

**GRASS LAKE CHARTER TOWNSHIP
JACKSON COUNTY, MICHIGAN
ZONING ORDINANCE AMENDMENT
ORDINANCE NO. __**

At a meeting of the Township Board of Grass Lake Charter Township, Jackson County, Michigan, held at the Grass Lake Charter Township Hall on _____, 20____, at __:____ __.m., Township Board Member _____ moved to adopt the following ordinance, which motion was seconded by Township Board Member _____:

An Ordinance to amend the Grass Lake Charter Township Zoning Ordinance, as amended, to among other things, regulate mining and extraction operations within the Township in order to maintain the public health, safety, and welfare of the residents of and visitors to Grass Lake Charter Township.

THE CHARTER TOWNSHIP OF GRASS LAKE ORDAINS:

SECTION 1. Amendment of Chapter 2, Section 2.13, Definitions “M”: The Grass Lake Charter Township Zoning Ordinance, Chapter 2, Section 2.13 shall be amended to include the definition of Mining and Extraction Operations below. All other Ordinance definitions shall remain the same.

Mining and Extraction Operations. Any excavation operation for the purpose of searching for, removing, or processing peat, gravel, sand, clay, earth, or other soils, or marble, stone, slate, or other valuable natural resource in excess of five-hundred (500) cubic yards in any calendar year, including the overburdening, storage or transporting of such items on a mining and extraction site, or the reclamation of the site after removal or excavation of such items, but not including an oil or gas well. The following activities are not mining and extraction operations and are exempt from the special land use permit requirements of this Ordinance:

- A. Excavation approved by a governmental body of competent jurisdiction in conjunction with the installation or maintenance of publicly owned or operated utilities, drainage facilities, roads, or other publicly owned or operated improvements, where the excavation is limited to the site of the public utility or improvement.
- B. The ordinary and necessary grading of land for the tilling and cultivation of soils to grow crops or excavation in conjunction with a farming operation conducted following generally accepted agricultural management practices.
- C. Normal lawn and landscaping installation and maintenance provided that the existing natural grade is not raised or lowered by more than twelve (12) inches over an area encompassing twenty-five percent (25%) or more of a parcel.

- D. Any excavation of material that will not involve transporting the materials outside the property where they were extracted.
- E. Excavations for ponds constructed for private use of property owners provided the pond will not be larger than five acres and material will not be removed from the site.
- F. Excavation within a public right-of-way, within public roads or drainage easements.
- G. Excavation that by its nature is of limited scope and duration and that is undertaken primarily for the immediate use and development of the land excavated, such as for purposes of building construction, access way construction, septic tanks, swimming pools, graves, and other approved uses under this Ordinance.

SECTION 2. Amendment of Chapter 14, Section 14.07(HH), Removal and Processing of Topsoil, Stone, Rock, Water, Sand, Gravel, Lime or Other Soil or Mineral Resources: The Grass Lake Charter Township Zoning Ordinance, Chapter 14, Section 14.07(HH) shall be renamed to “Mining and Extraction Operations” and amended to read as follows:

1. **Purpose:** The Township recognizes that sand, gravel, and other valuable natural resources within the Township have beneficial uses when extracted from the earth. The Township further understands that mining and extraction operations have the potential to impose very serious consequences, as the term is used in Section 205 of the Michigan Zoning Enabling Act, on township residents and visitors if not appropriately regulated. This section regulates mining and extraction operations to promote utilization of these resources in a manner that is compatible with surrounding land uses and to prevent very serious consequences related to impacts on property values, pedestrian and traffic safety, the environment, other land uses, and other identifiable health, safety, and welfare interests.
2. **Permitting**
 - a. Permit Required. It is unlawful to conduct a mining and extraction operation without obtaining a special land use permit and meeting all requirements of the Township Zoning Ordinance.
 - b. Length of Permit. A mining and extraction operation special land use permit shall be issued for five (5) years. The Planning Commission must annually review special land use permits for mining and extraction operations according to the Annual Compliance Review described below. No renewal of any special land use permit for a mining and extraction operation shall allow such use to continue for more than five (5) years without submission of a new special land use permit application containing all information required by Township Zoning Ordinance.

