

Stakeholder Workshop: Tug ForkWatershed November 13, 2013

Tug Fork River Watershed

- Watershed Overview
- 2. Current Condition Results Streams, Wetlands, Uplands
- Consolidated Analysis Results
 Threats, Opportunities
- 4. Web Map Tool Demo
 Potential Use Scenario

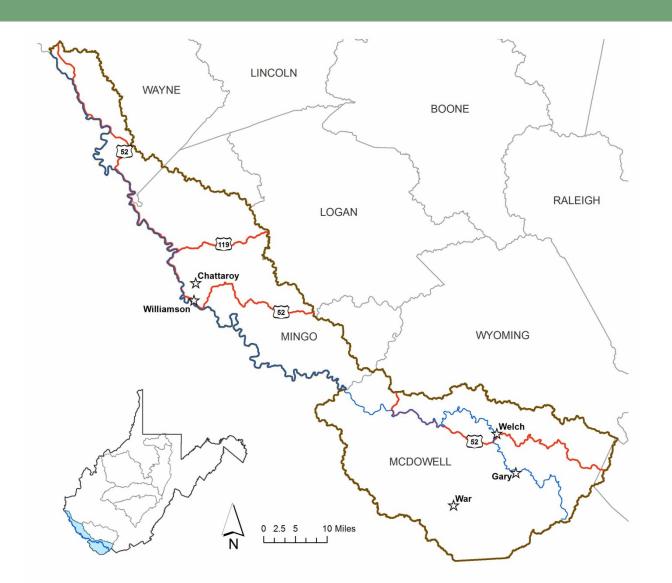
Tug Fork River Watershed

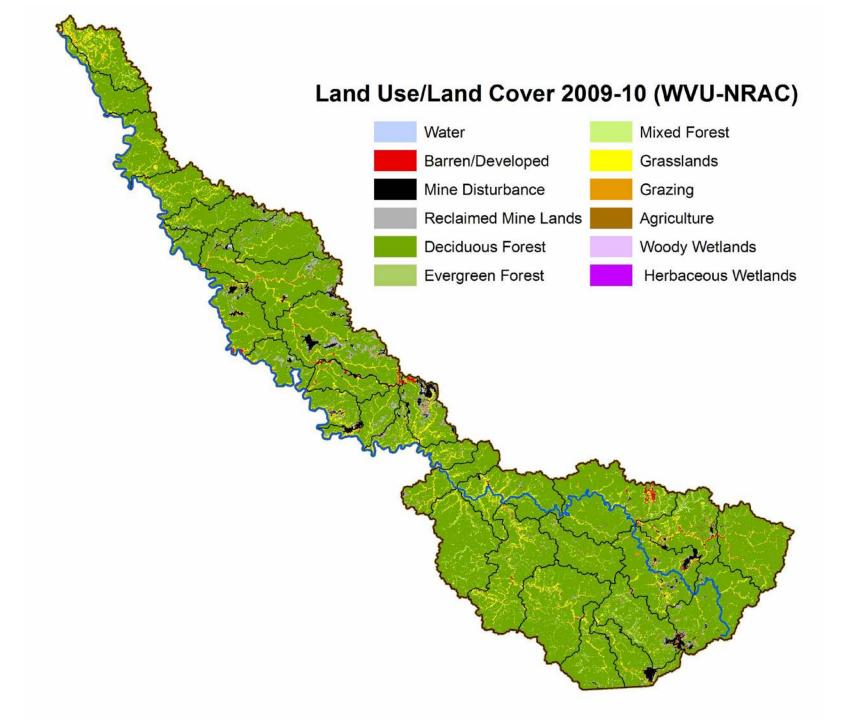
Watershed Overview:

