

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land Management Administration • Mining Program

P.O. Box 1417 • Baltimore, Maryland 21203-2057

410-537-3557 • 800-633-6101 x3557 • www.mde.state.md.us

**APPLICATION FOR A PERMIT TO SURFACE MINE
ON LESS THAN FIVE ACRES**

This application can be used to obtain an original permit or to modify an existing permit for a site less than five acres.

Submitted pursuant to

Title 15, Subtitle 8, of the Environment Article

Annotated Code of Maryland

***This application is available as a Microsoft Word document online at
http://www.mde.state.md.us/Permits/WasteManagementPermits/wasteWater_app/index.asp#mining**

**INSTRUCTIONS FOR APPLICATION FOR PERMIT TO SURFACE MINE
on less than 5 acres**

This form may be used only when the permitted area is less than **5 acres** and less than **30,000 tons or 20,000 cubic yards** of material is excavated each year.

Read the instructions thoroughly before completing.

There are five steps to obtain a surface mining permit using the **less than 5 acre** application as follows:

- 1) **The Written Submittal**
 - a) Application for Permit to Surface Mine (Attached herein)
 - b) Filing Fees
- 2) **Map or Drawing** (Instructions attached herein)
- 3) **Right of Entry Agreement** (Separate form)
- 4) **Performance Bond** Before the permit may be granted and prior to the commencement of mining a performance bond payable to the Maryland Department of the Environment must be filed with the Administration in the amount of \$8,000.
- 5) **Public Hearing-** A public hearing may be required.

This form can also be used to modify an existing permit.

A surface mine license will also be required prior to the issuance of a permit.

The application shall be accompanied by filing fees as follows:

ORIGINAL APPLICATION:

- 1) **New Acreage Fee** - \$12 for each acre to be permitted, paid annually.
- 2) **Special Reclamation Fund Fee** - \$30 for each acre.
- 3) **Right of Entry Agreement Recording Fee** - \$60.50

MODIFICATION APPLICATION:

- 1) **Modification Fee - \$100**
- 2) If any modification involves additional acreage, see 1 through 3 under ORIGINAL.
- 3) **Right of Entry Agreement Recording Fee - \$60.50**

Check or money order shall make payment **payable to Maryland Department of the Environment**. Refunds will not be made if an application is denied. The application and filing fees should be sent to:

Maryland Department of the Environment
P. O. Box 1417
Baltimore, MD 21203

All acreage to be disturbed in conjunction with the mining operation must be included in the application.

Inquiries regarding a mining permit should be directed to:

Maryland Department of the Environment
1800 Washington Blvd
Land Management Administration
Minerals, Oil & Gas Division, Suite 655
Baltimore, MD 21230-1708
Telephone (410) 537-3557
Fax (410) 537-3573

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**INSTRUCTIONS FOR PREPARATION OF THE MAP
ACCOMPANYING THE MINING AND RECLAMATION PLAN**

Accompanying the short form application shall be a topographic map, on a scale no smaller than 1"=200' with a contour interval appropriate for the area and at least 2 representative cross-sections

A. The map shall show the following:

- 1) Vicinity Map of the tract of land to be affected,
- 2) Property Lines,
- 3) Location and names of – a) streams, b) roads, c) railroads, and d) utility lines – that are on or immediately adjacent (within 200 feet) to the affected areas,
- 4) Show possible tidal and nontidal wetlands, critical areas, and the one hundred year floodplain of non tidal streams on site and with 200 feet of the outer perimeter of the affected areas.
- 5) Location of all buildings within 200 feet of the outer perimeter of the affected areas,
- 6) Name of landowner of affected area,
- 7) **Signed** Landowner certification and/or Owner/Operator certification.
- 8) Names and address of adjoining landowners,
- 9) Location of test borings or test pits, outcrop line(s) for each geological formation.
- 10) Outline and designation of:
 - a) Affected area;
 - b) Topsoil, subsoil and overburden stockpiles;
 - c) Equipment and product storage areas;
 - d) Processing plants;
 - e) Tailings, wash water makeup and settling ponds;
 - f) Proposed permanent impoundment;
 - g) Disposal areas;
 - h) Reclaim areas;
 - i) Areas to be mined at a future date;
 - j) Haul roads;
 - k) Existing disturbance on-site; and
- 11) North arrow,
- 12) Mining Direction Arrow
- 13) Sediment Control Devices,
- 14) Soil Conservation District approval. (Not necessary for initial review. Must be on final plans submitted for approval).

