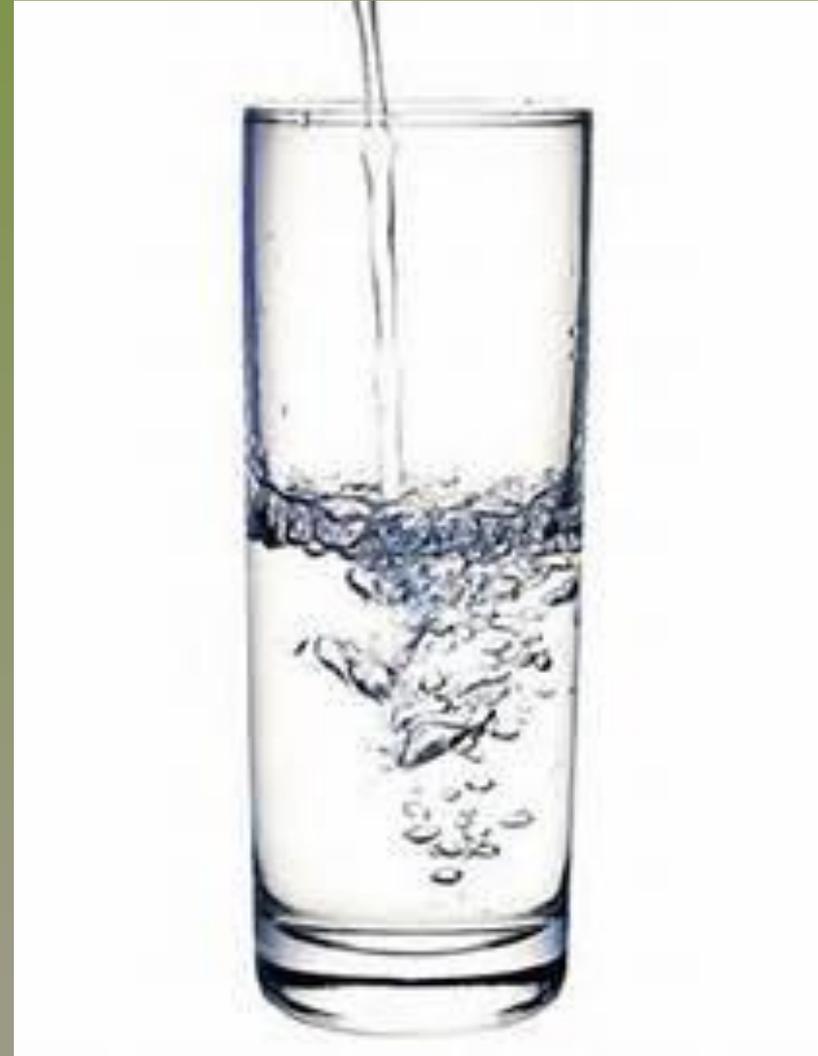


Virginia Department of Mines, Minerals and Energy



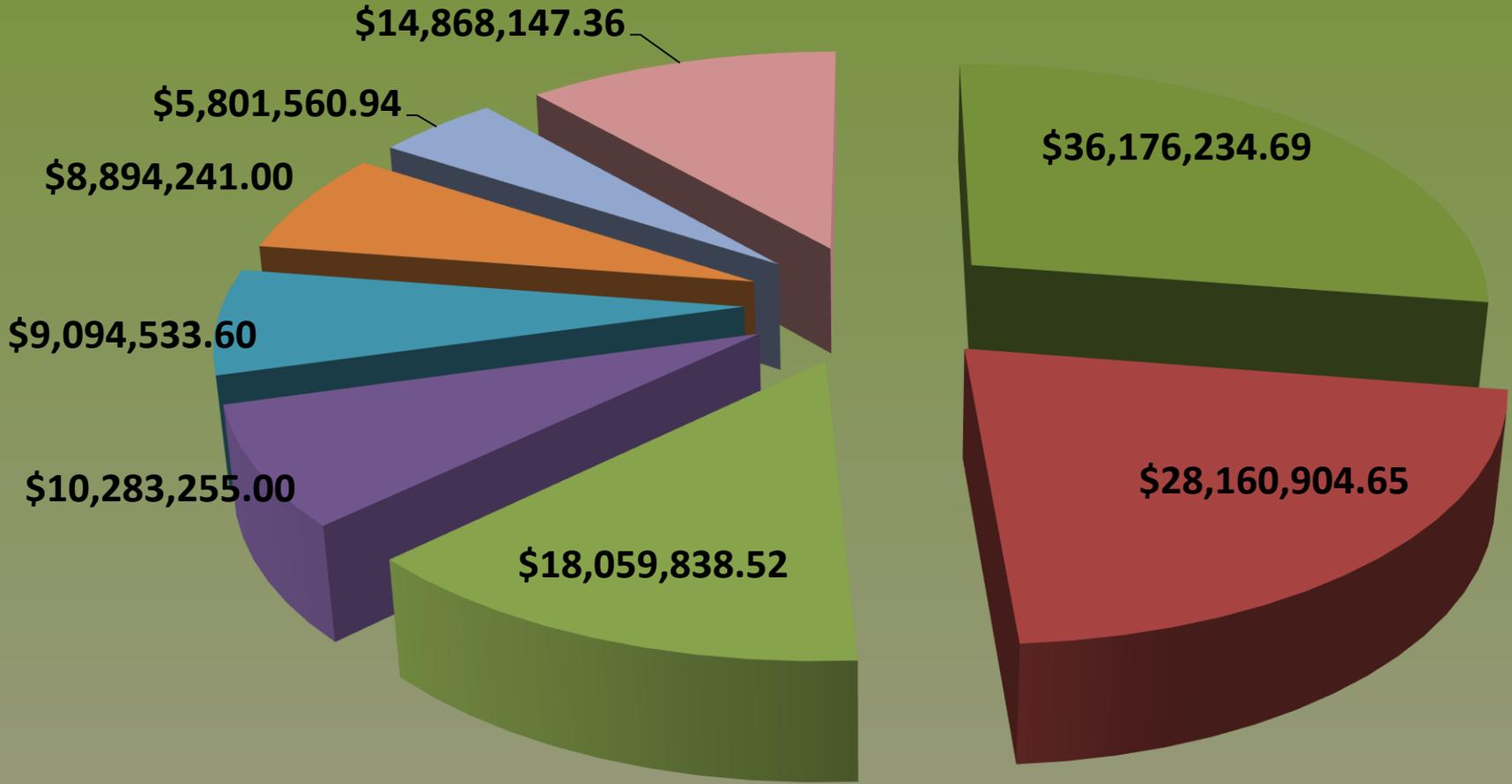
January 2016: Groundbreaking for Hurley Water Phase VI: DMME's funding contribution was \$1,000,000



March 2015: Groundbreaking for Hurley Water Phase V. DMME contributed \$4.75 million



AML Project Costs



Total Cost - \$131,338,715.76

- Water Supply Replacement
- Dangerous Slides
- Clogged Stream Lands
- Clogged Stream

