



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF MINING PROGRAMS

## Instructions for Completing Small Noncoal (Industrial Minerals) Surface Mine Permit Application

### GENERAL INFORMATION

1. The following information is provided to assist the applicant in completing this application. Please read these instructions prior to completing the application.
2. Complete the application by using the text form fields, typing or printing clearly. If additional space is required to provide information, attach an 8½" X 11" sheet of paper appropriately labeled with the Section number.
3. One original and two copies of this application must be completed and submitted to the appropriate Pennsylvania Department of Environmental Protection District Mining Office (DMO).

The DMO will accept an electronic application for an acceptance review. Once the review is complete, one original and two copies of the application must be submitted with all the original information, signature(s) and fees.

4. A paper version of the application is available from the DMO's listed below or an electronic version can be obtained at the PADEP eLibrary site:  
<http://www.PADEPgreenport.state.pa.us/elibrary/GetFolder?FolderID=3706>

### SECTION A. APPLICANT INFORMATION

- **Applicant Name:** The applicant's name must be identical with the name shown on the Surface Mining Operator's License.
- **Address, Telephone Number, Email:** The legal mailing address of the applicant and the daytime telephone number must be included on the application. Do not use abbreviations for the city name. List an email address that is checked regularly.
- **Surface Mining Operator's License Number:** The applicants' current mining license number must be included on the application. If you do not have a Surface Mining Operator's License, submit permit application "*Mining License, Contract Operator Approval and Ownership and Control Registration*" (5600-PM-BMP0025) to the PADEP Bureau of Mining Programs. All questions concerning the licensing process should be directed to the PADEP Bureau of Mining Programs.

A Small Noncoal Operators License will permit you to mine up to 2,000 tons per calendar year. A Large Noncoal Operators License will permit you to mine up to 10,000 tons per calendar year under this Small Noncoal Surface Mine Permit application.

If you have applied for a license and it has not been issued, check the box for currently pending. Note, no permit will be issued without the license.

- **Subcontractor:** Check whether a subcontractor will be used to mine this site. List the subcontractor's name, address and mining license number if applicable.

### SECTION B. DESCRIPTION OF ACTIVITY

- **Mine Name:** Include the name of the proposed mine.
- **Type of Mining Activity:** Check the appropriate box(es) which identify the noncoal mining activities proposed under this application.
- **Type of Stone / Mineral Mined:** Check the appropriate box(es) which identify the mineral products to be extracted for production Do not include materials which will be saved onsite to reclaim the mining operation (e.g., overburden or topsoil).
- **Height of Highwall(s).** The topmost highwall cannot exceed a maximum of 35 feet high in height (accounting for topographic variations) with all successive highwalls being no more than 25 feet in height between benches.

### SECTION C. SITE INFORMATION

- **Name(s) of Receiving Stream(s):** Identify the name(s) of the stream(s) which will receive drainage as well as the nearest stream location down slope from the proposed mine site. Use stream names as they appear on the United States Geologic Survey (USGS) topographic quadrangle map. If a stream is not identified, list it as an "*unnamed tributary to*" the first named stream into which it flows.
- **USGS Quad and Location of Operation:** Indicate the municipality and county of the proposed mine site, the name of the 7½ minute United States Geological Survey (U.S.G.S.) topographic quadrangle map and the location of the proposed mining operation.
- **Acres to Be Affected:** Indicate the acreage for extraction area, support area, and access road area. Small noncoal permits are limited to 5 acres total excluding the acreage of the access road that is necessary to connect the mining area to a public roadway. A road must be bonded if its sole use is to access this permit area, therefore, the total permit area maybe larger than 5 acres.



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- **Depth of Mining:** List the thickness (in feet) of topsoil, overburden, and the mineral to be mined.
- **Maximum Annual Production for this Site:** Check the maximum annual production for the site. As noted in Surface Mining Operator's License Number section, a Large Noncoal Operators License is required in order to mine up to 10,000 tons.
- **Onsite Processing Activities:** Check whether processing activities will or will not be performed on this site. If yes, check which type(s) of processing activities will be used and attach a written narrative describing the activities. Air quality approval may be required as per §77.108(e)(6).
- **Acres to be Bonded:** List the total acres (including access / haul road) to be bonded at any time. Round the acreage to the nearest tenth of an acre.
- **Name and Address of Landowner:** Enter the name(s) and address(es) of the owner(s) of the property to be affected.
- **Consent of Landowner Form (5600-FM-BMP0050):** "Contractual Consent of Landowner" forms must be submitted for all properties (including properties used for access and stockpiling) as well as recorded with the Recorder of Deeds in the county where the property is located.

One form should be submitted for **each** tract of land that will be affected by the operation. Make sure all spaces within the body of the document have been filled in. If there are additional provisions that need to be added to the consent form, they should be included in the box provided. All additional provisions need to be initialed and dated by all concerned parties. If no provisions are to be added, the box should be completely crossed out to prevent later additions.

A map (e.g. tax map) that shows the tract of land to be mined and the consent area (shown by crosshatched lines) must be attached to the consent form to identify the parcel. The landowner must sign off on this map.