FEE SCHEDULE

ORIGINAL APPLICATION

Amount Remitted

1) New Acreage Fee \$ 12 x _____ acres	_____
2) Special Reclamation Fund Fee: \$30 x _____ acres	+ _____
3) Right of Entry Agreement Recording Fee: \$60.50	+ _____
TOTAL=	\$ _____

MODIFICATION APPLICATION- NO ADDITIONAL ACREAGE

1) Modification Fee: \$ 100.00	TOTAL = \$ _____
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MODIFICATION APPLICATION- ADDING NEW ACREAGE

1) Modification Fee: \$ 100.00	_____
2) New Acreage Fee: \$ 12.00 x _____ new acres	+ _____
3) Reclamation Fee: \$ 30.00 x _____ new acres	+ _____
4) New Right of Entry Agreement Recording Fee: \$60.50	+ _____
TOTAL	\$ _____

TOTAL REMITTED= \$ _____

Application & Recording Fees – **Source Code 5671 – PCA 13743**
Special Reclamation Fund Fees- **Source Code 5671 – PCA 13750**

Permit No. _____-SP-_____

Original Modification

APPLICATION FOR PERMIT TO SURFACE MINE - SHORT FORM
(Operation Less Than Five (5) acres **and** Less Than 30,000 Tons / 20,000 Yards per Year)

I. APPLICANT INFORMATION

- 1) Name of applicant:
- 2) Current license number: _____-SL-_____
- 3) Business Mailing address:

- 4) Business telephone number: _____-_____-_____
- a) Worker's Compensation Insurance Number: _____
- 5) Name of operation (for example, #1 pit or Smith Tract):
- 6) Location of Operation
 - a) County:
 - b) Travel Directions:
- 7) Name and Address of surface land owner(s):
- 8) Name and Address of mineral owner(s):
- 9) Commercial name of mined products and geological description of mineral deposit.

- 10) Date mine opened: _____ Probable Mine Closure date: _____
- 11) Total disturbed acres requested for permit:
- 12) Estimated number of tons to be mined each year _____ or
Estimated number of cubic yards to be mined each year:

Complete item 13 only if applying for a permit modification

13. Reason for requesting modifications

- Change in planned land use
- Increased Land Area
- Change in schedule of reclamation
- Decreased land area
- Change in reclamation practices
- Other

Describe Reasons:

II. SITE INFORMATION

- 14) Present land use (check all that apply):
- Agriculture
 - pasture
 - forest
 - Crops
 - Mining
 - Other (describe):

- 15) Is the proposed mining site located in or within 200 feet of:
- (a) The Critical Area Yes No
 - (b) Tidal Wetlands Yes No
 - (c) Nontidal wetlands Yes No
 - (d) the 100 year floodplain of nontidal streams Yes No

If yes to any of the above other permits may be required

III. Mining Plan

16) Fully describe the mining operation, include in the mining sequence a description of site preparation, sequence of installation and maintenance of sediment controls, mining direction and depth, and proposed reclamation.

17) Topsoil

- a) state the thickness (inches or feet) of topsoil on site:

- b) state the amount of topsoil in cubic feet to be conserved for reclamation:

- 18) Overburden
- a) state the thickness (inches or feet) of overburden on site:

 - b) state the amount of overburden in cubic feet to be conserved for reclamation:

IV. RECLAMATION PLAN

19) Proposed Land use (check all that apply. If other provide description):

Vegetated Open Space Agriculture Permanent Impoundment Forest

Other, Describe:

20) Describe how the final slopes will be regarded and established. Include maximum and minimum proposed slope ratios.

21) Types and seeding rates of vegetation to be planted on completed segments of the mining area and the amounts of lime, fertilizer and mulch to be used.

22) Other permits and approvals

List all permits and approvals required by State and local regulatory agency with regard to air and water pollution, sediment control, and zoning. Also **SUBMIT COPY** of sediment and erosion control plans and permits approved by the local Soil Conservation District and **written confirmation** of appropriate zoning.

<u>Permit or Approval</u>	<u>Permit number</u>	<u>Date issued</u>	<u>Expiration date</u>
Minimum Requirements			
a) Soil Conservation District	_____	_____	_____
b) Zoning	_____	_____	_____
c) Small Pond Approval	_____	_____	_____
Other Approvals:			

(Section V.) Is only to be completed for sites that are approved for the use of explosives)

V. BLASTING PROCEDURE:

23) Describe the basic elements of the production blasting procedure to be utilized at this site.

- a) Blast hole diameter:

- b) Bench Height:

- c) Stemming Height:

- d) Burden:

- e) Spacing:

- f) Stemming Type:

24) State the average number of holes and rows in a typical blast and the average amount of explosive used per delay.

25) What is the typical frequency of blasting for?

Production:

Toe Shots:

Strip Shots:

How are oversize boulders handled?

Note: A written log must be maintained by the driller and presented to the blaster in charge prior to loading any holes.

26) Describe how the blasts will be monitored for air blast and ground vibration.

27) Will there be any blasting conducted within:

a) 1,000 feet of (check all that apply)

Church Occupied dwelling Hospital

School Nursing facility N/A

b) 100 feet of (check all that apply)

Public Road Property Line N/A

c) 500 feet of (check all that apply)

Disposal well Petroleum or gas storage facility

Public water well or
Water storage facility Fluid transmission lines

Sewer Line

Underground/deep mine

N/A

I hereby certify that all information contained in the application and Mining and Reclamation Plan is true and correct to the best of my knowledge and that any willful misrepresentation of facts will be a violation of Title 15, Subtitle 808 of the Environment Article, Annotated Code of Maryland, as amended, and may be cause for penalty provided in the aforesaid section.

By submission of this application I hereby accept the responsibility of conducting the operation in accordance with the approved Mining and Reclamation Plan and maps, the conditions of the permit, and any applicable law and regulations.

Typewritten Name and Title

Original Signature

Date