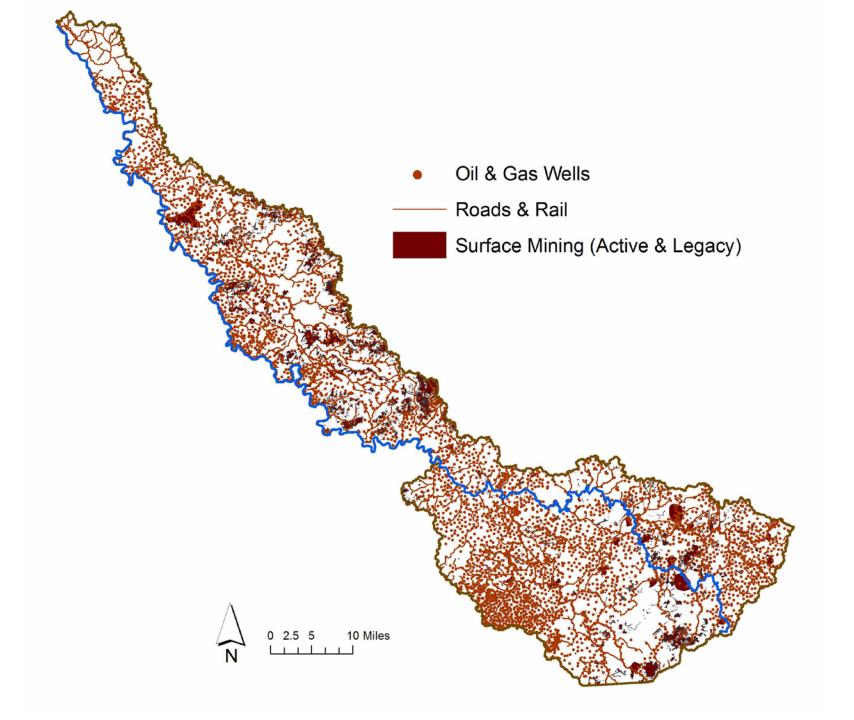
Counties

Towns

Major Roads



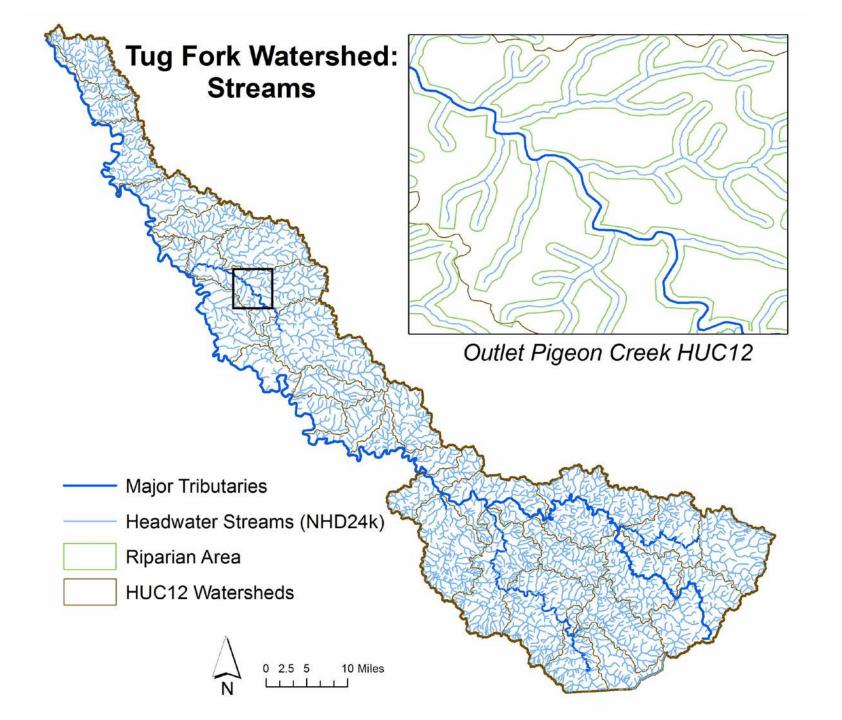


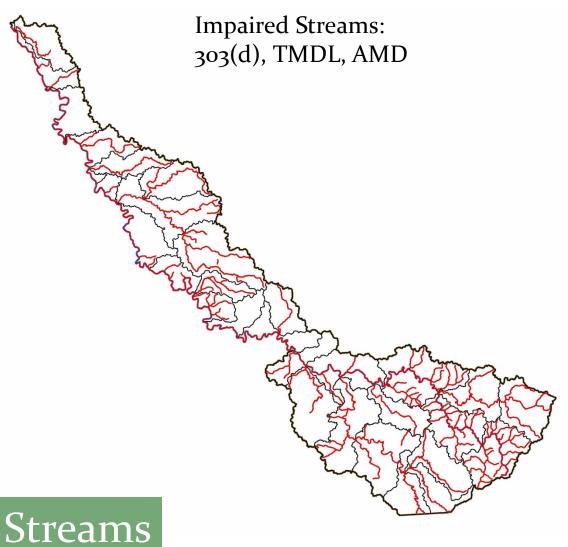




Tug Fork Watershed: Streams

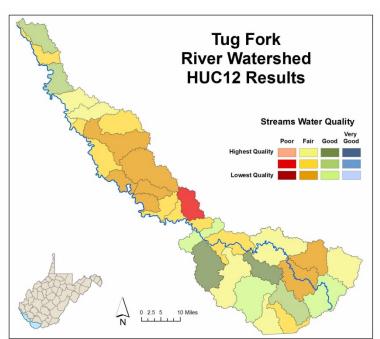


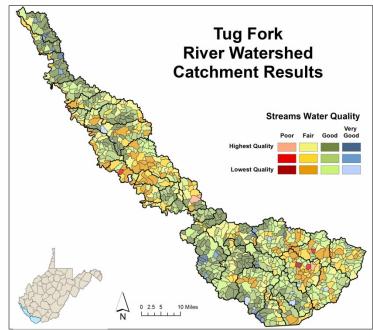


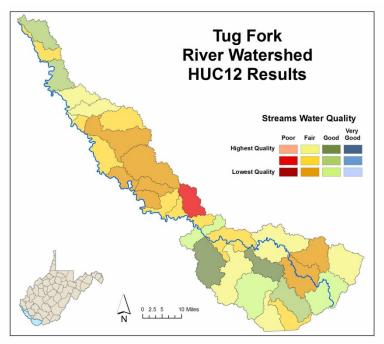


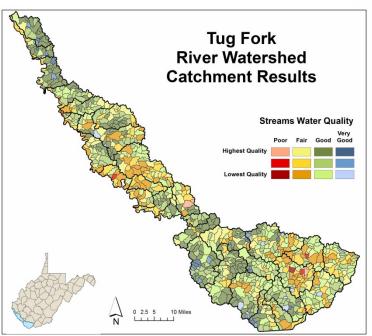
Water

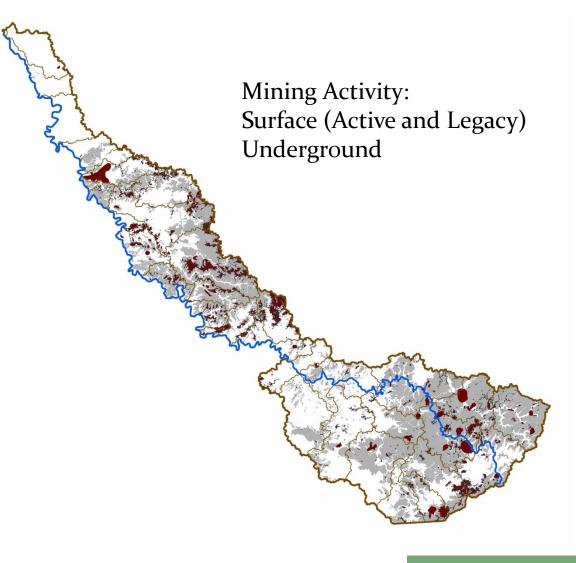
Quality









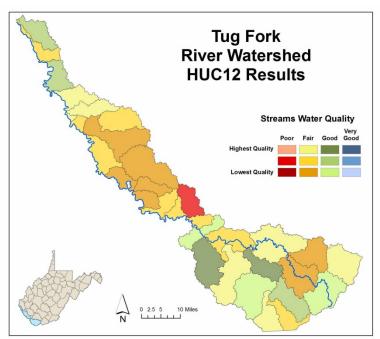


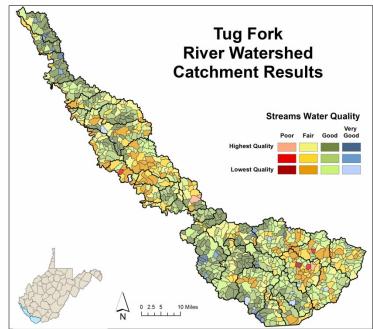
Streams Water Quality

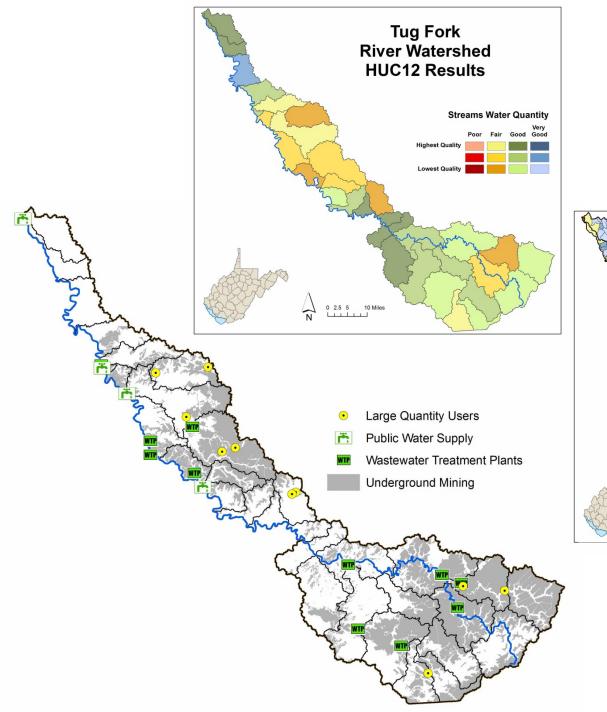


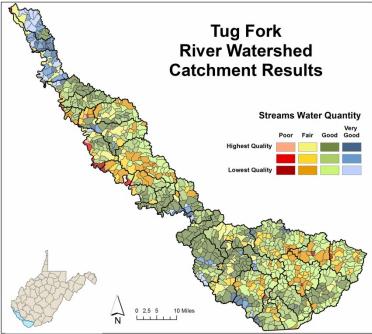
Water

Quality

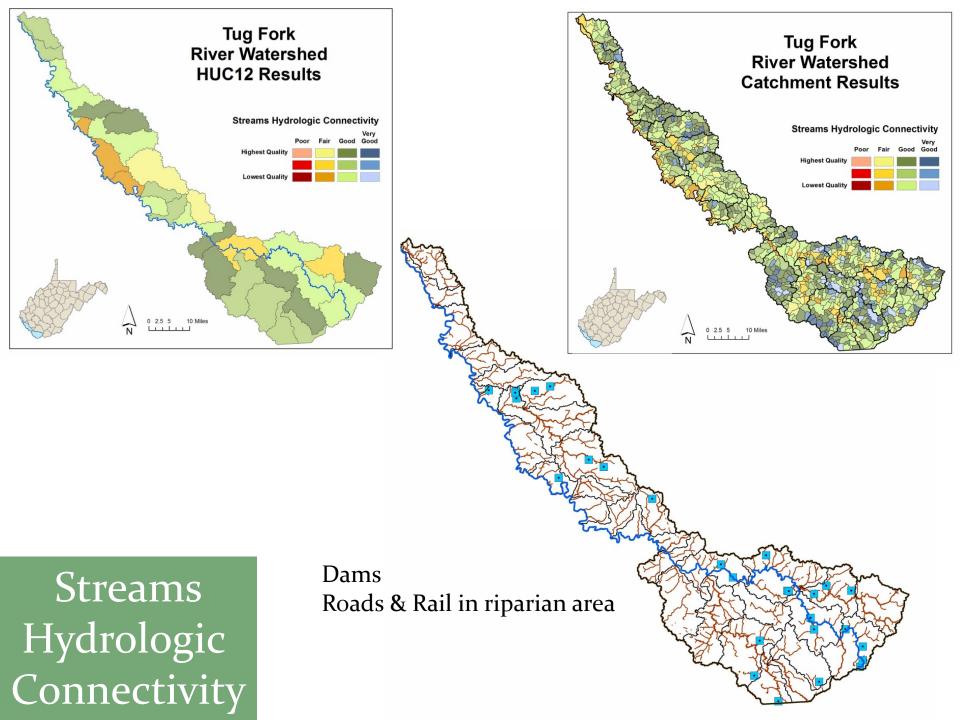


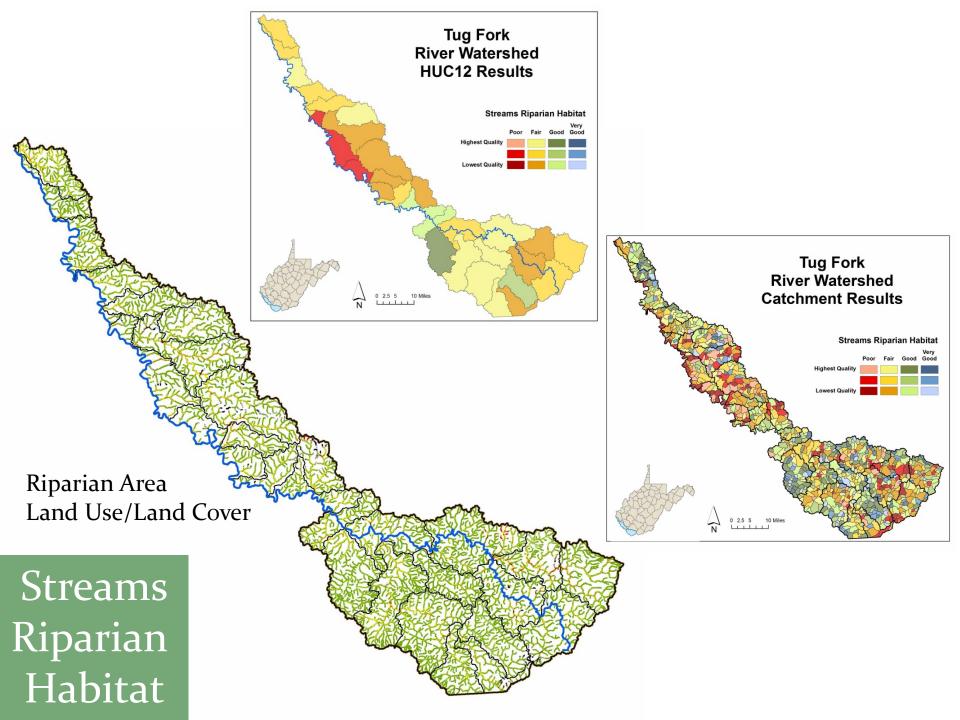


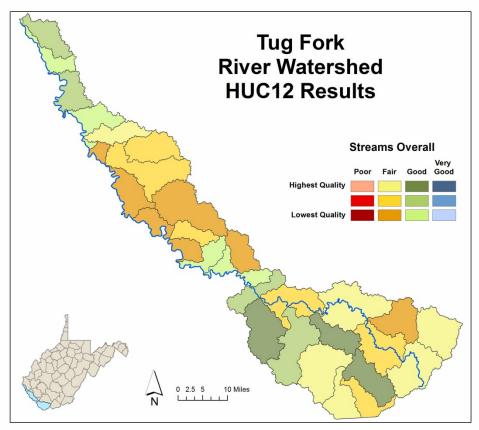




