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Coal Mining Spatial Data Standards ASTM Task Group

The National Coal Mining Geospatial Committee (NCMGC) created the Coal Mining Spatial Data Standards ASTM Task Group at its first National Meeting of SMCRA Geospatial Data Stewards in Denver, CO on June 27, 2006. This interdisciplinary 12-member team consisting of state, industry, environmental, and OSM personnel have worked together to successfully produce the nation's first two voluntary standards for coal mining spatial data recognized by the American Society for Testing and Materials (ASTM) International standards organization. At the Second National Meeting of SMCRA Geospatial Data Stewards in Atlanta, GA on March 26, 2008, the team was tasked to begin work on developing voluntary standards for ten Title 5 and four Title 4 coal mining spatial datasets.

Quick Facts:

- **Leaders** - Tom Galya, OSM Charleston Field Office and Daniel Kestner, Virginia Department of Mines, Minerals, and Energy share leadership.
- **Members** – Alan Wilhelm, OSM Western Region Office; Arielle Avishai, OSM Appalachian Region Office; Bruce Johnson, ND Public Service Commission; Darrell Trent, Patriot Coal Company; Jo Gault, OSM Knoxville Field Office; Joe Taranto, PA Department of Environmental Protection; Karen Jass, OSM Western Region Office; Kathy Rossmann, OH Division of Mineral Resources Management; Mike Shank, WV Department of Environmental Protection; Robert Hughes, Lucerne PA Conservation District.
- **Title 5 Datasets** – Bonded Areas, Disturbed Areas, Forfeited Areas, Post Mining Land Use, AMD Inventory, AMD Treatment Facilities, Critical Earth Fills, Water Monitoring Locations, Lands Unsuitable for Mining Petition (LUMP) Areas, Lands Unsuitable for Mining (LUM) Areas
- **Title 4 Datasets** – AML Planning Unit (PU), AML Problem Areas (PA), AML Inventory Features, AML Project Sites

SIGNIFICANT EVENTS

- **Coal Surface Mining Boundary** – Approved ASTM International September 1, 2007. Adopted by SMCRA Geospatial Data Stewards March 26, 2008.
- **Coal Underground Mining Boundary** – Adopted by SMCRA Geospatial Data Stewards March 26, 2008. Approved ASTM International April 1, 2008.

FOR MORE INFORMATION

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