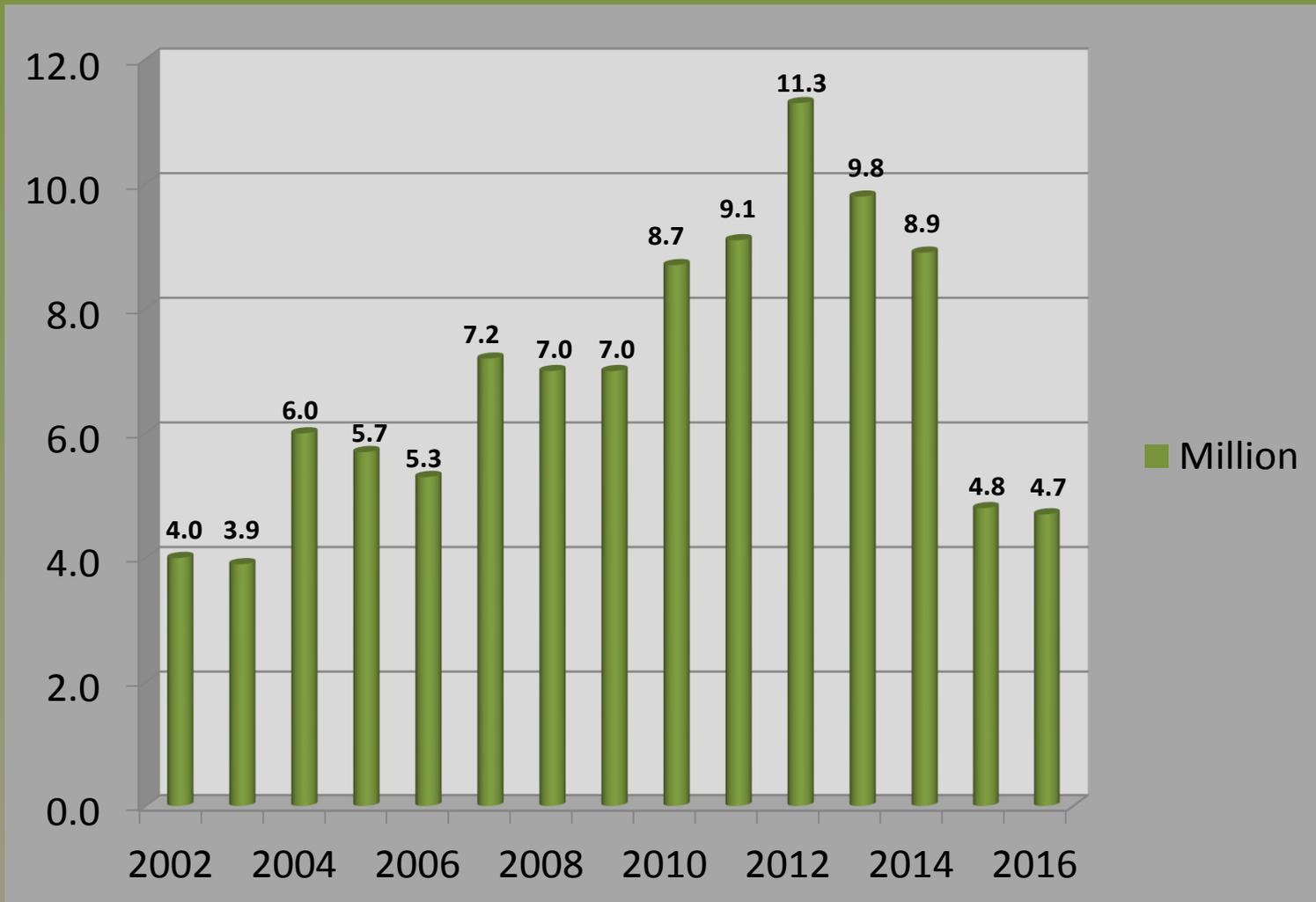
- Dangerous Highwalls
- Dangerous Piles & Embankments
- Portals
- All Others

Over 8700 water supplies replaced or enhanced with funding from the coal industry