- c. Annual Compliance Review. As a condition of a special land use permit for a mining and extraction operation, the Township shall annually inspect the operation for compliance with the Township Zoning Ordinance and conditions of a special land use permit before renewing a special land use permit. This review shall consider, but is not limited to, (1) permit holder disclosure of all violations of local, state, and federal laws and regulations by a mining and extraction operation and (2) a physical inspection of a mining and extraction operation for compliance with Township Ordinances, special land use permits, site plans, zoning permits, and local, state, and federal laws and regulations by the Township Zoning Enforcement Officer or any other individual designated to inspect a site by the Township. Any existing Special Land Use permit may be invalidated, revoked or terminated early based on findings of non-compliance uncovered during the Annual Compliance Review pursuant to the Zoning Ordinance.
- d. Renewal Report. Before renewing a special land use permit for a mining and extraction operation, and 60 days prior to each annual anniversary of a special land use permit, a permit holder must submit to the Planning Commission for approval a report of the land use's operations necessary for the Annual Compliance Review. This Renewal Report shall include:
- i. Materials related to all complaints received by the permit holder and all permit holder actions to resolve such complaints;
 - ii. Copies of all permits obtained and renewed during the past year from local, state, and federal governmental entities related to the operation of a mining and extraction operation;
 - iii. Materials related to all inspection reports conducted on a mining and extraction operation;
 - iv. Information outlining all materials, including aggregates, imported to a mining and extraction operation;
 - v. A description of the expected future extraction operations and locations of future extraction operations;
 - vi. A description of restoration and reclamation activities performed to date and plans for reclamation activities in the future;

- vii. Proof of a financial guarantee and liability insurance compliant with this Ordinance;
 - viii. Information related to any changes in or withdrawal of any permits required by this Ordinance; and
 - ix. Any information reasonably requested by the Planning Commission to determine if a permit shall be renewed.
- e. Inspections. Mining and extraction operations are subject to site inspections as determined by the Township. As a condition of obtaining a special land use permit, applicants and permit holders are deemed to have authorized these inspections and will cooperate fully in making the mining and extraction operations available for inspections. If violations of the conditions of the Special Land Use permit are determined based on the inspection, the Special Land Use permit may be invalidated, revoked or terminated pursuant to the Zoning Ordinance.
- f. Lot Size. Mining and extractions operations shall occur on a parcel of with a minimum lot size of 10 acres.

3. Application for Special Land Use Permit for Mining and Extraction Operation

- a. Applicants who apply for a special land use permit for a mining and extraction operation must, in addition to all the information required for a special land use permit application (12 copies of the full application shall be provided), include the following information:
- i. **Site Plan:** Applicants must submit a preliminary and final site plan under the Zoning Ordinance. Site plans for mining and extraction operations include the following information in addition to the information requirements in Chapter 15 of the Zoning Ordinance:
 - 1. The proposed excavation area;
 - 2. A list of any deed restrictions and easements of record appearing in the chain of title;
 - 3. The location and size of sediment ponds, drainage diversions, and offsite discharge points; and
 - 4. The location of permanent site equipment.

ii. Hydrogeological Report:

