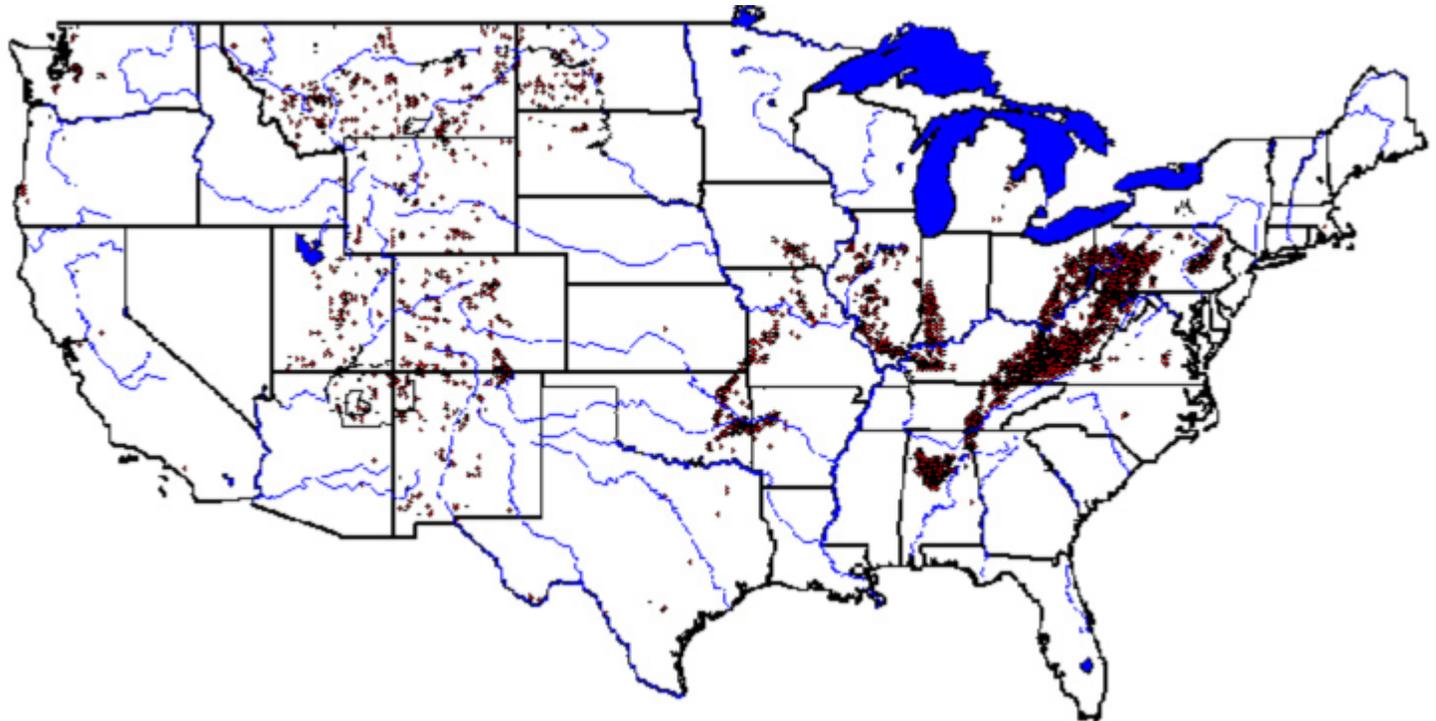


NCMGC Data Standards Development for Title IV (AML) Spatial Datasets

Locations of AML Problems Eligible for OSM Funding





*NCMGC Data Standards Development for
Title IV (AML) Spatial Datasets*



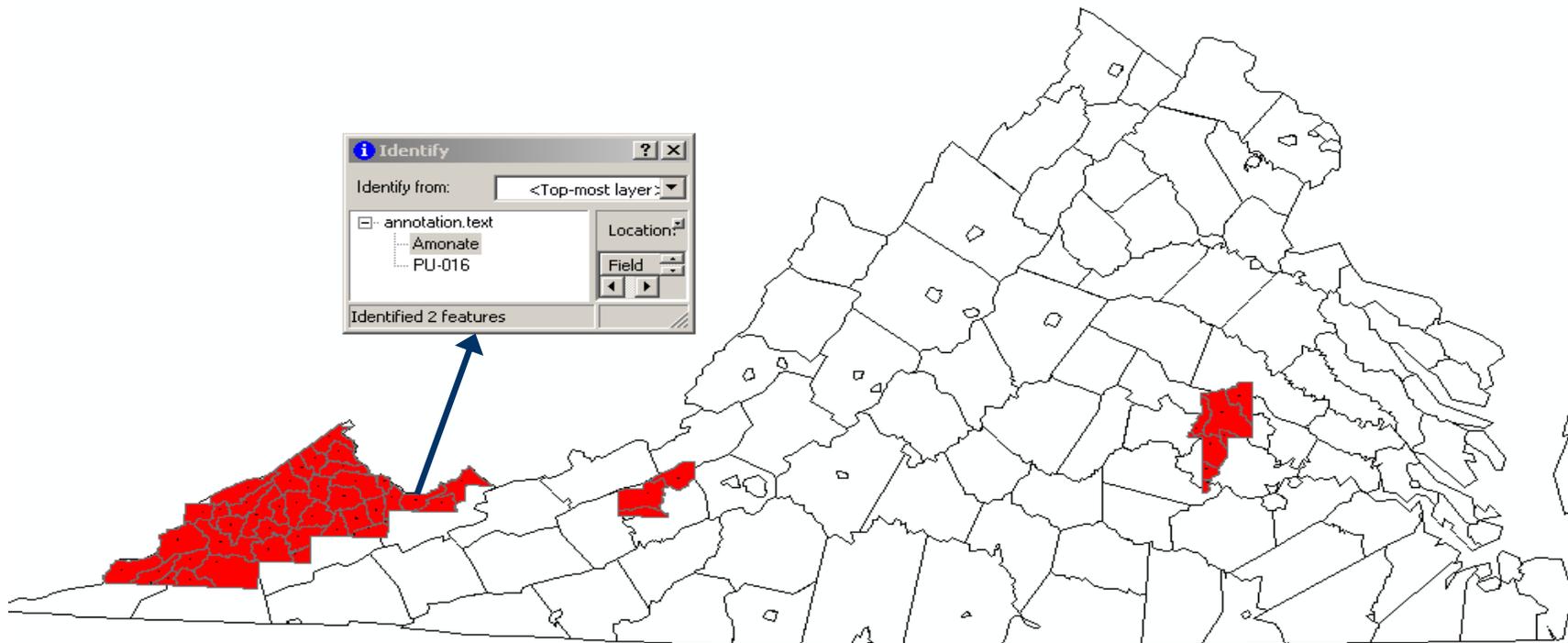
AML Overview – call it the pre-amble, if you'd like

Title IV of the Surface Mining Control and Reclamation Act of 1977 (SMCRA) established the national Abandoned Mine Land (AML) Reclamation Program under the Office of Surface Mining Reclamation and Enforcement (OSMRE), U.S. Department of the Interior. The program was developed to reclaim land and water resources adversely affected by past coal mining and left abandoned or inadequately restored.

