

1501:14-1-12 **Maps: general requirements, uniform color code and map symbols.**

- (A) Maps shall be submitted along with permit applications, renewal applications, and annual and final reports, as required by Chapter 1514. of the Revised Code and these rules, except that a map need not be submitted along with the annual report if there has been no affectment of the land surface or the mining area has not expanded laterally during the year, and no additional affectment of the land surface or lateral expansion of the mining area is expected during the next year.
- (B) All acreage figures required to be reported or estimated by Chapter 1514. of the Revised Code or these rules shall be to the nearest one-tenth of an acre.
- (C) All maps required by Chapter 1514 of the Revised Code and these rules shall conform to the following standards:
- (1) The map shall be submitted in triplicate, except that at the time of initial filing of an application for a surface mining permit, only ~~one copy~~ two copies of the application map need be submitted;
 - (2) The north direction shall be at the top of the map. The north direction shall be designated by an arrow in the upper left hand corner of the map;
 - (3) The scale of the map shall be either one inch equals one hundred feet, one inch equals two hundred feet, one inch equals three hundred feet, or one inch equals four hundred feet, as is sufficient for the map to show the requirements of division (A)(11) of section 1514.02 of the Revised Code;
 - (4) The contour interval of the map shall be either two feet, five feet, ten feet, or twenty feet, as is adequate to show the topographic relief of the proposed area;
 - (5) The quadrangle sketch, not to exceed six inches by six inches, shall be placed in the upper right hand corner of the map and shall have sufficient landmarks to locate the permit area or the proposed permit area, and include the name of the quadrangle utilized;
 - (6) A legend shall be placed below the quadrangle sketch, which legend shall utilize the symbols described in paragraph (F) of this rule;
 - (7) A notarized certification shall be made by the preparer of the map. This certification shall be placed below the legend and shall read: "I, the undersigned, hereby certify that this map is correct, and shows to the best of my knowledge and belief all the information required by the surface mining

laws of the state." The certification shall be signed and attested before a notary public; and

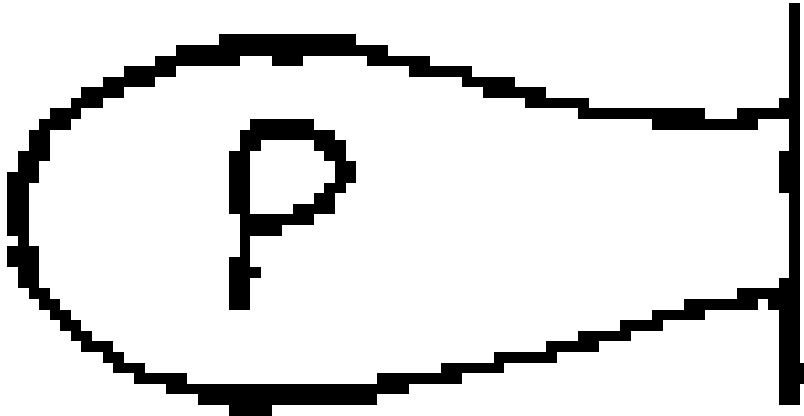
- (8) A title block shall be placed in the lower right hand corner of the map, and shall contain the following information if applicable:
- (a) The title of the map, i.e. application, amendment, renewal, annual, progress, final, or reclamation;
 - (b) The name of the applicant or permittee;
 - (c) The permit number;
 - (d) The township and range designation;
 - (e) The location coordinates of the approximate geographical center of the proposed or existing permit site. Such coordinates shall be given in state plane coordinates, derived from the appropriate 7.5 minute U.S.G.S. topographic map, or latitude and longitude;
 - (f) The name of the township and county;
 - (g) The section, lot, or survey numbers;
 - (h) The scale and contour interval of the map;
 - (i) The date ~~on which~~ when the map was prepared or, when applicable, the dates when it was prepared and revised; and
 - (j) The municipal corporation.
- (D) In addition to the requirements of paragraph (C) of this rule, all annual maps, final maps, and renewal maps shall contain:
- (1) A summary, by mining area and for the permit area, in the chronological order in which it occurred, the number of acres affected to date and the number of acres to be reclaimed;
 - (2) A listing, for each mining area and for the permit area, of the acres estimated to be affected during the next year; and
 - (3) A listing for the permit area of: the acres that have had a grading release but not a planting release; and the acres that have had a planting release; the acres that have had a total bond release; and the acres previously released that are now reaffected.