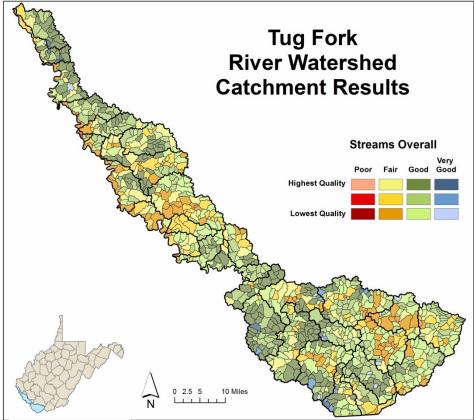
Streams Water Quantity





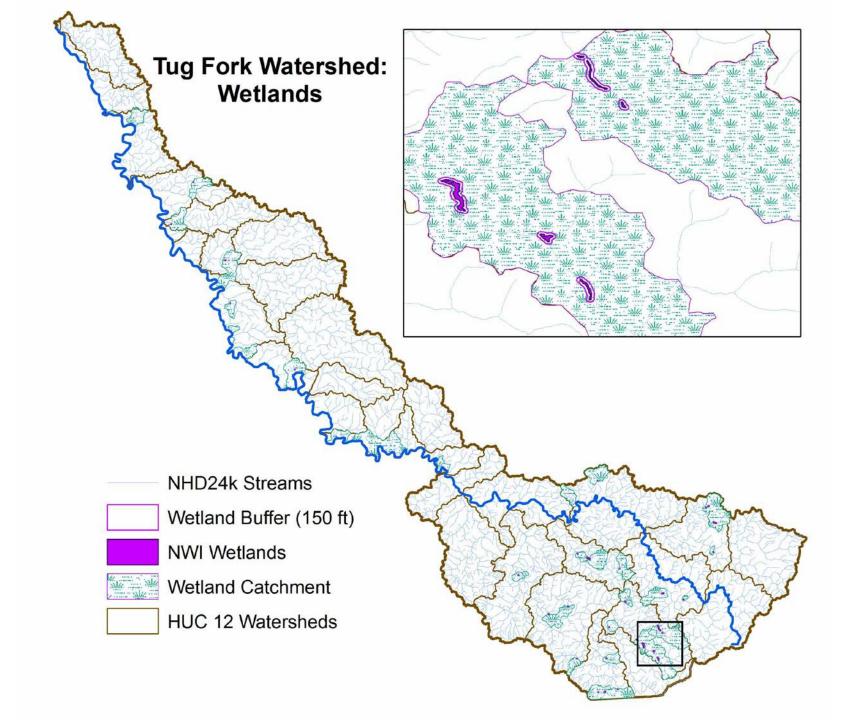


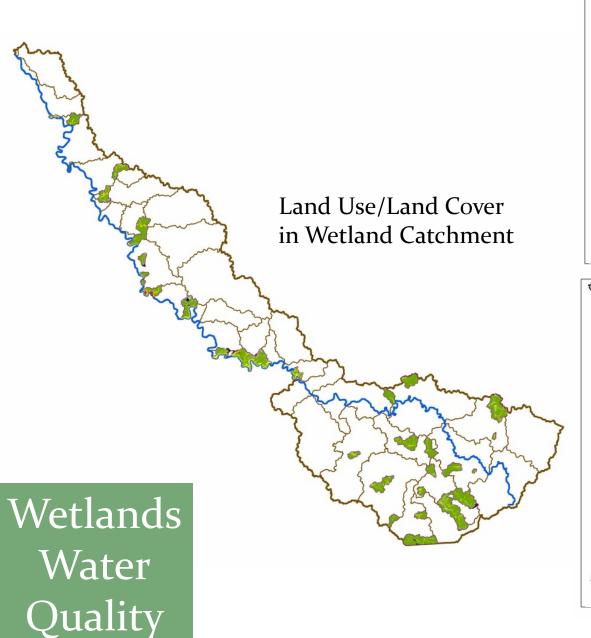


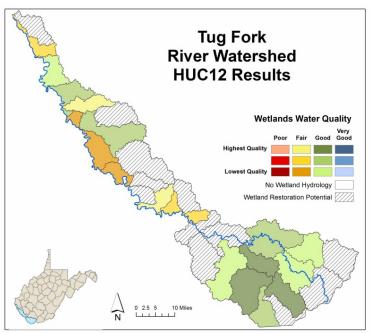


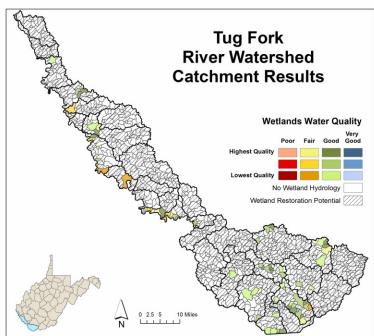
Tug Fork Watershed: Wetlands

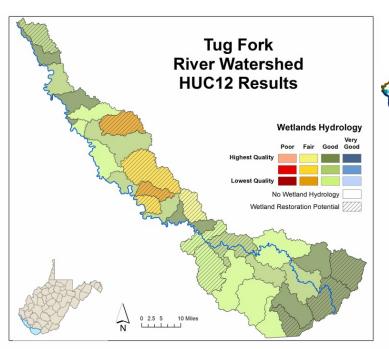


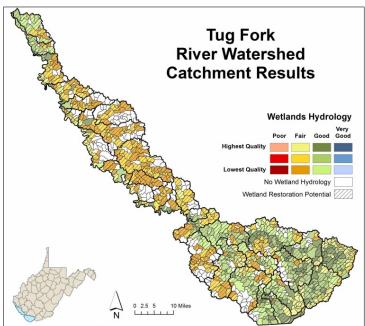




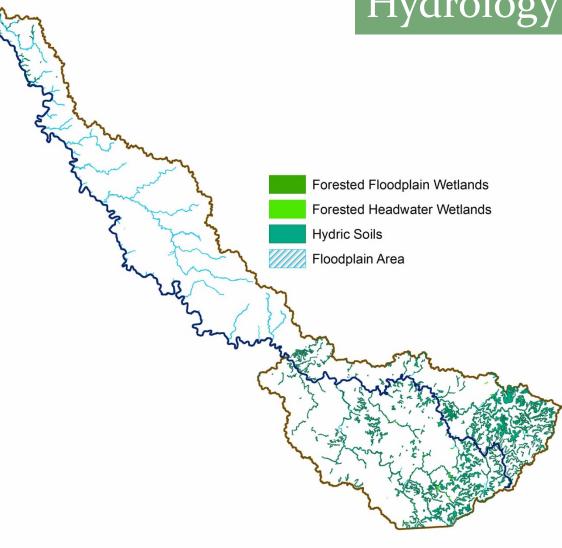


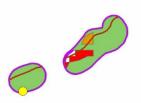






Wetlands Hydrology

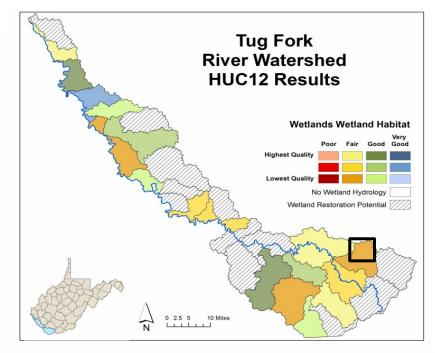


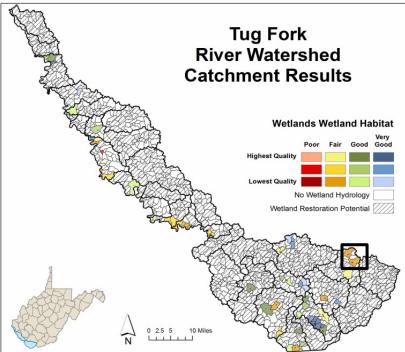


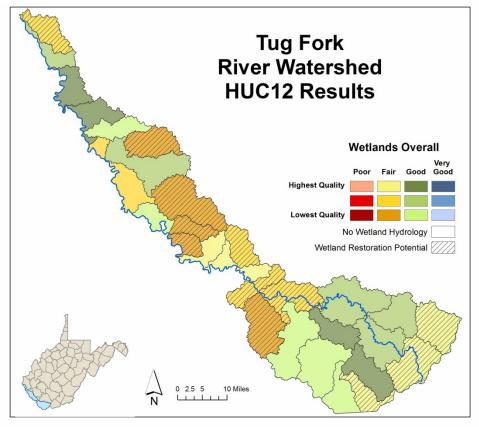
Wells in Wetland Buffer
 Roads & Rail in Wetland Buffer
 Ag/Grazing in Wetland Buffer
 Development in Wetland Buffer
 Natural Cover in Wetland Buffer