1. A Hydrogeological Report is required if an applicant plans on creating a lake greater than five (5) acres after extraction operations or in cases where a proposed mining and extraction operation plans to extract material from below the water table and requires the use of dewatering. If required, applicants must submit a Hydrogeological Report by a registered professional engineer, certified geologist, or other qualified individual selected and/or approved by the Planning Commission, regarding hydrogeological impacts from a proposed mining and extraction operation. This report shall include the items listed below:
 - a. Evidence that shows an applicant will obtain all necessary permits required by local, state, and/or federal governmental agencies including all permits required by the Michigan Department of Environment, Great Lakes, and Energy or its successor agency.
 - b. Test pumping data at the proposed site and computations used to assess any potential site dewatering impacts;
 - c. Information regarding the direction and rate of groundwater movement and how this movement will be impacted by a proposed mining and extraction operation;
 - d. Information identifying the water up-gradient and down-gradient;
 - e. Information identifying aquifer characteristics when an applicant plans to use soil dewatering or plans to extend extraction operations within 20 feet of the highest recorded groundwater level;
 - f. Information discussing any impacts on surrounding water supply wells;
 - g. Identification and locations of any proposed monitoring wells that are consistent with all local, state, and federal laws and regulations;

- h. Information documenting the effect of the proposed operation on the surrounding area's watershed;
 - i. Information documenting the operation's effect on any wetlands;
 - j. Should an applicant create any water bodies; information outlining the life-span of such bodies of water, the depth of such bodies, and any impacts they will have on surrounding land used; and
 - k. Any other information requested by the Planning Commission reasonably related to whether to grant a special land use permit.
- iii. **Extraction Master Plan:** Applicants must submit an extraction master plan that assesses the operation's impact on natural features of the property and outlines their proposed operation by including:
1. A statement outlining compatibility with surrounding land uses;
 2. Information describing proposed excavation methods, including projected depths and drainage methods;
 3. A plan to control the impacts of dust from the operation;
 4. Information regarding the amount of material and types of material to be taken from the site;
 5. Information regarding the market's demand for the materials to be extracted from the site;
 6. Information regarding proposed clearance methods and debris clean-up;
 7. Information regarding how an applicant plans to control erosion;
 8. Information regarding the control or storage of ponded or surface water;

9. A statement outlining the type of mobile and nonmobile equipment to be used at the site, including, but not limited to, available manufacturer specifications regarding noise levels, size, height, and operational characteristics;
10. The location of the proposed haul routes including where traffic will enter and exit the proposed mining and extraction operation;
11. A vertical aerial photograph enlarged to a scale equal to one (1) inch equal two hundred (200) feet, which identifies site boundaries, land uses within one half (1/2) mile of the parcel, and proposed locations of all extraction activities and phases;
12. Proposed plans regarding fencing and signage;
13. Information relating to the time, duration, phasing, and proposed work schedule of the total project;
14. Identification of all materials, including fill imported to the site and its necessity to a mining and extraction operation;
15. Information discussing necessary permits from any local, state, and/or federal governmental entity necessary to conduct the proposed operation and how the applicant intends to obtain or has obtained the necessary permits. An applicant must provide a sworn affidavit that they will obtain and comply with all necessary permits from governmental agencies and provide a copy of the permits to the Planning Commission for review, before operating a mining and extraction operation;
16. Information related to proposed drainage systems, settling ponds, and retention ponds as appropriate;
17. A description of the area from which extraction will take place in the first year of operation and likewise for each successive year to completion; and
18. Topography information based on United States Geological Survey (USGS) or North American Vertical Datum (NAVD) data for the site and 100 feet of adjoining property showing:

- a. Existing and Proposed Contours at two (2) foot intervals for property 5 acres and greater;
- b. Existing and Proposed Contours at one (1) foot intervals for property 1 to 5 acres; and
- c. Existing and Proposed Contours at one (1) foot intervals and spot elevations for property under 1 acre.