(E) All maps required by Chapter 1514. of the Revised Code or these rules shall utilize the following uniform color code:

- (1) The proposed or existing permit area shall have its perimeter designated with a solid black line highlighted in yellow;
- (2) The area proposed in an amendment shall have its perimeter designated by a solid black line, and shall have its area shaded yellow, and the perimeter of the existing permit area shall be designated by a solid black line highlighted in yellow;
- (3) The perimeter of the cumulative area actually affected shall be designated by a solid orange line;
- (4) The perimeter of the area to be reclaimed, i.e., area on which mining has been completed during the permit year, shall be designated with a solid red line;
- (5) The perimeter of the area estimated to be affected during the next permit year, including areas to be reaffected, shall be designated by a dashed red line, and the areas to be reaffected shall be shaded in orange;
- (6) Any area which has been shown to be reclaimed on a previous map but has not had a performance bond release shall be shaded pink;
- (7) When more than one mining area exists within a permit area, each shall be identified by name or number;
- (8) The number of the permit year in which an area was reported to be reclaimed, in paragraph (E)(4) of this rule, shall be recorded in such area;
- (9) Any area upon which grading, contouring or terracing, and resoiling has been completed and a performance bond release request is being submitted shall be designated by purple cross-hatching;
- (10) Any area upon which permanent planting or a permanent water impoundment has been completed and a performance bond release request is being submitted shall be designated by green cross-hatching;
- (11) Any area upon which grading has been released, but not planting, shall be shaded purple;
- (12) Any area upon which all performance bond has been released shall be designated by black cross-hatching;

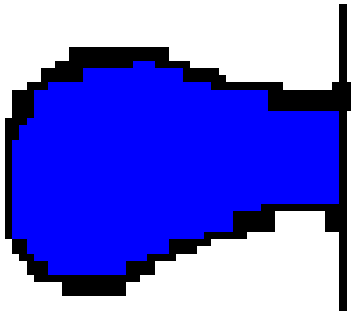
- (13) Any area to be deleted from the permit shall be shaded green;
 - (14) Any area of topsoil, subsoil, or suitable substitute resoiling material storage shall have its perimeter designated with a dashed black line, and the area included therein shall be shaded brown; and
 - (15) Existing and proposed sediment ponds and permanent impoundments shall be shown on the map and identified by name or number.
- (F) All maps and drawings required by Chapter 1514. of the Revised Code or these rules shall utilize the following uniform symbols:

Permanent impoundments



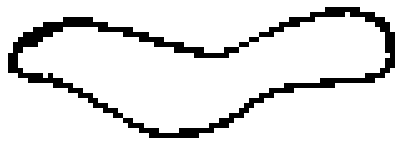
.

Sediment ponds



Shaded Blue

Existing bodies of water



Existing Limits
Highlight Blue

Spillway



SPLWY

Overflow pipe (show inside diameter)



I.D. = 10"

Electric distribution line



Electric transmission line (5kv or greater)

HV



Telephone

TELEPHONE



Gas line

GAS



Oil line

OIL

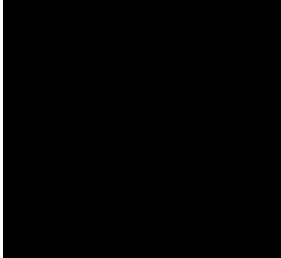


Water line

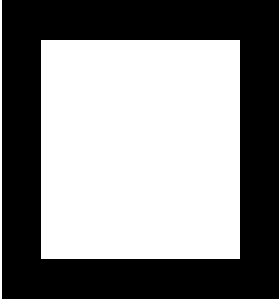
WATER



Occupied building



Unoccupied building



Mineral outcrop line

. #3

(Identify the seam)