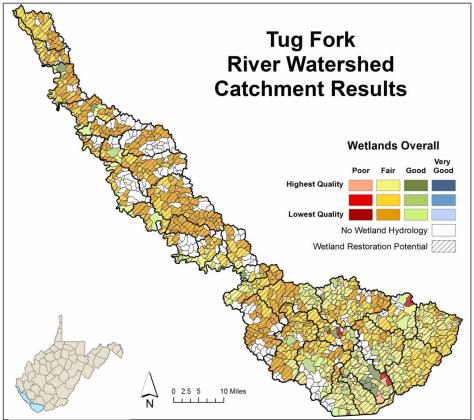






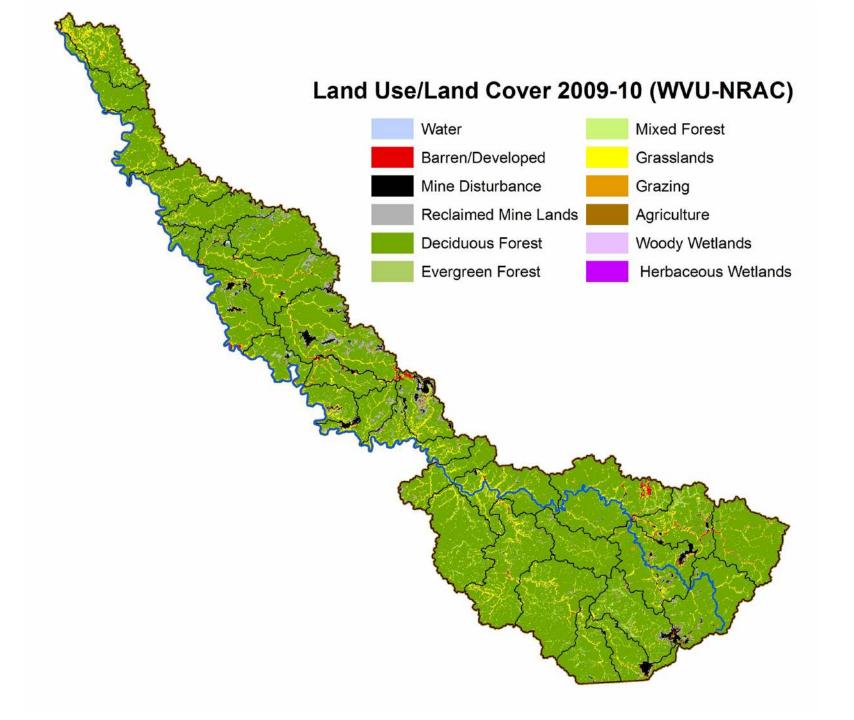


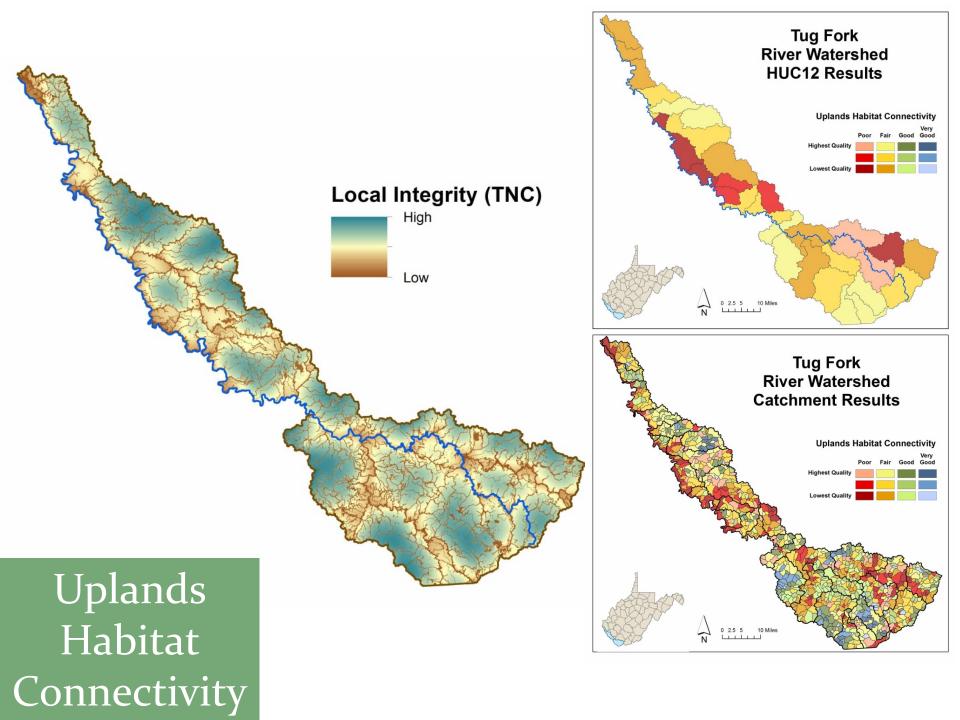


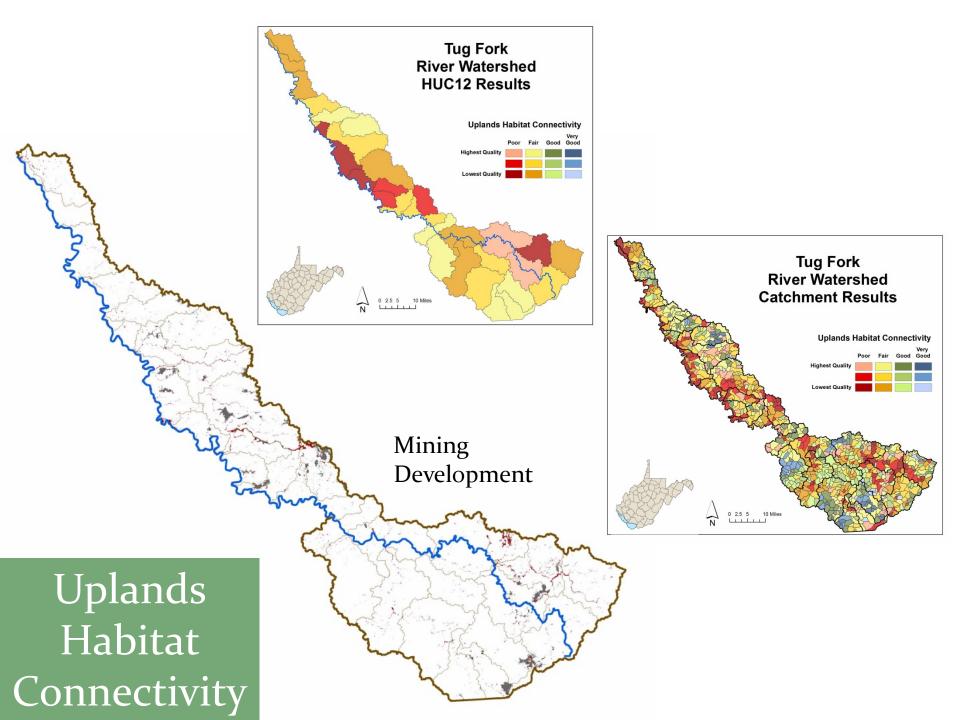


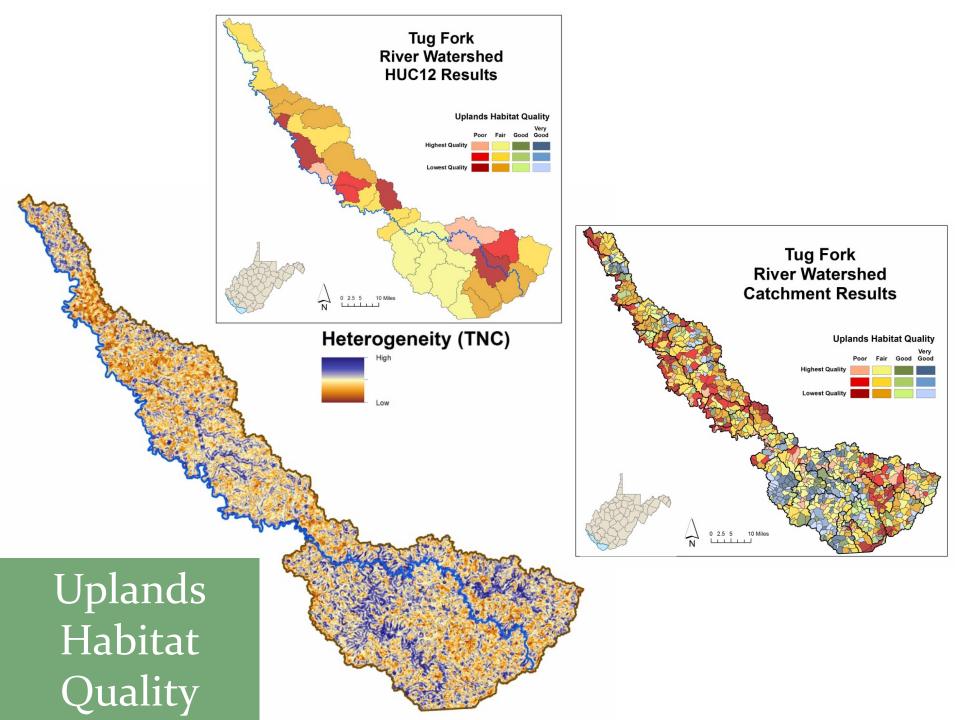
Tug Fork Watershed: Uplands

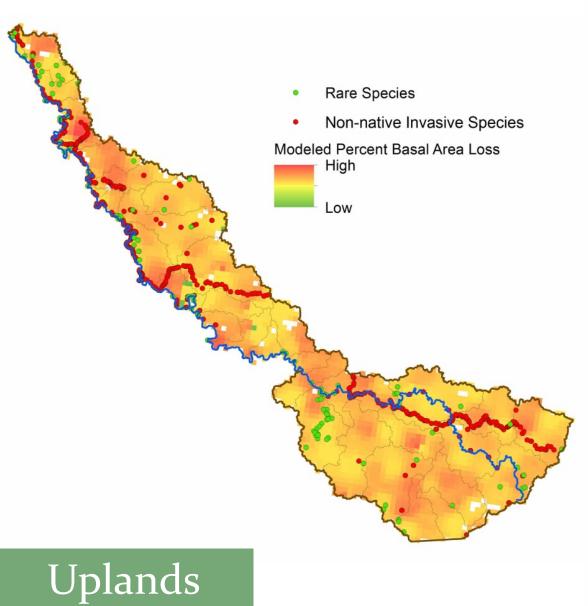




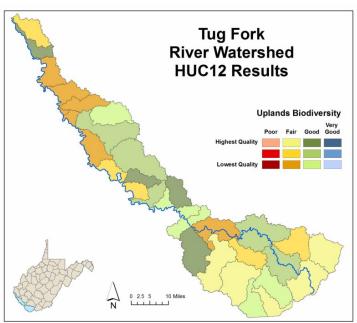


