

17.24.305 MAPS

(1) This application contains maps including the following information:

	<u>MAP</u>
(a.) Owner(s) of record of surface of land to be affected by the permit. (1" = 1000')	303-1
(b.) Owner(s) of record of all subsurface minerals of the land to be affected by the permit. (1" = 1000')	303-1
(c.) Boundaries of land applicant has legal right to enter and mine. (1" = 1000')	303-1
(d.) Boundaries of area proposed to be affected over the estimated total life of the proposed mining operations. (1" = 1000')	303-1 & 308-1
(e.) Names and locations of roads, buildings oil and gas wells, pipelines, utility lines, and deep and surface mining on permit area or within 1,000 feet. (1" = 1000')	308-2, & 308-2A
(f.) Location of reference area.	304(9)-14
(g.) Locations of surface water intakes for current users of surface water flowing into, out of, and within a hydrologic area are discussed in 17.24.325(2)a.(iii).	304(5)-2
(h.) Boundaries of public parks, cultural resource listed in the National Register of Historic Places, and known archaeological sites.	304(2)-1
(i.) Location of area within boundaries of the National System of Trails or the Wild and Scenic River System.	N/A
(j.) Location of lands affected throughout the operation (1" = 1000', 1" = 400', and 1" = 100', respectively)	313-2-1 to -4 308-2 & 308-2A
(k.) Location of the area to be affected. operation (1" = 1000', 1" = 400', and 1" = 100', respectively)	308-1a 308-2 & 308-2A

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| (l.) | Location of each area of land for which a performance bond will be posted. (1" = 400' & 1" = 100', respectively) | 313-1 |
| (m.) | Location of mineral storage, cleaning, and loading area. Topsoil, spoil, coal waste, and non-coal waste storage area. (1" = 400' & 1" = 100', respectively) | 308-2 &
308-2A
901-1 |
| (n.) | Elevations and locations of surface water and groundwater monitoring stations. (1" = 2000') | 304(5)-1
304(5)-2 |
| (o.) | The location of all water diversion, collection, conveyance, treatment, storage, and discharge facilities associated with the proposed mining. (1" = 100') | 314-1 &
314-2 |
| (p.) | Location of each air pollution collection and control facility. | 308-2 &
3082A |
| (q.) | Location of waste source and waste disposal facility. (1" = 400') | 308-2 &
308-2A
901-1 |
| (r.) | Location of enhancement facilities for fish and wildlife, and postmining revegetation communities. (1" = 400') | 313-4 |
| (s.) | Location of explosives storage and handling facilities. (Explosives stored off-site by contract blaster.) (No explosives stored on-site). | Not applicable |
| (t.) | Location of permanent sedimentation ponds and excess spoil disposal areas associated with the proposed mining activities | 308-2 &
308-2A
901-1 |
| (u.) | The date each map was prepared, north arrow, legend, scale, contour interval, township, range and section numbers are shown on every map. | |
| (v.) | Universal Transverse Mercator grid ticks are on hydrology map. | 304(5)-2 |
| (w.) | Location of final surface and underground water drainage; direction and volume of flow, constructed drainways, natural waterways, and streams and tributaries receiving discharge. (1" = 400') | 313-3-1
313-3-2
313-3-3 &
313-3-4 |
| (x.) | Locations of test boring holes. (1" = 2000') | 304(6)-1 |

- (y.) Locations of geologic cross sections. 304(6)-1
(1" = 2000')
- (z.) Location of subsurface water, surface 304(5)-2
waters (including springs). (1" = 2000') 304(6)-6

(2) All maps have been prepared in accordance with the following:

(a) Each map containing information pursuant to (1) has been certified, signed and notarized, as follows: "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 mining laws of this state."

(b) (i through ii)

Maps, plans and cross-sections required under (1)(d), (l), (e), (j), (k), (l), (m), (o), (p), (q), (s), (t), (x), and (z) have been prepared by, or under the direction of, and certified by a qualified licensed professional engineer, with assistance from experts in related fields.

(c) All maps have been prepared so that all detail is clearly legible.

(3) Maps other than those outlined in (1) and (2) necessary to meet the requirements of this rule or other rules adopted pursuant to the Act have been certified as in (2)(1).