Final highwall



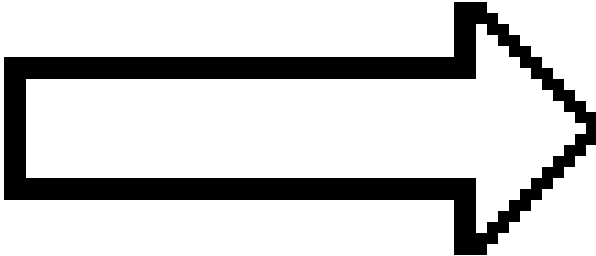
Beginning point

**BEGIN (IF TWO AREAS ARE
TO BE MINED
SIMULTANEOUSLY,
INDICATE BY NUMBER)**

Ending point

END

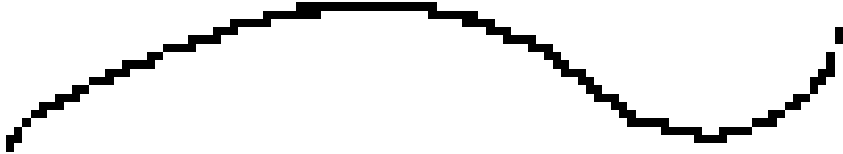
Direction arrow (to show how mining will proceed)



Test holes

⊗ TH# _____ ELEV. _____

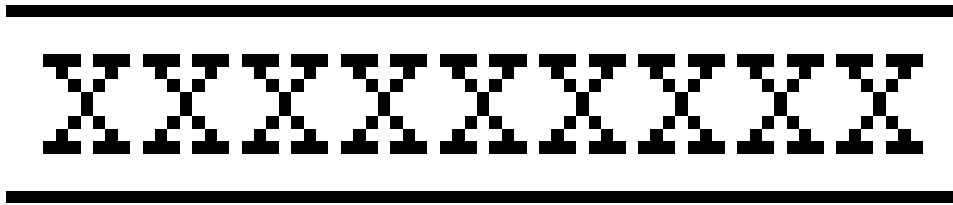
Contour lines



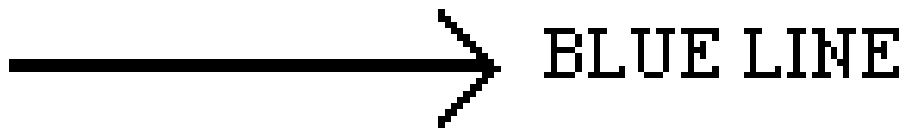
Property lines



Dike



Diversion ditch



Natural drainage



Pumped drainage



Natural drainage (intermittent flow)