- **Local Land Use and Zoning:** The PADEP will consider local land use and zoning ordinances in its permit decision process. The applicant must complete and submit the Small Noncoal Land Use Questionnaire (5600-FM-BMP0472). In addition, the applicant must solicit input from the Municipality and County regarding compliance with local land use, land use policies and conditional use or zoning variances.

Submit a copy of the Municipality Land Use Letter and County Land Use Letter with a copy of the certified return receipt attached to the letters. Also submit copies of any response letters you receive from the local municipality and/or county confirming the site

follows land use policies or an approved conditional use or a zoning variance. Sample letters are attached to these instructions.

- **7½-Minute USGS Maps:** Submit three original 7½-minute USGS topographic quadrangle maps with the location of the proposed mine site outlined and the access road identified. Topographic quadrangle maps may be obtained online.
- **Aerial Photo or Map:** Submit three clear copies of an aerial photo (such as a Farm Services Agency photo) with a scale of 1 inch = 660 feet or other appropriate scale or submit three enlargements of a 7½ minute USGS topographic map showing the limits of the proposed surface mine site at a scale of 1 inch = 400 feet. The limits of the mine site and the area of mineral extraction should be identified on the maps or photos. Farm Services Agency photos can be obtained at your local Conservation District Office.
- **Groundwater:** Indicate if groundwater will be encountered by the operation.
- **Erosion Control Measures:** Complete the erosion control plan on Exhibit 1 or provide an alternate erosion control plan.
- **Fugitive Dust Control:** Check the type(s) of dust controls methods planned for the site including a description of when and how the controls will be used.
- **National Pollutant Discharge Elimination System:** If you will have 1.0 acres or more disturbed at any time, you must obtain a National Pollutant Discharge Elimination System (NPDES) permit.

If the mine site meets the following three conditions, you may apply for coverage under an NPDES General Permit. Complete and submit the *Notice of Intent for Coverage Under the NPDES General Permit (BMPGP-104) for Stormwater Discharges Associated with Mining Activities* (5600-PM-BMP0008):

1. Not within a special protection watershed (Exceptional Value (EV) or High Quality (HQ)),
2. The receiving stream is not impaired for sediment, and
3. The main potential pollutant is sediment only.

If the mine site does not meet conditions 1, 2, and 3, an individual NPDES permit is required. Submit the *Application for Individual NPDES Permit Associated with Mining Activities* (5600-PM-BMP0032).

If the mine site is in a special protection watershed, you must submit an *Anti-Degradation Supplement for Mining Permits* (5600-PM-BMP0007) along with the *Application for Individual NPDES Permit* (5600-PM-BMP0032).



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- **Threatened and Endangered Species:** Utilizing the Pennsylvania Natural Diversity Index (PNDI) (<https://conservationexplorer.dcnr.pa.gov/>) determine if any threatened or endangered species and/or critical habitats exist in proximity. List all species that have been identified within or adjacent (within 1,000 feet) to the proposed activity site. Include species and habitats listed by the U.S. Department of the Interior under the endangered Species Act of 1973, the PA Game Commission, or the PA Fish and Boat Commission.

For any listings, describe measures to be taken so that the proposed activities will not affect the continued existence of threatened or endangered species or result in the destruction or adverse modification of their actual habitats.

- **Distance limitations.** Check the appropriate box for required distance limitations. If a support area or the expansion of a pit is within any of the Title 25 Pa. Chapter 77.504(a) (Distance Limitations and Areas Designated as Unsuitable for Mining) barrier areas, provide documentation showing the requirements of Title 25 Pa. Chapter 77.504(b) will be met. If the access/haulage road will cross a perennial or intermittent stream, apply for a stream variance using the Large Noncoal (Industrial Minerals) Mine Permit application's Module 14: Streams/Wetlands form (5600-PM-BMP0315-14) or an applicable General Permit. If there are questions concerning this section, contact the appropriate PADEP DMO.
- **Blasting:** If blasting will be conducted, submit the "Small Non Coal Blasting Plan" (5600-FM-BMP0086) prior to any blasting. Written approval must be obtained before blasting occurs. Blasting requirements of §77.108(e)(11) apply.
- **Revegetation Plan:** Check the type of plants to be planted on this area upon completion. If "other", please specify what will be used. Complete the revegetation schedule on Exhibit I. If more than 1.0 acre of mineral extraction area will be unreclaimed at any time an alternative reclamation plan (form attached) must be submitted with the application.
- **Type of Reclamation:** Check the type of reclamation which will be used on this site. If "other" is checked, please describe further.
- **Reclamation Bond Calculations:** Include the bond calculation form. The DMO will confirm the bond amount and request the bond prior to permit approval.

For the most current reclamation bond rates view PADEP's Bureau of Mining Program's website at <https://www.dep.pa.gov/Business/Land/Mining/BureauofMiningPrograms/Bonding/Pages/BondRates.aspx>

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#### SECTION D. APPLICATION FEE

- Determine the permit application fee for the activities proposed and provide a check payable to the "Commonwealth of Pennsylvania" for the total amount.

For the most current application fees, refer to PADEP's Bureau of Mining Program's website at <https://www.PADEP.pa.gov/Business/Land/Mining/BureauofDistrictMining/Pages/Fees.aspx>.