NCMGC Data Standards Development for Title IV (AML) Spatial Datasets

✓ **Planning Unit (PU)**

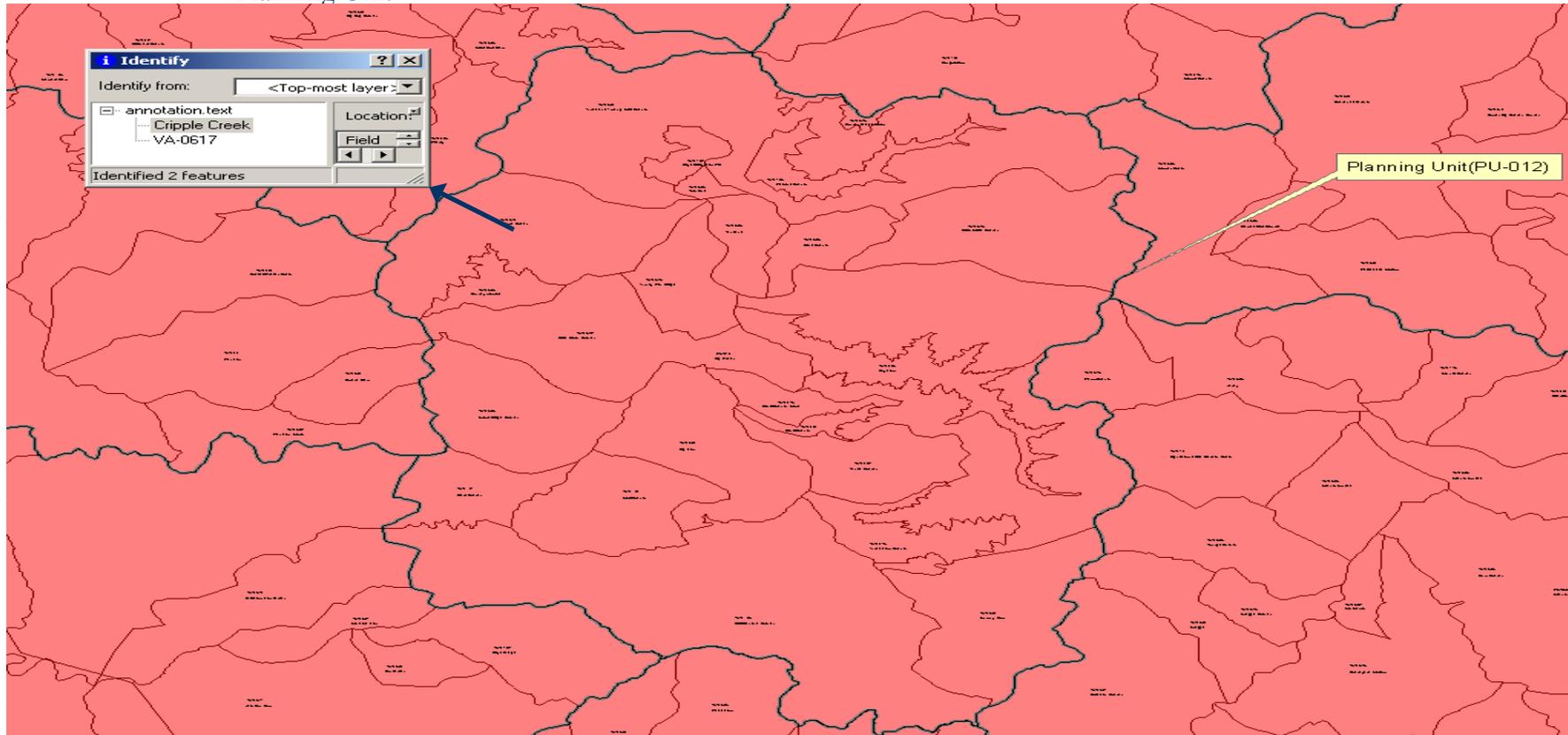
A closed polyline (polygon) defining the boundary of an area of land corresponding to subdivisions of Cataloging Units (WCU) identified on each state's Hydrologic Unit Map



NCMGC Data Standards Development for Title IV (AML) Spatial Datasets

✓ **Problem Areas (PA)**

A closed polyline (polygon) defining the boundary of a uniquely defined geographic area within an AML
Planning Unit



