Ottawa Lake, MI 49267 | Ottawa Lake Quarry    | SE/4 & E/2 SW,<br>Sec 26, T8S, R6E  |
| Stoneco, Inc.                                      | 7250 Reaume Road, Newport, MI 48166      | Newport Quarry        | W/2, Sec 3,<br>T6S, R10E            |
| Stoneco, Inc.                                      | 6837 Scofield Rd, Maybee, MI 48159       | Maybee Quarry         | Secs 28, 29, & 32,<br>T5S, R8E      |
| Stoneco, Inc.                                      | 7500 Reaune Rd, Newport, MI 48166        | Rockwood Quarry       | E/2, Sec 3,<br>T6S, R10E            |

**MONROE**

| <b>Owner/Operator</b>                                   | <b>Office Address</b>                      | <b>Operation Name</b>    | <b>Location</b>              |
|---|--|--------------------------|------------------------------|
| Stoneco, Inc./Gerken Materials, Inc.                    | 15203 S Telegraph Rd, Monroe, MI 48161     | Denniston Quarry         | Private Claims,<br>T7S, R8E  |
| Sylvania Minerals, LLC (Great Lakes<br>Aggregates, LLC) | 5699 Ready Rd, South Rockwood, MI<br>48179 | Sylvania Minerals Quarry | S/2, Sec 17,<br>T5S, R10E    |
| Sylvania Minerals, LLC (Great Lakes<br>Aggregates, LLC) | 5699 Ready Rd, South Rockwood, MI<br>48179 | Armstrong Road Quarry    | S/2 SE, Sec 18,<br>T5S, R10E |
| Unknown   | Unknown                                    | Allison Road             | SW SE, Sec 15,<br>T5S, R7E   |

**MONTCALM**

| <b>Owner/Operator</b>                                       | <b>Office Address</b>                        | <b>Operation Name</b>                     | <b>Location</b>                     |
|---|--|---|-------------------------------------|
| Anderson Gravel Company, LLC                                | 8437 Snows Lake Rd, Greenville, MI 48838     | Snows Lake Road<br>(Anderson)             | NW NE & NE NW,<br>Sec 34, T9N, R8W  |
| Dana Sweet & Sons, Inc.                                     | 7425 W Almy Rd. Six Lakes, MI 48886          | Briggs Road                               | N/2 NE, Sec 26,<br>T11N, R8W        |
| Dan's Dirtworks, LLC  | 4784 Brown Rd, Sheridan, MI 48884            | Brown Road                                | SW NW, Sec 25,<br>T10N, R7W         |
| Dean's Landscaping & Excavating, Inc.                       | 48 Long Rd, Sand Lake, MI 49343              | Kimball Road                              | NE NW, Sec 35,<br>T11N, R10W        |
| Foor's Service, Inc.  | 8518 Pine Grove Rd, Vestaburg, MI 48891      | Edgar Road                                | NE NW, Sec 19,<br>T12N, R5W         |
| Foor's Service, Inc.  | 8518 Pine Grove Rd, Vestaburg, MI 48891      | Rock Lake                                 | NE SE, Sec 19,<br>T12N, R5W         |
| Halliday Sand & Gravel, Inc.                                | 1128 Federal Ave, Houghton Lake, MI<br>48629 | Stanton Road                              | N/2 NW & SW NW,<br>Sec 1, T10N, R6W |
| High Grade Materials Company                                | 9266 Snows Lake Rd, Greenville, MI 48838     | Snows Lake Road (High<br>Grade Materials) | Sec 34 & Sec 35,<br>T9N, R8W        |
| High Grade Materials Company                                | 9266 Snows Lake Rd, Greenville, MI 48838     | Berridge Road                             | S/2 NE, Sec 35,<br>T9N, R8W         |
| Montcalm Aggregates, Inc. (Vestaburg Sand<br>& Gravel, LLC) | 2201 Commerce Dr., Mt Pleasant, MI<br>48858  | M-66/Sheridan Road                        | NW SE & NE SW,<br>Sec 13, T11N, R7W |
| Montcalm Aggregates, Inc. (Vestaburg Sand<br>& Gravel, LLC) | 2201 Commerce Dr., Mt Pleasant, MI<br>48858  | Pine Grove Road                           | NE SE, Sec 7,<br>T12N, R5W          |

**MONTCALM**

| <b>Owner/Operator</b>                                    | <b>Office Address</b>                    | <b>Operation Name</b>  | <b>Location</b>                   |
|--|--|------------------------|-----------------------------------|
| Montcalm Aggregates, Inc. (Vestaburg Sand & Gravel, LLC) | 2201 Commerce Dr., Mt Pleasant, MI 48858 | Lake Montcalm Road     | SW SE, Sec 34, T12N, R5W          |
| Montcalm Aggregates, Inc. (Vestaburg Sand & Gravel, LLC) | 2201 Commerce Dr., Mt Pleasant, MI 48858 | Caris Road             | N/2 NW, Sec 4, T11N, R5W          |
| Parker Excavating Gravel & Recycle                       | 295 Hayes St NW, Comstock Park, MI 49321 | Vining Road            | SE NE, Sec 34, T12N, R8W          |
| Rockafellow Excavating, LLC                              | 3891 W Deaner, Six Lakes, MI 48886       | Waterwheel Road        | SW NE, Sec 5, T11N, R7W           |
| Simmons Gravel Company                                   | 5123 Youngman Rd, Greenville, MI 48838   | Youngman Road          | NE NW & NW NE, Sec 32, T10N, R8W  |
| Unknown  | Unknown                                  | Castle Road            | NE NW, Sec 34, T9N, R6W           |
| Unknown  | Unknown                                  | M-57/Washington Street | E/2 NW & W/2 NE, Sec 18, T9N, R8W |
| Unknown  | Unknown                                  | Colby Road             | NE NE, Sec 14, T10N, R6W          |

**MONTMORENCY**

| <b>Owner/Operator</b>                | <b>Office Address</b>                    | <b>Operation Name</b> | <b>Location</b>                  |
|--------------------------------------|--|-----------------------|----------------------------------|
| Ableidinger Excavating, LLC          | 24570 Lister Rd, Hillman, MI 49746       | County Road 451       | SW NE & NE SE, Sec 36, T32N, R4E |
| Carrick Trucking & Gravel, LLC       | 7535 W Emery Rd, Houghton Lake, MI 48629 | County Road 612       | E/2 SW, Sec 24, T29N, R1E        |
| Lewiston Sand & Gravel, Inc.         | 5168 Co Rd 612, Lewiston, MI 49756       | Buttles Road east     | SW/4, Sec 27, T30N, R1E          |
| Lewiston Sand & Gravel, Inc.         | 5168 Co Rd 612, Lewiston, MI 49756       | Lewiston              | S/2 SW, Sec 23, T29N, R1E        |
| Lewiston Sand & Gravel, Inc.         | 5168 Co Rd 612, Lewiston, MI 49756       | Buttles Road north    | SW NW, Sec 27, T30N, R1E         |
| Montmorency County Road Commission   | 11445 M-32, Atlanta, MI 49709            | Hunt Road             | SE SE, Sec 25, T31N, R3E         |
| Northstar Crushing & Screening, Inc. | 8541 N 3 Ln, Gladstone, MI 49837         | Matthews Road         | SE NW, Sec 20, T30N, R1E         |



**MONTMORENCY**

| <b>Owner/Operator</b> | <b>Office Address</b>              | <b>Operation Name</b> | <b>Location</b>                    |
|-----------------------|------------------------------------|-----------------------|------------------------------------|
| Oesch Excavating, LLC | 18850 Carter Rd, Atlanta, MI 49746 | Carter Road           | NE NE, Sec 36,<br>T30N, R3E        |
| R.E. Glancy, Inc.     | 124 M-55, Tawas City, MI 48764     | Buttles Road west     | SE/4 & SE NE,<br>Sec 28, T30N, R1E |
| Unknown               | Unknown                            | Old State Road        | NW SE, Sec 12,<br>T30N, R1E        |
| Unknown               | Unknown                            | Rea Road              | SE NE, Sec 35,<br>T31N, R4E        |

**MUSKEGON**

| <b>Owner/Operator</b>                                 | <b>Office Address</b>                            | <b>Operation Name</b> | <b>Location</b>              |
|---|--|-----------------------|------------------------------|
| Accurate Excavators, LLC                              | 2821 Central Rd, Muskegon, MI 49445              | Central Road          | SE NW, Sec 32,<br>T11N, R16W |
| Lakeside Aggregate, LLC                               | 4799 Cline Road, Fruitport, MI                   | Fruitport Sand Pit    | E/2 NE, Sec 18,<br>T9N, R15W |
| Lime Specialties Inc. of Michigan                     | 6271 Wilkes Rd, Montague, MI 49437               | Wilkes Road           | SE/4, Sec 36,<br>T12N, R18W  |
| Misze Sand Mine Company                               | 5148 W Riley-Thompson Rd, Whitehall, MI<br>49461 | Jay Road              | SE SW, Sec 17,<br>T11N, R17W |
| Nugent Sand Company, Inc.                             | 4912 Russell Rd, Muskegon, MI 49445              | Michillina Road       | SE SW, Sec 9,<br>T11N, R16W  |
| Orcutt Trucking, Inc.                                 | 6062 White Rd, Muskegon, MI 49442                | MacArthur Road        | SW NW, Sec 17,<br>T10N, R15W |
| The Pits, LLC   | 15780 Bailey Rd, Bailey, MI 49303                | Hall Road             | SW SW, Sec 14,<br>T10N, R13W |
| Thompson Excavating, LLC (Thompson<br>Brothers, Inc.) | 388 W McMillan Rd, Muskegon, MI 49445            | McMillan Road         | SE SW, Sec 29,<br>T11N, R16W |
| Vandenberg Septic                                     | 2438 Shaw Rd, Ravenna, MI 49451                  | Shaw Road             | SW SW, Sec 33,<br>T10N, R13W |
| Vandenberg Septic                                     | 2438 Shaw Rd, Ravenna, MI 49451                  | Shaw Road             | SW SW, Sec 33,<br>T10N, R13W |

**MUSKEGON**

| <b>Owner/Operator</b>       | <b>Office Address</b>                         | <b>Operation Name</b> | <b>Location</b>                   |
|-----------------------------|---|-----------------------|-----------------------------------|
| White Lake Excavating, Inc. | 2571 Holton Whitehall Rd, Whitehall, MI 49461 | Whitehall             | SW NE & NW SE, Sec 26, T12N, R17W |
| Unknown                     | Unknown                                       | Sherman Boulevard     | SE SW, Sec 33, T10N, R13W         |
| Unknown                     | Unknown                                       | Evanston Road         | SW SE, Sec 31, T10N, R15W         |
| Unknown                     | Unknown                                       | White Road            | SW SW, Sec 10, T10N, R13W         |

**NEWAYGO**

| <b>Owner/Operator</b>              | <b>Office Address</b>                       | <b>Operation Name</b>        | <b>Location</b>                   |
|------------------------------------|---|------------------------------|-----------------------------------|
| All Around Excavating              | 13064 Wisner Ave, Grant, MI 49327           | Wisner Ave                   | SW NE, Sec 28, T11N, R13W         |
| Barber Creek Sand & Gravel, Inc.   | 15666 Barber Creek Ave, Kent City, MI 49330 | Walnut Avenue                | SE SE, Sec 20, T16N, R12W         |
| Barber Creek Sand & Gravel, Inc.   | 15666 Barber Creek Ave, Kent City, MI 49330 | 136th Street (Groenke)       | E/2 SW, Sec 27, T11N, R11W        |
| Bayle Trucking, LLC                | 5195 N Comstock Ave, Hesperia, MI 49421     | Comstock Avenue              | NW SE, Sec 32, T15N, R14W         |
| Ensley Sand & Gravel, Inc.         | 4836 Red Pine Dr, Grant, MI 49327           | Elm Avenue                   | SW SW, Sec 16, T11N, R11W         |
| Halliday Sand & Gravel, Inc.       | 1128 Federal Ave, Houghton Lake, MI 48629   | 17 Mile Road                 | W/2 NE & SE NW, Sec 9, T16N, R12W |
| Halliday Sand & Gravel, Inc.       | 1128 Federal Ave, Houghton Lake, MI 48629   | 96th Street                  | NE/4, Sec 1, T11N, R11W           |
| Hamilton Sand & Stone              | 2110 S Maple Island Rd, Hesperia, MI 49421  | Maple Island Road (Hamilton) | NW SW, Sec 18, T13N, R14W         |
| Jahr, Inc.                         | 3635 W 12th St, Fremont, MI 49412           | 1 Mile Road                  | W/2 NW, Sec 32, T14N, R13W        |
| Johnson & Company Excavating, Inc. | 502 S Silver Dr., White Cloud, MI 49349     | White Cloud                  | SW/4, Sec 4, T13N, R12W           |

**NEWAYGO**

| <b>Owner/Operator</b>   | <b>Office Address</b>                    | <b>Operation Name</b>                 | <b>Location</b>                        |
|-------------------------|--|---------------------------------------|--|
| Ottawa Aggregates, Inc. | 4640 Coit Ave NE, Grand Rapids, MI 49525 | 14 Mile Road (Bitely Pit)             | E/2 NW & W/2 NE,<br>Sec 29, T16N, R12W |
| Unknown                 | Unknown                                  | Maple Island Road<br>(Kooistra) north | SE SW, Sec 18,<br>T11N, R14W           |
| Unknown                 | Unknown                                  | Maple Island Road<br>(Kooistra) south | NW NW, Sec 19,<br>T11N, R14W           |
| Unknown                 | Unknown                                  | 136th Street (Zimmer)                 | E/2 NW, Sec 32,<br>T11N, R12W          |

**OAKLAND**

| <b>Owner/Operator</b>   | <b>Office Address</b>                      | <b>Operation Name</b> | <b>Location</b>                            |
|---|--|-----------------------|--|
| A & E Agg, Inc. (Fyke Washed Sand & Gravel, Inc.)                                   | 3448 W Eleven Mile Rd, Berkley, MI 48072   | Brown Road            | W/2 SE, Sec 32,<br>T4N, R10E               |
| American Aggregates of Michigan, Inc. (The Levy Group, Inc.)                        | 275 Ray Rd, Oxford, MI 48371               | Ray Road              | Secs 10-11 & 14-15,<br>T5N, R10E           |
| American Aggregates of Michigan, Inc. (The Levy Group, Inc.)                        | 275 Ray Rd, Oxford, MI 48371               | Dunlap Road           | NW/4 & W/2 NE,<br>Sec 16, T5N, R10E        |
| American Aggregates of Michigan, Inc. (The Levy Group, Inc.)/Highland Sand & Gravel | 6454 Hickory Ridge Rd, Holly, MI 48442     | Hickory Ridge Road    | NW/4, W/2 NE, & N/2<br>SE, Sec 5, T3N, R7E |
| American Aggregates of Michigan, Inc. (The Levy Group, Inc.)/Kurtz Gravel Company   | 15176 Hawley Rd, Holly, MI 48442           | Hawley Road           | S/2 NE & N/2 SE,<br>Sec 30, T5N, R8E       |
| Anderson Excavating, Inc.   | 857 S Hospital Rd, Waterford Twp, MI 48327 | Hospital Road         | N/2 NW, Sec 32,<br>T3N, R9E                |
| Burroughs Materials (The Levy Group, Inc.)/Holly Sand & Gravel                      | 16240 Tindall Rd, Davisburg, MI 48350      | Tindall Road          | Sec 4, T4N R8E &<br>Sec 33, T5N, R8E       |
| Burroughs Materials (The Levy Group, Inc.)/Tri-City Aggregates, Inc.                | 16821 Dixie Hwy, Holly, MI 48442           | Wildwood Road         | S/2, Sec 34,<br>T5N, R8E                   |
| Holloway Sand & Gravel Company, Inc.  | 110 Swarthout Rd, Pinckney, MI 48169       | Sleeth Road           | SW/4, Sec 8,<br>T2N, R8E                   |
| Holly Disposal, Inc.  | 6400 Holdridge Rd, Holly, MI 48442         | Holly Pit             | Sec 13 & Sec 24,<br>T5N R7E                |

**OAKLAND**

| <b>Owner/Operator</b>     | <b>Office Address</b>                 | <b>Operation Name</b> | <b>Location</b>                     |
|---------------------------|---------------------------------------|-----------------------|-------------------------------------|
| Koenig Sand & Gravel, LLC | 1955 E Lakeville Rd, Oxford, MI 48371 | Lakeville Road east   | E/2 SW, Sec 24,<br>T5N, R10E        |
| Koenig Sand & Gravel, LLC | 1955 E Lakeville Rd, Oxford, MI 48371 | Lakeville Road west   | SE/4 & N/2, Sec 23,<br>T5N, R10E    |
| South Flint Gravel, Inc.  | 6090 Belford Rd, Holly, MI 48442      | Dixie Hwy             | Sec 12, T5N, R7E                    |
| Tri-City Aggregates, Inc. | 14300 Shields Rd, Holly, MI 48442     | Mt Holly Ski Area     | W/2, Sec 19,<br>T5N, R8E            |
| Tri-City Aggregates, Inc. | 12152 Dixie Hwy, Holly, MI 48442      | Oakwood Road          | N/2 SW & SE SW,<br>Sec 5, T5N, R10E |

**OCEANA**

| <b>Owner/Operator</b>     | <b>Office Address</b>                        | <b>Operation Name</b> | <b>Location</b>                      |
|---------------------------|--|-----------------------|--------------------------------------|
| Beckman Brothers, Inc.    | 3581 W Baker Rd, Shelby, MI 49455            | 110th Avenue          | E/2 SW & SE/4, Sec<br>24, T14N, R17W |
| Beckman Brothers, Inc.    | 3581 W Baker Rd, Shelby, MI 49455            | Baker Road            | W/2 SE, Sec 20,<br>T14N, R17W        |
| Brandel Farms, LLC        | 2107 N 84th Ave, Hart, MI 49420              | Fox Road (Brandel)    | NE SE, Sec 21,<br>T15N, R17W         |
| Brandel Farms, LLC        | 2107 N 84th Ave, Hart, MI 49420              | Fox Road (Eisenlohr)  | NW SE, Sec 21,<br>T15N, R17W         |
| Countyline Trucking, LLC  | 3719 W Washington Rd, Pentwater, MI<br>49449 | Washington Road east  | NE NW, Sec 5,<br>T16N, R17W          |
| Countyline Trucking, LLC  | 3719 W Washington Rd, Pentwater, MI<br>49449 | Washington Road west  | NW NW, Sec 5,<br>T16N, R17W          |
| Fuehring Farms, LLC       | 5109 W Taylor Rd, Mears, MI 49436            | Taylor Road           | SE SW, Sec 23,<br>T15N, R18W         |
| Hallack Contracting, Inc. | 4223 W Polk Rd, Hart, MI 49420               | Garfield Road         | NE NE, Sec 5,<br>T13N, R15W          |
| Hallack Contracting, Inc. | 4223 W Polk Rd, Hart, MI 49420               | Duck Road             | SW NE, Sec 32,<br>T15N, R18W         |

**OCEANA**

| <b>Owner/Operator</b>         | <b>Office Address</b>                  | <b>Operation Name</b> | <b>Location</b>               |
|-------------------------------|--|-----------------------|-------------------------------|
| Hallack Contracting, Inc.     | 4223 W Polk Rd, Hart, MI 49420         | 72nd Avenue (Hallack) | NE NE, Sec 31,<br>T16N, R17W  |
| The Lone Fox Company          | 9152 W Warren Rd, Shelby, MI 49455     | Warren Road           | SE NE, Sec 6,<br>T14N, R18W   |
| Ken Adams Excavating, Inc.    | 8770 N Oceana Dr., Pentwater, MI 49449 | Commercial Drive      | NE NE, Sec 4,<br>T13N, R15W   |
| Ken Adams Excavating, Inc.    | 8770 N Oceana Dr., Pentwater, MI 49449 | 72nd Avenue (Adams)   | NW SW, Sec 5,<br>T16N, R17W   |
| Oceana County Road Commission | 3501 W Polk Rd, Hart, MI 49420         | Pierce Road           | NW SW, Sec 8,<br>T14N, R16W   |
| Oceana County Road Commission | 3501 W Polk Rd, Hart, MI 49420         | Polk Road             | NW NE, Sec 20,<br>T15N, R17W  |
| Oceana County Road Commission | 3501 W Polk Rd, Hart, MI 49420         | 188th Avenue          | SE SW, Sec 3,<br>T16N, R15W   |
| Oceana County Road Commission | 3501 W Polk Rd, Hart, MI 49420         | 64th Avenue           | SW SW, Sec 19,<br>T14N, R17W  |
| Unknown                       | Unknown                                | Maple Island Road     | E/2 NE, Sec 36,<br>T13N, R15W |

