Authorization to Proceed (ATP)

Booker Fork Refuse
Abandoned Mine Land (AML) Enhancement Rule Project
based on or Categorical Exclusion (CX)
Pike County, Kentucky

The Office of Surface Mining Reclamation and Enforcement (OSM) has completed a review of the December 15, 2010, request for ATP with construction activity on the Booker Fork Refuse Abandoned Mine Land (AML) Enhancement Rule Project prepared by the Kentucky Department for Natural Resources, Division of Abandoned Mine Lands (DAML).

OSM found that the appropriate request documents were submitted and appear to support the need for the proposed construction activity. OSM confirmed that the required information for this project has been included in the AML Inventory System (AMLIS) for Problem Areas (PA) #s KY-4059-SGA and KY-4059-ENH are not currently in the system due to recent system modifications to the AMLIS; however DAML has agreed to input the appropriate information as soon as it is available. OSM has previously signed approval forms for the new KY-4059-SGA and KY-4059-ENH.

OSM reviewed the categorical exclusion (CX) certification prepared by DAML for this project. OSM determined that the construction activity requested under this project conforms to the exclusion criteria in 516 DM 2 and 13, does not involve any of the general exceptions in 516 DM 13.5(A)(33) or extraordinary circumstances listed in 516 DM 2, Appendix 2, and is excluded from further NEPA compliance. Please give special attention to the following recommendation (s).

- With the exception of trees directly impacted by the AML problem, there is no purposeful removal of standing trees larger than 5 inches diameter at breast height or standing snags with loose bark that are 9 inch or greater diameter at breast height and at least 10 feet in height, during the period of April 1 to October 14, and provided the activity does not occur in "Known Indiana Bat Habitat".

Accordingly, pursuant to Section 5-11-20D.3 of the Federal Assistance Manual and my signature on this notification document, DAML is authorized to proceed with the construction activity for this project as described in the ATP request documents submitted by DAML for this project and further conditioned in this notification, and expend Federal funds in accordance with AML grant terms and conditions.

Joseph L. Blackburn, Field Office Director
OSM Lexington Field Office

1/3/2011
Date

UNITED STATES DEPARTMENT OF THE INTERIOR
Office Of Surface Mining Reclamation And Enforcement
ABANDONED MINE LANDS
CATEGORICAL EXCLUSION CERTIFICATION AND DETERMINATION

State: KY PA: KY 4059 SGA & KY 4059 ENH
Project Name: Booker Fork Refuse AML Enhancement Rule Project
Project Description: Removal of 4.5 acres of coal refuse.

I. GENERAL EXCEPTIONS

Does the project type specifically require an EA in 516 DM 6, Appendix 8, as specified in Item I of the attached instructions? No [x] Yes [ ]

II. DEPARTMENT OF INTERIOR EXCEPTIONS

Will the project have any of the following:

A significant adverse effect on public health or safety? No [x] Yes [ ]

An adverse effect on any of the following unique geographic characteristics? If 'yes,' check the ones that apply: No [x] Yes [ ]

[ ] Parks (state, local or National)
[ ] Recreation or Refuge Lands
[ ] Wilderness Areas
[ ] Ecologically Significant or Critical Areas
[ ] Prime Farmlands
[ ] Wild or Scenic Rivers
[ ] Wetlands
[ ] Floodplains
[ ] Sole or Principal Drinking Water Aquifers

Highly controversial environmental effects? No [x] Yes [ ]

Highly uncertain and potentially significant environmental effects or unique or unknown environmental risks? No [x] Yes [ ]

A precedent for future action or a decision in principle about future actions with potentially significant environmental effects? No [x] Yes [ ]

Directly related to other actions with individually insignificant but cumulatively significant environmental effects? No [x] Yes [ ]

Adverse effects on properties listed or eligible for listing on the National Register of Historic Places? No [x] Yes [ ]

Adverse effects on species listed or proposed to be listed on the List of Endangered or Threatened Species, or have adverse effects on designated Critical Habitat for these species? No [x] Yes [ ]

Require compliance with Executive Order 11988 (Floodplain Manage ..ent), Executive Order 11990 (Wetlands Protection) or The Fish and Wildlife Coordination Act?	No [x]	Yes [ ]
Threaten to violate a Federal, State, Tribal or local law or requirement imposed for the protection of the environment?	No [x]	Yes [ ]

III. RESOURCE IMPACT EXCEPTIONS

Are there any unresolved issues or adverse effects requiring specialized mitigation for any of the following resources? If yes, check the ones that apply. No [x] Yes [ ]

