

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**

Land Management Administration • Minerals, Oil & Gas Division

1800 Washington Blvd Suite 655 • Baltimore, Maryland 21230

410-537-3557 • 800-633-6101 x3557 • [www.mde.state.md.us](http://www.mde.state.md.us)

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**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



**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.

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

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

**The application shall be accompanied by filing fees as follows:**

ORIGINAL APPLICATION:

- 1) New Acreage Fee - \$18.50 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 - \$150
- 2) If the modification involves additional acreage, see 1 through 3 under ORIGINAL APPLICATION above.

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  
Mining Program, Suite 655  
Baltimore, MD 21230-1708  
Telephone (410) 537-3557  
Fax (410) 537-3573

Permit Number: \_\_\_\_\_

Check Number: \_\_\_\_\_

**FEE SCHEDULE**

**Instructions:** Complete the applicable section below and mail a copy of this application with the necessary fees to Department of the Environment: Mining Program P.O. Box 1417 Baltimore, MD 21203. All subsequent documents should be mailed to 1800 Washington Blvd. Suite 655 Baltimore, MD 21230.

**ORIGINAL APPLICATION** **Amount Remitted**

- 1) New Acreage Fee \$ 18.50 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: \$ 150.00 TOTAL = \$ \_\_\_\_\_

**MODIFICATION APPLICATION- ADDING NEW ACREAGE**

- 1) Modification Fee: \$ 150.00 \_\_\_\_\_
  - 2) New Acreage Fee: \$ 18.50 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

**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).

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>
<b>Minimum Requirements</b>			
a) Soil Conservation District	_____	_____	_____
b) Zoning	_____	_____	_____
c) Small Pond Approval	_____	_____	_____
<b>Other Approvals:</b>			

**(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.

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Typewritten Name and Title

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Original Signature

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Date