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#### SECTION E. CERTIFICATION

- **Certification and Signature:** This block must contain the signature of the applicant or responsible official to certify the contents of the application. Place the corporate seal in certification block if applicable. In addition to the certification for the application contents the applicant or responsible official must sign the appropriate Production Certification block.
- **Affidavit:** This block is to be completed by a notary public.



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**PADEP DISTRICT MINING OFFICES AND BUREAU OF MINING PROGRAMS**

**Cambria District Mining Office**

286 Industrial Park Road, Ebensburg, PA 15931  
814-472-1900

Counties: Adams, Bedford, Blair, Cambria, Cumberland, Franklin, Fulton, Huntingdon, Indiana, Juniata, Mifflin, Perry, and Somerset

**Knox District Mining Office**

White Memorial Building, P.O. Box 669, Knox, PA 16232  
814-797-1191

Counties: Beaver, Butler, Clarion, Crawford, Elk, Erie, Forest, Jefferson, Lawrence, McKean, Mercer, Venango and Warren

**New Stanton District Mining Office**

131 Broadview Road, New Stanton, PA 15672  
724-925-5500

Counties: Allegheny, Armstrong, Fayette, Greene, Washington and Westmoreland

**Moshannon District Mining Office**

186 Enterprise Drive  
Philipsburg, PA 16866  
814-342-8200

Counties: Bradford, Cameron, Centre, Clearfield, Clinton, Lycoming, Potter, Snyder, Sullivan, Tioga and Union

**Pottsville District Mining Office**

5 West Laurel Blvd., Pottsville, PA 17901-2522  
570-621-3118

Counties: Berks, Bucks, Carbon, Chester, Columbia, Dauphin, Delaware, Lackawanna, Lancaster, Lebanon, Lehigh, Luzerne, Monroe, Montgomery, Montour, Northampton, Northumberland, Philadelphia, Pike, Schuylkill, Susquehanna, Wayne, Wyoming, and York

**Bureau of Mining Programs**

Division of Permitting and Compliance  
Rachel Carson State Office Building  
P.O. Box 8461  
Harrisburg, PA 17105-8461  
717-787-5103



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**SAMPLE COUNTY LAND USE LETTER**

*(Note: This sample letter and form is provided for the convenience of the applicant and the County. It does not prohibit the applicant from using a different template nor does it prohibit the County from submitting a different form of response.)*

Date: \_\_\_\_\_

Dear County Planning Director:

Acts 67, 68 and 127, which amended the Municipalities Planning Code, direct state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities and infrastructure, and specify that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the Municipalities Planning Code. The Pennsylvania Department of Environmental Protection's Policy for Consideration of Local Comprehensive Plans and Zoning Ordinances in PADEP Review of Permits for Facilities and Infrastructure (PADEP's Land Use Policy) provides direction and guidance to PADEP staff, permit applicants, and local and county governments for the implementation of Acts 67, 68 and 127 of 2000.

In accordance with PADEP's Land Use Policy, enclosed please find a Small Noncoal Land Use Questionnaire completed for this project and a County Land Use Letter that is to be submitted with our permit application to PADEP. Please complete the attached form and return within 30 days to:

Name of Applicant: \_\_\_\_\_

Address of Applicant: \_\_\_\_\_

**Please do not send this form to PADEP**, as we must include the County Land Use Letter with our permit application. If we do not receive a response from you **within 30 days**, we shall proceed to submit our permit application to PADEP without the County Land Use Letter. If the County Land Use Letter is not submitted with our permit application, and we provide proof to PADEP that we attempted to obtain it, PADEP will assume there are no substantive land use conflicts and proceed with the normal application review process.

If you have any questions, please do not hesitate to contact me at (phone number and/or email).

Sincerely,

Attachment – Sample County Land Use Letter



**SAMPLE COUNTY LAND USE LETTER**

*(Note: This sample letter and form is provided for the convenience of the applicant and the County. It does not prohibit the applicant from using a different template nor does it prohibit the County from submitting a different form of response.)*

Date: \_\_\_\_\_

To: Pennsylvania Department of Environmental Protection, \_\_\_\_\_ District Mining Office

From: \_\_\_\_\_ County Planning Agency/Commission

Re: \_\_\_\_\_ (Name of PADEP Permittee)

The County of \_\_\_\_\_ states that it:

Yes, has adopted a county or multi-county comprehensive plan.

If yes, please provide date of adoption: \_\_\_\_\_

No, has not adopted a county or multi-county comprehensive plan.

*If applicable:*

The above referenced project:

\_\_\_\_\_ is consistent with the adopted county or multi-county comprehensive plan.

\_\_\_\_\_ is not consistent with the adopted county or multi-county comprehensive plan.