**OGEMAW**

| <b>Owner/Operator</b>                | <b>Office Address</b>                        | <b>Operation Name</b> | <b>Location</b>                        |
|--------------------------------------|--|-----------------------|--|
| Bunting Sand & Gravel Products, Inc. | 3247 Cook Rd, West Branch, MI 48661          | Cook Road             | Sec 6, T21N R2E &<br>Sec 31, T22N, R2E |
| Crawford Sand & Gravel               | 320 Fairview Rd, West Branch, MI 48661       | Fairview Road         | SE/4 & NE SE,<br>Sec 6, T22N, R2E      |
| Dick Ehinger Excavating, Inc.        | 1110 S Dow Rd, West Branch, MI 48661         | Highland Drive        | NE SW, Sec 7,<br>T22N, R2E             |
| Eymer's Supply, Inc.                 | 1778 Greenwood Rd, Prescott, MI 48756        | Greenwood Road        | NE SW, Sec 29,<br>T21N, R3E            |
| Jeff Miller Excavating, LLC          | 1891 Gerald Miller Rd, West Branch, MI 48661 | Tawas Road            | NE NW, Sec 27,<br>T22N, R3E            |

**OGEMAW**

| <b>Owner/Operator</b>         | <b>Office Address</b>                 | <b>Operation Name</b> | <b>Location</b>             |
|-------------------------------|---------------------------------------|-----------------------|-----------------------------|
| Ogemaw County Road Commission | 1250 M-33, West Branch, MI 48661      | Number 250 Road west  | S/2 NW, Sec 5,<br>T22N, R2E |
| R.E. Glancy, Inc.             | 124 M-55, Tawas City, MI 48764        | Number 250 Road east  | Sec 4 & Sec 5,<br>T22N, R2E |
| Swanson's Excavating, Inc.    | 2733 Greenwood Rd, Prescott, MI 48756 | Lucinda Drive west    | SE NE, Sec 11,<br>T21N, R3E |
| Swanson's Excavating, Inc.    | 2733 Greenwood Rd, Prescott, MI 48756 | Lucinda Drive east    | SW NW, Sec 12,<br>T21N, R3E |

**ONTONAGON**

| <b>Owner/Operator</b>            | <b>Office Address</b>                       | <b>Operation Name</b>           | <b>Location</b>              |
|----------------------------------|---|---------------------------------|------------------------------|
| Norman Pestka Construction, Inc. | 115 Old Norwich Trl, Ontonagon, MI 49953    | Rockland (Pestka)               | E/2 SE, Sec 8,<br>T50N, R39W |
| Ontonagon County Road Commission | 415 Spar St, Ontonagon, MI 49953            | Agate Road                      | NE SW, Sec 16,<br>T47N, R38W |
| RH Huhtala Aggregates, Inc.      | 18154 US-Hwy 41, L'Anse, MI 49946           | M-38 (Sixmile Lake)             | SW SW, Sec 36,<br>T51N, R37W |
| Seidline Construction            | 30617 French Shanty Rd, Ontonagon, MI 49953 | Rockland Road (Seid)            | SE SE, Sec 4,<br>T50N, R39W  |
| Turpeinen Bros., Inc.            | 12920 M-38, Alston, MI 49958                | US-45                           | Sec 8 & Sec 9,<br>T50N, R39W |
| Unknown                          | Unknown                                     | Simar Airport Road<br>(Suvanto) | SE NE, Sec 35,<br>T51N, R37W |
| Unknown                          | Unknown                                     | Tom Creek                       | NW NE, Sec 21,<br>T47N,R38W  |

**OSCEOLA**

| <b>Owner/Operator</b>        | <b>Office Address</b>                     | <b>Operation Name</b> | <b>Location</b>             |
|------------------------------|---|-----------------------|-----------------------------|
| Halliday Sand & Gravel, Inc. | 1128 Federal Ave, Houghton Lake, MI 48629 | 7th Street north      | SE SW, Sec 19,<br>T17N, R9W |

**OSCEOLA**

| <b>Owner/Operator</b>          | <b>Office Address</b>                     | <b>Operation Name</b> | <b>Location</b>                   |
|--------------------------------|---|-----------------------|-----------------------------------|
| Halliday Sand & Gravel, Inc.   | 1128 Federal Ave, Houghton Lake, MI 48629 | 7th Street south      | N/2 NW, Sec 30, T17N, R9W         |
| Halliday Sand & Gravel, Inc.   | 1128 Federal Ave, Houghton Lake, MI 48629 | 135th Street west     | Sec 10 & Sec 11, T17N, R9W        |
| Osceola County Road Commission | 4737 Makwa Dr., Hersey, MI 49639          | 135th Street east     | N/2 SW, Sec 11, T17N, R9W         |
| Osceola County Road Commission | 4737 Makwa Dr., Hersey, MI 49639          | Makwa Drive           | S/2 NW & NW SW, Sec 11, T17N, R9W |
| Osceola County Road Commission | 4737 Makwa Dr., Hersey, MI 49639          | 16 Mile Road          | E/2 NW, Sec 18, T19N, R9W         |

**OSCODA**

| <b>Owner/Operator</b>           | <b>Office Address</b>              | <b>Operation Name</b> | <b>Location</b>            |
|---------------------------------|------------------------------------|-----------------------|----------------------------|
| Cedar Run Sand & Gravel Company | 3300 Randall Rd, Luzerne, MI 48636 | Cedar Run Road        | NE SE, Sec 5, T27N, R3E    |
| Oscoda County Road Commission   | 300 W 8th St, Mio, MI 48647        | Gerber Road           | Sec 23 & Sec 24, T27N, R2E |
| Unknown                         | Unknown                            | Weaver Road           | N/2 SW, Sec 12, T27N, R3E  |
| Unknown                         | Unknown                            | Abbe Road (Sanderson) | SW NE, Sec 27, T28N, R3E   |

**OTSEGO**

| <b>Owner/Operator</b>        | <b>Office Address</b>            | <b>Operation Name</b> | <b>Location</b>           |
|------------------------------|----------------------------------|-----------------------|---------------------------|
| Earthworks Enterprises, Inc. | 5584 E M-32, Gaylord, MI 49735   | McCoy Road            | E/2 SW, Sec 16, T30N, R2W |
| Earthworks Enterprises, Inc. | 5584 E M-32, Gaylord, MI 49735   | Dreffs Road           | N/2 SW, Sec 16, T30N, R2W |
| Mason Sand & Gravel, Inc.    | 1292 N Old 27, Gaylord, MI 49735 | Mason Dixon Mine      | E/2 NW, Sec 24, T30N, R3W |

**OTSEGO**

| <b>Owner/Operator</b>                  | <b>Office Address</b>             | <b>Operation Name</b> | <b>Location</b>              |
|--|-----------------------------------|-----------------------|------------------------------|
| Mason Sand & Gravel, Inc.              | 1292 N Old 27, Gaylord, MI 49735  | Gaylord               | SE SE, Sec 28,<br>T31N, R3W  |
| Otsego County Road Commission          | 669 McCoy Rd W, Gaylord, MI 49735 | I-75                  | SE NE, Sec 17,<br>T29N R3W   |
| Otsego County Road Commission          | 669 McCoy Rd W, Gaylord, MI 49735 | Winters Road          | NW NW, Sec 3,<br>T31N, R3W   |
| Otsego County Road Commission          | 669 McCoy Rd W, Gaylord, MI 49735 | Turtle Lake Road      | S/2 SE, Sec 21,<br>T30N, R2W |
| Otsego County Road Commission          | 669 McCoy Rd W, Gaylord, MI 49735 | Rock Road             | S/2 SE, Sec 15,<br>T30N, R2W |
| Otsego County Road Commission          | 669 McCoy Rd W, Gaylord, MI 49735 | Marquardt Road        | SW NE, Sec 29,<br>T31N, R2W  |
| Rieth-Riley Construction Company, Inc. | 4435 M-37 S, Grawn, MI 49637      | North Townline Road   | SE SE, Sec 1,<br>T31N, R4W   |

**OTTAWA**

| <b>Owner/Operator</b>  | <b>Office Address</b>                           | <b>Operation Name</b>           | <b>Location</b>                         |
|--|---|---------------------------------|---|
| Cedar Valley Associates, Inc.  | 8879 24th Ave, Jenison, MI 49428                | Fillmore Street (Cedar Valley)  | W/2 NW, Sec 3,<br>T6N, R13W             |
| Construction Aggregates Corporation of Michigan                        | 18153 N Shore Estates Rd, Spring Lake, MI 49456 | Cedar Drive                     | Sec 3, T7N, R15W &<br>Sec 34, T8N, R15W |
| De Went Gravel Company   | 1601 Chicago Dr., Jenison, MI 49428             | Chicago Drive                   | Sec 22 & Sec 23,<br>T6N, R13W           |
| Grand Rapids Gravel Company  | 1405 Taylor St, Jenison, MI 49428               | Fillmore Street (GRG Plant #16) | Sec 2 & Sec 3,<br>T6N, R13W             |
| Heyboer Excavating, Inc.   | 17340 Hayes St, Grand Haven, MI 49417           | Fillmore Street (Heyboer)       | NW NW, Sec 6,<br>T6N, R15W              |
| Hidden Timbers, LLC (Bill's Sandbox, Inc./Georgetown Construction Co.) | 6601 Wilshere Dr., Jenison, MI 49428            | Stanton Street                  | SE NW & SW NE,<br>Sec 6, T6N, R15W      |
| High Grade Materials Company   | 10561 Linden Dr., NW, Grand Rapids, MI 49544    | Linden Drive north              | E/2 SE, Sec 29,<br>T7N, R13W            |



**OTTAWA**

| <b>Owner/Operator</b>         | <b>Office Address</b>                              | <b>Operation Name</b>      | <b>Location</b>              |
|-------------------------------|--|----------------------------|------------------------------|
| Huizenga Gravel Company, Inc. | 1861 Fillmore St, Jenison, MI 49428                | Fillmore Street (Huizenga) | W/2 NE, Sec 3,<br>T6N, R13W  |
| Ottawa County Road Commission | 14110 Lakeshore Dr., Grand Haven, MI<br>49417      | Linden Drive south         | SE SE, Sec 29,<br>T7N, R13W  |
| Ravenna Gravel Company        | 3939 Gooding St, Conklin, MI 49403                 | 32nd Avenue                | N/2 NE, Sec 5,<br>T9N, R13W  |
| Reenders Blueberry Farms, LLC | 9981 W Olive Rd, West Olive, MI 49460              | 152nd Avenue               | SW NW, Sec 25,<br>T7N, R16W  |
| S & J Sand and Recycle, LLC   | 4510 Peach Ridge Ave NW, Grand Rapids,<br>MI 49544 | Coolidge Street            | NW SE, Sec 21,<br>T9N, R13W  |
| S & M Gravel, Inc.            | 14408 108 <sup>th</sup> Ave, Grand Haven, MI 49417 | 108th Avenue               | W/2 NE, Sec 2,<br>T7N, R15W  |
| S & M Gravel, Inc.            | 14408 108 <sup>th</sup> Ave, Grand Haven, MI 49417 | 104th Avenue               | Sec 13, T7N, R15W            |
| Standard Sand Corporation     | 14201 Lakeshore Dr., Grand Haven, MI<br>49417      | Lakeshore Drive            | Sec 4 & Sec 5,<br>T7N, R16W  |
| Visser Brothers, Inc.         | 1946 Turner Ave NW, Grand Rapids, MI<br>49504      | Placid Waters Subdivision  | E/2 SE, Sec 20,<br>T7N, R14W |
| Unknown                       | Unknown  | Perry Street               | E/2 NW, Sec 29,<br>T5N, R13W |

**PRESQUE ISLE**

| <b>Owner/Operator</b>       | <b>Office Address</b>                  | <b>Operation Name</b> | <b>Location</b>                       |
|-----------------------------|--|-----------------------|---------------------------------------|
| Besser Company              | 801 Johnson St, Alpena, MI 49707       | Grand Lake Road       | N/2 SE & S/2 NE,<br>Sec 23, T33N, R8E |
| Carmeuse Lime & Stone, Inc. | 1035 Calcite Rd, Rogers City, MI 49779 | Calcite Quarry        | T35N R5E &<br>T35N, R6E               |
| Curtis Excavating, Inc.     | 501 Park Dr., Rogers City, MI 49779    | North Ocqueoc Road    | NW/4, Sec 28,<br>T36N, R3E            |
| Hincka Logging, LLC         | 6464 Lake Augusta Hwy, Posen, MI 49776 | County Road 634       | E/2 NW & SW NE,<br>Sec 17, T33N, R7E  |

**PRESQUE ISLE**

| <b>Owner/Operator</b>               | <b>Office Address</b>                         | <b>Operation Name</b>               | <b>Location</b>                     |
|-------------------------------------|---|-------------------------------------|-------------------------------------|
| Lafarge North America, Inc.         | 11351 E Grand Lake Rd, Presque Isle, MI 49777 | Presque Isle Quarry (north & south) | T33N, R8E, & T33N, R9E, & T34N, R8E |
| Northcott Excavating, Inc.          | 2337 M-211, Onaway, MI 49765                  | M-211                               | NW SW, Sec 17, T35N, R2E            |
| Northern Michigan Aggregates, LLC   | 3242 Main St, Onaway, MI 49765                | Onaway Stone Co                     | W/2 NW, Sec 5, T34N, R2E            |
| Presque Isle County Road Commission | 19916 M-68, Onaway, MI 49765                  | Cheboygan Plains Highway            | NW NW, Sec 33, T36N, R3E            |
| Presque Isle County Road Commission | 19916 M-68, Onaway, MI 49765                  | Allis Highway                       | SW SE, Sec 18, T35N, R2E            |
| Presque Isle County Road Commission | 19916 M-68, Onaway, MI 49765                  | Rainy Lake Road south               | SW SW, Sec 22, T34N, R3E            |
| Presque Isle County Road Commission | 19916 M-68, Onaway, MI 49765                  | Rainy Lake Road north               | NW SW, Sec 22, T34N, R3E            |
| R.E. Glancy, Inc.                   | 124 M-55, Tawas City, MI 48764                | Trout Road                          | NE NE, Sec 24, T35N, R4E            |
| Unknown                             | Unknown                                       | M-33                                | S/2 SW & NE SW, Sec 17, T34N, R2E   |
| Unknown                             | Unknown                                       | Walter Highway                      | SW SE, Sec 28, T34N, R3E            |

**ROSCOMMON**

| <b>Owner/Operator</b>        | <b>Office Address</b>                      | <b>Operation Name</b> | <b>Location</b>                   |
|------------------------------|--|-----------------------|-----------------------------------|
| Halliday Sand & Gravel, Inc. | 1128 Federal Ave, Houghton Lake, MI 48629  | Redwood Drive         | SW/4, Sec 3, T23N, R3W            |
| Halliday Sand & Gravel, Inc. | 1128 Federal Ave, Houghton Lake, MI 48629  | Cut Road              | N/2 NE, Sec 10, T23N, R3W         |
| Halliday Sand & Gravel, Inc. | 1128 Federal Ave, Houghton Lake, MI 48629  | Pine Drive            | S/2 SE, Sec 30, T24N, R3W         |
| Porath Contractors, Inc.     | 760 S Harrison Rd, Houghton Lake, MI 48629 | Nestel Road           | W/2 NE & SE NW, Sec 24, T22N, R4W |

**ROSCOMMON**

| <b>Owner/Operator</b>            | <b>Office Address</b>                        | <b>Operation Name</b> | <b>Location</b>            |
|----------------------------------|--|-----------------------|----------------------------|
| Roscommon County Road Commission | 820 E West Branch Rd, Prudenville, MI 48651  | Reilly Road           | Sec 29 & Sec 32, T22N, R1W |
| Roscommon County Road Commission | 820 E West Branch Rd, Prudenville, MI 48651  | Nellsville Road       | W/2 NW, Sec 4, T22N, R4W   |
| Tomak Excavating                 | 6261 W Higgins Lake Dr., Roscommon, MI 48653 | Hillcrest Road        | NW NE, Sec 25, T24N, R4W   |

**SAGINAW**

| <b>Owner/Operator</b>   | <b>Office Address</b>         | <b>Operation Name</b> | <b>Location</b>         |
|-------------------------|-------------------------------|-----------------------|-------------------------|
| Constine Gravel Company | 2625 W M-21, Owosso, MI 48867 | Raucholz Road         | NW/4, Sec 26, T9N R2E   |
| Unknown                 | Unknown                       | Ederer Road           | NW NE, Sec 6, T11N, R2E |
| Unknown                 | Unknown                       | Ridge Road            | SE SW, Sec 27, T9N, R2E |

**SAINT CLAIR**

| <b>Owner/Operator</b>              | <b>Office Address</b>               | <b>Operation Name</b> | <b>Location</b>                   |
|------------------------------------|-------------------------------------|-----------------------|-----------------------------------|
| Blue Water Materials, LLC          | 3480 Fruit St, Clay Twp, MI 48001   | Fruit Street          | E/2 SW, Sec 4, T2N, R16E          |
| Burgess Contracting (Raybyrd, LLC) | 6601 Imlay City Rd., Ruby, MI 48049 | Abbotsford Road south | Sec 20 & Sec 21, T7N, R16E        |
| Burgess Contracting (Raybyrd, LLC) | 6601 Imlay City Rd., Ruby, MI 48049 | Abbotsford Road north | Sec 20 & Sec 21, T7N, R16E        |
| Click's Sand & Gravel, Inc.        | 8783 Bryce Rd, Avoca, MI 48006      | Bryce Road south      | NE NW & NW NE, Sec 27, T7N, R15E  |
| D.L.F. Trucking, Inc.              | 938 Miller Rd, Riley, MI 48041      | M-19 (Kinney Road)    | S/2 NW & SW NE, Sec 24, T6N, R14E |
| Mid-Michigan Materials, Inc.       | 6966 Fisher Rd, Jeddo, MI 48032     | Fisher Road south     | NE/4 & E/2 NW, Sec 6, T8N, R16E   |

**SAINT CLAIR**

| <b>Owner/Operator</b>      | <b>Office Address</b>                | <b>Operation Name</b>   | <b>Location</b>                     |
|----------------------------|--------------------------------------|-------------------------|-------------------------------------|
| Northern Aggregate, LLC    | 5068 Bricker Rd, Avoca, MI 48006     | Bricker Road            | S/2 SW & SW SE,<br>Sec 8, T7N, R15E |
| R.G.E. Aggregates, Inc.    | 9738 Gratiot Ave, Columbus, MI 48063 | Bryce Road north        | SE SW & SW SE,<br>Sec 22, T7N, R15E |
| Roberts Trucking, Inc.     | 8205 Cork Rd, Yale, MI 48097         | Cork Road               | SE NE & NE SE,<br>Sec 12, T8N, R14E |
| Roberts Trucking, Inc.     | 8205 Cork Rd, Yale, MI 48097         | Arendt Road             | E/2 SE, Sec 8,<br>T8N, R14E         |
| Siegel Sand & Gravel, Inc. | 12664 Sullivan Rd, Emmett, MI 48022  | Sullivan Road           | S/2 SE, Sec 5,<br>T7N, R14E         |
| Siegel Sand & Gravel, Inc. | 12664 Sullivan Rd, Emmett, MI 48022  | Welch Road (Siegel)     | S/2 NW, Sec 32,<br>T8N, R14E        |
| Unknown                    | Unknown                              | McKinley Road           | W/2 SW, Sec 21,<br>T3N, R16E        |
| Unknown                    | Unknown                              | Welch Road (Lietz)      | W/2 SE, Sec 8,<br>T7N, R14E         |
| Unknown                    | Unknown                              | Brown Road (Molesworth) | NE SE, Sec 8,<br>T7N, R15E          |