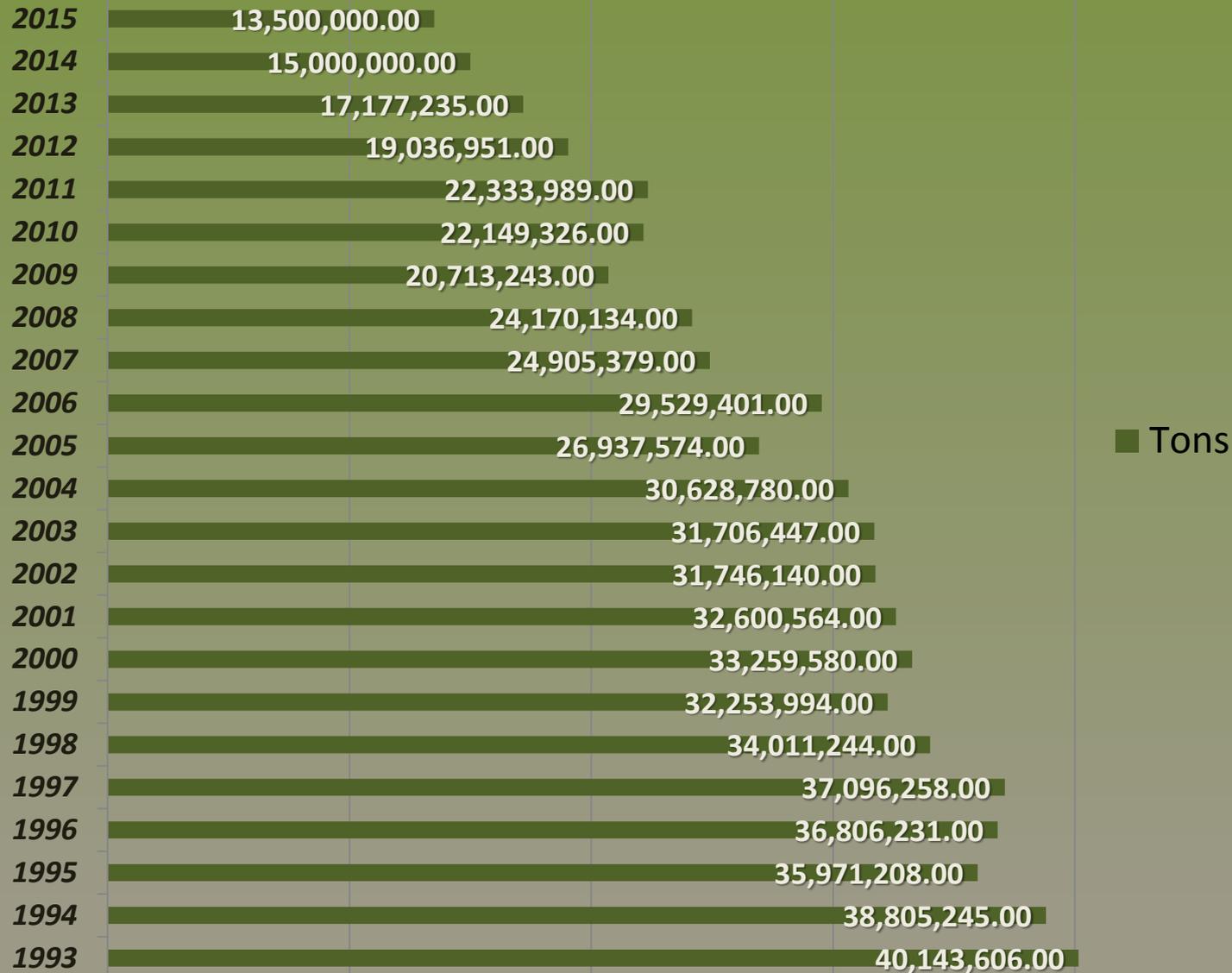
Reclamation fee: \$0.28/ton surface mine, \$0.12/ton deep mine

DMME's Abandoned Mine Land (AML) Grant Amounts



*Funds to reclaim abandoned mine lands come from reclamation fees paid by the coal industry. **Thanks** coal industry.*

Virginia Coal Production



Clinch River, Kyles Ford, TN



Ely Creek AMD Project



3/28/2001 12:58

Non – OSM Funding \$400,000 DEQ award



5-3-16

Good morning Richard,

I am please to announce that your proposal has been included as part of the Department of Environmental Quality, Notice of Intent to Award (NOIA) posted yesterday:

http://www.deq.virginia.gov/Portals/0/DEA/Water/NoPointSource/2015_NPS-WQIF_NOIA.pdf. As required