NCMGC Data Standards Development for Title IV (AML) Spatial Datasets

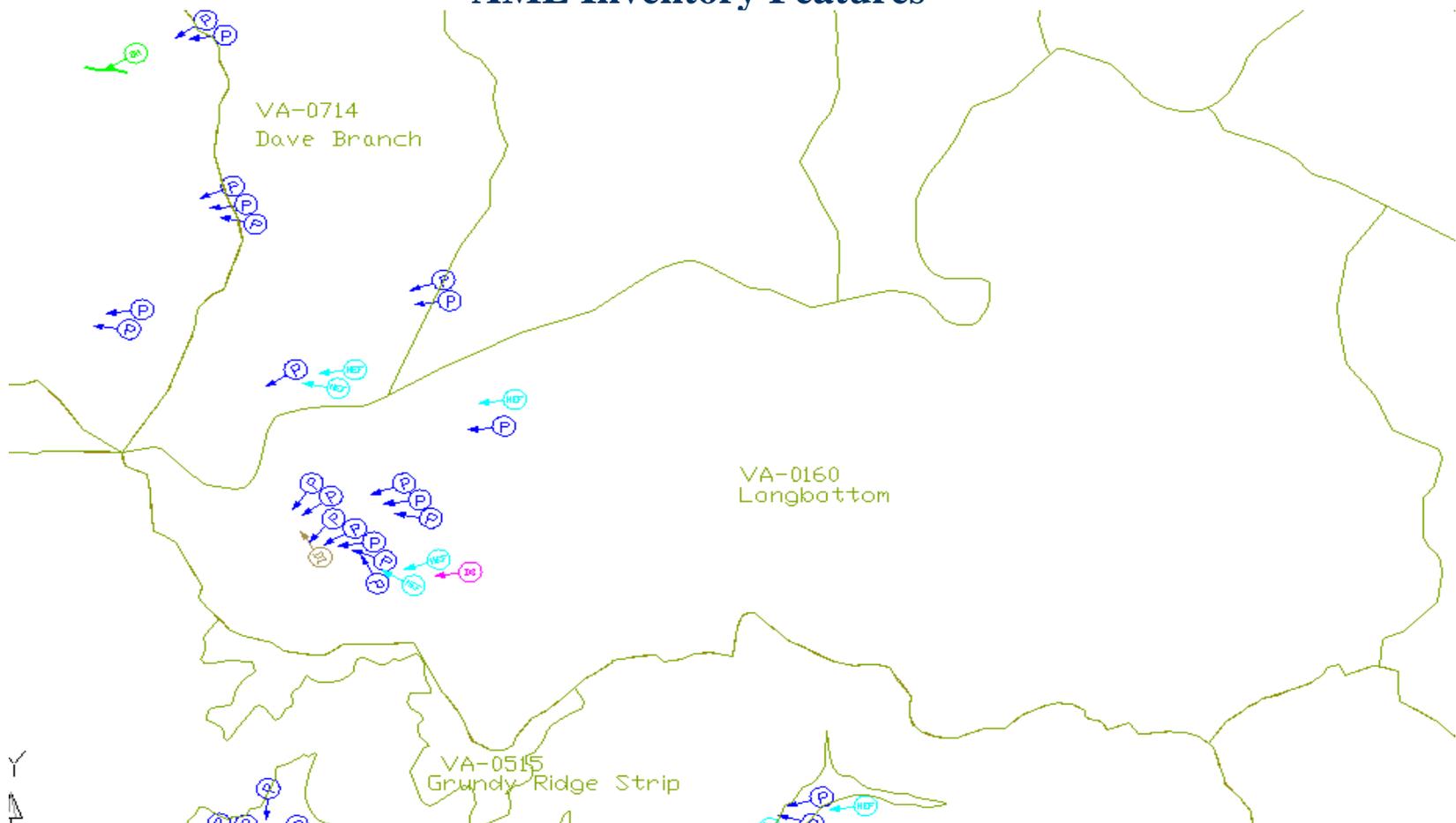
✓ AML Inventory Features

Priority 1 & 2 Problem Types

Problem Type	Symbol	Measured As	Problem Type	Symbol	Measured As
Clogged Stream Lands	CSL	Acres	Industrial/Residential Waste	IRW	Acres
Clogged Streams	CS	Miles	Polluted Water: Agr. & Indust.	PWAI	Count
Dangerous Highwall	DH	Linear Feet	Polluted Water: Human Consumption	PWHC	Count
Dangerous Impoundments	DI	Count	Portals	P	Count
Dangerous Pile and Embankment	DPE	Acres	Subsidence	S	Acres
Dangerous Slides	DS	Acres	Surface Burning	SB	Acres
Gases: Hazardous/Explosive	GHE	Count	Underground Mine Fire	UMF	Acres
Hazardous Equipment & Facilities	HEF	Count	Vertical Opening	VO	Count
Hazardous Water Body	HWB	Count			