**SAINT JOSEPH**

| <b>Owner/Operator</b>                                  | <b>Office Address</b>                         | <b>Operation Name</b> | <b>Location</b>             |
|--|---|-----------------------|-----------------------------|
| Aggregate Industries (Meyer Material Company, LLC)     | 822 Schuster, Kalamazoo, MI 49001             | Major Road            | NW SE, Sec 24,<br>T6S, R11W |
| Hagen Cement Products, Inc.                            | 17149 US-12, White Pigeon, MI 49099           | US-12                 | Sec 5 & Sec 8,<br>T8S, R11W |
| Johansen Farms, LLC                                    | 54027 Bent Rd, Marcellus, MI 49067            | M-60                  | NW SW, Sec 26,<br>T6S, R12W |
| Kelley Excavating, Inc.                                | 57231 Angevine Rd, Centreville, MI 49032      | Angevine Road         | NW NW, Sec 8,<br>T6S, R10W  |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | Big Hill Road         | SE/4, Sec 6,<br>T8S, R9W    |

**SAINT JOSEPH**

| <b>Owner/Operator</b>          | <b>Office Address</b>                   | <b>Operation Name</b> | <b>Location</b>              |
|--------------------------------|---|-----------------------|------------------------------|
| Roberts Bros. Excavating, Inc. | 57610 Stoldt Rd, Three Rivers, MI 49093 | Broadway Road         | NW SE, Sec 22,<br>T6S, R12W  |
| Roberts Bros. Excavating, Inc. | 57610 Stoldt Rd, Three Rivers, MI 49093 | Stoldt Road           | NW SW, Sec 9,<br>T6S, R12W   |
| Starks Excavating              | 14950 M-60, Three Rivers, MI 49093      | Three Rivers          | E/2 SE, Sec 23,<br>T6S, R12W |
| Unknown                        | Unknown                                 | Covered Bridge Road   | NE SE, Sec 24,<br>T6S, R11W  |
| Unknown                        | Unknown                                 | Big Hill Road         | W/2 NW, Sec 5,<br>T8S, R9W   |

**SANILAC**

| <b>Owner/Operator</b>          | <b>Office Address</b>                        | <b>Operation Name</b> | <b>Location</b>                       |
|--------------------------------|--|-----------------------|---------------------------------------|
| Albrecht Sand & Gravel Company | 3790 W Sanilac Rd, Snover, MI 48472          | Sanilac Road north    | SW/4, Sec 31,<br>T12N, R13E           |
| Albrecht Sand & Gravel Company | 3790 W Sanilac Rd, Snover, MI 48472          | Sanilac Road south    | NE NW & NE/4,<br>Sec 6, T11N, R13E    |
| Albrecht Sand & Gravel Company | 3790 W Sanilac Rd, Snover, MI 48472          | Wheeler Road          | N/2 SE, Sec 18,<br>T13N, R13E         |
| CCG Ventures, LLC              | 311 Maple Grove Rd, Carsonville, MI<br>48419 | Old 51 (Trigger)      | NW SW, Sec 11,<br>T11N, R15E          |
| De Vor Dairy Farm, LLC         | 5113 Green Rd, Cass City, MI 48726           | Decker Road           | W/2 SW & SE SW,<br>Sec 34, T13N, R12E |
| Harter Farms, Inc.             | 2613 Range Line Rd, Deckerville, MI 48427    | Range Line Road       | SE NE, Sec 1,<br>T12N, R14E           |
| Jackson Farm, LLC              | 3831 Fernleigh Dr, Troy, MI 48083            | Marlette Road         | Govt Lot 3, Sec 5,<br>T10N, R15E      |
| KJW Trucking, LLC              | 3115 Washington Rd, Carsonville, MI<br>48419 | Washington Road       | NW/4, Sec 14,<br>T11N, R15E           |
| McCarty Excavating             | 400 Maple Grove Rd, Carsonville, MI<br>48419 | Old 51 (McCarty)      | S/2 NW, Sec 11,<br>T11N, R15E         |

**SANILAC**

| <b>Owner/Operator</b>        | <b>Office Address</b>                   | <b>Operation Name</b>  | <b>Location</b>               |
|------------------------------|---|------------------------|-------------------------------|
| Mid-Michigan Materials, Inc. | 6966 Fisher Rd, Jeddo, MI 48032         | Fisher Road north      | Sec 31 & Sec 32,<br>T9N, R16E |
| Moore Township               | 1556 Main St, Snover, MI 48472          | Moore Twp Gravel Pit   | NE SW, Sec 1,<br>T12N, R13E   |
| Palmer Farms, Inc.           | 2779 Ruth Rd, Deckerville, MI 48427     | Sandusky Road (Palmer) | SW NE, Sec 20,<br>T12N, R14E  |
| Reich Sand & Gravel, Inc.    | 3201 N Sandusky Rd, Sandusky, MI 48471  | Sandusky Road (Reich)  | SW SW, Sec 33,<br>T13N, R14E  |
| Reynolds Three, LLC          | 5101 S Sandusky Rd, Sandusky, MI 48471  | Harrington Road        | E/2 NW, Sec 27,<br>T10N, R15E |
| Stringer Excavating, LLC     | 1024 Palms Rd, Palms, MI 48465          | Mills Road             | W/2 SE, Sec 5,<br>T13N, R14E  |
| Weiss Excavating & Sand, LLC | 7050 Burns Line Rd, Lexington, MI 48450 | Burns Line Road        | NE/4, Sec 13,<br>T9N, R16E    |
| Unknown                      | Unknown                                 | Downington Road        | W/2 NE, Sec 1,<br>T12N, R14E  |
| Unknown                      | Unknown                                 | Argyle Road            | NW NE, Sec 18,<br>T13N, R13E  |

**SCHOOLCRAFT**

| <b>Owner/Operator</b>                 | <b>Office Address</b>                    | <b>Operation Name</b>               | <b>Location</b>                     |
|---------------------------------------|--|-------------------------------------|-------------------------------------|
| Bacco Construction Company            | 3676 N US-2, Iron Mountain, MI 49801     | County Road 442<br>(Hoholik/Dawson) | Sec 9 & Sec 10,<br>T41N, R17W       |
| Hiawatha Shores Aggregates & Crushing | 3098 N County Rd 436, Gulliver, MI 49840 | County Road 436 east                | SE SW & SW NE,<br>Sec 4, T42N, R14W |
| Manistique Rentals                    | 415 Chippewa Ave, Manistique, MI 49584   | Grass Lake                          | SE SW, Sec 3,<br>T40N, R17W         |
| Northstar Crushing & Screening, Inc.  | 8541 N 3 Ln, Gladstone, MI 49837         | County Road 442<br>(Krebs/Crona)    | Sec 9 & Sec 10,<br>T41N, R17W       |
| Payne & Dolan, Inc.                   | 801 Clark Dr., Gladstone, MI 49837       | M-77                                | NW SE, Sec 4,<br>T43N, R13W         |

**SCHOOLCRAFT**

| <b>Owner/Operator</b>              | <b>Office Address</b>                         | <b>Operation Name</b>         | <b>Location</b>                      |
|------------------------------------|---|-------------------------------|--------------------------------------|
| Schoolcraft County Road Commission | 332 N East Road, Manistique, MI 49854         | Duck Inn Road                 | NE SW, Sec 1,<br>T41N, R15W          |
| Schoolcraft County Road Commission | 332 N East Road, Manistique, MI 49854         | Little Harbor Road            | SW NW, Sec 26,<br>T40N, R17W         |
| Stephen Hartman Excavating, Inc.   | 8554 W County Rd 442, Manistique, MI<br>49854 | Flodin Road                   | NE NW, Sec 10,<br>T40N, R17W         |
| Whitman Contracting, LLC           | 7593 W Whitman Rd, Manistique, MI 49854       | Whitman Quarry                | SE SW, Sec 24,<br>T42N, R16W         |
| Zellar Excavating, Inc.            | 2725W US-2, Gulliver, MI 49840                | Zellar Road                   | E/2 SE, Sec 2,<br>T44N, R13W         |
| Zellar Excavating, Inc.            | 2725W US-2, Gulliver, MI 49840                | County Line Road              | SE SE, Sec 12,<br>T44N, R13W         |
| Zellar Excavating, Inc.            | 2725W US-2, Gulliver, MI 49840                | Ackley Road                   | NW NE, Sec 14,<br>T44N, R13W         |
| Unknown                            | Unknown                                       | Lakeside Road                 | N/2 SW & SW NW,<br>Sec 7, T41N, R15W |
| Unknown                            | Unknown                                       | Tannery Road                  | N/2 NE, Sec 7,<br>T41N, R15W         |
| Unknown                            | Unknown                                       | Thunder Lake Road<br>(Thomas) | SW SE, Sec 32,<br>T42N, R17W         |
| Unknown                            | Unknown                                       | Grant Road                    | NW NE & SE NE,<br>Sec 26, T44N, R13W |
| Unknown                            | Unknown                                       | County Road 436 west          | S/2 NW, Sec 4,<br>T42N, R14W         |
| Unknown                            | Unknown                                       | M- 94 (Weinert)               | NW SE, Sec 23,<br>T43N, R16W         |
| Unknown                            | Unknown                                       | Lasich Road                   | SE SW, Sec 35,<br>T42N, R15W         |
| Unknown                            | Unknown                                       | Erickson Road (Hoholik)       | NW SE, Sec 19,<br>T41N, R16W         |
| Unknown                            | Unknown                                       | Little Harbor Road (Stull)    | SW SW, Sec 26,<br>T40N, R17W         |

**SHIAWASSEE**

| <b>Owner/Operator</b>                                    | <b>Office Address</b>                      | <b>Operation Name</b> | <b>Location</b>                      |
|--|--|-----------------------|--------------------------------------|
| Carl Schlegel, Inc.                                      | 16527 Wood Rd, Lansing, MI 48906           | Ovid Pit              | SE/4, Sec 16,<br>T7N, R1E            |
| Carl Schlegel, Inc.                                      | 16527 Wood Rd, Lansing, MI 48906           | Beard Road            | W/2 SE & E/2 SW,<br>Sec 21, T5N, R1E |
| Constine Gravel Company                                  | 2625 M-21, Owosso, MI 48867                | M-52                  | S/2, Sec 27,<br>T6N, R2E             |
| Constine Gravel Company                                  | 2625 M-21, Owosso, MI 48867                | Ruess Road east       | W/2 NW, Sec 28,<br>T7N, R2E          |
| Constine Gravel Company                                  | 2625 M-21, Owosso, MI 48867                | Baldwin Road          | SW NW & NW SW,<br>Sec 19, T7N, R2E   |
| Fuoss Gravel Company                                     | 777 Busha Rd, Owosso, MI 48867             | Busha Road            | Sec 19-20 & 29-30,<br>T7N, R2E       |
| Fuoss Gravel Company                                     | 2190 W Grand River Rd, Owosso, MI<br>48867 | Grand River Road      | Sec 22, T6N, R2E                     |
| High Grade Materials Company                             | 265 E M-89, Plainwell, MI 49080            | Colby Lake Road       | SW SE, Sec 27,<br>T6N, R1E           |
| Shiawassee County Road Commission                        | 701 W Corunna Ave, Corunna, MI 48817       | Ruess Road west       | NW NE, Sec 29,<br>T7N, R2E           |
| Smith Sand & Gravel (S.A. Smith Paving & Trucking, Inc.) | 4085 Tyrell Rd, Owosso, MI 48867           | Tyrell Road           | E/2 NW, Sec 33,<br>T6N, R2E          |
| Sumbera Excavating, Inc.                                 | 6490 McBride Rd, Owosso, MI 48867          | McBride Road east     | NE/4, Sec 13,<br>T7N, R1E            |
| Sumbera Excavating, Inc.                                 | 6490 McBride Rd, Owosso, MI 48867          | McBride Road west     | E/2 NW, Sec 13,<br>T7N, R1E          |
| Unknown  | Unknown                                    | Wilkinson Road        | SE SW, Sec 6,<br>T7N, R2E            |

**TUSCOLA**

| <b>Owner/Operator</b>                      | <b>Office Address</b>                  | <b>Operation Name</b>    | <b>Location</b>   |
|--|--|--------------------------|-------------------|
| Ace-Saginaw Asphalt (The Levy Group, Inc.) | 9435 North Lake Rd, Fostoria, MI 48435 | North Lake (Castle Road) | Sec 33, T10N, R9E |



**TUSCOLA**

| <b>Owner/Operator</b>                      | <b>Office Address</b>                   | <b>Operation Name</b>                       | <b>Location</b>                       |
|--|---|---|---------------------------------------|
| Ace-Saginaw Asphalt (The Levy Group, Inc.) | 9435 North Lake Rd, Fostoria, MI 48435  | North Lake Road east                        | W/2 SW, Sec 28,<br>T10N, R9E          |
| Ace-Saginaw Asphalt (The Levy Group, Inc.) | 5800 Washburn Rd, Vassar, MI 48768      | Juniata Pit                                 | SE/4, Sec 24,<br>T11N, R8E            |
| Brinkman Excavating, LLC                   | 2780 Jacob Rd, Caro, MI 48273           | Lazelle Road                                | NE SW, Sec 16,<br>T13N, R10E          |
| Eggers Excavating, LLC                     | 7832 Kochville Rd, Freeland, MI 48263   | Sheridan Road (Eggers)                      | SW/4, Sec 1,<br>T11N, R8E             |
| M.A.C. Sand                                | 4702 W Saginaw Rd, Vassar, MI 48768     | Saginaw Road<br>(MacDonald)                 | W/2 NE, Sec 16,<br>T11N, R8E          |
| Michalski Excavating, LLC                  | 3307 Froede Rd, Kingston, MI 48741      | Sanilac Road                                | SE SW, Sec 36,<br>T12N, R10E          |
| Michalski Excavating, LLC                  | 3307 Froede Rd, Kingston, MI 48741      | Froede Road                                 | NW SW, Sec 36,<br>T12N, R10E          |
| Michigan Aggregate Products, LLC           | 2270 W Snover Rd, Mayville, MI 48744    | W Snover Road                               | E/2 SW & SE NW,<br>Sec 20, T11N, R9E  |
| Sargent Sand Company                       | 2840 Bay Rd, Saginaw, MI 48603          | Washburn Road                               | NW/4, Sec 19,<br>T11N, R9E            |
| Sargent Sand Company                       | 2840 Bay Rd, Saginaw, MI 48603          | Silvernail Road                             | NE SW, Sec 24,<br>T12N, R10E          |
| Shagene Excavating, LLC                    | 6760 N Cemetery Rd, Cass City, MI 48726 | Huron Line Drive                            | W/2 NE & NE NE,<br>Sec 3, T14N, R11E  |
| Thumb Aggregate Sales, LLC                 | 1024 Palms Rd, Palms, MI 48465          | Cass City                                   | W/2 SE, Sec 27,<br>T14N, R11E         |
| Thumb Aggregates, Inc.                     | 6933 Cass City Rd, Cass City, MI 48726  | Cass City Road (Doug<br>Wilson Enterprises) | W/2 NW & NE NW,<br>Sec 33, T14N, R11E |
| Tri County Aggregate, Inc.                 | 1716 Deer Path Dr., Lapeer, MI 48446    | Sheridan Road (Tri County<br>Agg)           | W/2 NE & SE NW,<br>Sec 35, T10N, R8E  |
| Tuscola County Road Commission             | 1733 Mertz Rd, Caro, MI 48723           | North Lake Road west                        | SE SE, Sec 29,<br>T10N, R9E           |
| Tuscola County Road Commission             | 1733 Mertz Rd, Caro, MI 48723           | Dutcher Road                                | NE NW, Sec 16,<br>T13,N R10E          |

**TUSCOLA**

| <b>Owner/Operator</b>  | <b>Office Address</b>           | <b>Operation Name</b>   | <b>Location</b>                       |
|------------------------|---------------------------------|-------------------------|---------------------------------------|
| Tuscola Materials, LLC | 28990 Wixom Rd, Wixom, MI 48393 | Ambrose Road            | SW NE & SE NW,<br>Sec 9, T11N, R9E    |
| Unknown                | Unknown                         | Fox                     | NE SE, Sec 29,<br>T10N, R9E           |
| Unknown                | Unknown                         | Saginaw Road (Colosky)  | SE NW, Sec 30,<br>T11N, R9E           |
| Unknown                | Unknown                         | Bray Road               | SE NW, Sec 28,<br>T10N, R7E           |
| Unknown                | Unknown                         | E Snover Road           | E/2 NE, Sec 25,<br>T11N, R10E         |
| Unknown                | Unknown                         | Cat Lake Road           | N/2 NW & SE NW,<br>Sec 31, T12N, R10E |
| Unknown                | Unknown                         | Blackmore Road          | N/2 SE, Sec 15,<br>T11N, R9E          |
| Unknown                | Unknown                         | Cass City Road (Czapla) | SW SE, Sec 29,<br>T14N, R10E          |
| Unknown                | Unknown                         | Florence Drive          | SW NE & NW SE,<br>Sec 32, T14N, R11E  |

**VAN BUREN**

| <b>Owner/Operator</b>                              | <b>Office Address</b>                   | <b>Operation Name</b> | <b>Location</b>                     |
|--|---|-----------------------|-------------------------------------|
| 46th Street, LLC                                   | 137 Hillsborough St, Hartford, MI 49057 | I-94                  | NE SE & SE NE, Sec<br>24, T3S, R15W |
| Aggregate Industries (Meyer Material Company, LLC) | 822 Schuster, Kalamazoo, MI 49001       | 1st Avenue            | NW NW, Sec 4,<br>T1S, R13W          |
| Bloomington Land Company, LLC                      | 1525 King Hwy, Kalamazoo, MI 49048      | County Road 665 west  | NE SE, Sec 29,<br>T1S, R14W         |
| Compton, Inc.                                      | 1201 8th Ave, South Haven, MI 49090     | South Haven           | NE SW, Sec 2,<br>T1S, R17W          |
| Compton, Inc.                                      | 1201 8th Ave, South Haven, MI 49090     | 22nd Avenue south     | NE SE, Sec 34,<br>T1S, R16W         |

**VAN BUREN**

| <b>Owner/Operator</b>   | <b>Office Address</b>                         | <b>Operation Name</b> | <b>Location</b>              |
|---|---|-----------------------|------------------------------|
| Consumers Sand & Gravel Company<br>(Consumers Concrete Corporation) | 3506 Lovers Ln, Kalamazoo, MI 49001           | 43rd Street           | N/2 SW, Sec 17,<br>T3S, R14W |
| Cornerstone Excavating, LLC   | 61747 Co Rd 388, South Haven, MI 49090        | County Road 665 east  | SW SW, Sec 28,<br>T1S, R14W  |
| Debest, Inc.  | 107 72nd St, South Haven, MI 49090            | County Road 338       | Sec 8, T1S, R16W             |
| Jensen's Excavating, Inc.   | 13271 M-140, South Haven, MI 49090            | 68th Street           | S/2 NW, Sec 8,<br>T1S, R16W  |
| Krohn Excavating, LLC   | 55361 M-43, Bangor, MI 49013                  | 22nd Avenue north     | SW NE, Sec 34,<br>T1S, R16W  |
| Kusmack Excavating & Septic   | 41361 74th Ave, Decatur, MI 49045             | 39th Street           | SW SE, Sec 34,<br>T3S, R14W  |
| Lawn Boys, Inc.   | 62511 M-43, Bangor, MI 49013                  | 20th Avenue           | NE NE, Sec 34,<br>T1S, R16W  |
| Lawn Boys, Inc.   | 62511 M-43, Bangor, MI 49013                  | M-43                  | NW NE, Sec 3,<br>T2S, R16W   |
| Michigan Paving & Materials<br>Company/Stoneco, Inc.                | 46046 W Red Arrow Hwy, Paw Paw, MI<br>49079   | Paw Paw (Klett)       | Sec 24, T3S, R14W            |
| Michigan Paving & Materials<br>Company/Stoneco, Inc.                | 46046 W Red Arrow Hwy, Paw Paw, MI<br>49079   | South Gravel Hill     | E/2 NE, Sec 13,<br>T3S, R15W |
| Michigan Paving & Materials<br>Company/Stoneco, Inc.                | 46046 W Red Arrow Hwy, Paw Paw, MI<br>49079   | Gravel Hill           | E/2 SE, Sec 12,<br>T3S, R15W |
| Pease Bros. Excavating, Inc.  | 42542 6th Ave, Bloomingdale, MI 49026         | 47th Street           | NW SE, Sec 25,<br>T1S, R15W  |
| R Smith & Sons Trucking, Inc. (Southwest<br>Gravel, Inc.)           | 3641 108 <sup>th</sup> Ave, Allegan, MI 49010 | Lois Pit              | SE NW, Sec 4,<br>T1S, R13W   |
| Van Buren County Road Commission                                    | 319 James St, Lawrence, MI 49064              | Reynolds Lake         | E/2 NE, Sec 24,<br>T3S R15W  |
| Van Buren County Road Commission                                    | 319 James St, Lawrence, MI 49064              | 26th Street           | SE SE, Sec 10,<br>T1S, R13W  |
| Welburn Excavating  | 81721 Co Rd 652, Lawton, MI 49065             | M-40                  | SW SE, Sec 5,<br>T4S, R13W   |