Additional Comments:  Yes  No (attach additional sheets if necessary)

Submitted by (print name): \_\_\_\_\_

Title: \_\_\_\_\_

Contact Information (Address & Phone): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**SAMPLE MUNICIPAL LAND USE LETTER**

*(This sample letter and form is provided for the convenience of the applicant and the Municipality. It does not prohibit the applicant from using a different template nor does it prohibit the Municipality from submitting a different form of response.)*

Date: \_\_\_\_\_

Dear Municipal Secretary:

Acts 67, 68 and 127, which amended the Municipalities Planning Code, direct state agencies to consider comprehensive plans and zoning ordinances when reviewing applications for permitting of facilities and infrastructure and specify that state agencies may rely upon comprehensive plans and zoning ordinances under certain conditions as described in Sections 619.2 and 1105 of the Municipalities Planning Code. The Pennsylvania Department of Environmental Protection’s Policy for Consideration of Local Comprehensive Plans and Zoning Ordinances in PADEP Review of Permits for Facilities and Infrastructure (PADEP’s Land Use Policy) provides direction and guidance to PADEP staff, permit applicants, and local and county governments for the implementation of Acts 67, 68 and 127 of 2000.

In accordance with PADEP’s Land Use Policy, enclosed please find a Small Noncoal Land Use Questionnaire completed for this project and a Municipal Land Use Letter that is to be submitted with our permit application to PADEP. Please complete the attached form and return within 30 days to:

Name of Applicant: \_\_\_\_\_

Address of Applicant: \_\_\_\_\_

**Please do not send this form to PADEP**, as we must include the Municipal Land Use Letter with our permit application. If we do not receive a response from you **within 30 days**, we shall proceed to submit our permit application to PADEP without the Municipal Land Use Letter. If the Municipal Land Use Letter is not submitted with our permit application, and we provide proof to PADEP that we attempted to obtain it, PADEP will assume there are no substantive land use conflicts and proceed with the normal application review process.

If you have any questions, please do not hesitate to contact me at (phone number and/or email).

Sincerely,

Attachment – Sample County Land Use Letter

cc: /township supervisor chair

**SAMPLE MUNICIPAL LAND USE LETTER**

*(This sample letter and form is provided for the convenience of the applicant and the Municipality. It does not prohibit the applicant from using a different template nor does it prohibit the Municipality from submitting a different form of response.)*

Date: \_\_\_\_\_

To: Pennsylvania Department of Environmental Protection

\_\_\_\_\_ District Mining Office From: \_\_\_\_\_ Township/Borough/City

Re: \_\_\_\_\_ (Name of PADEP Permittee)

The municipality of \_\_\_\_\_ states that it:

- \_\_\_\_\_ has adopted a municipal or multi-municipal comprehensive plan.  
If yes, please provide date of adoption: \_\_\_\_\_
- \_\_\_\_\_ has not adopted a municipal or multi-municipal comprehensive plan.

The municipality of \_\_\_\_\_ states that it:

\_\_\_\_\_ has adopted a county zoning ordinance, or a municipal or joint-municipal zoning ordinance.  
 \_\_\_\_\_ has not adopted a county zoning ordinance, or a municipal or joint-municipal zoning ordinance.

**If applicable:**

The municipality of \_\_\_\_\_ states that its zoning ordinance is generally consistent with its municipal comprehensive plan and the county comprehensive plan.

The above referenced proposed project \_\_\_\_\_ meet the provisions of the local zoning ordinance

If zoning approval is required for the project to proceed, the above referenced project:

\_\_\_\_\_ has received zoning approval.  
 \_\_\_\_\_ has not received zoning approval.

**If the proposed project has not received zoning approval:**

What is the status of the zoning request for the proposed project? \_\_\_\_\_

(e.g., Special Exception Approval from the Zoning Hearing Board required, Conditional Use approval from the Governing Body required)

Is there a legal challenge by the applicant with regard to zoning for the proposed project? \_\_\_\_\_

Name and Contact Information for Municipal Zoning Officer: \_\_\_\_\_

Additional Comments \_\_\_\_\_ (attach additional sheets if necessary):

Submitted By (print name): \_\_\_\_\_

Title \_\_\_\_\_

Contact Information (Address & Phone): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_



**Alternative Concurrent Mining and Reclamation Plan**  
**[§77.108(e)(4)]**

The proposed mining operation will progress in a \_\_\_\_\_ direction.

The affected area will be no more than \_\_\_\_\_ maximum pit acreage acres and the mine pit will conform to the dimensions shown on the attached schematic.

Topsoil and subsoil will be stripped from the initial mining area and will be segregated and placed in a stabilized stockpile.

Safety benches will be developed at \_\_\_\_\_-foot intervals as needed.

The maximum depth of mining (highwall height) will be \_\_\_\_\_ feet.