19. Any other information deemed reasonably required by the Planning Commission to determine whether a permit should be issued or not.

iv. **Land Reclamation Plan:** Applicants must include a land reclamation plan prepared by a professional engineer or other qualified professional, selected and/or approved by the Planning Commission, that identifies, at the minimum, the following:

- 1. The anticipated future use of the restored land;
- 2. Steps to be taken to preserve topsoil;
- 3. The placement of a three (3) inch layer of arable topsoil over the excavated area, except exposed rock surfaces or areas lying below natural water level, in accordance with the proposed reclamation use;
- 4. Identification of all structures and equipment that must be removed from the premises upon completion of the extraction activity other than those necessary for reclamation;
- 5. The restoration of the site topography so that no gradients in the disturbed area are steeper than a slope of 1:4;
- 6. Identification of fill and soils to be used. Fill and soils must be of sufficient quality to be well-drained and non-swelling and cannot be overly compacted. To the extent the reclamation plan involves the construction or development of buildings, fill and soils must be of proper bearing capacity to support foundations and waste disposal systems.

7. Location and extent of all natural features to be retained after extraction operations, including but not limited to wetlands, streams, and wooded areas;
8. The slope of all restored areas;
9. Proposed completed topography at contour intervals of not more than five feet;
10. A schedule describing the phases of reclamation. All areas shall be progressively restored to mitigate hazards and to blend with the general surrounding environment to appear reasonably natural. Applicants must restore land as soon as reasonably practical once extraction activities cease on a portion of a mining and extraction operation;
11. Proposed ground cover and other plants to stabilize the soil surface and to restore the area;
12. A description of the methods and materials to be utilized restoring the site;
13. A sketch plan of the proposed use of the restored site when restored;
14. An estimate of the costs to restore land impacted by the mining and extraction operation in compliance with the Township Zoning Ordinance including an itemized list of how the applicant calculated such costs; and
15. Any other information deemed reasonably required by the Planning Commission to determine whether a permit should be issued or not.

4. **Financial Guarantee**

- a. Guarantee. To ensure successful restoration of a mining and extraction operation, an applicant must deposit with the Township cash, a certified check, irrevocable bank letter of credit, or a performance bond acceptable (“Financial Guarantee”) to the Township before issuance of a special land use permit. The Planning Commission will review and determine the amount required in the Financial Guarantee so it can sufficiently restore the disturbed area of the site. In determining the amount of such security, the Planning Commission shall take into account the

size and scope of the proposed excavation, probable cost of reclamation of the site upon default of operator, recommendation of appropriate consultants, estimated expenses, and such other factors and conditions as might be relevant in determining the sum reasonable in the light of all facts and circumstances surrounding each application. The costs of restorations will include the administrative costs to the township for performing restoration. In addition to the Financial Guarantee, applicants must enter into a Restoration Agreement with the Township to the satisfaction of the Township that outlines when the Township may draw from the Financial Guarantee to restore a disturbed site.

- b. The Financial Guarantee shall be submitted by applicant prior to the issuance of any permit and shall be held by the Township until restoration is completed and has been approved by the Township. At no time shall any excavation be undertaken or continued unless, and until the Township receives an acceptable Financial Guarantee and an executed Restoration Agreement.
- c. Insurance. The applicant shall maintain liability insurance (for property damage and bodily harm specific to proposed site) in an amount determined reasonable by the Planning Commission, shall name the Township as an additional insured, and provide the Township with a copy of the insurance policy to be kept on file with the Township Clerk.

5. Specific Operating Requirements

A mining and extraction operation is subject to all the Specific Operating Requirements below.

a. Setbacks.

Activity	Setbacks ¹ (ft.)		
	From Adjoining Property Line		From Public Streets
	Adjoining Property With Residence	Adjoining Property Without Residence	
Mining/Excavation	200	100	100
Loading and Weighing ²	200	100	300
Processing:			
<u>Stationary Plant</u> ³ : Screening and Washing	500	300	300
<u>Portable Plant</u> ⁴ : Screening and Washing	200	100	100
Stockpiling			
Landscaping Berm ⁵	200	150	150
	10	10	10
Natural Features ⁶	--	--	--
¹ Setback: defined as the distance from the property line or edge of the public street. The setback for mining operations may not be used for any use related to an extraction operation, except access roads, berms, fencing, and public notice signs identifying the use as an excavation. ² Weighing via on-board scales ³ Stationary Plant: immobile mining equipment/machines that are fixed in place. ⁴ Portable Plant: mining equipment/machines that are easily moved and transported. ⁵ Landscaping Berm: the berm shall be located within the mining operation setbacks listed in the table above. Refer to this Ordinance for further discussion regarding landscaping berm. ⁶ Natural Features: 50 foot natural feature setback shall be maintained from the ordinary high water mark (shoreline) of any lake, pond, or stream and to the edge of any drainageway or regulated wetland.			