**VAN BUREN**

| <b>Owner/Operator</b>                 | <b>Office Address</b>                  | <b>Operation Name</b> | <b>Location</b>                     |
|---------------------------------------|--|-----------------------|-------------------------------------|
| Yerington Aggregates & Trucking, Inc. | 717 St Joseph Dr., St Joseph, MI 49085 | 46th Street           | SE NW & NE SW,<br>Sec 30, T3S, R14W |
| Unknown                               | Unknown                                | 67th Street           | SE NW, Sec 5,<br>T1S, R16W          |
| Unknown                               | Unknown                                | County Road 653       | SW SE, Sec 22,<br>T1S, R13W         |

**WASHTENAW**

| <b>Owner/Operator</b>   | <b>Office Address</b>                      | <b>Operation Name</b> | <b>Location</b>                    |
|---|--|-----------------------|------------------------------------|
| American Aggregates of Michigan, Inc. (The Levy Group, Inc.)      | 9985 Pleasant Lake Rd, Ann Arbor, MI 48103 | Freedom Township      | SE NW, Sec 26,<br>T3S R4E          |
| Ann Arbor Sand & Gravel, Inc.                                     | 2947 Greenfield Rd, Melvindale, MI 48122   | Scio Church Road      | E/2 NW & W/2 NE,<br>Sec 2, T3S R5E |
| Farmer Sand & Gravel, Inc.  | 6901 M-52, Manchester, MI 48158            | M-52 east             | SW SW, Sec 12,<br>T3S, R3E         |
| Fifty Two Minerals, LLC   | 5850 Pardee Rd, Taylor, MI 48180           | M-52 west             | NE SE, Sec 11,<br>T3S, R3E         |
| Finkbeiner Farm Sand & Gravel                                     | 10380 W Michigan Ave, Saline, MI 48176     | Michigan Avenue       | Sections 8, 9, & 17,<br>T4S, R5E   |
| GS Materials, LLC (The Gerken Companies)                          | 13500 Allen Rd, Clinton, MI 49236          | Hogan Road            | Sec 29 & Sec 30,<br>T4S, R4E       |
| Liberty Sand & Gravel/Killins Concrete Co. (The Levy Group, Inc.) | 3305 W Liberty Rd, Ann Arbor, MI 48103     | Wagner Road           | Sec 25 & Sec 36,<br>T2S, R5E       |
| Michigan Paving & Materials Company                               | 46046 W Red Arrow Hwy, Paw Paw, MI 49079   | Pleasant Lake Road    | Sec 20 & Sec 29,<br>T3S, R4E       |
| Niethammer Rock Stop, LLC   | 9750 W Michigan Ave, Saline, MI 48176      | Feldkamp Road         | E/2 NW & NW NE,<br>Sec 8 T4S R5E   |
| Stoneco, Inc.   | 2670 S Zeeb Rd, Ann Arbor, MI 48103        | Zeeb Road             | SE/4, Sec 4,<br>T3S R5E            |
| Stoneco, Inc.   | 6068 Steinbach Rd, Ann Arbor, MI 48103     | Burmeister            | Sec 23 & Sec 26,<br>T3S, R4E       |

**WASHTENAW**

| <b>Owner/Operator</b>           | <b>Office Address</b>                | <b>Operation Name</b> | <b>Location</b>            |
|---------------------------------|--------------------------------------|-----------------------|----------------------------|
| Washtenaw Sand & Gravel Company | 4984 Earhart Rd, Ann Arbor, MI 48105 | Earhart Road          | NW/4, Sec 1,<br>T2S, R6E   |
| Unknown                         | Unknown                              | Jerusalem Road        | SE SW, Sec 19,<br>T2S, R4E |

**WEXFORD**

| <b>Owner/Operator</b>                          | <b>Office Address</b>                          | <b>Operation Name</b> | <b>Location</b>                        |
|--|--|-----------------------|--|
| Dunbar Sand & Gravel (Dunbar Excavating, Inc.) | 6950 Whaley Rd, Cadillac, MI 49601             | Paluster Road         | SE SW & SW SE,<br>Sec 3, T21N, R9W     |
| Dunbar Sand & Gravel (Dunbar Excavating, Inc.) | 6950 Whaley Rd, Cadillac, MI 49601             | 44 1/2 Road           | SW NE, Sec 15,<br>T21N, R9W            |
| Elmer's Crane and Dozer, Inc.                  | 3600 Rennie School Rd, Traverse City, MI 49685 | W 14 Road             | NE NW, Sec 4,<br>T23N, R12W            |
| Franke Septic Tank Service, LLC                | 16577 E 52 Road, Tustin, MI 49688              | Franke Road           | N/2 SW, Sec 10,<br>T21N, R9W           |
| Halliday Sand & Gravel, Inc.                   | 1128 Federal Ave, Houghton Lake, MI 48629      | E 14 Road west        | SE SE, Sec 35,<br>T24N, R9W            |
| Meyer Construction Company                     | 300 Haynes St, Cadillac, MI 49601              | Wilcox Street         | NE NW, Sec 10,<br>T21N, R9W            |
| Raymer's Dozer Services                        | 8360 E 20 Rd, Manton, MI 49663                 | E 20 Road             | SE SW, Sec 16,<br>T23N, R9W            |
| Rieth-Riley Construction Company, Inc.         | 11300 E 14 Rd, Manton, MI 49663                | E 14 Road east        | Sec 1, T23N R9W &<br>Sec 36, T24N, R9W |
| Wexford County Road Commission                 | 85 M-115, Boon, MI 49618                       | N 33 Road             | SE NE, Sec 34,<br>T24N, R10W           |
| Wexford County Road Commission                 | 85 M-115, Boon, MI 49618                       | N 31 Road             | NE SE, Sec 33,<br>T23N, R10W           |
| Wexford County Road Commission                 | 85 M-115, Boon, MI 49618                       | 43 1/2 Road           | SE NW, Sec 10,<br>T21N, R9W            |
| Wexford Sand company                           | 8770 W 28 Mile Road, Harrietta, MI 49638       | W 28 Road             | Sec 3, T22N, R12W                      |

**WEXFORD**

| <b>Owner/Operator</b> | <b>Office Address</b> | <b>Operation Name</b> | <b>Location</b>              |
|-----------------------|-----------------------|-----------------------|------------------------------|
| Unknown               | Unknown               | N 7 Road              | E/2 SE, Sec 33,<br>T24N R12W |
| Unknown               | Unknown               | W 12 3/4 Road         | SE NW, Sec 34,<br>T24N, R12W |
| Unknown               | Unknown               | N 12 Road             | NE NE, Sec 33,<br>T24N, R9W  |
| Unknown               | Unknown               | N 43 Road             | SE NE, Sec 33,<br>T24N, R9W  |

**Appendix C**

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Construction Sand and Gravel Operations on State-Owned Property

**Appendix C.** State-owned sand and gravel pits arranged by county.

| <i>ALGER</i>       |                         |                        |            |            |            |                                |
|--------------------|-------------------------|------------------------|------------|------------|------------|--------------------------------|
| <b>DNR Pit No.</b> | <b>Pit Name</b>         | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b> |
|                    | Tuuri                   | SW NE                  | 28         | 45N        | 22W        |                                |
| 68                 | Percy Road              | SE NW                  | 19         | 46N        | 17W        |                                |
| 70                 | Star Siding Road #3     | SW NE                  | 23         | 46N        | 17W        |                                |
|                    | Forest Center Road      | SE NE                  | 22         | 46N        | 18W        |                                |
| 225                | Melstrand (Adams Trail) | NE SE                  | 15         | 47N        | 17W        | Alger County Road Commission   |

| <i>ALLEGAN</i>     |                         |                        |            |            |            |                                |
|--------------------|-------------------------|------------------------|------------|------------|------------|--------------------------------|
| <b>DNR Pit No.</b> | <b>Pit Name</b>         | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b> |
|                    | 12 <sup>th</sup> Street | W/2 SE                 | 24         | 1N         | 12W        |                                |
|                    | Livingston              | NW NE                  | 10         | 1N         | 13W        |                                |

| <i>ALPENA</i>      |                 |                        |            |            |            |                                |
|--------------------|-----------------|------------------------|------------|------------|------------|--------------------------------|
| <b>DNR Pit No.</b> | <b>Pit Name</b> | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b> |
| 409                | County Road 451 | N/2 NW                 | 30         | 32N        | 5E         |                                |



| <i>BARAGA</i>      |                   |                        |            |            |            |                                |
|--------------------|-------------------|------------------------|------------|------------|------------|--------------------------------|
| <b>DNR Pit No.</b> | <b>Pit Name</b>   | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b> |
| 453                | Ford Road Pit     | E/2 SW, SW SE          | 32         | 48N        | 34W        | Baraga County Road Commission  |
| 453                | Ford Road Pit     | NE NW, NW NE           | 5          | 47N        | 34W        | Baraga County Road Commission  |
|                    | Nestoria #2       | SW NE                  | 12         | 48N        | 32W        | Baraga County Road Commission  |
|                    | Baraga Plains Pit | E/2 SE                 | 31         | 49N        | 34W        | Baraga County Road Commission  |

| <i>CHARLEVOIX</i>  |                     |                        |            |            |            |                                   |
|--------------------|---------------------|------------------------|------------|------------|------------|-----------------------------------|
| <b>DNR Pit No.</b> | <b>Pit Name</b>     | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>    |
| 341                | French Bay Road     | SE SE                  | 13         | 37N        | 11W        | Charlevoix County Road Commission |
| 342                | Johnny Martin's Pit | SE NE                  | 35         | 38N        | 10W        |                                   |
| 501                | Chandler Hill Road  | NE NW                  | 33         | 33N        | 4W         |                                   |

| <i>CHEBOYGAN</i>   |                   |                        |            |            |            |                                   |
|--------------------|-------------------|------------------------|------------|------------|------------|-----------------------------------|
| <b>DNR Pit No.</b> | <b>Pit Name</b>   | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>    |
| 351                | Hogsback Pit      | W/2 NE                 | 2          | 34N        | 1W         | Rieth-Riley Construction Co, Inc. |
| 2                  | Watson Road Pit   | SE SW                  | 29         | 34N        | 3W         | Cheboygan County Road Commission  |
| 9                  | Doriva Beach Road | NE NW                  | 24         | 36N        | 1E         |                                   |
| 259                | Aloha Dump        | SE NW                  | 14         | 36N        | 1W         |                                   |
| 51                 | Meyer Pit         | W/2 SW                 | 14         | 37N        | 1W         | Cheboygan Cement Products         |

*CHIPPEWA*

| <b>DNR Pit No.</b> | <b>Pit Name</b>        | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>  |
|--------------------|------------------------|------------------------|------------|------------|------------|---------------------------------|
| 192                | Kinross Air Force Base | N/2 NE                 | 4          | 44N        | 1W         | Payne & Dolan                   |
| 192                | Kinross Air Force Base | S/2 SE                 | 33         | 45N        | 1W         | Payne & Dolan                   |
|                    | Trout Lake Sand Pit    | NW SE                  | 34         | 44N        | 6W         | Chippewa County Road Commission |

*CRAWFORD*

| <b>DNR Pit No.</b> | <b>Pit Name</b>           | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>        |
|--------------------|---------------------------|------------------------|------------|------------|------------|---------------------------------------|
| 199/537            | 7 Mile Pit                | SE SE<br>N/2 NE        | 9<br>16    | 25N        | 3W         |                                       |
| 378                | Kolka Creek               | N/2 SE, SW NE          | 15         | 28N        | 4W         | Crawford County Road Commission       |
| 604                | Bald Hill Clay Pit        | E/2 NW                 | 7          | 27N        | 1W         | Crawford County Road Commission       |
| 33                 | Redhead Lane              | SE NE                  | 25         | 27N        | 3W         |                                       |
|                    | Camp Grayling MPRC        | SW NW                  | 30         | 27N        | 2W         | Dept. of Military and Veteran Affairs |
| 29                 | Barker Lake Road          | NW NW                  | 34         | 26N        | 3W         | Crawford County Road Commission       |
|                    | Bud (Bald?) Hill Sand Pit | SE SW                  | 31         | 28N        | 2W         | Dept. of Military and Veteran Affairs |

*DICKINSON*

| <b>DNR Pit No.</b> | <b>Pit Name</b> | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>   |
|--------------------|-----------------|------------------------|------------|------------|------------|----------------------------------|
| 63                 | Aimone Road     | NW SE                  | 26         | 44N        | 28W        | Dickinson County Road Commission |
|                    | Buckler Road    | SE SE                  | 5          | 43N        | 27W        | Dickinson County Road Commission |

| <i>DICKINSON</i>   |                          |                          |            |            |            |  |
|--------------------|--------------------------|--------------------------|------------|------------|------------|--|
| <b>DNR Pit No.</b> | <b>Pit Name</b>          | <b>Quarter Quarter</b>   | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>                     |
|                    | Cassidy Creek Road       | NW NW                    | 29         | 40N        | 28W        |  |
|                    | Palmcooks Rocky Top Road | SW SE                    | 31         | 40N        | 28W        |  |
| <i>EMMET</i>       |                          |                          |            |            |            |  |
| <b>DNR Pit No.</b> | <b>Pit Name</b>          | <b>Quarter Quarter</b>   | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>                     |
| 603                | French Farm              | E/2 SW                   | 25         | 39N        | 4W         | H & D, Inc. (Rieth-Riley)                          |
| <i>JACKSON</i>     |                          |                          |            |            |            |  |
| <b>DNR Pit No.</b> | <b>Pit Name</b>          | <b>Quarter Quarter</b>   | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>                     |
|                    | Loveland Road (Waterloo) | E/2 SE<br>N/2 NE & NE NW | 1<br>12    | 2S         | 2E         | Aggregate Industries (Meyer Material Company, LLC) |
| <i>KALKASKA</i>    |                          |                          |            |            |            |  |
| <b>DNR Pit No.</b> | <b>Pit Name</b>          | <b>Quarter Quarter</b>   | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>                     |
| 454                | Naples Road              | SE NE<br>SW NW           | 33<br>34   | 25N        | 6W         |  |
| 504                | Smith Lake               | N/2 SE                   | 14         | 27N        | 8W         |  |

| <i>LUCE</i>        |                            |                        |               |            |            |                                 |
|--------------------|----------------------------|------------------------|---------------|------------|------------|---------------------------------|
| <b>DNR Pit No.</b> | <b>Pit Name</b>            | <b>Quarter Quarter</b> | <b>Sec</b>    | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>  |
|                    | Camp 7 Road-Hallifax Trail | SE NW, NE SW           | 20            | 48N        | 8W         |                                 |
| <i>MACKINAC</i>    |                            |                        |               |            |            |                                 |
| <b>DNR Pit No.</b> | <b>Pit Name</b>            | <b>Quarter Quarter</b> | <b>Sec</b>    | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>  |
| 380                | Fire Tower                 | Govt Lot 33            | Bois Blanc Is | 39N        | 1W         | Mackinac County Road Commission |
| 494                | Borgstrom Road/Dogman      | NE NW                  | 28            | 44N        | 8W         | Mackinac County Road Commission |
| 566                | South Pond Ridge           | NW SW                  | 21            | 44N        | 8W         | Mackinac County Road Commission |
| 190                | Rexton Gravel Pit          | NW SE                  | 32            | 44N        | 7W         |                                 |
|                    | Dollar Lake                | NE NE                  | 20            | 44N        | 8W         | Mackinac County Road Commission |
| 361                | Old Dump Pit               | Lots 11-12             | Bois Blanc Is | 39N        | 2W         | Island Contractors              |
| 363                | Winberg Road               | SE SE<br>NE NE         | 5<br>8        | 42N        | 1E         | Mackinac County Road Commission |
| <i>MENOMINEE</i>   |                            |                        |               |            |            |                                 |
| <b>DNR Pit No.</b> | <b>Pit Name</b>            | <b>Quarter Quarter</b> | <b>Sec</b>    | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>  |
| 303                | Westman Dam Road           | E/2 NW                 | 18            | 35N        | 25W        |                                 |

*MISSAUKEE*

| <b>DNR Pit No.</b> | <b>Pit Name</b> | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b> |
|--------------------|-----------------|------------------------|------------|------------|------------|--------------------------------|
| 46                 | Green Road      | NE SW                  | 13         | 23N        | 8W         |                                |

*MONTMORENCY*

| <b>DNR Pit No.</b> | <b>Pit Name</b>   | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b> |
|--------------------|-------------------|------------------------|------------|------------|------------|--------------------------------|
| 377                | Greasy Creek Road | S/2 NE                 | 23         | 29N        | 3E         |                                |
|                    | Vondette Road     | SE NW                  | 22         | 29N        | 2E         |                                |

*ONTONAGON*

| <b>DNR Pit No.</b> | <b>Pit Name</b>               | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>   |
|--------------------|-------------------------------|------------------------|------------|------------|------------|----------------------------------|
| 540                | Courtney Lake (Simar Airport) | E/2 SE                 | 35         | 51N        | 37W        | Ontonagon County Road Commission |

*OSCEOLA*

| <b>DNR Pit No.</b> | <b>Pit Name</b> | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b> |
|--------------------|-----------------|------------------------|------------|------------|------------|--------------------------------|
| 279                | 17 Mile Road    | NW NE                  | 11         | 19N        | 9W         |                                |

*ROSCOMMON*

| <b>DNR Pit No.</b> | <b>Pit Name</b> | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>    |
|--------------------|-----------------|------------------------|------------|------------|------------|-----------------------------------|
| 125                | 9 Mile Hill     | NW/4                   | 17         | 23N        | 2W         | Rieth-Riley Construction Co, Inc. |

*ROSCOMMON*

| <b>DNR Pit No.</b> | <b>Pit Name</b>  | <b>Quarter Quarter</b>       | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>      |
|--------------------|------------------|------------------------------|------------|------------|------------|-------------------------------------|
| 356                | St. Helen/Carter | NE SE, SE NE<br>SW NW, NW SW | 22<br>23   | 23N        | 2W         | Rieth-Riley Construction Co, Inc.   |
| 336                | Stoney Point     | NW NW                        | 32         | 23N        | 4W         | Roscommon County Road<br>Commission |

*SCHOOLCRAFT*

| <b>DNR Pit No.</b> | <b>Pit Name</b>            | <b>Quarter Quarter</b> | <b>Sec</b> | <b>Twp</b> | <b>Rng</b> | <b>Current Operator/Lessee</b>        |
|--------------------|----------------------------|------------------------|------------|------------|------------|---------------------------------------|
| 292                | Roberts                    | SE NW                  | 15         | 41N        | 17W        | Schoolcraft County Road<br>Commission |
| 583                | Sunken Lake/Seney<br>North | SE NE                  | 8          | 46N        | 13W        | Schoolcraft County Road<br>Commission |

**Appendix D**

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Limestone and Dolostone Operations

**Appendix D. Limestone and Dolostone operations in Michigan, as of 2015.**

| <b>Map No.</b> | <b>Owner/Operator</b>                           | <b>Office Address</b>                      | <b>Stone Type</b> | <b>Product</b>  | <b>Operation Name</b>                   | <b>Location</b>                                    |
|----------------|---|--|-------------------|-----------------|---|--|
| 1              | Bed Rock Quarry, Inc.                           | 10502W Government Rd, Manistique, MI 49854 | Limestone         | Crushed Stone   | Bed Rock Quarry (Percy Road)            | Sec 13, T46N, R18W Alger County                    |
| 2              | A Lindberg & Sons, Inc.                         | 599 Washington St, Ishpeming, MI 49849     | Limestone         | Crushed Stone   | Lindberg Quarry                         | Sec 24, T46N, R18W Alger County                    |
| 3              | Elmer's Crane & Dozer                           | 3870 E Hamilton Rd, Alpena, MI 49707       | Limestone         | Crushed Stone   | Szymanski Quarry                        | Sec 2, T31N, R8E Alpena County                     |
| 4              | R.E. Glancy, Inc.                               | 3502 Wessel Rd, Alpena, MI 49707           | Limestone         | Crushed Stone   | Fussey Quarry                           | Sec 11, T31N, R8E, Alpena County                   |
| 5              | Specification Stone Products (The Levy Company) | 1009 Long Lake Rd, Alpena, MI 49707        | Limestone         | Crushed Stone   | Long Lake Avenue Quarry (Alpena Quarry) | Sec 14, T31N, R8E Alpena County                    |
| 6              | Lafarge North America, Inc.                     | 1435 Ford Ave, Alpena, MI 49707            | Limestone         | Crushed Stone   | Alpena Quarry                           | Secs 12-13, T31N, R8E, Alpena County               |
| 7              | R.E. Glancy, Inc.                               | 111 N Walker Rd, Twining, MI 48766         | Limestone         | Crushed Stone   | Omer Quarry                             | Sec 3, T19N, R5E & Sec 34, T20N, R5E Arenac County |
| 8              | R.E. Glancy, Inc.                               | 5278 Turner Rd, Tawas City, MI 48763       | Limestone         | Crushed Stone   | Glancy Quarry                           | Secs 13-14, T20N, R7E Arenac County                |
| 9              | St. Marys Cement, Inc.                          | 16000 Bells Bay Rd, Charlevoix, MI 49720   | Limestone         | Cement Products | Charlevoix Quarry & Plant               | Secs 28 & 33, T34N, R8W Charlevoix County          |



