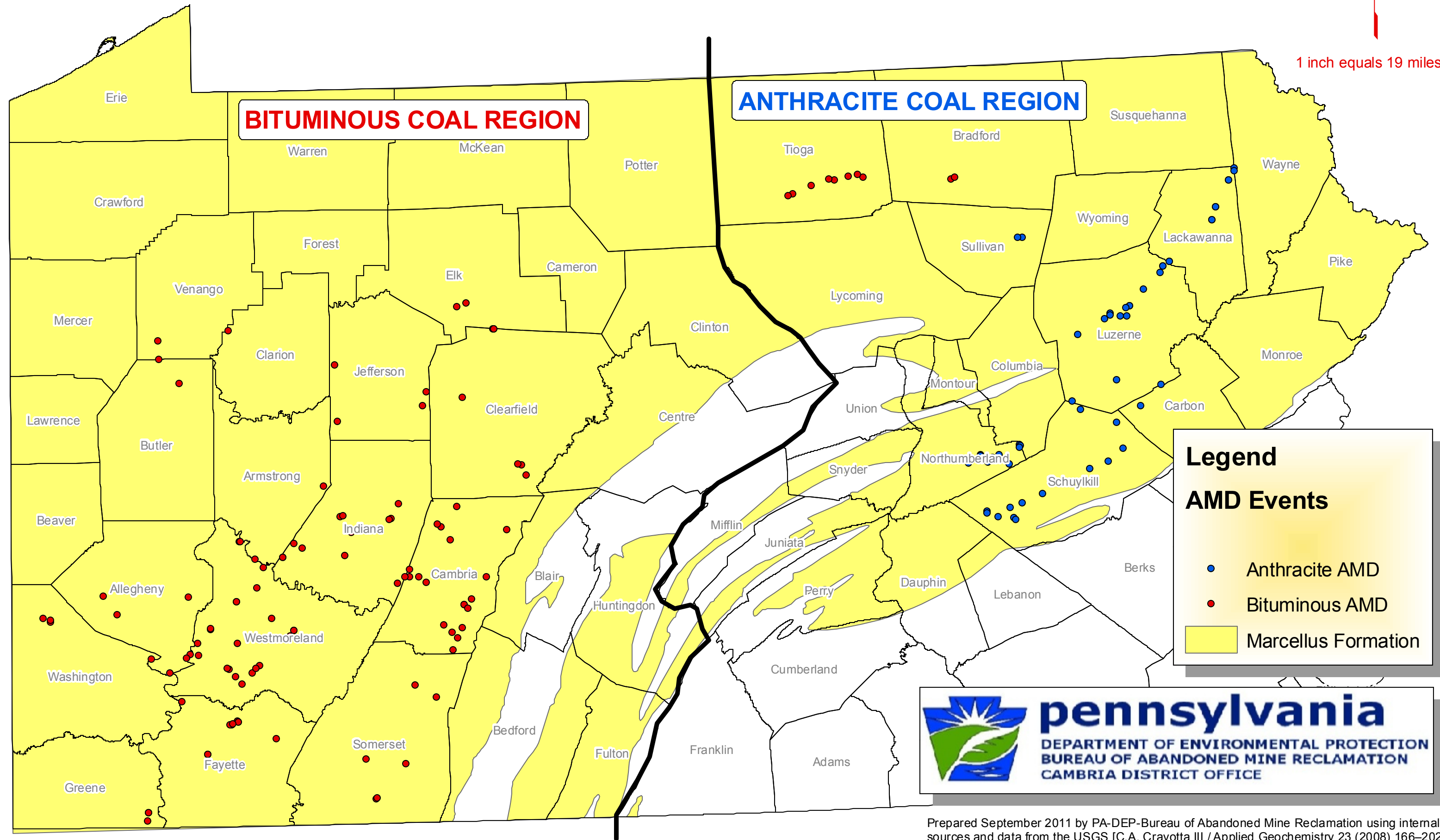


# SIGNIFICANT ABANDONED MINE DISCHARGES IN PENNSYLVANIA



1 inch equals 19 miles




**BITUMINOUS COAL REGION**

**ANTHRACITE COAL REGION**

**Legend**

**AMD Events**

- Anthracite AMD
- Bituminous AMD
- Marcellus Formation



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF ABANDONED MINE RECLAMATION  
CAMBRIA DISTRICT OFFICE

Prepared September 2011 by PA-DEP-Bureau of Abandoned Mine Reclamation using internal sources and data from the USGS [C.A. Cravotta III / Applied Geochemistry 23 (2008) 166–202]