b. The setback areas shall not be used for any use related to an extraction operation, except access roads, berms, fencing, and public notice signs identifying the use as an excavation. All physical limits on the extent of extraction shall be clearly identified on the site plan and restoration plan approved by the Planning Commission.

c. Complaint Resolution. Mining and extraction operations must provide and post on an area accessible to the public a sign that notes a telephone number to call with any complaints related to a mining and extraction operation. Permit holders must keep a log of all complaints received from the number referenced above and detail: (1) all complaints received and a description of each complaint; (2) action taken to resolve each complaint; and (3) any action taken to prevent future similar complaints.

- d. Building Line for Operation Structure. To reduce effects of airborne dust, dirt, and noise, all equipment and structures for sorting, crushing, and loading, excluding scales, shall not be built or located closer than five hundred (500) feet from any public street right-of-way or from any adjoining property line.
- e. Access/Road Maintenance Agreement. All means of access to the property shall only be from roads designated by the Jackson County Department of Transportation and shall not be from private roads unless authorized by the Planning Commission. The Planning Commission shall have the discretion to review and approve all proposed haul routes. The first 150 feet of access into a mining and extraction operation from the edge of a public road may not be gravel and must be paved (e.g. by asphalt concrete or Portland cement concrete). Permit holders must enter into a road maintenance agreement with the Jackson County Department of Transportation or other applicable governmental entity to maintain roads utilized as part of an operation's haul route in a well-maintained manner that ensures pedestrian and traffic safety.
- f. Gates and Fences. All access points to a mining and extraction operation must include a lockable gate. Said gates shall be closed and locked at all times except during the permitted hours of operation. The perimeter of the operation where excavation has occurred or is being conducted shall be fenced with a six (6) foot high woven wire fence. The fence shall always be well-maintained and in good repair. All required gates and fencing must be installed before any mining or extraction operation commences unless waived by the Planning Commission.
- g. Signs. Mining and extraction operations must post warning signs at 200-foot intervals along the perimeter of the property that inform the public to keep out of the property.
- h. Noise, Vibration, and Air Pollution. Any noise, odors, smoke, fumes, or dust generated on said property by any digging, excavating, loading or processing operation borne, or able to be borne, by the wind shall be controlled so as not to cause a nuisance or hazard to any adjoining property or road.
- i. Pollution of Waters. The removal or storage of materials shall not cause unauthorized contamination by any material to any body of water.
- j. Access Roads. All private access roads shall be treated to minimize dust creation.
- k. Slopes. Finished and restored slopes of the banks of the excavation shall in no event exceed a minimum of four (4) feet to one (1) foot (four feet to one foot vertical).

Where ponded water results from the operations, slopes must be maintained and extended into the water to a depth of five (5) feet.