**Appendix D. Continued.**

| <b>Map No.</b> | <b>Owner/Operator</b>                        | <b>Office Address</b>                            | <b>Stone Type</b>           | <b>Product</b>                                   | <b>Operation Name</b>                  | <b>Location</b>  |
|----------------|--|--|-----------------------------|--|--|--|
| 10             | St. Marys Cement, Inc.                       | 16000 Bells Bay Rd,<br>Charlevoix, MI 49720      | Limestone                   | Cement Products                                  | Block Quarry                           | Sec 5, T33N, R8W &<br>Sec 32, T34N, R8W<br>Charlevoix County |
| 11             | R.E. Glancy, Inc.                            | 10275 Hutchinson Rd,<br>Onaway, MI 49765         | Limestone                   | Crushed Stone                                    | Skuse Pit                              | Sec 23, T35N, R1E<br>Cheboygan County                        |
| 12             | R.E. Glancy, Inc.                            | 4876 Cross Rd, Afton, MI<br>49705                | Limestone                   | Crushed Stone                                    | Afton Quarry                           | Secs 25 & 36,<br>T35N, R2W<br>Cheboygan County               |
| 13             | Rieth-Riley<br>Construction<br>Company, Inc. | 411 M-68, Afton, MI 49705                        | Limestone                   | Crushed Stone                                    | M-68 Quarry                            | Sec 31, T35N, R1W<br>Cheboygan County                        |
| 14             | Carmeuse Lime &<br>Stone, Inc.               | 22331 E Haul Rd,<br>Drummond Island, MI<br>49726 | Dolostone                   | Crushed Stone,<br>Chemical<br>Grade<br>Dolostone | Drummond Island<br>Quarry              | Secs 2-3 & 10-11,<br>T41N, R5E Chippewa<br>County            |
| 15             | RGGS Land &<br>Minerals, LTD                 | 100 Waugh Dr., Houston,<br>TX 77007              | Dolostone                   | Crushed Stone                                    | Rockview Quarry                        | Sec 30, T43N, R1E<br>Chippewa County                         |
| 16             | D & L Gembel &<br>Sons, Inc.                 | 13455 8th Rd, Garden, MI<br>49835                | Dolostone                   | Crushed Stone                                    | Doans Quarry<br>(Federal Forest<br>#2) | Sec 11, T39N, R21W<br>Delta County                           |
| 17             | Unknown                                      | 6698 County 511 Y.5 Rd,<br>Rapid River, MI 49878 | Dolostone                   | Crushed Stone,<br>Dimension<br>Stone             | County 511 Y.5<br>Quarry               | Sec 11, T39N, R21W<br>Delta County                           |
| 18             | Bichler Gravel &<br>Concrete Company         | 6851 County Rd 426,<br>Escanaba, MI 49829        | Limestone<br>&<br>Dolostone | Crushed Stone                                    | Brayak Quarry                          | Sec 13, T40N, R23W<br>Delta County                           |

**Appendix D. Continued.**

| <b>Map No.</b> | <b>Owner/Operator</b>                                 | <b>Office Address</b>                    | <b>Stone Type</b>     | <b>Product</b>                          | <b>Operation Name</b> | <b>Location</b>  |
|----------------|---|--|-----------------------|---|-----------------------|--|
| 19             | Payne & Dolan, Inc.                                   | 801 Clark Dr., Gladstone, MI 49837       | Limestone & Dolostone | Crushed Stone                           | Solis Quarry          | Sec 23, T40N, R23W Delta County                            |
| 20             | Havelka Construction                                  | N4559 US-41, Wallace, MI 49893           | Limestone & Dolostone | Crushed Stone                           | Flatrock Quarry       | Sec 21, T40N, R23W Delta County                            |
| 21             | Bellevue Stone Products, LLC/Heritage Resources, Inc. | 9449 Sand Rd, Bellevue, MI 49316         | Limestone             | Dimension Stone, Rip Rap, Crushed Stone | Bellevue Quarry       | Secs 32-33, T1N, R6W Eaton County                          |
| 22             | F.G. Cheney Limestone Co., Inc.                       | 9400 Sand Rd, Bellevue, MI 49316         | Limestone             | Crushed Stone                           | Cheney Limestone      | Secs 28 & 32-33, T1N, R6W Eaton County                     |
| 23             | Burroughs Materials                                   | 8785 Ribble Rd, Bayport, MI 48720        | Limestone             | Crushed Stone                           | Wallace Stone Quarry  | Secs 5-6, T16N, R10E & Secs 31-32, T17N, R10E Huron County |
| 24             | Kasson Sand & Gravel Company                          | 10282 S Pierce Rd, Maple City, MI 49664  | Limestone             | Crushed Stone                           | Pierce Road Pit       | Sec 16, T28N, R13W Leelanau County                         |
| 25             | Carmeuse Lime & Stone, Inc.                           | 5093 E Hwy M-134, Cedarville, MI 49719   | Dolostone             | Crushed Stone, Chemical Grade Dolostone | Cedarville Quarry #2  | Secs 26-27 & 34-35, T42N, R1E Mackinac County              |
| 26             | Carmeuse Lime & Stone, Inc.                           | 5093 E Hwy M-134, Cedarville, MI 49719   | Dolostone             | Crushed Stone, Chemical Grade Dolostone | Cedarville Quarry     | Secs 3, 4, & 10, T42N, R1E Mackinac County                 |
| 27             | Graymont (MI) LLC                                     | 8306 W Hiawatha Trl, Naubinway, MI 49762 | Limestone             | Crushed Stone                           | Hendrick's Quarry     | Sec 1, T44N, R9W & Sec 6, T44N, R8W Mackinac County        |

**Appendix D. Continued.**

| <b>Map No.</b> | <b>Owner/Operator</b>                              | <b>Office Address</b>                      | <b>Stone Type</b>           | <b>Product</b> | <b>Operation Name</b>            | <b>Location</b>                        |
|----------------|--|--|-----------------------------|----------------|----------------------------------|--|
| 28             | Newberry Redi-Mix<br>(Precision Redi-Mix,<br>Inc.) | 298 E Victory Way,<br>Newberry, MI 49868   | Limestone<br>&<br>Dolostone | Crushed Stone  | Bill Burton Quarry               | Sec 25, T43N, R12W<br>Mackinac County  |
| 29             | Payne & Dolan, Inc.                                | 17777 S Caldwell Rd,<br>Kinross, MI 49752  | Dolostone                   | Crushed Stone  | Ozark Quarry                     | Sec 8, T43N, R5W<br>Mackinac County    |
| 30             | Unknown  | Unknown                                    | Dolostone                   | Unknown        | Criderman Road<br>#2 (Piippo)    | Sec 9, T43N, R2W<br>Mackinac County    |
| 31             | A. Lindberg & Sons,<br>Inc.                        | 1017 County Rd 480,<br>Marquette, MI 49855 | Dolostone                   | Crushed Stone  | 480 Pit                          | Sec 8, T47N, R25W<br>Marquette County  |
| 32             | Havelka Construction                               | N4559 US-41, Wallace, MI<br>49893          | Limestone<br>&<br>Dolostone | Crushed Stone  | Havelka Quarry                   | Sec 22, T34N, R27W<br>Menominee County |
| 33             | DDT Construction,<br>Inc.                          | N6960 US-41, Wallace, MI<br>49893          | Limestone                   | Crushed Stone  | Wildwood Road<br>Quarry          | Sec 2, T34N, R27W<br>Menominee County  |
| 34             | Unknown  | Unknown                                    | Limestone                   | Unknown        | Kraniak Bros.<br>Farm Quarry     | Sec 25, T37N, R25W<br>Menominee County |
| 35             | Aggregate Industries                               | 15215 Day Rd, Dundee,<br>MI 48131          | Limestone                   | Crushed Stone  | Dundee Quarry<br>(Holcim Quarry) | Sec 6, T6S, R7E<br>Monroe County       |
| 36             | Stoneco of Michigan                                | 7250 Reaune Rd,<br>Newport, MI 48166       | Dolomitic<br>Limestone      | Crushed Stone  | Newport Quarry                   | Sec 3, T6S, R10E<br>Monroe County      |

**Appendix D. Continued.**

| <b>Map No.</b> | <b>Owner/Operator</b>                                      | <b>Office Address</b>                            | <b>Stone Type</b>           | <b>Product</b> | <b>Operation Name</b>                     | <b>Location</b>   |
|----------------|--|--|-----------------------------|----------------|---|---|
| 37             | Stoneco of Michigan  | 7500 Reaune Rd,<br>Newport, MI 48166             | Dolomitic<br>Limestone      | Crushed Stone  | Rockwood Quarry                           | Sec 3, T6S, R10E<br>Monroe County                             |
| 38             | Stoneco of Michigan  | 15203 S Telegraph Rd,<br>Monroe, MI 48161        | Dolostone                   | Crushed Stone  | Denniston Quarry                          | Secs 2 & 11,<br>T7S, R8E<br>Monroe County                     |
| 39             | Stoneco of Michigan  | 7555 Whiteford Rd,<br>Ottawa Lake, MI 49267      | Dolostone                   | Crushed Stone  | Ottawa Lake<br>Quarry                     | Secs 35-36, T8S, R6E<br>Monroe County                         |
| 40             | Stoneco of Michigan  | 6837 Scofield Rd, Maybee,<br>MI 48159            | Limestone<br>&<br>Dolostone | Crushed Stone  | Maybee Quarry                             | Secs 28, 29, & 32,<br>T5S, R8E<br>Monroe County               |
| 41             | Sylvania Minerals,<br>LLC (Great Lakes<br>Aggregates, LLC) | 5699 Ready Rd, South<br>Rockwood, MI 48179       | Dolomitic<br>Limestone      | Crushed Stone  | Sylvania Minerals<br>Quarry               | Sec 17, T5S, R10E<br>Monroe County                            |
| 42             | Carmeuse Lime &<br>Stone, Inc.                             | 1035 Calcite Rd, Rogers<br>City, MI 49779        | Limestone                   | Crushed Stone  | Calcite Quarry                            | T35N, R5E & T35N,<br>R6E Presque Isle<br>County               |
| 43             | Lafarge North<br>America, Inc.                             | 11351 E Grand Lake Rd,<br>Presque Isle, MI 49777 | Limestone                   | Crushed Stone  | Presque Isle<br>Quarry (north &<br>south) | T33N, R8E, & T33N,<br>R9E, & T34N, R8E<br>Presque Isle County |
| 44             | R.E. Glancy, Inc.  | 124 M-55, Tawas City, MI<br>48764                | Limestone                   | Crushed Stone  | Trout River Road<br>Pit                   | Sec 24, T35N, R4E<br>Presque Isle County                      |
| 45             | Unknown  | Unknown  | Dolostone                   | Crushed Stone  | Tannery Road                              | Sec 7, T41N, R15W<br>Schoolcraft County                       |

**Appendix D. Continued.**

| <b>Map No.</b> | <b>Owner/Operator</b>                       | <b>Office Address</b>                      | <b>Stone Type</b> | <b>Product</b>                          | <b>Operation Name</b>              | <b>Location</b>  |
|----------------|---|--|-------------------|---|------------------------------------|--|
| 46             | Northfork Construction Co., Inc.            | 5665 W Hwy US-2, Manistique, MI 49854      | Dolostone         | Crushed Stone                           | Northfork Construction Quarry      | Sec 36, T42N, R15W Schoolcraft County                          |
| 47             | Carmeuse Lime & Stone, Inc.                 | 15 W County Rd 432, Gulliver, MI 49840     | Limestone         | Chemical Grade Limestone                | Port Inland Quarry north           | T42N, R12-13W, & T43N, R12-13W Schoolcraft & Mackinac counties |
| 48             | Carmeuse Lime & Stone, Inc.                 | 15 W County Rd 432, Gulliver, MI 49840     | Dolostone         | Crushed Stone, Chemical Grade Dolostone | Port Inland Quarry south           | T41N, R13W & T42N, R13W Schoolcraft County                     |
| 49             | Unknown                                     | Unknown                                    | Dolostone         | Unknown                                 | Stelzer Road                       | Sec 29, T42N, R14W Schoolcraft County                          |
| 50             | Stephen Hartman Excavating, Inc.            | 8554 W County Rd 442, Manistique, MI 49854 | Dolostone         | Crushed Stone                           | M-94 (Sawheilde) Quarry            | Sec 14, T42N, R16W Schoolcraft County                          |
| 51             | Bosanic Trucking, Inc.                      | 1727 N Kendall Rd, Manistique, MI 49854    | Dolostone         | Crushed Stone                           | M-94 (Bosanic)                     | Sec 25, T42N, R16W Schoolcraft County                          |
| 52             | Bacco Construction Company                  | 3676 N US-2, Iron Mountain, MI 49801       | Dolostone         | Crushed Stone                           | County Road 442 (Hoholik/Dawson)   | Sec 9 & 10, T41N, R17W Schoolcraft County                      |
| 53             | Northstar Crushing & Screening, Inc.        | 8541 N 3 Ln, Gladstone, MI 49837           | Dolostone         | Crushed Stone                           | County Road 442 (Krebs/Crona)      | Sec 9 & 10, T41N, R17W Schoolcraft County                      |
| 54             | Mountain Stone, LLC/Aggregates America, LLC | 209 Hudson Dr., Sault Ste. Marie, MI 49783 | Dolostone         | Crushed Stone, Dimension Stone          | Thunder Lake Road (Glatius Quarry) | Sec 8, T41N, R17W Schoolcraft County                           |

**Appendix D. Continued.**

| <b>Map No.</b> | <b>Owner/Operator</b> | <b>Office Address</b>             | <b>Stone Type</b>      | <b>Product</b> | <b>Operation Name</b> | <b>Location</b>                  |
|----------------|-----------------------|-----------------------------------|------------------------|----------------|-----------------------|----------------------------------|
| 55             | Sibley Limestone      | 803 Fort St, Trenton, MI<br>48183 | Dolomitic<br>Limestone | Crushed Stone  | Sibley Quarry         | Sec 7, T4S, R11E<br>Wayne County |

**Appendix E**

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Mineral Producers Listed by County

Appendix E. Mineral Producers Listed by County.

*Alcona*

| <b>Operator/Owner</b>       | <b>Mineral/Commodity</b> |
|-----------------------------|--------------------------|
| Lincoln Sand & Gravel, Inc. | Sand & Gravel            |
| R.E. Glancy, Inc.           | Sand & Gravel            |
| Rock Island Excavating      | Sand & Gravel            |
| Werner Sand & Gravel        | Sand & Gravel            |

*Alger*

| <b>Operator/Owner</b>    | <b>Mineral/Commodity</b>           |
|--------------------------|------------------------------------|
| A Lindberg & Sons, Inc.  | Limestone/Dolostone, Sand & Gravel |
| Bed Rock Quarry, Inc.    | Limestone/Dolostone                |
| Payne & Dolan, Inc.      | Sand & Gravel                      |
| Smith Construction, Inc. | Sand & Gravel                      |

*Allegan*

| <b>Operator/Owner</b>                              | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Aggregate Industries (Meyer Material Company, LLC) | Sand & Gravel            |
| Aggregate Resources, Inc.                          | Sand & Gravel            |
| Allegan County Sand & Gravel, Inc.                 | Sand & Gravel            |
| Belden Sand & Gravel (Steve's Excavation)          | Sand & Gravel            |
| Brewer's City Dock, Inc.                           | Sand & Gravel            |



*Allegan*

| <b>Operator/Owner</b>                                  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| C & H Immekus Enterprises, Inc.                        | Sand & Gravel            |
| Diversco Construction Company, Inc.                    | Sand & Gravel            |
| High Grade Materials Company                           | Sand & Gravel            |
| Marsh Sand and Gravel Company                          | Sand & Gravel            |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | Sand & Gravel            |
| Riverfront Redi-Mix, Inc. (Bob-O-Link Associates, LLC) | Sand & Gravel            |
| Rocky-Top Sand & Gravel                                | Sand & Gravel            |
| Scharf Pit, LLC  | Sand & Gravel            |
| Stoneco, Inc.  | Sand & Gravel            |
| Top Grade Aggregates, LLC                              | Sand & Gravel            |

*Alpena*

| <b>Operator/Owner</b>           | <b>Mineral/Commodity</b>           |
|---------------------------------|------------------------------------|
| Alpena Aggregate, Inc.          | Sand & Gravel                      |
| Bolen Asphalt Paving, Inc.      | Sand & Gravel                      |
| Elmer's Crane and Dozer, Inc.   | Limestone/Dolostone, Sand & Gravel |
| Everett Goodrich Trucking, Inc. | Sand & Gravel                      |
| Lafarge North America           | Cement                             |
| R.E. Glancy, Inc.               | Limestone/Dolostone, Sand & Gravel |
| Specification Stone Products    | Limestone/Dolostone, Sand & Gravel |

*Alpena*

**Operator/Owner**

**Mineral/Commodity**

---

Thunder Bay Concrete Products (Clay & Graham, Inc.)

Sand & Gravel

*Antrim*

**Operator/Owner**

**Mineral/Commodity**

---

Antrim County Road Commission

Sand & Gravel

B&B Transit Mix, Inc.

Sand & Gravel

Buffman and Sons Excavating, LLC

Sand & Gravel

Charlevoix County Road Commission

Sand & Gravel

Converse Sand & Gravel, LLC

Sand & Gravel

Elmer's Crane and Dozer, Inc.

Sand & Gravel

Halliday Sand & Gravel, Inc.

Sand & Gravel

MDC Contracting, LLC

Sand & Gravel

Payne & Dolan, Inc.

Sand & Gravel

Powell Excavating, LLC

Sand & Gravel

Rieth-Riley Construction Company, Inc.

Sand & Gravel

Schworm Excavating, Inc.

Sand & Gravel

Steuer Excavating, Inc.

Sand & Gravel

Torch Rock Earth Products, LLC

Sand & Gravel

Tri County Sand & Stone, Inc.