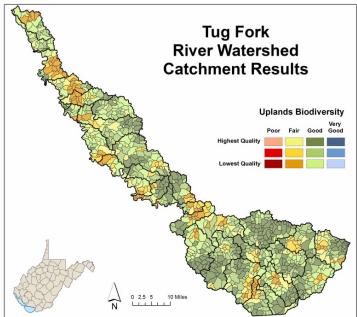


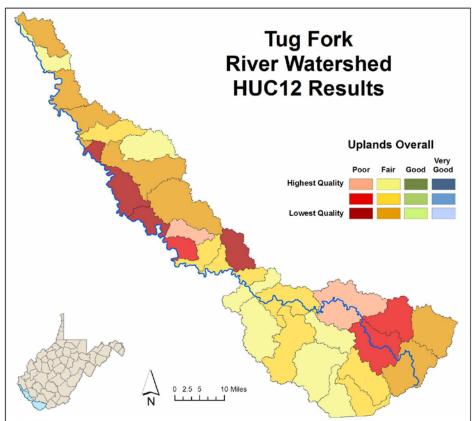


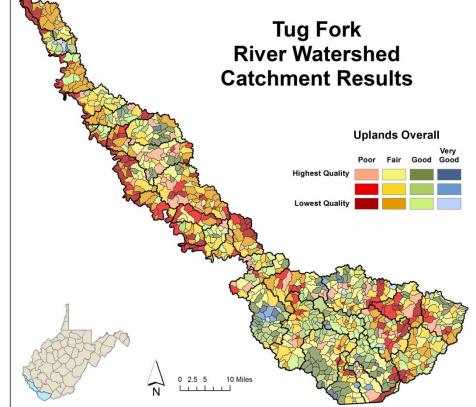


Biodiversity







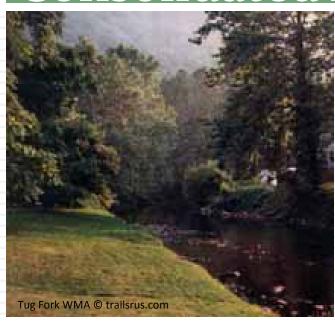


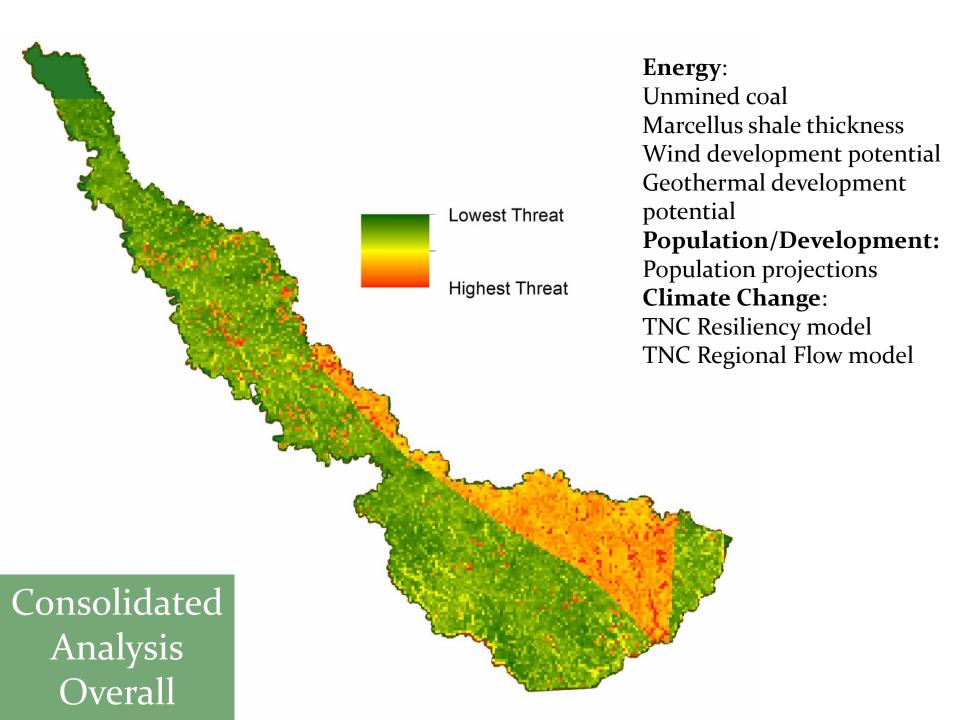
Uplands Model Overall

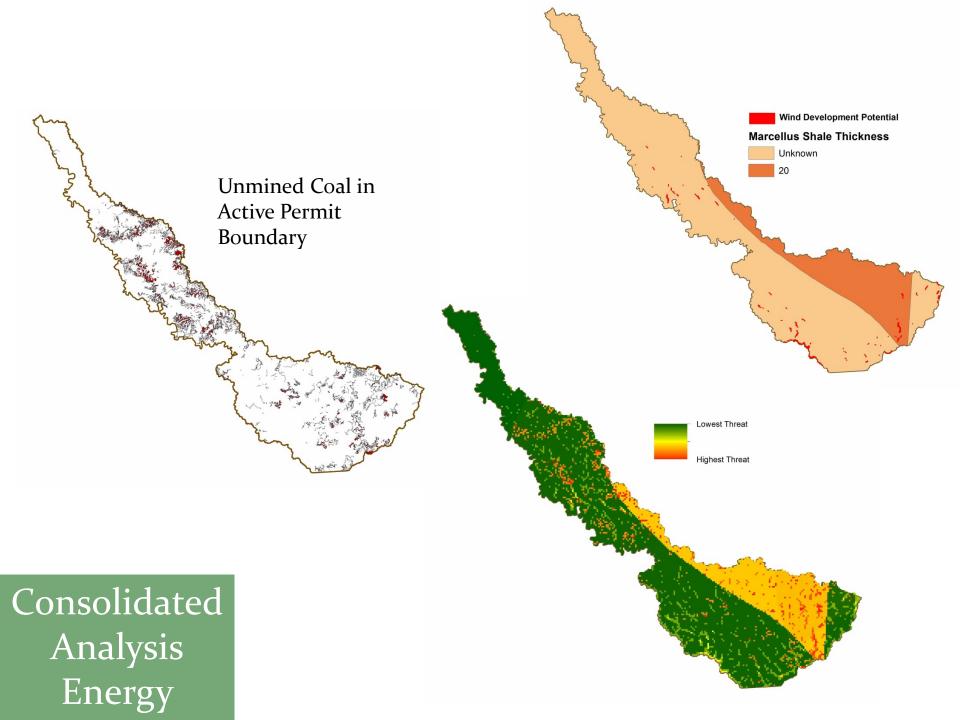


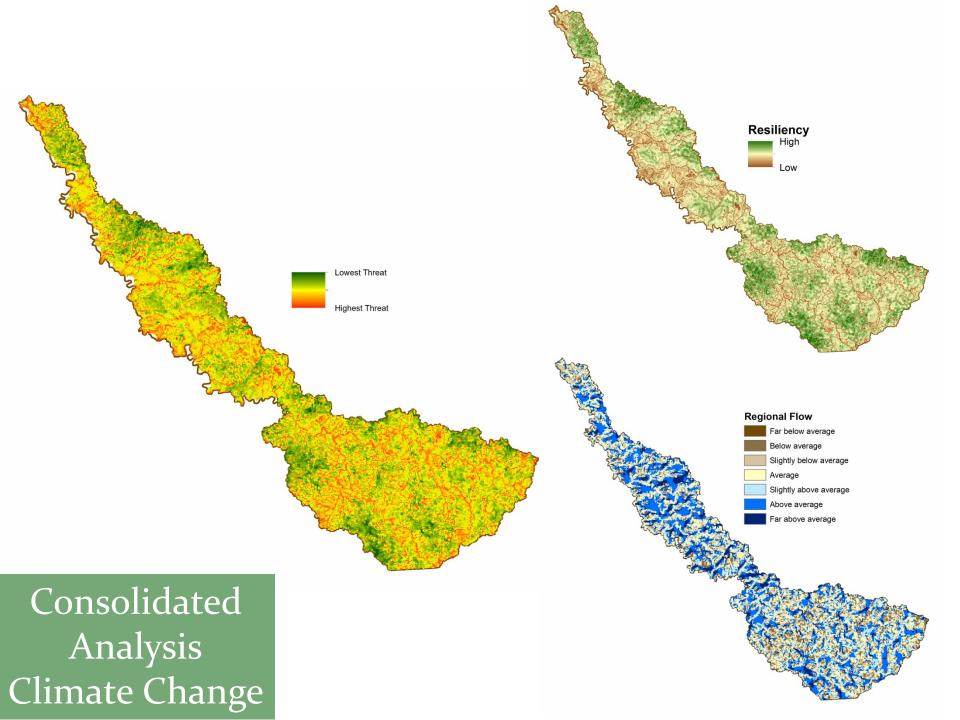
COMMENTS/QUESTIONS?