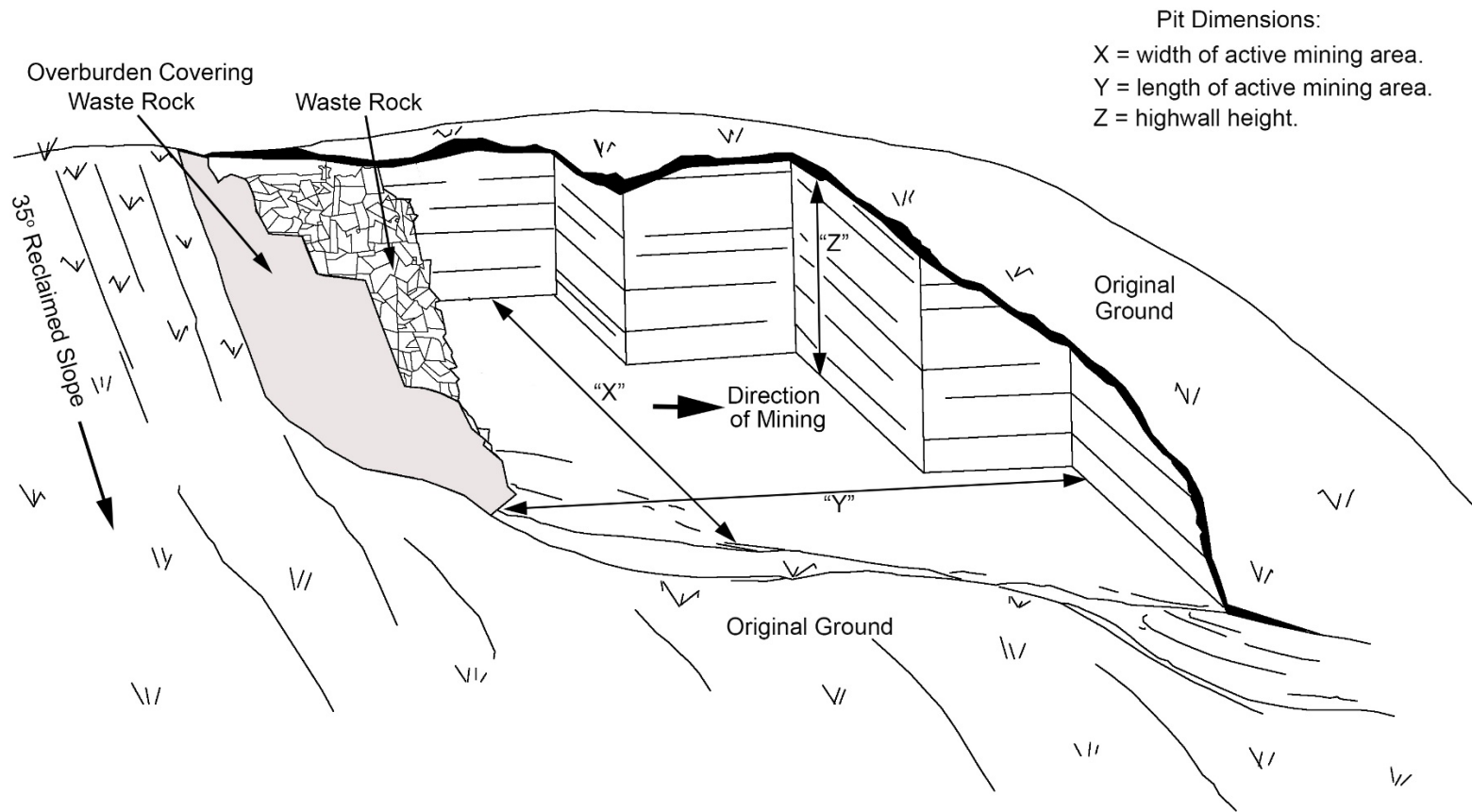
The area will be mined using the following equipment: \_\_\_\_\_.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Reclamation on the proposed permit will be concurrent with mining. As the mining advances laterally, overburden material will be placed behind the active mining area until a uniform 35-degree slope has been formed between the top of the highwall and the pit floor. Overburden material will be placed in a concurrent manner to ensure that the mine pit and affected area remain within the proposed dimensions and are in compliance with this alternative concurrent reclamation plan.

Topsoil that was segregated will be placed on top of the overburden and seeded.

### Diagram Showing Concurrent Reclamation.



Pit Dimensions:  
 X = width of active mining area.  
 Y = length of active mining area.  
 Z = highwall height.

I will keep open pit mining to a maximum width of \_\_\_\_\_ feet and a maximum length of \_\_\_\_\_ feet.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Draft for discussion purposes only

## Small Noncoal (Industrial Minerals) Surface Mine Permit Application

Before completing this form, read the instructions provided with this permit application package.

SECTION A. APPLICANT INFORMATION	
<b>Applicant Name:</b> _____	<b>Telephone Number:</b> _____ <b>Email:</b> _____
<b>Mailing Address:</b> _____ _____ _____ _____	<b>License Number:</b> _____ <input type="checkbox"/> Pending
<b>Subcontractor:</b> Will a subcontractor mine the site? <input type="checkbox"/> Yes <input type="checkbox"/> No      License Number: _____ <b>Name:</b> _____ <b>Address:</b> _____ _____	
SECTION B. DESCRIPTION OF ACTIVITY	
<b>Mine Name:</b> _____	
<b>Type of Mining Activity:</b> <input type="checkbox"/> Bank <input type="checkbox"/> Pit <input type="checkbox"/> Quarry <input type="checkbox"/> Strip <input type="checkbox"/> Other _____	
<b>Type of Stone/Minerals Mined:</b> <input type="checkbox"/> Bluestone <input type="checkbox"/> Sand & Gravel <input type="checkbox"/> Topsoil <input type="checkbox"/> Shale <input type="checkbox"/> Sandstone <input type="checkbox"/> Limestone <input type="checkbox"/> Other _____	
<b>Maximum Height of Highwall:</b> _____ feet. (not to exceed 35 feet.) (provide a cross-section depicting the highwall and bench heights and widths over 25 ' height)	
SECTION C. SITE INFORMATION	
<b>1. Name(s) of Receiving Stream:</b> _____ Chapter 93 Classification: _____ <b>Tributary to:</b> _____	
<b>2. Location of Operation (directions from major roads):</b> _____	
<b>3. USGS Quad:</b> _____	
<b>Latitude:</b> _____ / _____ / _____" <u>Or Decimal Degree:</u> <b>Latitude:</b> _____ <b>Longitude:</b> _____ / _____ / _____" <b>Longitude:</b> _____	
<b>County:</b> _____	<b>Municipality:</b> _____
<b>4. Acres to Be Affected:</b> _____ Acres extraction (pit / highwall) _____ Acres support area (spoil or topsoil storage, Erosion & Sedimentation controls, equipment area) _____ Total acres extraction and support ( <b>cannot exceed 5 acres</b> ) _____ acres of access road	<b>5. Depth of Mining:</b> Topsoil/subsoil: _____ feet. Overburden: _____ feet. Mineral Mined: _____ feet. <b>TOTAL DEPTH:</b> _____ feet.
<b>6. Maximum Annual Production for This Site:</b> <input type="checkbox"/> 2,000 tons <input type="checkbox"/> 10,000 tons	