Sand & Gravel

*Arenac*

| <b>Operator/Owner</b> | <b>Mineral/Commodity</b>           |
|-----------------------|------------------------------------|
| R.E. Glancy, Inc.     | Limestone/Dolostone, Sand & Gravel |

*Baraga*

| <b>Operator/Owner</b>       | <b>Mineral/Commodity</b> |
|-----------------------------|--------------------------|
| O'Dovero Properties         | Misc. Stone              |
| Payne & Dolan, Inc.         | Sand & Gravel            |
| RH Huhtala Aggregates, Inc. | Sand & Gravel            |

*Barry*

| <b>Operator/Owner</b>                              | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Aggregate Industries (Meyer Material Company, LLC) | Sand & Gravel            |
| Airport Sand and Gravel                            | Sand & Gravel            |
| Baker's Excavating, LLC                            | Sand & Gravel            |
| Barry County Road Commission                       | Sand & Gravel            |
| C&D Hughes, Inc.                                   | Sand & Gravel            |
| Carpenter Gravel, Inc.                             | Sand & Gravel            |
| Diversco Construction Company, Inc.                | Sand & Gravel            |
| Foot Hill Farms                                    | Sand & Gravel            |
| Great Lakes Gravel & Sand, LLC                     | Sand & Gravel            |
| High Grade Materials Company                       | Sand & Gravel            |
| HSV Redi-Mix, Inc. (A & D Haskin Co., LLC)         | Sand & Gravel            |

*Barry*

| <b>Operator/Owner</b>                                  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | Sand & Gravel            |
| Sand Man Trucking, Inc.                                | Sand & Gravel            |
| Stone Ridge Excavating, Inc.                           | Sand & Gravel            |
| Top Grade Aggregates, LLC                              | Sand & Gravel            |

*Bay*

| <b>Operator/Owner</b>         | <b>Mineral/Commodity</b> |
|-------------------------------|--------------------------|
| Elmer's Crane and Dozer, Inc. | Sand & Gravel            |
| Michigan Sugar Company        | Lime                     |
| Muskegon Development Company  | Natural Brine            |

*Benzie*

| <b>Operator/Owner</b>            | <b>Mineral/Commodity</b> |
|----------------------------------|--------------------------|
| AJ's Excavating, LLC             | Sand & Gravel            |
| Al's Aggregate Processor Company | Sand & Gravel            |
| Benzie County Road Commission    | Sand & Gravel            |
| Bonney Bros., Inc.               | Sand & Gravel            |
| Bradley Sand & Gravel            | Sand & Gravel            |
| Lake Ann Sand & Gravel, Inc.     | Sand & Gravel            |
| Roper Excavating, LLC            | Sand & Gravel            |

*Berrien*

| <b>Operator/Owner</b>                                  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Aggregate Resources, Inc.                              | Sand & Gravel            |
| American Aggregate, Inc.                               | Sand & Gravel            |
| Kalin Construction Company, Inc.                       | Sand & Gravel            |
| Knuth Excavating, LLC                                  | Sand & Gravel            |
| Michiana Aggregate, Inc. (Yerington Brothers, Inc.)    | Sand & Gravel            |
| Millburg Sand Company, LLC                             | Sand & Gravel            |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | Sand & Gravel            |
| Rock & Roll Mining, LLC                                | Sand & Gravel            |
| Tacy Brothers Excavating                               | Sand & Gravel            |
| Twin Springs Aggregate, Inc.                           | Sand & Gravel            |

*Branch*

| <b>Operator/Owner</b>               | <b>Mineral/Commodity</b> |
|-------------------------------------|--------------------------|
| Aggregate Resources, Inc.           | Sand & Gravel            |
| Christy & Son Sand & Gravel, Inc.   | Sand & Gravel            |
| Michigan Paving & Materials Company | Sand & Gravel            |

*Calhoun*

| <b>Operator/Owner</b>                              | <b>Mineral/Commodity</b> |
|--|--------------------------|
| A & J Quality Excavation                           | Sand & Gravel            |
| Aggregate Industries (Meyer Material Company, LLC) | Sand & Gravel            |

*Calhoun*

| <b>Operator/Owner</b>                                  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Carr Brothers & Sons, Inc.                             | Sand & Gravel            |
| Earth & Under, LLC                                     | Sand & Gravel            |
| Gardner Brothers Lawn & Landscape, Inc.                | Sand & Gravel            |
| Hoffman Bros., Inc.                                    | Sand & Gravel            |
| Kiessling Family Farms, Inc.                           | Sand & Gravel            |
| Markos & Sons Excavating, LLC                          | Sand & Gravel            |
| Michigan Mineral Resources, LLC                        | Natural Brine            |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | Sand & Gravel            |
| Rieth-Riley Construction Company, Inc.                 | Sand & Gravel            |
| S & M Liquid Tire Fill, Inc.                           | Natural Brine            |

*Cass*

| <b>Operator/Owner</b>                               | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Aggregate Industries (Meyer Material Company, LLC)  | Sand & Gravel            |
| C & E Excavating, Inc.                              | Sand & Gravel            |
| Cass County Road Commission                         | Sand & Gravel            |
| Cripps Excavating, Inc.                             | Sand & Gravel            |
| Kalin Construction Company, Inc.                    | Sand & Gravel            |
| Klett Contracting Company                           | Sand & Gravel            |
| Michiana Aggregate, Inc. (Yerington Brothers, Inc.) | Sand & Gravel            |
| Moose Lake Aggregates, LLC (Kenneth Smith, Inc.)    | Sand & Gravel            |

Cass

| <b>Operator/Owner</b>                                  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | Sand & Gravel            |
| Superior Gravel, LLC                                   | Sand & Gravel            |

Charlevoix

| <b>Operator/Owner</b>                  | <b>Mineral/Commodity</b>                |
|--|---|
| CH Smith Company, Inc.                 | Sand & Gravel                           |
| Elmer's Crane and Dozer, Inc.          | Sand & Gravel                           |
| Hilltop, Inc.                          | Sand & Gravel                           |
| Island Airways (Welke Excavating)      | Sand & Gravel                           |
| Jim Wojan Excavating Company           | Sand & Gravel                           |
| MDC Contracting, LLC                   | Sand & Gravel                           |
| Rieth-Riley Construction Company, Inc. | Sand & Gravel                           |
| St. Marys Cement, Inc.                 | Cement, Limestone/Dolostone, Clay/Shale |
| Steve Bartlett Sand and Gravel, LLC    | Sand & Gravel                           |
| Tim Moyer Excavating, Inc.             | Sand & Gravel                           |
| Whitaker Excavating & Gravel, LLC      | Sand & Gravel                           |

Cheboygan

| <b>Operator/Owner</b>          | <b>Mineral/Commodity</b> |
|--------------------------------|--------------------------|
| Alpena Aggregate, Inc.         | Sand & Gravel            |
| Black River Sand & Gravel, LLC | Sand & Gravel            |

*Cheboygan*

| <b>Operator/Owner</b>                                 | <b>Mineral/Commodity</b>           |
|---|------------------------------------|
| Blaine's Excavating & Landscaping, Inc.               | Sand & Gravel                      |
| Bryan Lofgren Excavating, Inc.                        | Sand & Gravel                      |
| Cheboygan Cement Products, Inc. (Gildner Gravel, LLC) | Sand & Gravel                      |
| Cheboygan County Road Commission                      | Sand & Gravel                      |
| Everingham Excavating                                 | Sand & Gravel                      |
| Gouine Construction, Inc.                             | Sand & Gravel                      |
| Merchant Excavating & Septic, Inc.                    | Sand & Gravel                      |
| North Star Gardens, Inc.                              | Sand & Gravel                      |
| R.E. Glancy, Inc.                                     | Limestone/Dolostone, Sand & Gravel |
| R.E. Gouine General Construction, Inc.                | Sand & Gravel                      |
| Rieth-Riley Construction Company, Inc.                | Limestone/Dolostone, Sand & Gravel |
| Robiadek & Sons Excavating, Inc.                      | Sand & Gravel                      |

*Chippewa*

| <b>Operator/Owner</b>                    | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Burton Excavating, Inc.                  | Sand & Gravel            |
| Carmeuse Lime & Stone, Inc.              | Limestone/Dolostone      |
| Chippewa County Road Commission          | Sand & Gravel            |
| Con-Agg, Inc. (Norris Contracting, Inc.) | Sand & Gravel            |
| Drummond Island Yacht Haven, Inc.        | Sand & Gravel            |
| Fountain Excavating & Trucking, Inc.     | Sand & Gravel            |



*Chippewa*

| <b>Operator/Owner</b>                                 | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Fox Aggregates, LLC                                   | Sand & Gravel            |
| Frank Huyck & Son Trucking & Excavating               | Sand & Gravel            |
| Glen Atkins Sand & Gravel, Inc.                       | Sand & Gravel            |
| Kelly Excavating & Redi Mix, Inc.                     | Sand & Gravel            |
| Lehigh Contracting, Inc.                              | Sand & Gravel            |
| Northern Sand & Gravel (Van Sloten Enterprises, Inc.) | Sand & Gravel            |
| Payne & Dolan, Inc.                                   | Sand & Gravel            |
| Reid Contractors, Inc.                                | Sand & Gravel            |
| RGGGS Land & Minerals, LTD                            | Limestone/Dolostone      |
| Sally Socia Excavating                                | Sand & Gravel            |
| Stub's Trucking & Excavating                          | Sand & Gravel            |
| Thompson's Sand & Gravel                              | Sand & Gravel            |
| UPI, LLC  | Sand & Gravel            |
| USDA Forest Service, Hiawatha National Forest         | Sand & Gravel            |
| Vern Huyck Trucking, Inc.                             | Sand & Gravel            |

*Clare*

| <b>Operator/Owner</b>        | <b>Mineral/Commodity</b> |
|------------------------------|--------------------------|
| Beemer's Sand & Gravel       | Sand & Gravel            |
| Bouchey & Sons, Inc.         | Sand & Gravel            |
| Dart Oil and Gas Corporation | Natural Brine            |

*Clare*

| <b>Operator/Owner</b>                                   | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Fisher Sand and Gravel Company                          | Sand & Gravel            |
| Gambles Redi-Mix, Inc. (Superior Concrete Construction) | Sand & Gravel            |
| Halliday Sand & Gravel, Inc.                            | Sand & Gravel            |
| Henry Excavating, LLC                                   | Sand & Gravel            |
| Hubscher & Son, Inc.                                    | Sand & Gravel            |
| Krchmar, LLC  | Sand & Gravel            |
| Mike Armentrout Construction                            | Sand & Gravel            |
| R.E. Glancy, Inc.                                       | Sand & Gravel            |

*Clinton*

| <b>Operator/Owner</b>                       | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Carl Schlegel, Inc.                         | Sand & Gravel            |
| Clark Farms Sand and Gravel                 | Sand & Gravel            |
| Haddix Sand & Gravel                        | Sand & Gravel            |
| Kesler Sand Pit, Inc.                       | Sand & Gravel            |
| Les Miller & Sons Aggregates, Inc.          | Sand & Gravel            |
| MacKenzie Recycling Corp (ET MacKenzie Co.) | Sand & Gravel            |
| Miller's Sand & Gravel, LLC                 | Sand & Gravel            |
| Searles Construction, Inc.                  | Sand & Gravel            |
| Simon Brothers, Inc.                        | Sand & Gravel            |
| Stoneco, Inc.                               | Sand & Gravel            |

*Clinton*

| <b>Operator/Owner</b>               | <b>Mineral/Commodity</b> |
|-------------------------------------|--------------------------|
| Sunrise Aggregates, LLC             | Sand & Gravel            |
| The Felzke Family Farm, LLC         | Sand & Gravel            |
| Woodhull Construction Company, Inc. | Sand & Gravel            |

*Crawford*

| <b>Operator/Owner</b>           | <b>Mineral/Commodity</b> |
|---------------------------------|--------------------------|
| Crawford County Road Commission | Natural Brine            |
| Jack Millikin, Inc.             | Sand & Gravel            |
| R.E. Glancy, Inc.               | Sand & Gravel            |
| S & J Excavating, Inc.          | Sand & Gravel            |

*Delta*

| <b>Operator/Owner</b>             | <b>Mineral/Commodity</b>           |
|-----------------------------------|------------------------------------|
| Bark River Concrete Products      | Sand & Gravel                      |
| Bichler Gravel & Concrete Company | Limestone/Dolostone, Sand & Gravel |
| Bittner Excavating                | Sand & Gravel                      |
| Clifton Moser Excavating          | Sand & Gravel                      |
| D & L Gembel & Sons, Inc.         | Limestone/Dolostone, Sand & Gravel |
| Degrad Construction Company, Inc. | Sand & Gravel                      |
| Havelka Construction              | Limestone/Dolostone, Sand & Gravel |
| L Tatrow & Son Excavating Company | Sand & Gravel                      |

*Delta*

| <b>Operator/Owner</b>                         | <b>Mineral/Commodity</b>           |
|---|------------------------------------|
| Marvic Construction Company, Inc.             | Sand & Gravel                      |
| Northstar Crushing & Screening, Inc.          | Sand & Gravel                      |
| Payne & Dolan, Inc.                           | Limestone/Dolostone, Sand & Gravel |
| Proehl Construction, LLC                      | Sand & Gravel                      |
| USDA Forest Service, Hiawatha National Forest | Sand & Gravel                      |
| Walechka Incorporated                         | Sand & Gravel                      |

*Dickinson*

| <b>Operator/Owner</b>                  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| A Lindberg & Sons, Inc.                | Sand & Gravel            |
| Bacco Construction Company             | Sand & Gravel            |
| Butterfield Yard Service, Inc.         | Sand & Gravel            |
| Champion, Inc.                         | Sand & Gravel            |
| Dickinson County Road Commission       | Sand & Gravel            |
| Midwest Gravel, Inc.                   | Sand & Gravel            |
| Payne & Dolan, Inc.                    | Sand & Gravel            |
| Peters Construction Company            | Sand & Gravel            |
| RH Huhtala Aggregates, Inc.            | Sand & Gravel            |
| Rieth-Riley Construction Company, Inc. | Sand & Gravel            |
| Twin Falls Sand & Gravel               | Sand & Gravel            |

*Eaton*

| <b>Operator/Owner</b>              | <b>Mineral/Commodity</b>     |
|------------------------------------|------------------------------|
| A. McLean & Son Trucking, Inc.     | Sand & Gravel                |
| Bellevue Stone Products, LLC       | Limestone/Dolomite           |
| C&D Hughes, Inc.                   | Sand & Gravel                |
| Crandell Brothers Trucking Company | Sand & Gravel                |
| Davis Construction, Inc.           | Sand & Gravel                |
| Eaton County Road Commission       | Natural Brine, Sand & Gravel |
| Ellett Enterprises                 | Sand & Gravel                |
| F.G. Cheney Limestone Co., Inc.    | Limestone/Dolomite           |
| Gale Briggs, Inc.                  | Sand & Gravel                |
| Olivue Sand & Gravel               | Sand & Gravel                |
| Risner Sand & Gravel, LLC          | Sand & Gravel                |

*Emmet*

| <b>Operator/Owner</b>                                      | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Blumke Bros Redi-Mix and Excavating, Inc.                  | Sand & Gravel            |
| Daniels Pig N' Dig, Inc.                                   | Sand & Gravel            |
| Darrow Brothers Excavating, Inc.                           | Sand & Gravel            |
| Emmet County Road Commission                               | Sand & Gravel            |
| Halliday Sand & Gravel, Inc.                               | Sand & Gravel            |
| Harbor Springs Excavating, Inc. (Gallagher's Gravel, Inc.) | Sand & Gravel            |
| Jack's Trucking & Excavating, Inc.                         | Sand & Gravel            |

*Emmet*

| <b>Operator/Owner</b>                  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Lechowicz Excavating                   | Sand & Gravel            |
| M & W Poquette Excavating, Inc.        | Sand & Gravel            |
| MDC Contracting, LLC                   | Sand & Gravel            |
| Payne & Dolan, Inc.                    | Sand & Gravel            |
| Rieth-Riley Construction Company, Inc. | Sand & Gravel            |
| Sackrider Construction Services, LLC   | Sand & Gravel            |
| Spierling Trucking & Excavating, Inc.  | Sand & Gravel            |
| Super M Excavating & Development, Inc. | Sand & Gravel            |
| Williams Excavating, Inc.              | Sand & Gravel            |

*Genesee*

| <b>Operator/Owner</b>           | <b>Mineral/Commodity</b> |
|---------------------------------|--------------------------|
| Genesee County Road Commission  | Sand & Gravel            |
| I-75 Sand, LLC                  | Sand & Gravel            |
| Johnson & Sons Excavating, Inc. | Sand & Gravel            |
| M-57 Aggregate Company          | Sand & Gravel            |
| Mark Martin & Sons, Inc.        | Sand & Gravel            |

*Gladwin*

| <b>Operator/Owner</b> | <b>Mineral/Commodity</b> |
|-----------------------|--------------------------|
| Arden Shell Trucking  | Sand & Gravel            |

*Gladwin*

| <b>Operator/Owner</b>               | <b>Mineral/Commodity</b> |
|-------------------------------------|--------------------------|
| Beaverton Security Excavating, Inc. | Sand & Gravel            |
| Dinkens Excavating, Inc.            | Sand & Gravel            |
| Donn's Trucking & Excavating, LLC   | Sand & Gravel            |
| Greaves Trucking, Inc.              | Sand & Gravel            |
| Halliday Sand & Gravel, Inc.        | Sand & Gravel            |
| Warner Excavating & Contracting     | Sand & Gravel            |

*Gogebic*

| <b>Operator/Owner</b>                         | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Angelo Luppino, Inc.                          | Sand & Gravel            |
| Bacco Construction Company                    | Sand & Gravel            |
| Bessemer Iron Ore Company, Inc.               | Iron Ore                 |
| Gogebic County Road Commission                | Sand & Gravel            |
| Hartman Trucking & Excavation, LLC            | Sand & Gravel            |
| Mathy Construction Company                    | Sand & Gravel            |
| Norman Pestka Construction, Inc.              | Sand & Gravel            |
| Northeast Asphalt, Inc. (Payne & Dolan, Inc.) | Sand & Gravel            |
| Payne & Dolan, Inc.                           | Sand & Gravel            |
| Pitlik and Wick, Inc.                         | Sand & Gravel            |
| R & Js Sand & Gravel                          | Sand & Gravel            |
| Ruotsala Construction                         | Sand & Gravel            |

*Gogebic*

| <b>Operator/Owner</b>                       | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Tiziani Sand & Gravel, LLC                  | Sand & Gravel            |
| USDA Forest Service, Ottawa National Forest | Sand & Gravel            |

*Grand Traverse*

| <b>Operator/Owner</b>                  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Alpers Excavating, Inc.                | Sand & Gravel            |
| Eastwood Excavating, LLC               | Sand & Gravel            |
| Elmer's Crane and Dozer, Inc.          | Sand & Gravel            |
| Molon Excavating, Inc.                 | Sand & Gravel            |
| Rieth-Riley Construction Company, Inc. | Sand & Gravel            |
| Schworm Excavating, Inc.               | Sand & Gravel            |

*Gratiot*

| <b>Operator/Owner</b>       | <b>Mineral/Commodity</b> |
|-----------------------------|--------------------------|
| Hubscher & Son, Inc.        | Sand & Gravel            |
| Loomis Sand and Gravel, LLC | Sand & Gravel            |
| O'Boyle F Trucking, LLC     | Sand & Gravel            |
| Sumner Energy, Inc.         | Natural Brine            |



*Hillsdale*

| <b>Operator/Owner</b>                            | <b>Mineral/Commodity</b> |
|--|--------------------------|
| B & G Sand & Gravel                              | Sand & Gravel            |
| Carr Brothers and Sons, Inc.                     | Sand & Gravel            |
| Glacial Sand & Stone (Gerken Materials, Inc.)    | Sand & Gravel            |
| Hartley Excavating                               | Sand & Gravel            |
| Hillsdale County Road Commission                 | Sand & Gravel            |
| Hillsdale Sand & Gravel (Gerken Materials, Inc.) | Sand & Gravel            |
| Larry Siegel Excavating, Inc.                    | Sand & Gravel            |
| MW Burns Excavating & Gravel                     | Sand & Gravel            |
| Shannon Excavating and Asphalt, Inc.             | Sand & Gravel            |
| Sparks & Sons Excavating                         | Sand & Gravel            |
| Stoneco, Inc.                                    | Sand & Gravel            |

*Houghton*

| <b>Operator/Owner</b>                                | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Great Lakes Minerals Works, LLC (Moyle Construction) | Sand & Gravel            |
| Mattila Rock & Dock, LLC                             | Sand & Gravel            |
| Payne & Dolan, Inc.                                  | Sand & Gravel            |
| Pebbles, Inc.  | Sand & Gravel            |
| Superior Sand & Gravel, Inc.                         | Sand & Gravel            |
| Turpeinen Bros., Inc.                                | Sand & Gravel            |

*Huron*

| <b>Operator/Owner</b>                      | <b>Mineral/Commodity</b>          |
|--|-----------------------------------|
| Ace-Saginaw Asphalt (The Levy Group, Inc.) | Sand & Gravel                     |
| Bischer Ready Mix, Inc.                    | Sand & Gravel                     |
| Burroughs Materials (The Levy Group, Inc.) | Limestone/Dolomite, Sand & Gravel |
| Central Stone and Gravel, LLC              | Sand & Gravel                     |
| Clancy Brothers Excavating, Inc.           | Sand & Gravel                     |
| Flat Rock Farm, LLC                        | Sand & Gravel                     |
| Goretski Excavating, Inc.                  | Sand & Gravel                     |
| Heleski Gravel, Inc.                       | Sand & Gravel                     |
| Huron County Road Commission               | Sand & Gravel                     |
| K & D Transport Trucking, LLC              | Sand & Gravel                     |
| Kincaid Excavating, Inc.                   | Sand & Gravel                     |
| Michigan Sugar Co.                         | Lime                              |
| Osentoski Trucking                         | Sand & Gravel                     |
| Thumb Products, Inc.                       | Natural Brine                     |
| Vollmer Ready Mix                          | Sand & Gravel                     |
| West Side Sand Products                    | Sand & Gravel                     |