Haul road



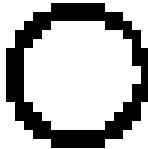
Hard surface road



Gravel road or driveway

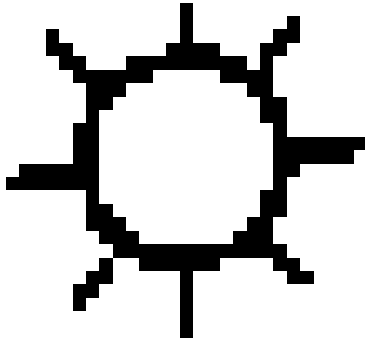


Oil well



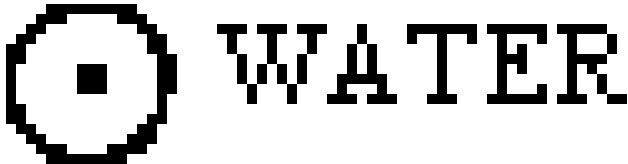
OIL

Gas well

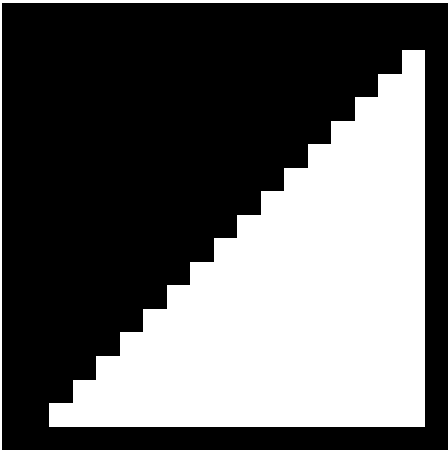


GAS

Water well



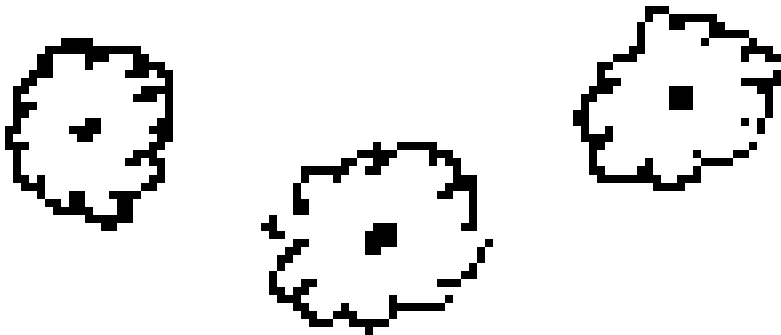
Deep mine shaft



Drift or slope mine entry



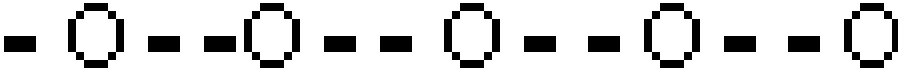
Areas to be planted in trees (only needed if entire area is not to be planted in trees)



Existing highwall or active mining face



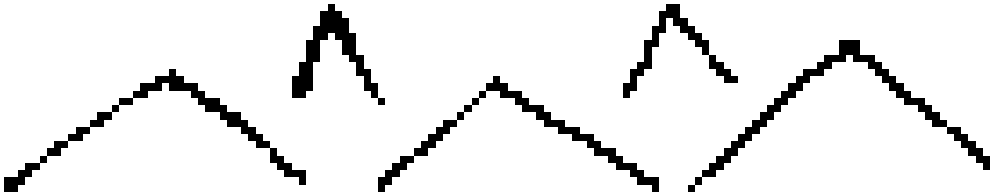
Toe of spoil or overburden



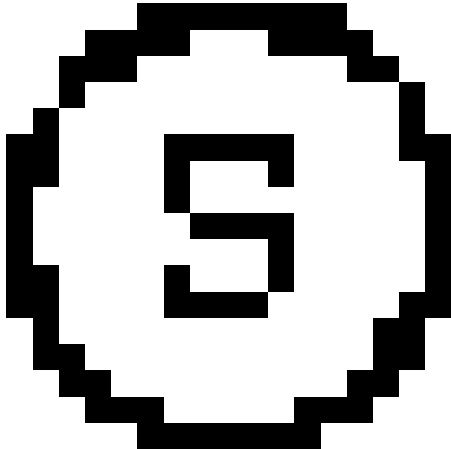
Cross section



Proposed spoil area



Sump



Effective: 12/18/2017
Five Year Review (FYR) Dates: 9/14/2017 and 12/16/2022

CERTIFIED ELECTRONICALLY

Certification

12/07/2017

Date

Promulgated Under: 119.03
Statutory Authority: 1514.08
Rule Amplifies: 1514.05, 1514.03, 1514.021, 1514.02, 1514.011
Prior Effective Dates: 1/15/75, 9/7/96, 10/6/11