

**MANCHESTER TOWNSHIP
WASHTENAW COUNTY, MICHIGAN
ORDINANCE NO. 99**

ORDINANCE ESTABLISHING CRYPTOCURRENCY MINING MORATORIUM

An ordinance to enact a temporary moratorium for a period of one year on the permitting, consideration, approval, location, erection, construction, and/or installation of any Cryptocurrency Mining facilities.

WHEREAS, due to concerns from the public and Township officials about appropriate regulations to regulate Cryptocurrency Mining among other issues associated with Cryptocurrency Mining; and

WHEREAS, Cryptocurrency Mining means the operation of specialized computer equipment for the primary purpose of mining one or more blockchain based cryptocurrencies, such as Bitcoin. Cryptocurrency Mining typically involves the solving of algorithms as part of the development and maintenance of a blockchain which is a type of distributed ledger maintained on a peer-to-peer network.

WHEREAS, the typical physical characteristics of cryptocurrency mining include, but are not limited to the following: (1) specialized computer hardware; (2) High Density Load (HDL) electricity use; (3) a high Energy Use Intensity (EUI) where the operating square footage as determined by the electrical utility is above 250kWh/fr²/year with a high load factor; (4) use of equipment to cool the hardware and operating space; and/or (5) the implementation or use of a cloud mining host or mining pools that enables the remote use of mining computer hardware;

WHEREAS, the Township has a legitimate purpose in addressing the proper design, size, location, and operation of Cryptocurrency Mining in the Township; and

WHEREAS, the amount of electricity consumed by and thermal heat produced by the specialized computer hardware used in a Cryptocurrency Mining facility raises concerns that necessary regulations may be required to protect the public health, safety, and general welfare; and

WHEREAS, the Township is reasonably concerned future Cryptocurrency Mining, without proper regulations, would be established in inappropriate or inadvisable locations within the Township; and

WHEREAS, it is appropriate to forestall such issues for the Township and to enact a temporary moratorium on such Cryptocurrency Mining until any necessary regulations can be enacted; and

WHEREAS, the Township determines that the adoption of this ordinance, which is necessary to preserve the public peace, health, and safety by preventing the inappropriate location and establishment of Cryptocurrency Mining in the Township during the time needed to study, review, due to conditions within the Township.

NOW, THEREFORE, Manchester Township, Washtenaw County, Michigan, Ordains:

Section 1. Title: This Ordinance shall be known and cited as the Manchester Township Cryptocurrency Mining Moratorium.

Section 2. Definition: Cryptocurrency Mining means the operation of specialized computer equipment for the primary purpose of mining one or more blockchain based cryptocurrencies, such as Bitcoin. Cryptocurrency Mining typically involves the solving of algorithms as part of the development and maintenance of a blockchain which is a type of distributed ledger maintained on a peer-to-peer network. The typical physical characteristics of a Cryptocurrency Mining facility include, but are not limited to, the following: (1) specialized computer hardware, such as an application-specific integrated circuit (ASIC) miner; (2) High Density Load (HDL) electricity use; (3) a high Energy Use Intensity (EUI) where the operating square footage as determined by the electrical utility is above 250kWh/fr²/year with a high load factor; (4) use of equipment to cool the hardware and operating space; and/or (5) the implementation or use of a cloud mining host or mining pools that enables the remote use of mining computer hardware.

Section 3. Moratorium: The Township enacts a temporary moratorium on the permitting, consideration, approval, location, erection, construction, and/or installation of all Cryptocurrency Mining in the Township for a period of one-year. For the purposes of this ordinance, Cryptocurrency Mining encompasses all like operations, whether or not referenced in the Manchester Township Zoning Ordinance.

Section 4. Severability: The provisions of this Ordinance are hereby declared to be severable and if any part is declared invalid for any reason by a court of competent jurisdiction it shall not affect the remainder of the Ordinance which shall continue in full force and effect.

Section 5. Repeal: All ordinances or parts of ordinances in conflict with this Ordinance are hereby repealed.

Section 6. Effective Date: This Ordinance shall take effect immediately after publication.

YEAS: Milkey, Thompson, Moutinho, Jarvis, Seefeld, Fusilier, Proctor

NAYS:

ABSENT/ABSTAIN:

ORDINANCE DECLARED ADOPTED.



Ronald Milkey, Manchester Township Supervisor

CERTIFICATION

I hereby certify that:

1. The above is a true copy of an Ordinance adopted by the Manchester Township Board at a duly scheduled and noticed meeting of the Township Board held on April 11, 2023, pursuant to the required statutory procedures.
2. A summary of the above Ordinance was duly published in the Manchester Mirror newspaper, a newspaper that circulates within Manchester Township, on April 19, 2023.
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 Washtenaw County Clerk on April 12, 2023.

ATTESTED:



Danell Proctor, Manchester Township Clerk

**MANCHESTER TOWNSHIP
WASHTENAW COUNTY, MICHIGAN
ORDINANCE ESTABLISHING CRYPTOCURRENCY MINERAL MORATORIUM**

**Ordinance No. 99
Notice of Adoption**

Please take notice that on April 11, 2023, the Township Board of Manchester Township adopted Ordinance No. 99, which imposes a one year moratorium on the permitting, consideration, approval, location, erection, construction, and/or installation of Cryptocurrency Mining in the Township in order to allow appropriate time to study and potentially adopt revised regulations governing Cryptocurrency Mining. Copies of the Ordinance may be obtained from Danell Proctor, Manchester Township Clerk, at 275 S. Macomb St. Manchester, MI 48158 during regular business hours.

Published by Order of the Township Board
Manchester Township, Washtenaw County

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Publication Date: April 19, 2023.