



Jeremiah W. (Jay) Nixon, Governor

Sara Parker Pauley, Director

DEPARTMENT OF NATURAL RESOURCES

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MEMORANDUM

DATE: May 7, 2012

TO: Land Reclamation Commission

FROM: Michael Mueller, Chief (*Original Signed By Michael Mueller*)
Permits, Contracts and Design Unit

SUBJECT: AML Status Update

Abandoned Mine Land (AML) Reclamation Projects

HIGHLAND HIGHWALL RECLAMATION PROJECT

On May 2, 2012, the Highland Highwall Reclamation Project was deemed "Substantially Complete." All excavation activities have been completed, the site has been seeded, and all disturbed areas have been mulched to control erosion. This project reclaimed approximately 85 acres to eliminate an extremely dangerous highwall that is located immediately adjacent to a county gravel road. Additionally, dangerous and poorly vegetated spoil piles were graded and revegetated to create more suitable pastureland. This site is located near Calhoun, Missouri in Henry County. The work was finished well before the proposed contract completion date of June 28, 2011. Walters Excavating, LLC, of Lowry City, Missouri is currently working to demobilized their equipment from the site and is preparing his paperwork for final payment.

LITTLE TIPPLE RECLAMATION PROJECT

TRIAD Environmental Services submitted a revised preliminary design plan for this project on April 13, 2012. The AML staff is currently reviewing the plan drawings and will provide comments to the consultant upon review. This project will eliminate the health and safety hazards associated with one long wall and an endwall that are situated immediately adjacent to a county gravel road in southwestern Bates County. The estimated cost of construction is roughly \$300,000 to \$500,000.

LESTER DAVIS RECLAMATION PROJECT

This 38 acre project in Barton County is located on private lands and the Lester Davis State Memorial Forest, which is owned and managed by the Missouri Department of Conservation (MDC). This project will eliminate the health and safety hazards associated with several highwalls, and pits located immediately adjacent to a county gravel road. A pre-bid meeting was

held at Prairie State Park near Mindenmines, Missouri on April 25, 2012. Over ten contractors were in attendance for the pre-bid meeting. Final bids are due Thursday, May 10, 2012 at 1:30 pm. It is anticipated that construction will begin in early June 2012. The consultant's final cost estimate range for this project is \$847,000 to \$1,035,000.

ARDATH HIGHWALLS RECLAMATION PROJECT

The final design and development of the Ardath Highwalls Abandoned Mine Land Reclamation Project is nearly complete. The AML staff is currently working on the contract specifications and plans on meeting with the landowner to sign the Right of Entry for Reclamation forms. Reclamation of this site will eliminate two extremely dangerous highwalls, two Hazardous Water Bodies, and one Clogged Stream feature that is located immediately adjacent to heavily traveled county gravel roads. Following earth-moving activities, all disturbed areas will be revegetated with a mixture of warm-season grasses or cool-season grasses and legumes and subsequently fenced off to exclude livestock until the areas have been properly established for livestock pasture.

MILLERSBURG RECLAMATION PROJECT

The AML staff has initiated the preliminary design and development of the Millersburg Abandoned Mine Land Reclamation Project located in west-central Callaway County. Reclamation activities will include grading and revegetating two sites to reduce acid-sediment runoff into Miller's Creek. Additionally, this work will eliminate a dangerous highwall grade barren and eroding spoil piles, eliminate two polluted water bodies, and address clogged stream conditions. After final grading, all disturbed areas will be revegetated with a mixture of warm-season grasses or cool-season grasses and legumes for livestock pasture.

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