NCMGC Data Standards Development for Title IV (AML) Spatial Datasets

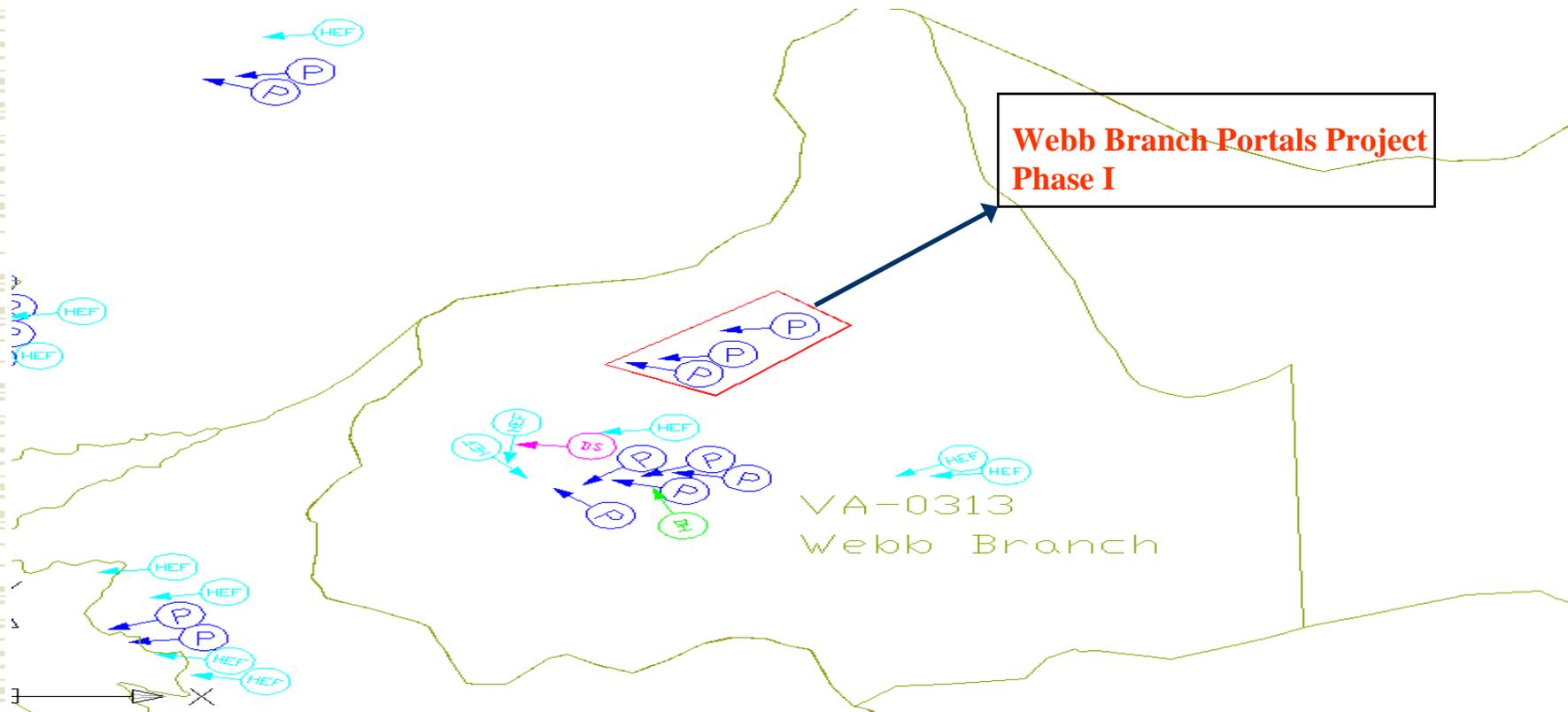
AML Inventory Features



NCMGC Data Standards Development for Title IV (AML) Spatial Datasets

✓ Project Sites

A closed polyline (polygon) defining the boundary of an area of land within which the State Regulatory Authority (RA) has initiated an AML reclamation project





*NCMGC Data Standards Development for
Title IV (AML) Spatial Datasets*



- ✓ **Planning Unit (PU)**
- ✓ **Problem Areas (PA)**
- ✓ **AML Inventory Features**
- ✓ **Project Sites**