**SECTION C (continued)**

**7. Onsite Processing Activities:**

Will processing activities be performed on this site?  Yes  No

Check applicable box(es)

Crushing  Sorting  Cutting or shaping  Screening  Washing / cleaning  Other \_\_\_\_\_

**8. Reclamation Bond Calculations**

Complete and submit the Bond Calculation form for Small Noncoal Activities (5600-FM-BMPxxxx).

After the application review is complete, the Department will contact the operator with a bond request for the reclamation cost amount. Do not submit a bond with this application.

**9. Name and Address of Landowner(s)** *Attach additional sheet if necessary.*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Provide Consent of Landowner Forms (5600-FM-BMP0050) for each affected property.**

Were the Consent of Landowner Forms (5600-FM-BMP0050) recorded with the Recorder of Deeds in the County where the property is located?  Yes  No

If No, explain why not: \_\_\_\_\_

Consent form(s) attached

**10. Local Land Use and Zoning:**

Small Noncoal Land Use Questionnaire (5600-FM-BMP0472) submitted?  Yes  No

Was input solicited / submitted from the Municipality and County regarding compliance on the following:

Local land use?  Yes  No

Compliance with land use policies?  Yes  No

Approved conditional use(s) or zoning variances?  Yes  No

**Please include Municipality and County information with your application.**

**11. Maps:**

Provide two (2) original 7-1/2 minute USGS maps showing the location of the proposed surface mine site including haul roads.

**12. Areal Limits of Proposed Mine:**

Attach either three (3) clear copies of an aerial photo (e.g., Farm Services Agency) (1" = 660' or other appropriate scale) or three (3) 7 1/2 minute USGS quadrangle map blow-ups (scale 1" = 400') showing the limits of the proposed surface mine site, the area of mineral extraction, and haul roads.

**13. Groundwater:**

Will this operation encounter groundwater?  Yes  No  Unknown

**14. Erosion Control Measures:**

Complete the Erosion Control Plan on Exhibit 1 or provide an alternate erosion control plan.

**15. Fugitive Dust Control:**

Indicate what methods will be used.

Periodic watering as needed  Maintain low speeds on haul roads  Other (specify) \_\_\_\_\_

**16. National Pollutant Discharge Elimination System:**

Will you have 1.0 acre or more disturbed at any time?  Yes  No

If **yes**, attach a copy of a National Pollutant Discharge Elimination System (NPDES) application. Be sure to include the appropriate fee with your application.

Individual permit  GP-104

**17. Threatened and Endangered Species:**

Include the Pennsylvania Natural Diversity Inventory (PNDI) search results for proposed surface activities.

**18. Is the Proposed Permit Area Within Any of The Following?**

- | Yes                      | No                       |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Within 100 feet (30.48 meters) of the outside line of right-of-way of a public highway.  |
| <input type="checkbox"/> | <input type="checkbox"/> | Within 300 feet (91.44 meters) of an occupied dwelling, house or commercial or industrial building, unless released by the owner thereof. (Attach the notarized waiver by the current owner) |
| <input type="checkbox"/> | <input type="checkbox"/> | Within 300 feet (91.44 meters) of a public building, school or community or institutional building.  |
| <input type="checkbox"/> | <input type="checkbox"/> | Within 300 feet (91.44 meters) of a public park.   |
| <input type="checkbox"/> | <input type="checkbox"/> | Within 100 feet (30.48 meters) of a cemetery.  |
| <input type="checkbox"/> | <input type="checkbox"/> | Within 100 feet (30.48 meters) of the bank of a perennial or intermittent stream.  |
| <input type="checkbox"/> | <input type="checkbox"/> | Within 125 feet (38.1 meters) of an oil or gas well.   |

If the answer to any of the above is 'yes', the applicant must demonstrate compliance with §77.504 (distance limitations) of PADEP regulations. Please contact the PADEP District Mining Office for additional information.

