



## APPLICATION FOR MINERAL MINING LICENSE

CITY OF WALKER  
COMMUNITY DEVELOPMENT DEPARTMENT  
4243 REMEMBRANCE RD NW  
WALKER MI 49534  
(616) 791-6858  
cdd@walker.city

DATE OF APPLICATION:

### 1. SITE DESCRIPTION

ADDRESS(es):

PPN LISTING(s) ON TAX ROLLS:

DIMENSIONS OF LOT:

TOTAL ACRES OF DISTURBANCE:

DIMENSIONS OF AREA TO BE MINED:

### 2. OWNER OF SITE

NAME:

PHONE:

EMAIL:

ADDRESS:

CITY:

STATE:

ZIP:

### 3. OPERATOR (MINING CONTRACTOR)

BUSINESS NAME:

EMAIL:

CONTACT PERSON:

PHONE:

ADDRESS:

CITY:

STATE:

ZIP:

### 4. ENGINEER

NAME:

PHONE:

EMAIL:

ADDRESS:

CITY:

STATE:

ZIP:

**5. MATERIALS TO BE MINED.** Provide a detailed statement of the materials or resources to be mined, stockpiled, and/or processed on the site or hauled away from the site.

**6. MINING METHODS.** Provide a detailed statement of the proposed method of mining, stockpiling, processing, and/or hauling.

**7. OFF-SITE ROUTES.** Identify off-site route (s) over which materials will be hauled to or from the site and truck routes in the area that will be used.

**8. ON-SITE ROADS AND DRIVES.** Describe the location, width, and proposed surface treatment (gravel, paved, etc.) of all on-site roads and drives, including driveway approaches.

**9. TYPE AND LOCATION OF MACHINERY, EQUIPMENT, AND FACILITIES.** Describe the *types and locations* of machinery, equipment, and facilities to be used at the site. Include the decibel level emitted by the equipment, measured at a distance of 50 ft.

**10. TIME OF COMPLETION AND PHASES.** Provide an estimate of the number of years to complete mining and reclamation at the site and the number of phases involved.

**11. PLAN OF OPERATION.** Provide an overall plan of operation sealed by a professional engineer which meets all applicable requirements under Sections 34-263 and 34-266 of the Mineral Mining Control Ordinance, including a topographic survey map of the site drawn on a scale not less than 1 inch = 200 ft, showing on a 4 ft contour interval existing grades of the land prior to any removal and grades of the proposed excavations subsequent to removal. The plan shall clearly show the area(s) to be mined, including existing areas and roads within 100 ft of all property lines, areas for stockpiling, maintenance areas, berms, fencing, and similar use areas. The plan of operation shall be accompanied by a projected schedule of mining operations as required by Section 34-263 of the Mineral Mining Control Ordinance. Place a check in the space provided if item attached or shown on plan as required:

- CURRENT TOPOGRAPHIC SURVEY ATTACHED
- AREAS TO BE MINED SHOWN, INCLUDING PRESENT APPLICATION AND FUTURE CELLS
- EXISTING AREAS MINED SHOWN WITH TOTAL ACREAGE OF CURRENTLY DISTURBED AREA
- ROADS WITHIN 100 FT OF ALL PROPERTY LINES SHOWN
- AREAS FOR STOCK PILING SHOWN
- MAINTENANCE AREAS SHOWN
- BERMS SHOWN, ALONG WITH VEGETATION AND NEW LANDSCAPING
- FENCING SHOWN
- OTHER USE AREAS SHOWN (SPECIFY)

**PROJECTED SCHEDULE OF MINING OPERATIONS PROVIDED, INCLUDING:**

- DATES PROVIDED FOR COMMENCEMENT / COMPLETION OF MINING OPERATIONS
- DATES PROVIDED FOR COMMENCEMENT / COMPLETION OF EROSION AND DRAINAGE CONTROL MEASURES
- DATES PROVIDED FOR COMMENCEMENT / COMPLETION OF FENCING, ROADS, UTILITIES, OTHER STRUCTURES
- FENCING SHOWN

**OPERATION PLAN AND MAPS MEET REQUIREMENTS OF SECTION 34-263 OF MINERAL MINING CONTROL ORDINANCE, INCLUDING:**

- EXISTING CONDITIONS SHOWN
- MINING UNDERWAY SHOWN
- MINING COMPLETED SHOWN
- MINING PROPOSED SHOWN
- STOCKPILES SHOWN
- ROADWAYS AND DRIVES SHOWN
- FILL AREAS SUBJECT TO THE REQUIREMENTS OF SEC. 34-105 OF THE MINERAL MINING ORDINANCE
- PERMANENT BENCHMARKS IDENTIFIED AND LOCATED
- PLANS AND MAPS PREPARED AND SEALED BY A REGISTERED CIVIL ENGINEER
- COMPACTION TEST RESULTS REPORTED BY A CERTIFIED DENSITY TECHNICIAN

**12. RECLAMATION PLAN.** Provide a reclamation plan sealed by a professional engineer for the site which meets the requirements under Sections 34-263(5)(m) of the Mineral Mining Control Ordinance. The reclamation plan shall be submitted in three parts, consisting of a recent aerial photograph of the site with a general plan of reclamation as an

overlay or as a separate drawing, a reclamation contour plan, and a description of reclamation methods and declaration of fill materials proposed for grade restoration and topsoil. The general plan of reclamation shall be presented at the same scale of operations and shall provide the information required by Sections 34-263(5)(m) of the Ordinance. Place a check in the space provided if item attached or shown on plan as required:

- AERIAL PHOTOGRAPH ATTACHED
- GENERAL PLAN OF RECLAMATION ATTACHED
- AREAS OF LAND ALREADY COMPLETELY RECLAIMED SHOWN
- AREAS OF RECLAMATION UNDERWAY SHOWN
- AREAS CURRENTLY USED FOR STORAGE OF TOPSOIL AND/OR OVERTBURDEN SHOWN
- AREAS PROPOSED FOR RECLAMATION DURING THE ONE YEAR LICENSE PERIOD SHOWN
- ACREAGE FOR EACH AREA ABOVE SHOWN
- DECLARATION OF FILL MATERIAL
- RECLAMATION CONTOUR PLAN WITH CONTOUR INTERVALS NOT TO EXCEED 2 FT. INDICATING THE GENERAL GRADE AND SLOPES TO WHICH EXCAVATED AREAS WILL BE RECLAIMED ATTACHED
- COMPACTION TESTS REPORTED BY A CERTIFIED DENSITY TECHNICIAN
- DESCRIPTION OF METHODS AND MATERIALS PROPOSED FOR RESTORATION OF TOPSOIL TO REQUIRED FERTILITY AND AMOUNT AND TYPE OF PLANTING SHOWN
- PROJECTED SCHEDULE OF RECLAMATION OPERATIONS PROVIDED
- DATES PROVIDED FOR COMMENCEMENT / COMPLETION OF RECLAMATION OPERATIONS
- DATES PROVIDED FOR COMMENCEMENT / COMPLETION OF EROSION AND DRAINAGE CONTROL MEASURES
- DATES PROVIDED FOR COMMENCEMENT / COMPLETION OF FINAL GRADING, TOPSOIL REPLACEMENT, REPLANTING OR LANDSCAPING, OTHER (SPECIFY)

**13. OTHER INFORMATION.** Provide any other information necessary to evaluate the character and nature of the proposed mining operations.

**14. PERMANENT CLOSEOUT OF MINING OPERATIONS:**

(a) Notwithstanding the activities permitted under Section 34-307, all mining operations are required to undergo a final review by the Mineral Mining Review Board to close out all onsite activities and active licenses and before any performance guarantee is discharged or released.

(b) The application and public hearing process for the final close out of all onsite activities will follow that for an annual mineral mining permit.

(c) The following must be supplied on site plans, by a professional engineer, by the applicant to the Mineral Mining Review Board:

- SEALED, SURVEYED, AS-BUILT PLANS, SHOWING RECLAIMED CONTOURS AT 2FT. CONTOUR INTERVALS
- A SEALED, ENGINEERED, SOIL EROSION AND PERMANENT SOIL STABILIZATION PLAN
- A LIST OF, AND LOCATIONS FOR, VEGETATIVE SITE RESTORATION METHODS
- THE LOCATION OF, AND FUTURE PLANS FOR, ALL ONSITE DRIVEWAYS, CATCH BASINS, CULVERTS, DRAINS, AND OTHER APPURTENANCES
- THE LOCATION OF, AND REMOVAL PLAN FOR, ALL ONSITE SIGNAGE
- THE LOCATION OF, AND REMOVAL PLAN FOR, ALL ONSITE BUILDINGS, EQUIPMENT, AND OTHER RELATED ITEMS
- THE LOCATION OF, AND GRADING PLANS FOR, ALL FUTURE PUBLIC ROADS
- COMPACTION TESTS REPORTING A MINIMUM OF 90% COMPACTION RATE FOR PLANNED UNDEVELOPED AREAS AND A MINIMUM 95% COMPACTION RATE FOR PLANNED DEVELOPMENT AREAS. COMPACTION TEST RESULTS SHALL BE REPORTED BY A CERTIFIED DENSITY TECHNICIAN. THE PLANNED UNDEVELOPED AND DEVELOPMENT AREAS MUST MATCH THOSE SHOWN ON THE RECLAMATION PLAN.
- DOCUMENTATION THAT ALL ONSITE OIL WELLS HAVE BEEN CUT TO THE RECLAMATION TOPOGRAPHY

(d) Prior to the public hearing, the City Engineer and DPW Director will conduct an onsite inspection to determine compliance with the as-builts and reclamation plans.

(e) Compliance with any conditions of approval attached to the close out review is required before any performance guarantee is discharged or released.

**15. ADDITIONAL APPLICATION REQUIREMENTS ATTACHED:**

- 6 PAPER COPIES OF ALL APPLICATION MATERIALS
- DIGITAL FILE OF ALL APPLICATION MATERIALS
- FENCE LETTER – CERTIFICATION OF EXISTING SAFETY FENCE
- \$25,000 PERFORMANCE GUARANTEE: CASH DEPOSIT, CERTIFIED CHECK, OR IRREVOCABLE BANK LETTER OF CREDIT WITH THE CITY OF WALKER NAMED AS BENEFICIARY
- \$500 APPLICATION FEE

<b>Owner's name (printed):</b>	<b>Owner's signature:</b>	<b>Date:</b>
<b>Applicant's name (printed):</b>	<b>Applicant's signature:</b>	<b>Date:</b>