*Ingham*

| <b>Operator/Owner</b>                              | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Aggregate Industries (Meyer Material Company, LLC) | Sand & Gravel            |
| Carl Schlegel, Inc.                                | Sand & Gravel            |

*Ingham*

| <b>Operator/Owner</b>      | <b>Mineral/Commodity</b> |
|----------------------------|--------------------------|
| Honaker Sand & Gravel, LLC | Sand & Gravel            |
| Omimex Energy, Inc.        | Natural Brine            |
| Sunrise Aggregates, LLC    | Sand & Gravel            |

*Ionia*

| <b>Operator/Owner</b>                       | <b>Mineral/Commodity</b> |
|---|--------------------------|
| C.L. Trucking & Excavating, LLC             | Sand & Gravel            |
| Cannonsburg Sand & Gravel                   | Sand & Gravel            |
| Charles Cusack Sand & Gravel, LLC           | Sand & Gravel            |
| Cook Brothers Excavating, Inc.              | Sand & Gravel            |
| Hoekstra Excavating, Inc.                   | Sand & Gravel            |
| Ken Coryell Trucking, Inc.                  | Sand & Gravel            |
| Klahn Enterprises, LLC (K-Hillcrest Farms)  | Sand & Gravel            |
| L.D. Clark Excavating Company               | Sand & Gravel            |
| Lyons Stone & Gravel                        | Sand & Gravel            |
| MacKenzie Recycling Corp (ET MacKenzie Co.) | Sand & Gravel            |
| Miller Excavating & Grading, Inc.           | Sand & Gravel            |
| Ottawa Aggregates, Inc.                     | Sand & Gravel            |
| P B & G Sand & Gravel & Contracting Company | Sand & Gravel            |
| Rick Anderson Excavating, LLC               | Sand & Gravel            |
| Risner Sand & Gravel, LLC                   | Sand & Gravel            |

*Ionia*

| <b>Operator/Owner</b>     | <b>Mineral/Commodity</b> |
|---------------------------|--------------------------|
| Sebewa Sand & Gravel, LLC | Sand & Gravel            |
| Shaler Excavating, Inc.   | Sand & Gravel            |
| Top Grade Aggregates, LLC | Sand & Gravel            |
| Triple J Excavating, LLC  | Sand & Gravel            |

*Iosco*

| <b>Operator/Owner</b>                               | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Bolen Development Corporation                       | Sand & Gravel            |
| Katterman Trucking, Inc.                            | Sand & Gravel            |
| Michigan Gypsum Co.                                 | Gypsum                   |
| National Gypsum Co.                                 | Gypsum                   |
| Schaaf & Associates Construction, Inc.              | Sand & Gravel            |
| United States Gypsum Co.                            | Gypsum                   |
| USDA Forest Service, Huron-Manistee National Forest | Sand & Gravel            |

*Iron*

| <b>Operator/Owner</b>                        | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Bacco Construction Company                   | Sand & Gravel            |
| Hebert Construction Company                  | Sand & Gravel            |
| Iron County Road Commission                  | Sand & Gravel            |
| Mottes Materials, Inc. (Payne & Dolan, Inc.) | Sand & Gravel            |

*Iron*

| <b>Operator/Owner</b>                | <b>Mineral/Commodity</b> |
|--------------------------------------|--------------------------|
| Northstar Crushing & Screening, Inc. | Sand & Gravel            |
| Payne & Dolan, Inc.                  | Sand & Gravel            |
| Williams Reddi Mix, Inc.             | Sand & Gravel            |

*Isabella*

| <b>Operator/Owner</b>                                | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Hardcrete, Inc.                                      | Sand & Gravel            |
| Hubscher & Son, Inc.                                 | Sand & Gravel            |
| Kenny Trucking & Excavating, Inc.                    | Sand & Gravel            |
| Malley Construction, Inc.                            | Sand & Gravel            |
| Mt. Pleasant Central Concrete Products Company, Inc. | Sand & Gravel            |
| RG Torpey Excavating                                 | Sand & Gravel            |
| WDS Enterprises, Inc.                                | Sand & Gravel            |

*Jackson*

| <b>Operator/Owner</b>                              | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Aggregate Industries (Meyer Material Company, LLC) | Sand & Gravel            |
| Aggregate Resources, Inc./Wahl Aggregate, LLC      | Sand & Gravel            |
| Bailey Sand & Gravel Company                       | Sand & Gravel            |
| Carr Brothers & Sons, Inc.                         | Sand & Gravel            |
| Dirt Brothers, LLC                                 | Sand & Gravel            |

*Jackson*

| <b>Operator/Owner</b>                     | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Dunigan Brothers, Inc.                    | Sand & Gravel            |
| G&A Sand & Gravel, LLC (Willbee Concrete) | Sand & Gravel            |
| Jackson County Road Commission            | Sand & Gravel            |
| Jule Swartz & Sons Excavators, Inc.       | Sand & Gravel            |
| Napoleon Stone, LLC                       | Sandstone                |
| Pleasant Lake Sand & Gravel, LLC          | Sand & Gravel            |
| Zenz Gravel, LLC                          | Sand & Gravel            |

*Kalamazoo*

| <b>Operator/Owner</b>                              | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Aggregate Industries (Meyer Material Company, LLC) | Sand & Gravel            |
| Aggregate Resources, Inc.                          | Sand & Gravel            |
| Austin Sand & Gravel                               | Sand & Gravel            |
| Byholt Gravel                                      | Sand & Gravel            |
| Consumers Sand & Gravel Company                    | Sand & Gravel            |
| Nichols Pit, LLC                                   | Sand & Gravel            |
| R.J. Bailey Development, LLC                       | Sand & Gravel            |
| Seybert's Excavating                               | Sand & Gravel            |
| Top Grade Aggregates, LLC                          | Sand & Gravel            |
| Vliestra Company, LLC                              | Sand & Gravel            |

*Kalkaska*

| <b>Operator/Owner</b>           | <b>Mineral/Commodity</b> |
|---------------------------------|--------------------------|
| EMA Development, LLC            | Natural Brine            |
| Kalkaska County Road Commission | Sand & Gravel            |

*Kent*

| <b>Operator/Owner</b>                                 | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Alaska Excavating Company, LLC                        | Sand & Gravel            |
| Barber Creek Sand & Gravel, Inc.                      | Sand & Gravel            |
| Coit Avenue Gravel Company                            | Sand & Gravel            |
| Coldwater Sand & Gravel, LLC                          | Sand & Gravel            |
| Cordes Excavating Company                             | Sand & Gravel            |
| Dean's Landscaping & Excavating, Inc.                 | Sand & Gravel            |
| Dirt Cheap Excavating & Landscaping, LLC              | Sand & Gravel            |
| Grand Rapids Gravel Company                           | Sand & Gravel            |
| Heritage Resources, Inc./Bellevue Stone Products, LLC | Sand & Gravel            |
| Hunderman and Sons Redi-Mix, Inc.                     | Sand & Gravel            |
| Lakeside Aggregate, LLC                               | Sand & Gravel            |
| MarJo Construction Services, Inc.                     | Sand & Gravel            |
| O.E. Bieri & Sons, Inc.                               | Sand & Gravel            |
| Ottawa Aggregates, Inc.                               | Sand & Gravel            |
| Parker Excavating Gravel & Recycle                    | Sand & Gravel            |
| Pitsch Companies                                      | Sand & Gravel            |

*Kent*

| <b>Operator/Owner</b>                                | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Plains LPG Services, LP                              | Natural Brine            |
| RBC Development, LLC (Cordes Trenching Co.)          | Sand & Gravel            |
| Rick's Septic Service, LLC                           | Sand & Gravel            |
| Rusche's Trucking, Inc.                              | Sand & Gravel            |
| Stoneco, Inc.  | Sand & Gravel            |
| Timpson Transport, Inc.                              | Sand & Gravel            |
| Tip Top Gravel Company                               | Sand & Gravel            |
| Vosburg Sand & Gravel, LLC                           | Sand & Gravel            |
| Whitneyville Sand Pit, Inc./Nagel Construction, Inc. | Sand & Gravel            |

*Keweenaw*

| <b>Operator/Owner</b>           | <b>Mineral/Commodity</b> |
|---------------------------------|--------------------------|
| Bacco Construction Company      | Sand & Gravel            |
| Keweenaw County Road Commission | Sand & Gravel            |
| Mohawk Sand & Gravel, Inc.      | Sand & Gravel            |
| Rinne's Excavating, LLC         | Sand & Gravel            |

*Lake*

| <b>Operator/Owner</b>          | <b>Mineral/Commodity</b> |
|--------------------------------|--------------------------|
| Fisher Sand and Gravel Company | Sand & Gravel            |
| Halliday Sand & Gravel, Inc.   | Sand & Gravel            |



*Lake*

| <b>Operator/Owner</b>       | <b>Mineral/Commodity</b> |
|-----------------------------|--------------------------|
| Lake County Road Commission | Sand & Gravel            |

*Lapeer*

| <b>Operator/Owner</b>                                | <b>Mineral/Commodity</b> |
|--|--------------------------|
| A&A Aggregates, LLC                                  | Sand & Gravel            |
| American Aggregates of Michigan, Inc. (The Levy Co.) | Sand & Gravel            |
| Barrett Paving Materials, Inc.                       | Sand & Gravel            |
| Bechtel Sand & Gravel, LLC                           | Sand & Gravel            |
| Bossman Construction, Inc.                           | Sand & Gravel            |
| Chloride Holdings, LLC                               | Natural Brine            |
| Hilltop-Reddog Aggregates, LLC                       | Sand & Gravel            |
| John R Sand & Gravel Company                         | Sand & Gravel            |
| JT Express Ltd                                       | Sand & Gravel            |
| Ken Measel Sand & Gravel, Inc.                       | Sand & Gravel            |
| Lapeer County Road Commission                        | Sand & Gravel            |
| Lloyd Ragatz Sand & Gravel                           | Sand & Gravel            |
| Michigan Sand and Gravel Company                     | Sand & Gravel            |
| Newark Aggregate & Landscape Supply, Inc.            | Sand & Gravel            |
| Starr Aggregates                                     | Sand & Gravel            |
| Summers Road Gravel & Development                    | Sand & Gravel            |
| Weber Sand & Gravel, Inc.                            | Sand & Gravel            |

*Lapeer*

| <b>Operator/Owner</b>            | <b>Mineral/Commodity</b> |
|----------------------------------|--------------------------|
| Wiegand's Topsoil & Supply, Inc. | Sand & Gravel            |
| Wilkinson Corporation, The       | Sand & Gravel            |

*Leelanau*

| <b>Operator/Owner</b>                  | <b>Mineral/Commodity</b>           |
|--|------------------------------------|
| Calhoun Excavating                     | Sand & Gravel                      |
| Elmer's Crane and Dozer, Inc.          | Sand & Gravel                      |
| KAL Excavating Company                 | Sand & Gravel                      |
| Kasson Sand & Gravel, Inc.             | Limestone/Dolostone, Sand & Gravel |
| Lake Leelanau Excavating Company       | Sand & Gravel                      |
| Leelanau County Road Commission        | Sand & Gravel                      |
| Leelanau Redi-Mix, Inc.                | Sand & Gravel                      |
| R.W. Popp Excavating, Inc.             | Sand & Gravel                      |
| Rieth-Riley Construction Company, Inc. | Sand & Gravel                      |
| Schworm Excavating, Inc.               | Sand & Gravel                      |

*Lenawee*

| <b>Operator/Owner</b>                    | <b>Mineral/Commodity</b>     |
|--|------------------------------|
| Brady Sand & Gravel, Inc.                | Sand & Gravel                |
| GS Materials, LLC (The Gerken Companies) | Sand & Gravel                |
| Lenawee County Road Commission           | Natural Brine, Sand & Gravel |

*Lenawee*

| <b>Operator/Owner</b>                           | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Round Lake Sand & Gravel (The Gerken Companies) | Sand & Gravel            |
| Sunrise Aggregates, LLC (CTE Sand and Gravel)   | Sand & Gravel            |
| Woodstock Aggregate, LLC                        | Sand & Gravel            |

*Livingston*

| <b>Operator/Owner</b>  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| A & E Agg, Inc. (Fyke Washed Sand & Gravel Inc.)                     | Sand & Gravel            |
| American Aggregates of Michigan, Inc. (The Levy Co.)                 | Sand & Gravel            |
| American Concrete Products, Inc.                                     | Sand & Gravel            |
| Bentley Sand, Gravel, & Organic Top Soil, Inc.                       | Peat, Sand & Gravel      |
| Burroughs Materials (The Levy Co.)                                   | Sand & Gravel            |
| Chestnut Development, LLC  | Sand & Gravel            |
| Culver Excavating, Inc.  | Sand & Gravel            |
| General Motors   | Natural Brine            |
| Hayes Washed Sand & Gravel Company, Inc.                             | Sand & Gravel            |
| Ivy Mineral Water, LLC   | Natural Brine            |
| Livingston Aggregate, Inc./A & A Excavating, Inc.                    | Sand & Gravel            |
| Natural Aggregates Corporation                                       | Sand & Gravel            |
| Raether Topsoil, LLC   | Sand & Gravel            |
| Screeners Sand & Gravel, Inc. (Holloway Sand & Gravel Company, Inc.) | Sand & Gravel            |

*Luce*

| <b>Operator/Owner</b>       | <b>Mineral/Commodity</b> |
|-----------------------------|--------------------------|
| Aroco, Inc.                 | Sand & Gravel            |
| Gene Brow and Sons, Inc.    | Sand & Gravel            |
| Luce County Road Commission | Sand & Gravel            |
| Payne & Dolan, Inc.         | Sand & Gravel            |

*Mackinac*

| <b>Operator/Owner</b>                        | <b>Mineral/Commodity</b>           |
|--|------------------------------------|
| Abram Construction, Inc.                     | Sand & Gravel                      |
| Aroco, Inc.                                  | Sand & Gravel                      |
| Art Huskey & Sons Excavating, Inc.           | Sand & Gravel                      |
| Belonga Excavating, LLC                      | Sand & Gravel                      |
| Carmeuse Lime & Stone, Inc.                  | Limestone/Dolostone, Sand & Gravel |
| Con-Agg, Inc. (Norris Contracting, Inc.)     | Sand & Gravel                      |
| Fred Burton & Son Construction               | Sand & Gravel                      |
| Gaylor, Inc.                                 | Sand & Gravel                      |
| Graymont (MI) LLC                            | Limestone/Dolostone                |
| Hessel Block Company                         | Sand & Gravel                      |
| Mackinac County Road Commission              | Sand & Gravel                      |
| Newberry Redi-Mix (Precision Redi-Mix, Inc.) | Limestone/Dolostone, Sand & Gravel |
| Northstar Crushing & Screening, Inc.         | Sand & Gravel                      |
| Payne & Dolan, Inc.                          | Limestone/Dolostone, Sand & Gravel |

*Mackinac*

| <b>Operator/Owner</b>                         | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Peters Sand and Gravel, Inc.                  | Sand & Gravel            |
| Rieth-Riley Construction Company, Inc.        | Sand & Gravel            |
| Rudy Sherlund, Inc.                           | Sand & Gravel            |
| Sand Products Corporation                     | Sand & Gravel            |
| USDA Forest Service, Hiawatha National Forest | Sand & Gravel            |
| Zellar Excavating, Inc.                       | Sand & Gravel            |

*Macomb*

| <b>Operator/Owner</b>                              | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Auburn Supply Company, Inc./Messina Trucking, Inc. | Sand & Gravel            |
| Geologix, Inc.                                     | Natural Brine            |
| Mt. Clemens Mineral Spring Company, LLC            | Natural Brine            |
| T.R. Pieprzak Company                              | Sand & Gravel            |
| Wiegand's Topsoil & Supply, Inc./Wiegand Trucking  | Sand & Gravel            |

*Manistee*

| <b>Operator/Owner</b>         | <b>Mineral/Commodity</b> |
|-------------------------------|--------------------------|
| American Materials, LLC       | Natural Brine            |
| Crystal Aggregates, LLC       | Sand & Gravel            |
| Elmer's Crane and Dozer, Inc. | Sand & Gravel            |
| Halliday Sand & Gravel, Inc.  | Sand & Gravel            |

*Manistee*

| <b>Operator/Owner</b>                     | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Manistee County Road Commission           | Sand & Gravel            |
| Martin Marietta Magnesia Specialties, LLC | Natural Brine            |
| Morton Salt, Inc.                         | Natural Brine, Salt      |
| Northern Plateau, LLC                     | Sand & Gravel            |
| Ron Brown and Sons, Inc.                  | Sand & Gravel            |
| Seng Crane & Excavating, Inc.             | Sand & Gravel            |

*Marquette*

| <b>Operator/Owner</b>               | <b>Mineral/Commodity</b>                        |
|-------------------------------------|---|
| A Lindberg & Sons, Inc.             | Limestone/Dolostone, Misc. Stone, Sand & Gravel |
| Associated Constructors, LLC        | Sand & Gravel                                   |
| Bacco Construction Company          | Sand & Gravel                                   |
| Cliffs Natural Resources, Inc.      | Iron  |
| Eagle Mine, LLC                     | Nickel  |
| Honkala Trucking, Inc.              | Sand & Gravel                                   |
| M.J. Van Damme, Inc.                | Sand & Gravel                                   |
| Marquette County Road Commission    | Sand & Gravel                                   |
| Niemi Excavating, Inc.              | Sand & Gravel                                   |
| Payne & Dolan, Inc.                 | Sand & Gravel                                   |
| Quality Concrete of Marquette, Inc. | Sand & Gravel                                   |
| Smith Construction, Inc.            | Sand & Gravel                                   |

*Mason*

| <b>Operator/Owner</b>                     | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Martin Marietta Magnesia Specialties, LLC | Natural Brine            |
| Mason Sand & Gravel, Inc.                 | Sand & Gravel            |
| Sargent Sand Company                      | Industrial Sand          |

*Mecosta*

| <b>Operator/Owner</b>                         | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Chippewa Stone & Gravel, Inc.                 | Sand & Gravel            |
| Cousineau Gravel, Inc.                        | Sand & Gravel            |
| Halliday Sand & Gravel, Inc.                  | Sand & Gravel            |
| J R Aggregates (Halliday Sand & Gravel)       | Sand & Gravel            |
| LC Materials, LLC (Western Concrete Products) | Sand & Gravel            |
| Markman Peat Co.                              | Peat                     |
| Mecosta County Road Commission                | Sand & Gravel            |
| Morningstar Enterprises, Inc.                 | Sand & Gravel            |
| Rieth-Riley Construction Company, Inc.        | Sand & Gravel            |
| Rockafellow Excavating, LLC                   | Sand & Gravel            |
| Switzer Sand & Gravel, Inc.                   | Sand & Gravel            |

*Menominee*

| <b>Operator/Owner</b>      | <b>Mineral/Commodity</b> |
|----------------------------|--------------------------|
| Bacco Construction Company | Sand & Gravel            |

*Menominee*

| <b>Operator/Owner</b>             | <b>Mineral/Commodity</b>           |
|-----------------------------------|------------------------------------|
| Bark River Concrete Products      | Sand & Gravel                      |
| Barley Trucking & Excavating, Inc | Sand & Gravel                      |
| DDT Construction, Inc.            | Limestone/Dolostone, Sand & Gravel |
| Dennis Motto Trucking, Inc.       | Sand & Gravel                      |
| Havelka Construction              | Limestone/Dolostone, Sand & Gravel |
| J & S Klee Enterprises, Inc.      | Sand & Gravel                      |
| Krygoski Construction Company     | Sand & Gravel                      |
| Payne & Dolan, Inc.               | Sand & Gravel                      |
| Tom Wangerin, Inc.                | Sand & Gravel                      |

*Midland*

| <b>Operator/Owner</b>             | <b>Mineral/Commodity</b> |
|-----------------------------------|--------------------------|
| Carroll Excavating, Inc.          | Sand & Gravel            |
| Finney Trucking, Inc.             | Sand & Gravel            |
| Johnson Contracting, Inc.         | Sand & Gravel            |
| Kenny Trucking & Excavating, Inc. | Sand & Gravel            |
| Michigan Chloride Sales, LLC      | Natural Brine            |
| Summit Petroleum Corporation      | Natural Brine            |
| Thorton Excavating, Inc.          | Sand & Gravel            |