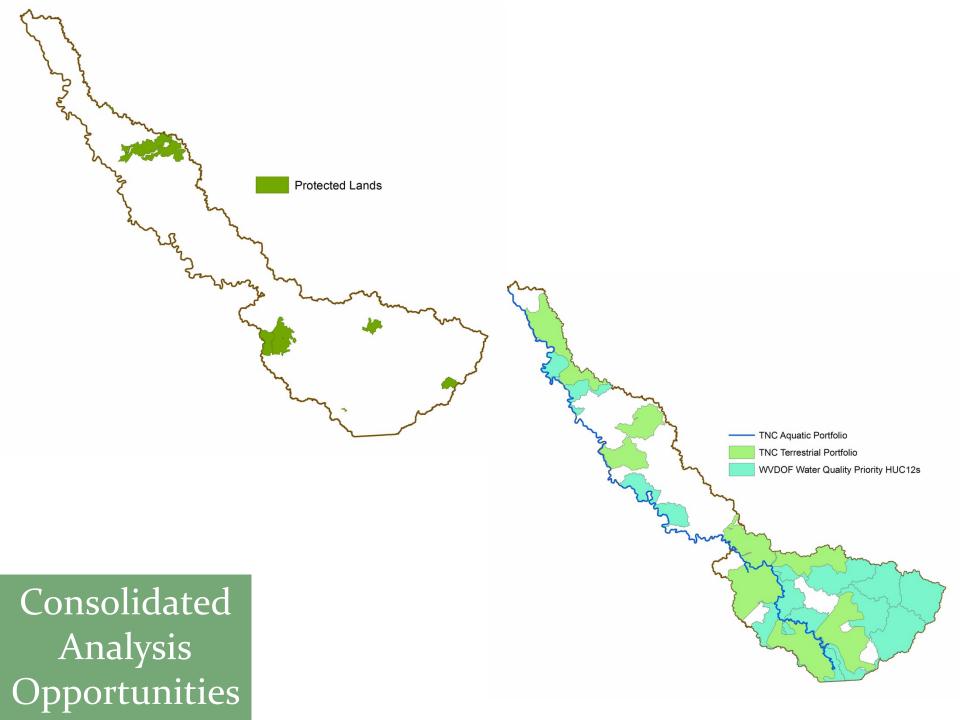
Tug Fork Watershed: Consolidated Analysis