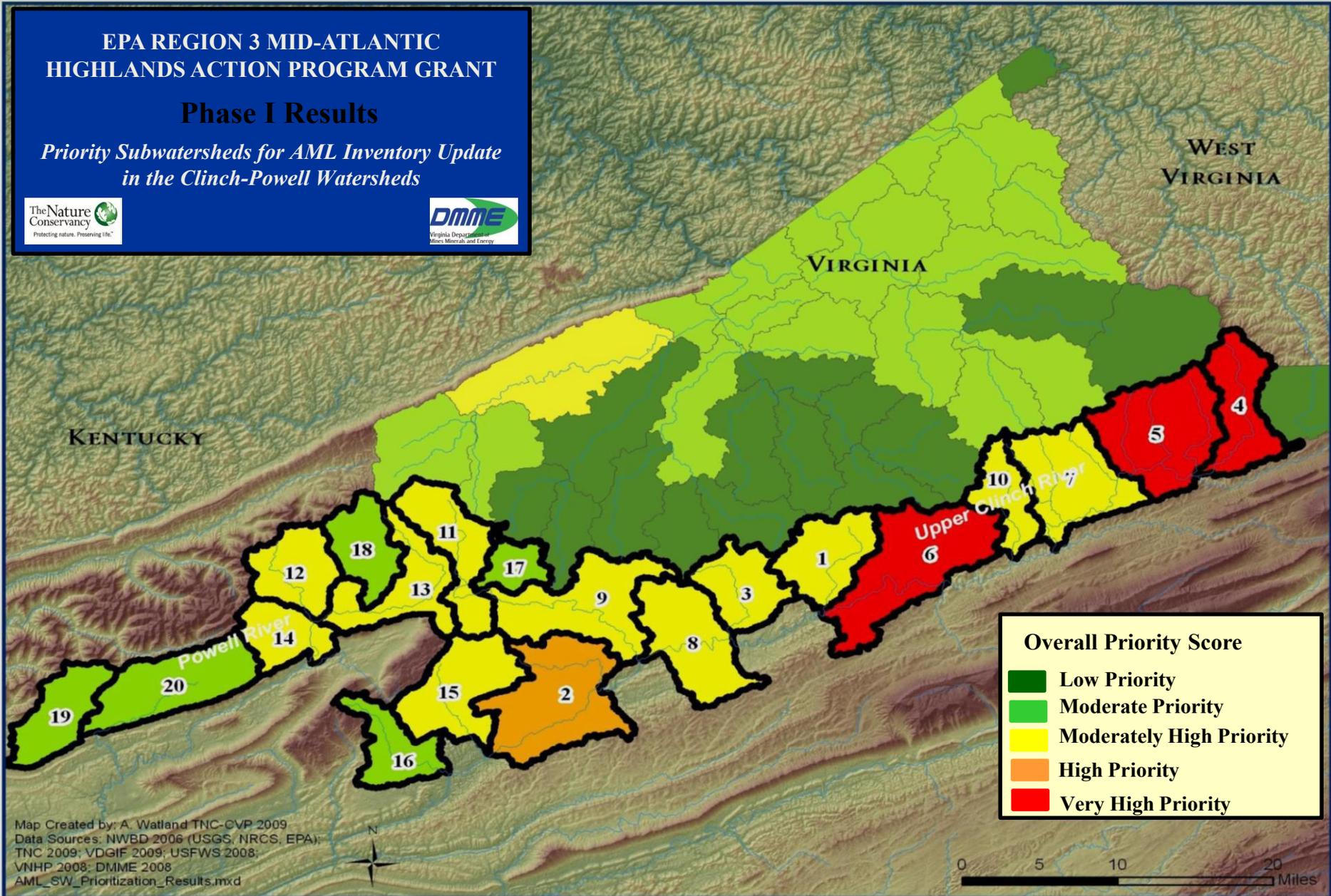
by the Water Quality Improvement Act, comments regarding proposals will be accepted for 30 days. Subject to comments, we will initiate contracting over the next several weeks. I look forward to working with you on this important project. Thank you!

Rick Hill
804-695-4469

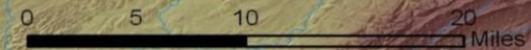
EPA REGION 3 MID-ATLANTIC
HIGHLANDS ACTION PROGRAM GRANT

Phase I Results

Priority Subwatersheds for AML Inventory Update
in the Clinch-Powell Watersheds



Map Created by: A. Watland TNC-CVP 2009
Data Sources: NWBD 2006 (USGS, NRCS, EPA);
TNC 2009; VDGIF 2009; USFWS 2008;
VNHP 2008; DMME 2008
AML_SW_Prioritization_Results.mxd



DMME/TNC Inventory Project in High Priority Watersheds

Black Creek - Remining and AMD Abatement



• *AMD abatement*

• *Benthic organisms recovering*

• *303d impaired stream*

• *Powell River tributary*

• *EPA approved TMDL*

• *Remining as implementation strategy*

Jackson Fork Portals - Tazewell County



Partnership project between TNC and DMME; funded by DEQ; Indian Creek; Clinch watershed



Clinch River – 2012 Nature Conservancy Acquisition

Parting Stories

- *TMDL stream delisting*
- *Acquisition of additional habitat*
- *Completion of AMD projects*
- *Streambank protections*
- *Sewage treatment projects*
- *U S Fish & Wildlife Service*
- *Dept. of Environmental Quality*
- *Dept. of Conservation & Recreation*
- *The Nature Conservancy*
- *Office of Surface Mining*
- *Army Corps*
- *Tennessee Valley Authority*
- *Soil & Water Districts*
- *Upper TN River Roundtable*



A scenic view of a river flowing through a forest. The river is surrounded by lush green trees and foliage. In the foreground, there are large, moss-covered rocks. The water is clear and flows over the rocks, creating small rapids and splashes. The overall atmosphere is peaceful and natural.

***THANK
YOU!***