- l. Elevation of Plant Site. Wherever practical, all aggregate processing plants shall be located within the excavation area, at a point lower than the general level of the surrounding terrain, in order to reduce the visual and noise of the plant structure.
- m. Stockpiles. There shall be no stockpiling or equipment storage or repair on the site outside of any required screening berms or closer than two hundred (200) feet from any property line or any public highway right of way. Stockpiles of stripped topsoil shall be seeded with grass or other materials so to prevent erosion.
- n. Water and Sewage Disposal. On-site domestic water supply and domestic sewage disposal systems shall be approved, if required, by the Jackson County Health Department.
- o. Survey Markers. Permanent and readily visible markers shall be placed and maintained which show where surveyed lines of road right of ways, property lines, and setback lines exist. The markers shall be a minimum of five (5) feet in height and be placed along the required locations around the site. Such shall be placed at a distance, not to exceed three hundred fifty (350) feet for each marker. The markers shall be placed at intervals so that the line of sight from one marker to two adjacent markers is visible.
- p. Material Importation. Mining and extraction operations may not import any materials, including aggregates or soils, unless disclosed in an approved Extraction Master Plan or Land Reclamation Plan.
- q. Crushing. Crushing of non-native or imported material is prohibited.

6. Hours of Operation

- a. Mining and extraction operations may only occur between the hours of 7:00 A.M. and 6:00 P.M., Monday through Friday, and between 7:00 A.M. and 2:00 P.M. on Saturday. Operations on Saturday shall be for load out only, no extraction or processing.
- b. Transporting and Loading. No transporting or loading of aggregates from the site shall be permitted prior to 7:00 A.M. and after 6:00 P.M., Monday through Friday, and prior to 7:00 A.M. and after 2:00 P.M. on Saturday.

- c. Repair of Equipment. Repair and maintenance of equipment site shall be permitted only during the hours of 6:00 A.M. through 9:00 P.M. Monday through Friday and 6:30 A.M. through 5:00 P.M. on Saturdays.
- d. Sunday Operations. No operations may occur on Sundays.
- e. Operations on Holidays. No operations may occur on the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Eve Day, and Christmas Day.

7. Landscaping

- a. Landscaping Plan Required: A separate detailed landscape plan must be submitted as part of a special land use permit for a mining and extraction operation to minimize negative impacts on adjacent properties. The landscape plan shall be prepared at a minimum scale of 1"= 100' and identify all berms. The landscape plan shall include the following items:
 - i. Proposed plant location, spacing, and size and descriptions for each plant type proposed for use to meet the requirements of this Ordinance.
 - ii. Identification of grass and other proposed ground cover and method of planting.
 - iii. Identification of existing trees and vegetative cover to be preserved.
 - 1. Berm plantings include at a minimum, one coniferous tree of at least six feet in height per forty linear feet of berm where the Planning Commission finds such screening is necessary to minimize negative visual or audio impacts upon abutting roads and parcels. The trees shall be located between the berm and the property but not in any right of way. All plantings proposed along berms or otherwise in setback areas shall be of an informal character, rely on native species, and include a combination of coniferous and deciduous plant material.
- b. Berms. The construction of a screening berm shall be initiated immediately upon the initiation of extraction operations on a site and shall be completed within three months of the of such extraction operations. Berms serve to visually screen the operations on the site as well as reduce noise and dust from properties. Berms shall be located as indicated on the approved site and landscaping plans and shall meet the following requirements.

- i. Berms shall be located along all sides of active extractive or processing operations that abut a public or private road or a parcel requiring a 200-foot setback under this Ordinance and on which a dwelling is currently.
 - ii. Berms shall be of a slope of one foot of vertical rise for each two feet of horizontal run. The location and height of berms must be adequate to visually screen the operation.
 - iii. Berms must be designed to prohibit changes in drainage patterns on abutting properties and rights-of-way.
 - iv. Berms must be seeded or otherwise planted maintained with vegetative character of the area. Trees may be included in the landscaping to enhance the screening function.
 - v. Berms may be removed in the process of reclamation when the operations that were being screened have moved or have been completed.
- c. Quality of Plant Material. Plant material and grasses shall be of acceptable varieties and species, free of insects or diseases, and hardy to the climate. Plant species that are generally considered undesirable due to limited disease tolerance, low wood strength, and/ or high tendencies toward splitting of wood, such as box elder, mulberry, and willows, are not permitted unless authorized by the Planning Commission. Plant material shall be maintained in a reasonably healthy condition, free from refuse and debris. All unhealthy and dead material shall be replaced within (1) year of or death or the next appropriate planting period, whichever comes first.
- d. Unexcavated Areas. Unexcavated areas shall be left in such a condition to ensure growth of vegetation, soil stabilization and erosion control. Topsoil of a quality equal to that occurring naturally in the area shall be replaced, if necessary, to a depth of four (4) inches on unexcavated areas that have been disturbed.