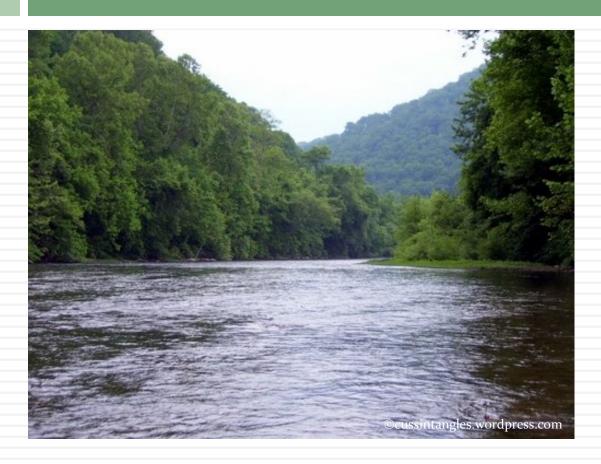






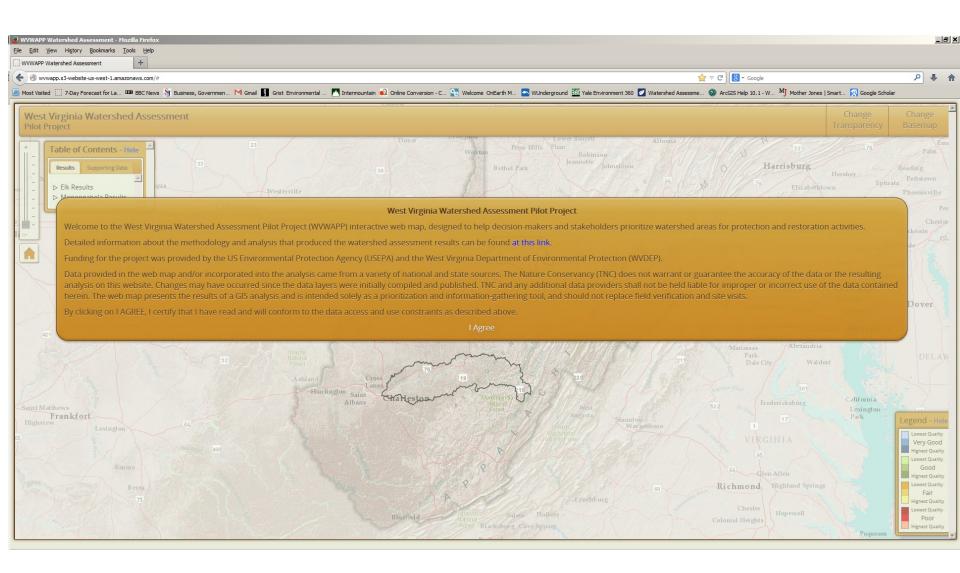


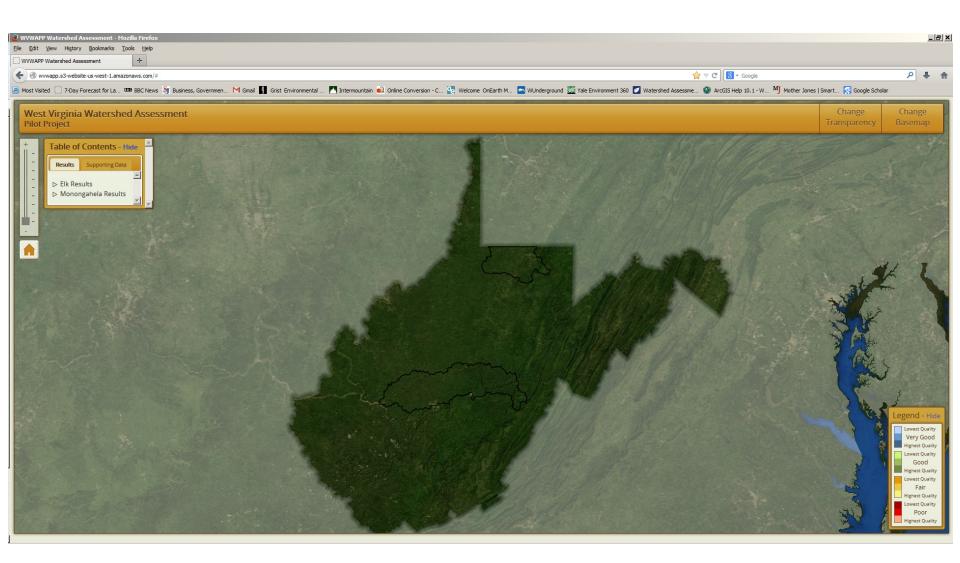
Web Map Tool Demo

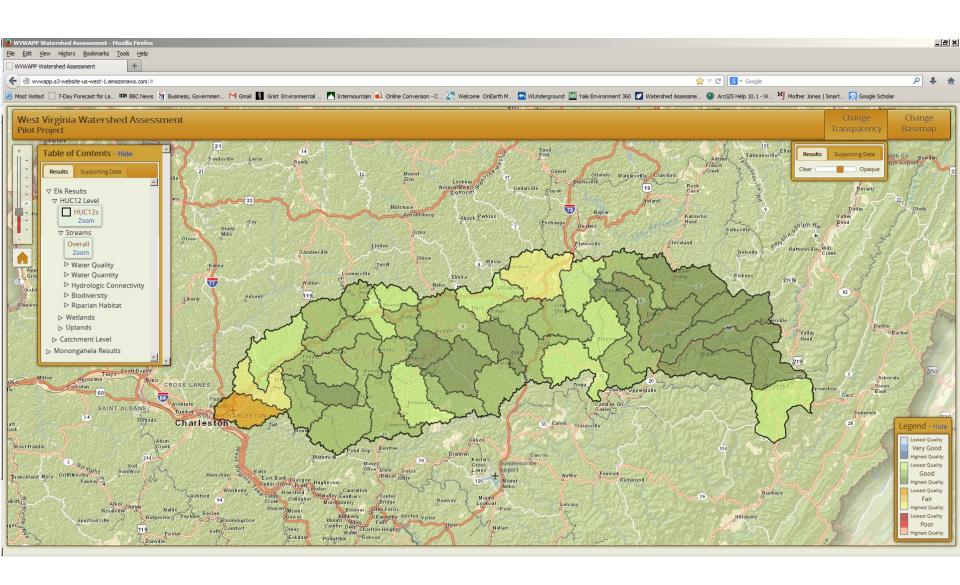


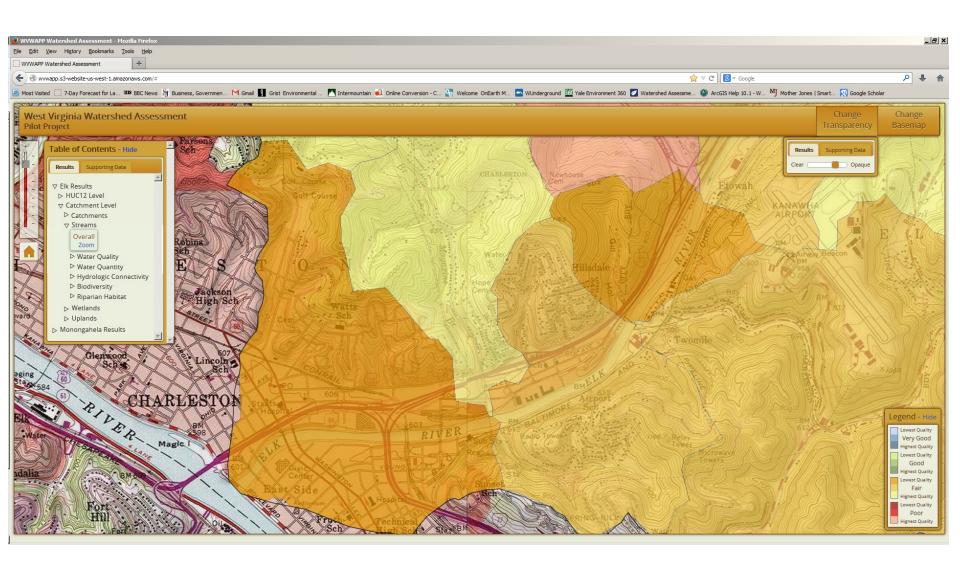
Web Map Base Layers

- 1. Aerial imagery
- 2. Hydrography
- 3. Political boundaries/street maps
- 4. Topographic maps
- 5. Elevation/Shaded relief



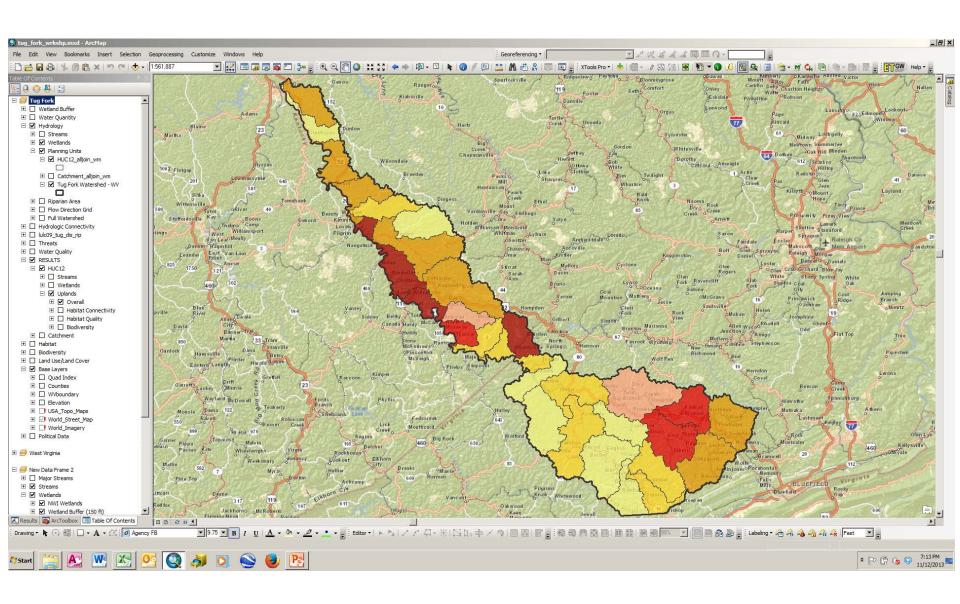




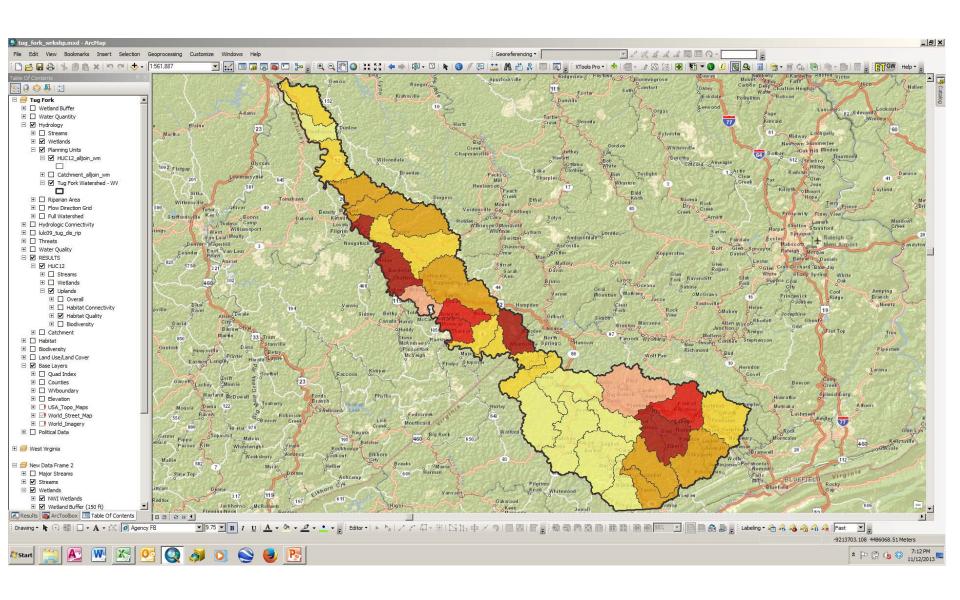


Potential Use Scenario

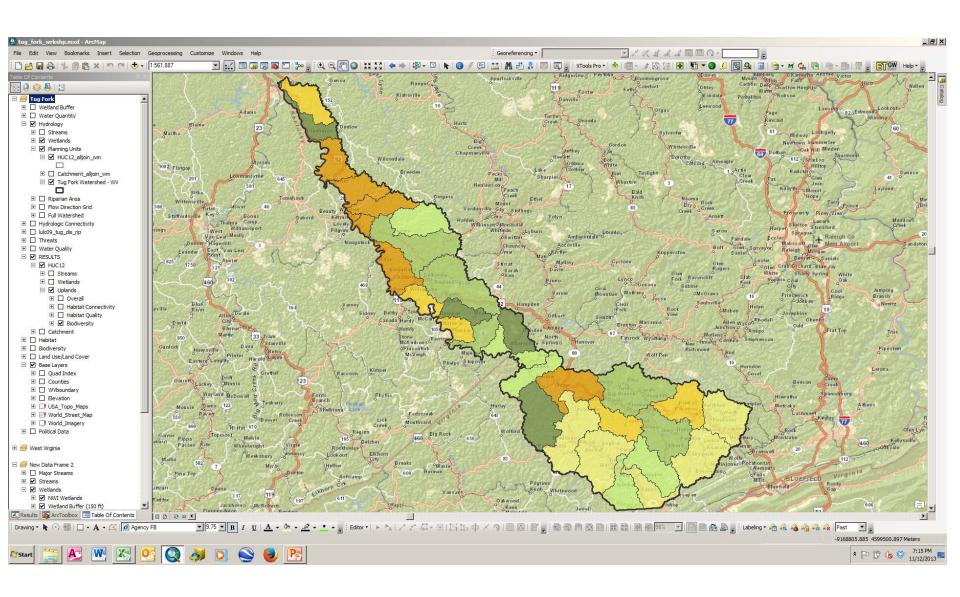
Tug Fork River Watershed
Uplands Restoration



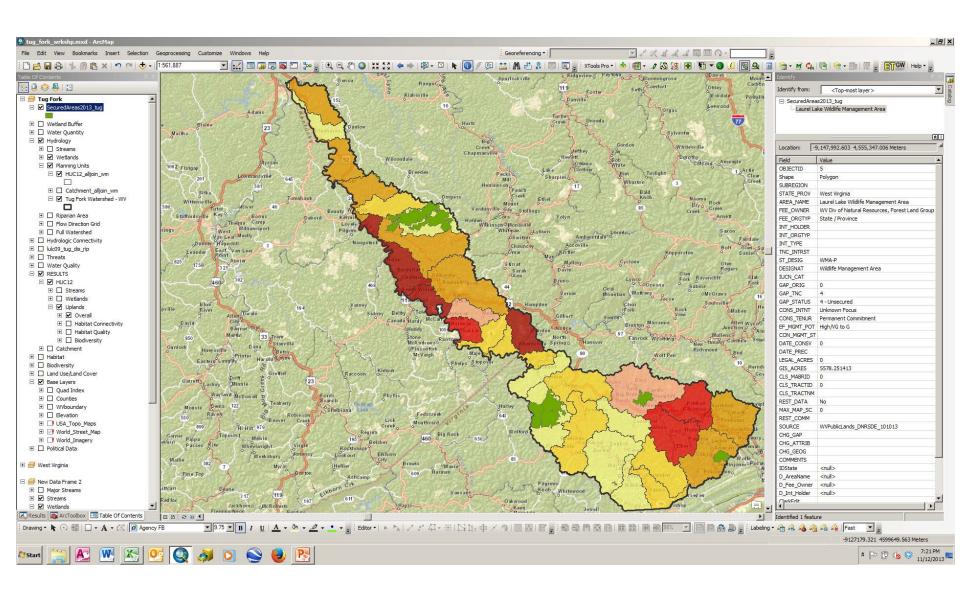
Tug Fork – HUC12 Level Uplands Overall Results