Is the proposed permit area within 1,000 feet (304.8 meters) of a residence that is serviced by a private water supply? Yes  No

Is the proposed permit within 100 feet (30.48 meters) of a wetland? Yes  No

**19. Blasting:**

Will blasting be conducted at this operation:  Yes  No

A blasting plan must be submitted and approved by the PADEP District Mining Office prior to any blasting.

**20. Revegetation Plan:**

Grasses / Legumes  Trees / Shrubs  Other \_\_\_\_\_

Complete the Revegetation Schedule on Exhibit I.

**21. Type of Reclamation:**

Approximate Original Contour  35° Terrace  Other (specify) \_\_\_\_\_

A reclamation bond for the proposed permit area must be provided prior to PADEP approval of a permit. See instructions.

**SECTION D. APPLICATION FEE**

**Application Fee:**

Application and NPDES **fees** are subject to change upon publication in the *Pennsylvania Bulletin*. For the most current application fees, refer to the PA Department of Environmental Protection Bureau of Mining Program's website at <https://www.PADEP.pa.gov/Business/Land/Mining/BureauofDistrictMining/Pages/Fees.aspx>

**Fee submitted** (Permit application + NPDES application + Small noncoal blast plan) \$ \_\_\_\_\_

**SECTION E. CERTIFICATION**

I hereby certify that the information provided in this application is true and correct; that I have the right to remove the mineral; and that the surface mining activities will be conducted in accordance with this application, the authorizing permit, the Noncoal Surface Mining Conservation and Reclamation Act (NSMCRA) and the Clean Streams Law (CSL) and applicable regulations.

Affix Corporate Seal when applicable

Applicant Name \_\_\_\_\_

Applicant Signature (or Responsible Official) \_\_\_\_\_ Date \_\_\_\_\_

**Production Certification - Small** (Small Noncoal Licensee only)

I certify that the total combined production yearly from all my noncoal (industrial mineral) operations will be less than 2,000 tons (1,814 metric tons).

Applicant Signature (or Responsible Official) \_\_\_\_\_ Date \_\_\_\_\_

**Production Certification - Large** (Large Noncoal Licensee Only)

I certify that the total yearly production from this noncoal (industrial mineral) operation will be less than 10,000 tons (9,070 metric tons).

Applicant Signature (or Responsible Official) \_\_\_\_\_ Date \_\_\_\_\_

AFFIDAVIT:  
COMMONWEALTH OF PENNSYLVANIA:

SS: \_\_\_\_\_

COUNTY OF \_\_\_\_\_

SWORN AND SUBSCRIBED TO BEFORE ME THIS \_\_\_\_\_

DAY OF \_\_\_\_\_

(month)

(year)

NOTARY PUBLIC

MY COMMISSION EXPIRES \_\_\_\_\_

\_\_\_\_\_

## EXHIBIT 1

### A. SMALL NONCOAL EROSION CONTROL PLAN

*Do not complete this erosion control plan if a separate erosion control plan approval is obtained from the County Conservation District or an alternate erosion control plan (prepared by a person trained and experienced in erosion control methods and techniques) is submitted with this application.*

Is topsoil found on this site?  Yes  No      Depth \_\_\_\_\_ inches.

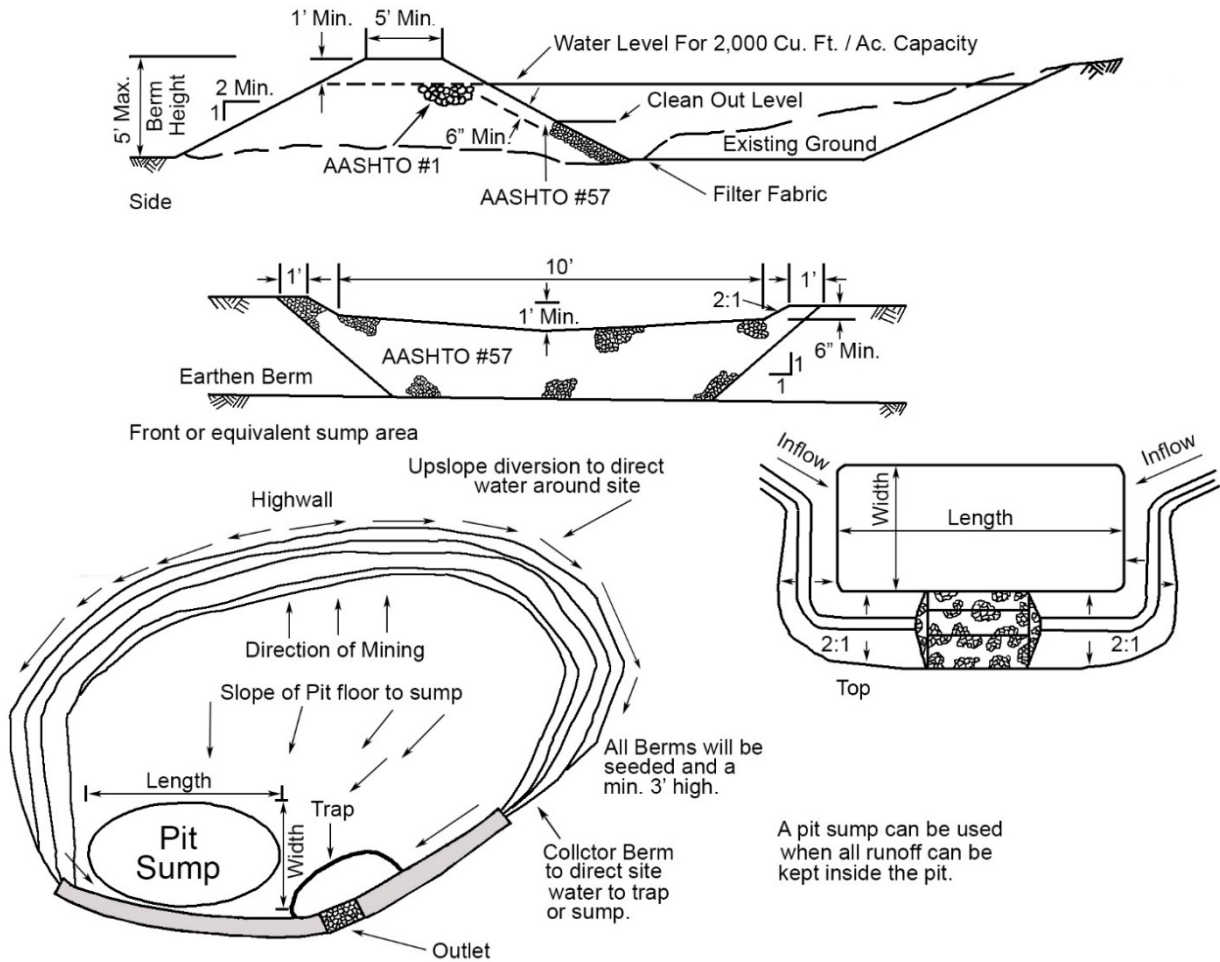
The following provisions and plan will be followed:

#### Provisions:

1. All controls and other necessary structures will be constructed and stabilized within 20 days of activating or reactivating previous operations on the site.
2. Site access roads will be constructed, stabilized and maintained in a manner to prevent accelerated erosion and sedimentation.
3. At a minimum all controls will be inspected weekly and after each runoff event. Necessary repairs and/or maintenance will be performed within 5 working days of the inspection.
4. Pit sumps/sediment traps will be cleaned out when sediment has deposited to 1/3 of the depth of the sump or trap.
5. All controls will be maintained until all the areas draining to them have been adequately stabilized (e.g. 70% minimum uniform perennial vegetative cover).
6. All new stream encroachments/crossings will be submitted as separate plans.
7. Upon completion of mining activities on the entire site or on any portion of the site, the disturbed area shall be immediately seeded, mulched or otherwise protected from accelerated erosion and sedimentation. Revegetation shall be in accordance with Section B.
8. All sumps, traps, roads, berms, diversions, collectors and "non-working" stockpiles will be stabilized immediately upon placement.
9. At the operator's discretion, brush or other vegetation removed from the site may be used as a filter downslope of the site and returned to the site during reclamation to provide shelter/habitat for wildlife.

The applicant agrees to follow these provisions.

## Sediment Trap



### Size of Pit Sump or Trap

Note: A minimum of 2,000 cubic feet of storage capacity per acre of disturbed area is required for a sediment trap.

Depth to Overflow: \_\_\_\_\_ ft.

Bottom Width: \_\_\_\_\_ ft.

Bottom Length: \_\_\_\_\_ ft.

Total Volume: \_\_\_\_\_ cf.

Example:

5.0 acre (maximum) disturbed area x 2,000 cf/ac = 10,000 cubic feet required:

$$\begin{array}{ccccccc}
 4' & \times & 50' & \times & 50' & = & 10,000 \text{ cf} \\
 \text{(depth)} & & \text{(width)} & & \text{(length)} & & 
 \end{array}$$

The applicant agrees to follow these plans.



**B. REVEGETATION SCHEDULE FOR AREA AFFECTED BY SURFACE MINING**

Recommended Mixture <sup>1</sup>		
	Species #1 (Select One)	Seeding rate PLS* (lbs/acre)
<input type="checkbox"/>	Spring Oats	96
<input type="checkbox"/>	Winter Wheat	120
<input type="checkbox"/>	Winter Rye	112
Species #2 (Select One)		
<input type="checkbox"/>	Birdsfoot Trefoil	10
	Timothy	6
	Redtop	3
<input type="checkbox"/>	Orchardgrass	30
	Birdsfoot Trefoil	10
<input type="checkbox"/>	Switchgrass	20
	Birdsfoot Trefoil	10

Alternate Mixture	
Species	Seeding rate PLS* (lbs/acre)

<sup>1</sup> Source: Pennsylvania State University Erosion Control & Conservation Plantings on Noncropland

\*PLS - Pure Live Seed

Lime and fertilizer will be applied in accordance with a soil test.

Mulch (hay or straw) will be applied at a minimum rate of 3 tons/acre.

These plans were prepared with my knowledge and input. I hereby agree to implement, maintain and modify these plans, as necessary, to effectively control erosion and sediment pollution on all areas affected under this permit and to implement revegetation of the areas affected by surface mining.

\_\_\_\_\_  
Applicant Signature

\_\_\_\_\_  
Date