*Missaukee*

| <b>Operator/Owner</b>          | <b>Mineral/Commodity</b> |
|--------------------------------|--------------------------|
| American Asphalt Paving, Inc.  | Sand & Gravel            |
| Carrick Trucking & Gravel, LLC | Sand & Gravel            |
| Dart Oil and Gas Corporation   | Natural Brine            |
| Halliday Sand & Gravel, Inc.   | Sand & Gravel            |
| LC Materials                   | Sand & Gravel            |
| Myers Gravel, Inc.             | Sand & Gravel            |

*Monroe*

| <b>Operator/Owner</b>                                | <b>Mineral/Commodity</b>                                  |
|--|---|
| Aggregate Industries (Meyer Material Company, LLC)   | Limestone/Dolostone, Sand & Gravel                        |
| Edward Giraud Trucking, Inc.                         | Sand & Gravel   |
| Great Lakes Aggregates, LLC                          | Sandstone   |
| Herkimer Sand (Herkimer Backhoe and Trucking, LLC)   | Sand & Gravel   |
| Stoneco, Inc.  | Limestone/Dolostone, Sand & Gravel                        |
| Sylvania Minerals, LLC (Great Lakes Aggregates, LLC) | Limestone/Dolostone, Clay/Shale, Sandstone, Sand & Gravel |

*Montcalm*

| <b>Operator/Owner</b>        | <b>Mineral/Commodity</b> |
|------------------------------|--------------------------|
| Anderson Gravel Company, LLC | Sand & Gravel            |
| Dana Sweet & Sons, Inc.      | Sand & Gravel            |
| Dan's Dirtworks, LLC         | Sand & Gravel            |

*Montcalm*

| <b>Operator/Owner</b>                               | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Dean's Landscaping & Excavating, Inc.               | Sand & Gravel            |
| Foor's Service, Inc.                                | Sand & Gravel            |
| Halliday Sand & Gravel, Inc.                        | Sand & Gravel            |
| High Grade Materials Company                        | Sand & Gravel            |
| Montcalm Aggregates, Inc. (Vestaburg Sand & Gravel) | Sand & Gravel            |
| Parker Excavating Gravel & Recycle                  | Sand & Gravel            |
| Rockafellow Excavating, LLC                         | Sand & Gravel            |
| Simmons Gravel Company                              | Sand & Gravel            |

*Montmorency*

| <b>Operator/Owner</b>                | <b>Mineral/Commodity</b> |
|--------------------------------------|--------------------------|
| Ableidinger Excavating, LLC          | Sand & Gravel            |
| Carrick Trucking & Gravel, LLC       | Sand & Gravel            |
| Lewiston Sand & Gravel, Inc.         | Sand & Gravel            |
| Montmorency County Road Commission   | Sand & Gravel            |
| Northstar Crushing & Screening, Inc. | Sand & Gravel            |
| Oesch Excavating, LLC                | Sand & Gravel            |
| R.E. Glancy, Inc.                    | Sand & Gravel            |

*Muskegon*

| <b>Operator/Owner</b>                              | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Accurate Excavators, LLC                           | Sand & Gravel            |
| Lakeside Aggregate, LLC                            | Sand & Gravel            |
| Lime Specialties Inc. of Michigan                  | Sand & Gravel            |
| Misze Sand Mine Company                            | Sand & Gravel            |
| Nugent Sand Company, Inc.                          | Industrial Sand          |
| Orcutt Trucking, Inc.                              | Sand & Gravel            |
| The Pits, LLC                                      | Sand & Gravel            |
| Thompson Excavating, LLC (Thompson Brothers, Inc.) | Sand & Gravel            |
| Vandenberg Septic                                  | Sand & Gravel            |
| White Lake Excavating, Inc.                        | Sand & Gravel            |

*Newaygo*

| <b>Operator/Owner</b>              | <b>Mineral/Commodity</b> |
|------------------------------------|--------------------------|
| All Around Excavating              | Sand & Gravel            |
| Barber Creek Sand & Gravel, Inc.   | Sand & Gravel            |
| Bayle Trucking, LLC                | Sand & Gravel            |
| Ensley Sand & Gravel, Inc.         | Sand & Gravel            |
| Halliday Sand & Gravel, Inc.       | Sand & Gravel            |
| Hamilton Sand & Stone              | Sand & Gravel            |
| Jahr, Inc.                         | Sand & Gravel            |
| Johnson & Company Excavating, Inc. | Sand & Gravel            |

*Newaygo*

| <b>Operator/Owner</b>   | <b>Mineral/Commodity</b> |
|-------------------------|--------------------------|
| Ottawa Aggregates, Inc. | Sand & Gravel            |

*Oakland*

| <b>Operator/Owner</b>  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| A & E Agg, Inc. (Fyke Washed Sand & Gravel, Inc.)            | Sand & Gravel            |
| American Aggregates of Michigan, Inc. (The Levy Group, Inc.) | Sand & Gravel            |
| Anderson Excavating, Inc.                                    | Sand & Gravel            |
| Burroughs Materials (The Levy Group, Inc.)                   | Sand & Gravel            |
| Holloway Sand & Gravel Company, Inc.                         | Sand & Gravel            |
| Holly Disposal, Inc.   | Sand & Gravel            |
| Koenig Sand & Gravel, LLC                                    | Sand & Gravel            |
| Oakland County Road Commission                               | Natural Brine            |
| Road Maintenance Corporation                                 | Natural Brine            |
| South Flint Gravel, Inc.                                     | Sand & Gravel            |
| Tri-City Aggregates, Inc.                                    | Sand & Gravel            |

*Oceana*

| <b>Operator/Owner</b>    | <b>Mineral/Commodity</b> |
|--------------------------|--------------------------|
| Beckman Brothers, Inc.   | Sand & Gravel            |
| Brandel Farms, LLC       | Sand & Gravel            |
| Countyline Trucking, LLC | Sand & Gravel            |

*Oceana*

| <b>Operator/Owner</b>         | <b>Mineral/Commodity</b> |
|-------------------------------|--------------------------|
| Fuehring Farms, LLC           | Sand & Gravel            |
| Hallack Contracting, Inc.     | Sand & Gravel            |
| Ken Adams Excavating, Inc.    | Sand & Gravel            |
| Oceana County Road Commission | Sand & Gravel            |
| The Lone Fox Company          | Sand & Gravel            |

*Ogemaw*

| <b>Operator/Owner</b>                | <b>Mineral/Commodity</b> |
|--------------------------------------|--------------------------|
| Bunting Sand & Gravel Products, Inc. | Sand & Gravel            |
| Crawford Sand & Gravel               | Sand & Gravel            |
| Dick Ehinger Excavating, Inc.        | Sand & Gravel            |
| Eymer's Supply, Inc.                 | Sand & Gravel            |
| Jeff Miller Excavating, LLC          | Sand & Gravel            |
| Ogemaw County Road Commission        | Sand & Gravel            |
| R.E. Glancy, Inc.                    | Sand & Gravel            |
| Swanson's Excavating, Inc.           | Sand & Gravel            |

*Ontonagon*

| <b>Operator/Owner</b>            | <b>Mineral/Commodity</b> |
|----------------------------------|--------------------------|
| Norman Pestka Construction, Inc. | Sand & Gravel            |
| Ontonagon County Road Commission | Sand & Gravel            |

*Ontonagon*

| <b>Operator/Owner</b>       | <b>Mineral/Commodity</b> |
|-----------------------------|--------------------------|
| RH Huhtala Aggregates, Inc. | Sand & Gravel            |
| Seidline Construction       | Sand & Gravel            |
| Turpeinen Bros., Inc.       | Sand & Gravel            |

*Osceola*

| <b>Operator/Owner</b>             | <b>Mineral/Commodity</b> |
|-----------------------------------|--------------------------|
| Beckman Production Services, Inc. | Natural Brine            |
| Cargill, Inc.                     | Salt                     |
| Halliday Sand & Gravel, Inc.      | Sand & Gravel            |
| Osceola County Road Commission    | Sand & Gravel            |

*Oscoda*

| <b>Operator/Owner</b>           | <b>Mineral/Commodity</b> |
|---------------------------------|--------------------------|
| Cedar Run Sand & Gravel Company | Sand & Gravel            |
| Oscoda County Road Commission   | Sand & Gravel            |

*Otsego*

| <b>Operator/Owner</b>         | <b>Mineral/Commodity</b> |
|-------------------------------|--------------------------|
| Earthworks Enterprises, Inc.  | Sand & Gravel            |
| Mason Sand & Gravel, Inc.     | Sand & Gravel            |
| Otsego County Road Commission | Sand & Gravel            |

*Otsego*

**Operator/Owner**

**Mineral/Commodity**

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Rieth-Riley Construction Company, Inc.

Sand & Gravel

*Ottawa*

**Operator/Owner**

**Mineral/Commodity**

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Cedar Valley Associates, Inc.

Sand & Gravel

Construction Aggregates Corporation of Michigan

Sand & Gravel

De Went Gravel Company

Sand & Gravel

Grand Rapids Gravel Company

Sand & Gravel

Heyboer Excavating, Inc.

Sand & Gravel

Hidden Timbers, LLC (Bill's Sandbox, Inc./Georgetown Construction Co.)

Sand & Gravel

High Grade Materials Company

Sand & Gravel

Huizenga Gravel Company, Inc.

Sand & Gravel

Ottawa County Road Commission

Sand & Gravel

Ravenna Gravel Company

Sand & Gravel

Reenders Blueberry Farms, LLC

Sand & Gravel

S & J Sand and Recycle, LLC

Sand & Gravel

S & M Gravel, Inc.

Sand & Gravel

Standard Sand Corporation

Sand & Gravel

Visser Brothers, Inc.

Sand & Gravel

*Presque Isle*

| <b>Operator/Owner</b>               | <b>Mineral/Commodity</b>           |
|-------------------------------------|------------------------------------|
| Besser Company                      | Sand & Gravel                      |
| Carmeuse Lime & Stone, Inc.         | Limestone/Dolostone, Sand & Gravel |
| Curtis Excavating, Inc.             | Sand & Gravel                      |
| Hincka Logging, LLC                 | Sand & Gravel                      |
| Lafarge North America, Inc.         | Limestone/Dolostone, Sand & Gravel |
| Northcott Excavating, Inc.          | Sand & Gravel                      |
| Northern Michigan Aggregates, LLC   | Sand & Gravel                      |
| Presque Isle County Road Commission | Sand & Gravel                      |
| R.E. Glancy, Inc.                   | Limestone/Dolostone, Sand & Gravel |

*Roscommon*

| <b>Operator/Owner</b>            | <b>Mineral/Commodity</b> |
|----------------------------------|--------------------------|
| Halliday Sand & Gravel, Inc.     | Sand & Gravel            |
| Porath Contractors, Inc.         | Sand & Gravel            |
| Roscommon County Road Commission | Sand & Gravel            |
| Tomak Excavating                 | Sand & Gravel            |

*Saginaw*

| <b>Operator/Owner</b>   | <b>Mineral/Commodity</b> |
|-------------------------|--------------------------|
| Constine Gravel Company | Sand & Gravel            |



*St. Clair*

| <b>Operator/Owner</b>              | <b>Mineral/Commodity</b> |
|------------------------------------|--------------------------|
| Blue Water Materials, LLC          | Sand & Gravel            |
| Burgess Contracting (Raybyrd, LLC) | Sand & Gravel            |
| Cargill, Inc.                      | Salt                     |
| Click's Sand & Gravel, Inc.        | Sand & Gravel            |
| D.L.F. Trucking, Inc.              | Sand & Gravel            |
| Mid-Michigan Materials, Inc.       | Sand & Gravel            |
| Northern Aggregate, LLC            | Sand & Gravel            |
| R.G.E. Aggregates, Inc.            | Sand & Gravel            |
| Roberts Trucking, Inc.             | Sand & Gravel            |
| Siegel Sand & Gravel, Inc.         | Sand & Gravel            |

*St. Joseph*

| <b>Operator/Owner</b>                                  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Aggregate Industries (Meyer Material Company, LLC)     | Sand & Gravel            |
| Hagen Cement Products, Inc.                            | Sand & Gravel            |
| Johansen Farms, LLC                                    | Sand & Gravel            |
| Kelley Excavating, Inc.                                | Sand & Gravel            |
| Pit Adventure, LLC                                     | Sand & Gravel            |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.) | Sand & Gravel            |
| Roberts Bros. Excavating, Inc.                         | Sand & Gravel            |
| Starks Excavating                                      | Sand & Gravel            |

*Sanilac*

| <b>Operator/Owner</b>          | <b>Mineral/Commodity</b> |
|--------------------------------|--------------------------|
| Albrecht Sand & Gravel Company | Sand & Gravel            |
| CCG Ventures, LLC              | Sand & Gravel            |
| De Vor Dairy Farm, LLC         | Sand & Gravel            |
| Harter Farms, Inc.             | Sand & Gravel            |
| KJW Trucking, LLC              | Sand & Gravel            |
| McCarty Excavating             | Sand & Gravel            |
| Michigan Sugar Co.             | Lime                     |
| Mid-Michigan Materials, Inc.   | Sand & Gravel            |
| Moore Township                 | Sand & Gravel            |
| Palmer Farms, Inc.             | Sand & Gravel            |
| Reich Sand & Gravel, Inc.      | Sand & Gravel            |
| Reynolds Three, LLC            | Sand & Gravel            |
| Stringer Excavating, LLC       | Sand & Gravel            |
| Weiss Excavating & Sand, LLC   | Sand & Gravel            |

*Schoolcraft*

| <b>Operator/Owner</b>       | <b>Mineral/Commodity</b> |
|-----------------------------|--------------------------|
| Bacco Construction Company  | Sand & Gravel            |
| Bosanic Trucking, Inc.      | Sand & Gravel            |
| Carmeuse Lime & Stone, Inc. | Limestone/Dolostone      |
| Graymont Western Lime, Inc. | Lime                     |

*Schoolcraft*

| <b>Operator/Owner</b>                       | <b>Mineral/Commodity</b>           |
|---|------------------------------------|
| Hiawatha Shores Aggregates & Crushing       | Sand & Gravel                      |
| Manistique Rentals                          | Sand & Gravel                      |
| Mountain Stone, LLC/Aggregates America, LLC | Limestone/Dolostone                |
| Northfork Construction Co., Inc.            | Limestone/Dolostone                |
| Northstar Crushing & Screening, Inc.        | Sand & Gravel                      |
| Payne & Dolan, Inc.                         | Sand & Gravel                      |
| Schoolcraft County Road Commission          | Sand & Gravel                      |
| Stephen Hartman Excavating, Inc.            | Sand & Gravel, Limestone/Dolostone |
| Whitman Contracting, LLC                    | Sand & Gravel                      |
| Zellar Excavating, Inc.                     | Sand & Gravel                      |

*Shiawassee*

| <b>Operator/Owner</b>                                    | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Al-Par Peat Co.  | Peat                     |
| Carl Schlegel, Inc.                                      | Sand & Gravel            |
| Constine Gravel Company                                  | Sand & Gravel            |
| Forterra Brick, LLC                                      | Clay/Shale               |
| Fuoss Gravel Company                                     | Sand & Gravel            |
| High Grade Materials Company                             | Sand & Gravel            |
| Shiawassee County Road Commission                        | Sand & Gravel            |
| Smith Sand & Gravel (S.A. Smith Paving & Trucking, Inc.) | Sand & Gravel            |

*Shiawassee*

| <b>Operator/Owner</b>    | <b>Mineral/Commodity</b> |
|--------------------------|--------------------------|
| Sumbera Excavating, Inc. | Sand & Gravel            |

*Tuscola*

| <b>Operator/Owner</b>                      | <b>Mineral/Commodity</b>     |
|--|------------------------------|
| Ace-Saginaw Asphalt (The Levy Group, Inc.) | Sand & Gravel                |
| Brinkman Excavating, LLC                   | Sand & Gravel                |
| Eggers Excavating, LLC                     | Sand & Gravel                |
| M.A.C. Sand                                | Sand & Gravel                |
| Michalski Excavating, LLC                  | Sand & Gravel                |
| Michigan Aggregate Products, LLC           | Sand & Gravel                |
| Michigan Sugar Co.                         | Lime                         |
| Sargent Sand Company                       | Sand & Gravel                |
| Shagene Excavating, LLC                    | Sand & Gravel                |
| Thumb Aggregate Sales, LLC                 | Sand & Gravel                |
| Thumb Aggregates, Inc.                     | Sand & Gravel                |
| Tri County Aggregate, Inc.                 | Sand & Gravel                |
| Tuscola County Road Commission             | Natural Brine, Sand & Gravel |
| Tuscola Materials, LLC                     | Sand & Gravel                |

*Van Buren*

| <b>Operator/Owner</b>  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| 46th Street, LLC   | Sand & Gravel            |
| Aggregate Industries (Meyer Material Company, LLC)               | Sand & Gravel            |
| Bloomington Land Company, LLC                                    | Sand & Gravel            |
| Compton, Inc.  | Sand & Gravel            |
| Consumers Sand & Gravel Company (Consumers Concrete Corporation) | Sand & Gravel            |
| Cornerstone Excavating, LLC                                      | Sand & Gravel            |
| Debest, Inc.   | Sand & Gravel            |
| Jensen's Excavating, Inc.  | Sand & Gravel            |
| Krohn Excavating, LLC  | Sand & Gravel            |
| Kusmack Excavating & Septic                                      | Sand & Gravel            |
| Lawn Boys, Inc.  | Sand & Gravel            |
| Michigan Paving & Materials Company/Stoneco, Inc.                | Sand & Gravel            |
| Pease Bros. Excavating, Inc.                                     | Sand & Gravel            |
| R Smith & Sons Trucking, Inc. (Southwest Gravel, Inc.)           | Sand & Gravel            |
| Van Buren County Road Commission                                 | Sand & Gravel            |
| Welburn Excavating   | Sand & Gravel            |
| Yerington Aggregates & Trucking, Inc.                            | Sand & Gravel            |

*Washtenaw*

| <b>Operator/Owner</b>  | <b>Mineral/Commodity</b> |
|--|--------------------------|
| American Aggregates of Michigan, Inc. (The Levy Group, Inc.) | Sand & Gravel            |

*Washtenaw*

| <b>Operator/Owner</b>   | <b>Mineral/Commodity</b> |
|---|--------------------------|
| Ann Arbor Sand & Gravel, Inc.                                     | Sand & Gravel            |
| Farmer Sand & Gravel, Inc.  | Sand & Gravel            |
| Fifty Two Minerals, LLC   | Sand & Gravel            |
| Finkbeiner Farm Sand & Gravel                                     | Sand & Gravel            |
| GS Materials, LLC (The Gerken Companies)                          | Sand & Gravel            |
| Liberty Sand & Gravel/Killins Concrete Co. (The Levy Group, Inc.) | Sand & Gravel            |
| Michigan Paving & Materials Company                               | Sand & Gravel            |
| Niethammer Rock Stop, LLC   | Sand & Gravel            |
| Stoneco, Inc.   | Sand & Gravel            |
| Washtenaw County Road Commission                                  | Natural Brine            |
| Washtenaw Sand & Gravel Company                                   | Sand & Gravel            |

*Wayne*

| <b>Operator/Owner</b>          | <b>Mineral/Commodity</b>         |
|--------------------------------|----------------------------------|
| Carmeuse Lime and Stone, Inc.  | Lime                             |
| Detroit Salt Co., LLC          | Salt                             |
| Marathon Petroleum Corporation | Sulfur (oil refinery by-product) |
| Sibley Limestone               | Limestone/Dolostone              |
| St. Marys Cement, Inc.         | Cement                           |
| US Silica Company              | Sandstone/Industrial Sand        |

*Wexford*

| <b>Operator/Owner</b>                          | <b>Mineral/Commodity</b> |
|--|--------------------------|
| Dunbar Sand & Gravel (Dunbar Excavating, Inc.) | Sand & Gravel            |
| Elmer's Crane and Dozer, Inc.                  | Sand & Gravel            |
| Franke Septic Tank Service, LLC                | Sand & Gravel            |
| Halliday Sand & Gravel, Inc.                   | Sand & Gravel            |
| Meyer Construction Company                     | Sand & Gravel            |
| Raymer's Dozer Services                        | Sand & Gravel            |
| Rieth-Riley Construction Company, Inc.         | Sand & Gravel            |
| Wexford County Road Commission                 | Sand & Gravel            |
| Wexford Sand company                           | Sand & Gravel            |