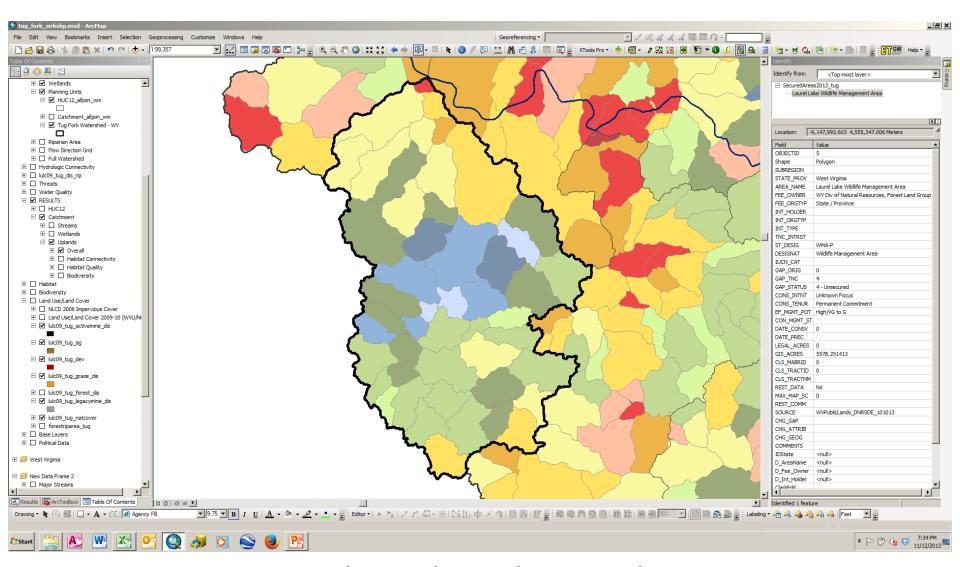
Tug Fork – HUC12 Level Uplands Habitat Quality Results



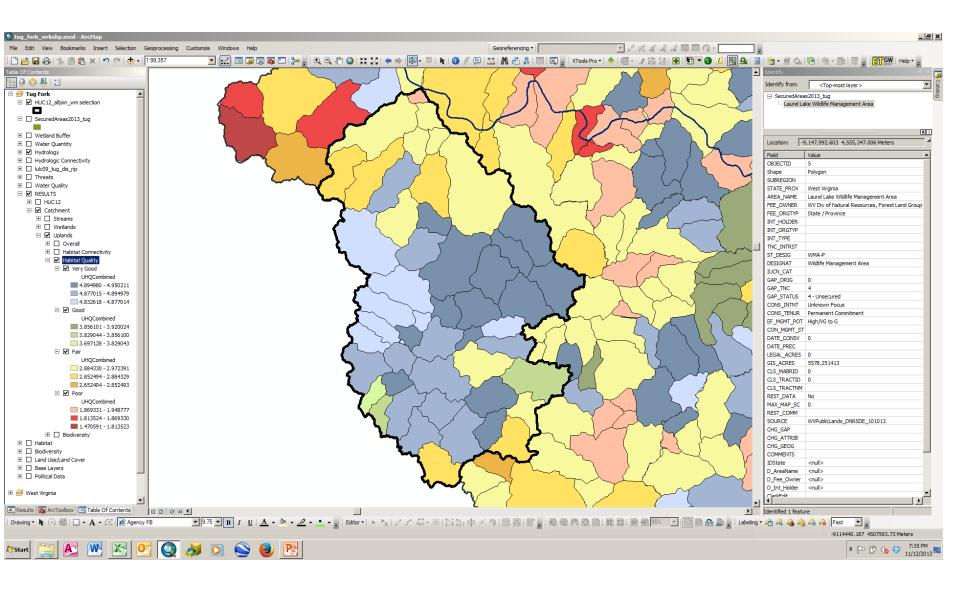
Tug Fork – HUC12 Level Uplands Biodiversity Results



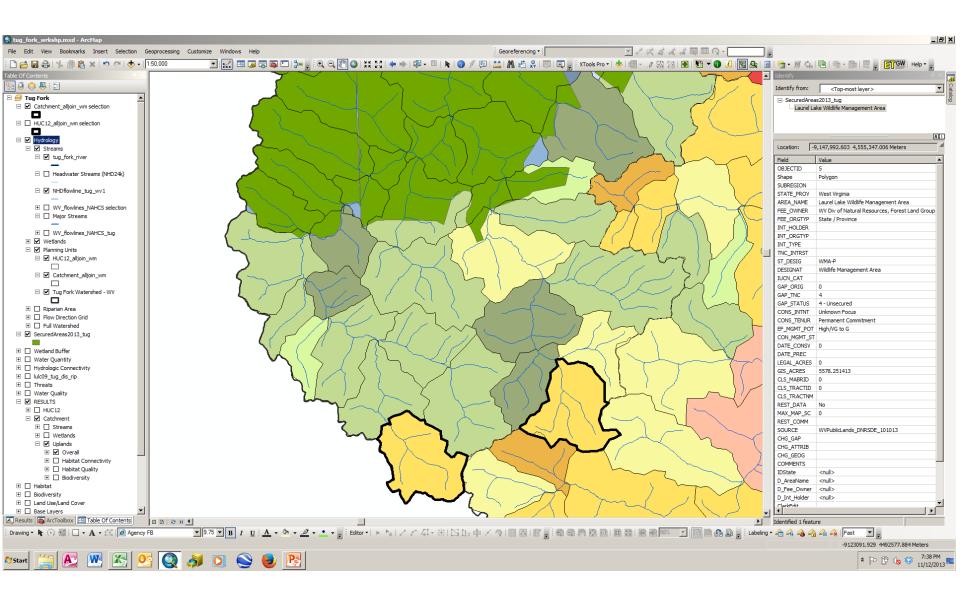
Tug Fork – HUC12 Level Uplands Overall Results, Protected Lands



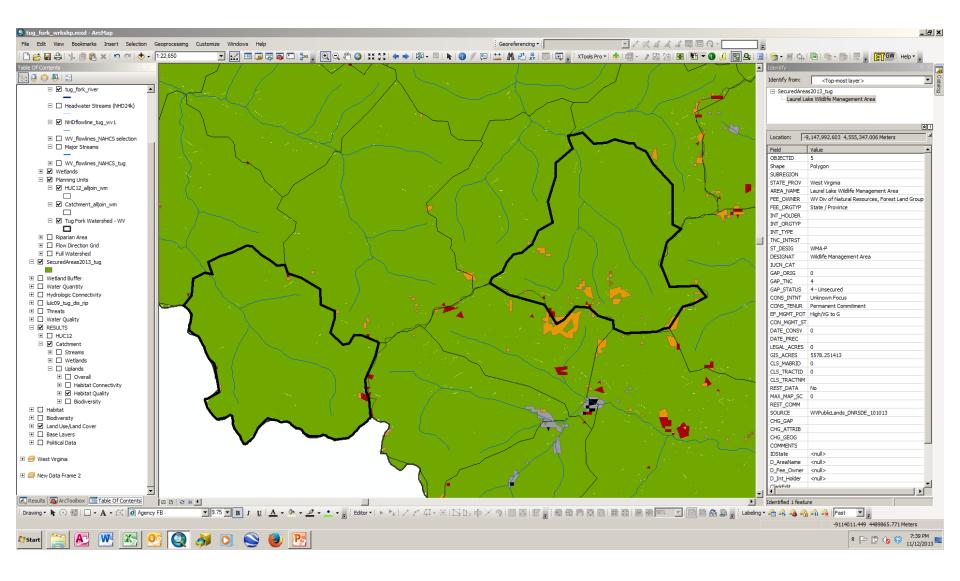
Panther Creek – Catchment Level Uplands Overall Results



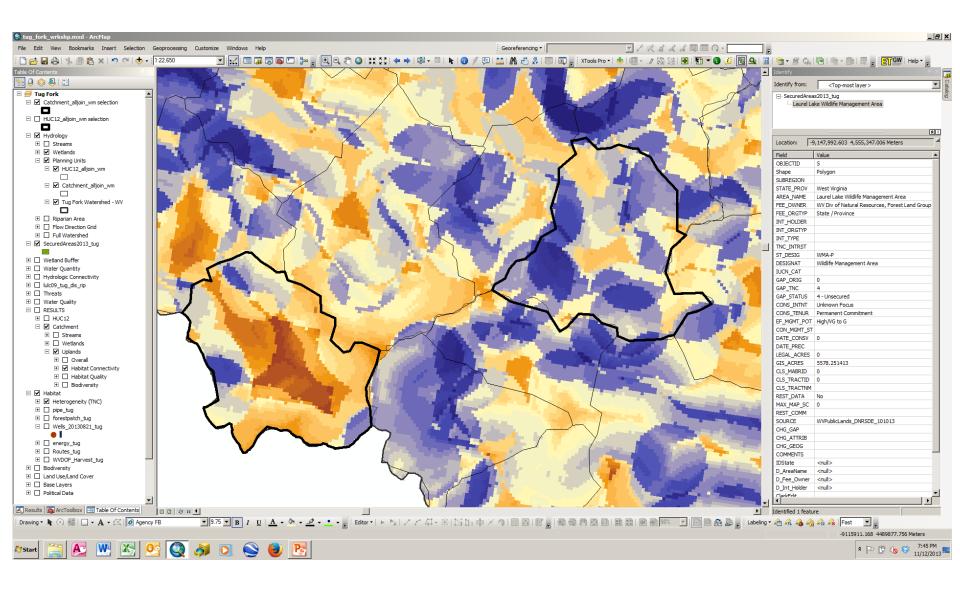
Panther Creek – Catchment Level Habitat Quality Results



Panther Creek- Catchment Level Uplands Overall Results, Protected Lands, Stream Network



Panther Creek – Catchment Level WVU-NRAC LULC 2009-10, Stream Network



Panther Creek – Catchment Level Heterogeneity



COMMENTS/QUESTIONS?