



Date Prepared/Revised
DEP USE ONLY
Date Received

## FORM 11 MINERAL DEPOSITS INFORMATION - PHASE 1

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 11, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General References: Sections 271.201(6), 273.115(a)(7), 273.120, 277.115(a)(7), 277.120

### SECTION A. SITE IDENTIFIER

Applicant/permittee

Site Name

Facility ID (as issued by DEP)

### SECTION B. FACILITY INFORMATION

Facility Name

County

Municipality

### SECTION C. MINERALS/MINING INFORMATION

**Instructions:** If the proposed permit area and adjacent area overlie previous or current coal or noncoal mining operations, a narrative shall be submitted containing sufficient information to evaluate the potential for mine subsidence damage to the proposed facility. The narrative should address the following points and should be submitted on 8 ½ x 11 sheets along with legible copies of any available mine maps.

1. Does the proposed permit area and adjacent area within ¼ mile, overlie previous or current or non-coal mining operations?
2. What mineral has been mined?
3. When did mining occur?
4. Provide maps and plans showing the extent of mining beneath the site, mine workings remaining, and the extent of extractable mineral deposits remaining.
5. The maps must be legible.
6. Include the perimeter of the permit as well as proposed and existing monitoring points and dates on the maps.



**SECTION C. MINERALS/MINING INFORMATION (continued)**

7. Provide the results of a subsurface investigation.
8. Describe the configuration and location of the mining, i.e., depth, method, height of extraction, percent of recovery and relationship to local geology.
9. Provide information on test borings which have encountered the mine workings.
10. Determine, if possible, the ratios for original seam height versus current void height.
11. For mining that did not occur immediately beneath the proposed facility, does the calculated angle of draw from the mining indicate that the proposed facility could be affected?
12. If all mining activity beneath the site has not been incorporated into the geologic cross sections required under Section 273.114, at least two geologic cross sections which show the mine workings are required. The cross sections should clearly indicate the location of the waste disposal site in relation to the mine workings.
13. What is the maximum potential for subsidence at this site?
14. What design measures have been incorporated into the design to mitigate the potential for adverse impacts on the environment and the integrity of the facility?
15. Does the proposed permit area and adjacent area overlie unmined, but extractable coal deposits?
16. List the owners of mineral rights for the proposed permit area and all adjacent properties within  $\frac{1}{4}$  mile.
17. Does the applicant own the underlying coal rights for the proposed permit area, as well as rights for coal in adjacent areas necessary to provide support for the facility? If yes, the applicant must provide written certification that the coal will not be mined as long as waste remains on the site.
18. If the coal rights are not owned by the applicant, provide a copy of the agreement (refer to 273.120 or 277.120) that demonstrates that coal providing support will not be mined as long as waste remains on the site.