8. **Waiver and Modification**

- a. Permit holders must notify the Township of any changes of operations contrary to any application materials submitted as part of a special land use permit for a mining and extraction operation. The Township Planning Commission must approve these changes in writing.

- b. The Planning Commission reserves the rights to waive requirements in this section if it determines that some requirements are not necessary or do not apply to a proposed mining and extraction operation.

SECTION 3. Severability: The provisions of this Ordinance are declared severable. If any part of this Ordinance is declared invalid for any reason by a court of competent jurisdiction, that declaration does not affect or impair the validity of all other provisions that are not subject to that declaration.

SECTION 4. Repeal: All Ordinances or parts of Ordinances in conflict herewith are hereby repealed.

SECTION 5. Form: A compilation the Grass Lake Charter Township Zoning Ordinance after the amendment above is attached and incorporated herein as the revised Grass Lake Charter Zoning Ordinance. The attached document shall serve as the Grass Lake Charter Township Zoning Ordinance.

SECTION 6. Effective Date: This Ordinance shall become effective seven (7) days after publication of a notice of adoption of this Ordinance, unless referendum procedures are initiated under MCL 125.3402. If referendum procedures are initiated, this Ordinance will take effect in accordance with MCL 125.3402.

YEAS: _____

NAYS: _____

ABSENT/ABSTAIN: _____

ORDINANCE DECLARED ADOPTED.

James Stormont, Grass Lake Charter Township Supervisor

CERTIFICATION

I hereby certify that:

1. The above is a true copy of an Ordinance adopted by the Grass Lake Charter Township Board at a duly scheduled public meeting of the Township Board held on _____, 20____, pursuant to the required statutory procedures.
2. A summary of the above Ordinance was duly published in the _____ newspaper, a newspaper that circulates within Grass Lake Charter Township, on _____, 20__.
3. Within 1 week after such publication, I recorded the above Ordinance in a book of ordinances kept by me for that purpose, including the date of passage of the ordinance, the names of the members of the township board voting, and how each member voted.
4. I filed an attested copy of the above Ordinance with the Jackson County Clerk on _____, 20_____.

ATTESTED:

Catherine Zenz, Grass Lake Charter Township Clerk

**GRASS LAKE CHARTER TOWNSHIP
JACKSON COUNTY, MICHIGAN
ZONING ORDINANCE AMENDMENT
NOTICE OF ADOPTION**

Ordinance No. ____

At a meeting of the Township Board of Grass Lake Charter Township, Jackson County, Michigan, held at the Grass Lake Charter Township Hall on _____, 20____, at ____:____ p.m., the Township Board adopted Ordinance No. __, which amends the Township Zoning Ordinance to, among other things, define and regulate mining and extraction operations. Copies of the complete text of the Ordinance were and are available at the Grass Lake Charter Township Hall, 373 Lakeside Drive, Grass Lake, Michigan 49240.

The Ordinance has the following sections and catch lines: Section 1: which amends Chapter 2, Section 2.13 of the Zoning Ordinance; Section 2: which amends Chapter 14, Section 14.07(HH) of the Zoning Ordinance; Section 3: Severability; Section 4: Repeal; Section 5: Form; and Section 6: Effective Date which is seven days after the publication of the Notice of Adoption unless referendum procedures are initiated under MCL 125.3402.

Published by Order of the Township Board
Grass Lake Charter Township, Jackson County, Michigan
Catherine Zenz, Township Clerk
517-522-8464

Publication Date: _____, 20____