

Compliance Bulletin

Electronic Submission System (eSS) eMap Data Requirements



The West Virginia Department of Environmental Protection – Division of Mining and Reclamation, has revised the eMap Data Requirements for the eMap Section in eSS.

The purpose of this directive is to streamline the layers submitted as part of the eMap and to define the coordinate system.

When uploading eMaps into eSS please reference the directive located on page 2 of this compliance bulletin.

2021 WVDEP – Division of Mining and Reclamation Electronic Submission System eMap Data Requirements

An eMap data file should be submitted to the WVDEP prior to the beginning of public notice for an application where the permitting actions change any of the data listed below.

This file should be attached in the Maps and eMap Data Section as an AutoCAD(DWG) file.

The file name should be [Permit ID].dwg, for example: S500408.dwg

Please use NAD 83 West Virginia State Plane Coordinates. **Include the CRS (Coordinate Reference System) in the model, which can be set at the bottom right under "AutoCAD Map 3D map coordinate system".**

Data	Layer Name	Feature per Layer/ external block	Type Graphic	External Block Inserted into main dwg
Permit boundary	PBND	0 - n	Closed polyline	
Surface Mining limits:	SMinli_(seam name)	0 - n	Closed polyline	
Highwall Mining limits:	HMinli_(seam name)	0 - n	Closed polyline	
Underground Mining limits:	UMinli_(seam name)	0 - n	Closed polyline	
Valley Fills	Valley_Fill_(number)	0 - n	Closed polyline	

The Permit Boundary, Mine Limits, and Valley Fill layers shall be 2d polylines that are continuous and closed.

The purpose of this file is to capture mapping elements for each application. It is primarily used for application review, record keeping and Geographic Information System updates