[ ] Topography
[ ] Land Use (includes prime farmland)
[ ] Soils
[ ] Vegetation (includes wetlands)
[ ] Hydrology
[ ] Fish and Wildlife
[ ] Historic and Cultural
[ ] Recreation
[ ] Air Quality
[ ] Noise
[ ] Other (includes socio-economics)

IV. ATTACH CONSULTATION LETTERS AND A LOCATION MAP

V. RESPONSIBLE OFFICIAL CERTIFICATION

Signature: Steve Hohmann Date: 12/15/10

Name and Title: Steve Hohmann, Director
Division of Abandoned Mine Lands

VI. OSM DETERMINATION

[x] This project conforms with the exclusion criteria in 516 Dm 6, Appendix 8, and is excluded from further NEPA compliance.

[ ] This project does not conform with the exclusion criteria in 516 DM 6, Appendix 8, and requires an environmental assessment.

Signature: Joseph L. Blackburn Date: January 3, 2011

Name and Title: Joseph L. Blackburn, Field Office Director

Memorandum

Date: January 3, 2011

To: Booker Fork Refuse Abandoned Mine Land (AML) Enhancement Rule Project File SubAccount# 98.086300000

From: Corey Miller, Program Specialist
Lexington Field Office (LFO), Program Support Branch (PSB)

Subject: Review of "Authorization to Proceed" (ATP) Request

The Branch recommends that the Field Office Director (FOD) authorize the State of Kentucky to proceed with the construction activity proposed on the Booker Fork Refuse Abandoned Mine Land (AML) Enhancement Rule Project. The Branch prepared an ATP letter, Categorical Exclusion (CX) for the FOD review. The Branch recommends that the FOD sign the (CX) and ATP in the space provided on each document. The original signed ATP letter will be sent to the Division of Abandoned Mine Lands (DAML) Director, along with associated approval documents consisting of a copy of the LFO review memorandum and CX. A scanned copy of these authorization documents will be attached to an email to the Department for Natural Resources (DNR) Commissioner.

The Kentucky DAML ATP request dated December 15, 2010, was received at LFO attached to an email on December 15, 2010. The ATP was processed within 13 working days; therefore, the customer service target of 14 working days to process an ATP was met. The ATP was processed in 19 calendar days; therefore, the Federal employee performance appraisal standard of 30 calendar days to process an ATP was met.

DAML did not designate a funding source under the budget category entitled Project Costs (Non-Water Supply) of any of Kentucky's AML Annual Construction Grants (ACG). In previous discussions, DNR indicated they would assign projects to a grant before they go to construction. Until a final AG and Location Code are assigned the LFO Project/Site ID # 98.086300000 was assigned to the project file for LFO tracking purposes until actual AG and Location Code numbers are assigned by DAML and can be inserted in the appropriate positions at the beginning and end of the LFO Project #. No bid advertisement, bid opening, or construction completion dates were provided by DAML in the ATP request letter, therefore I inserted dates in the database based on the ATP request letter stating that these activities will occur as soon as possible. The following proposed dates were assigned and entered by LFO for database tracking purposes: Bid Advertisement Date was entered as January 1, 2011, Contract Award was entered as January 15, 2011, and Contract/Construction Completion was entered as January 15, 2012.

An office review of the request documents was conducted. The documents consisted of; a project description, an AML Enhancement Rule determination, a signed Cooperative Reclamation Agreement between the Department for Natural Resources and the contractor, with a reclamation workplan, technical specifications, and construction plans, a location map, a National Environmental Policy Act (NEPA) review documented in a CX with agency consultation response letters attached; and an Abandoned Mine Land Inventory System (AMLIS) Problem Area Description (PAD) summary and appropriate Priority Documentation Forms, with engineer cost estimates for PA# KY-004059-SGA.

A pre-approval field inspection of the proposed project was deemed unnecessary, since no unique characteristics warranting special field verification were noted and it wasn't selected for field verification under the EY 2011 Oversight Agreement.

The CX previously submitted for the construction activity at the site was reviewed and found to adequately document the environmental review of the construction activity within the current NEPA review guidance. The use of a CX is acceptable for the construction activity proposed in this project because all items on the CX have a response of "No." The project type does not meet any of the ten general exceptions, in 516 DM 13.5(B)(33), that would require preparation of an Environmental Assessment.

The project involves: no more than 100 acres; no hazardous wastes; no explosives; no hazardous or explosive gases; no dangerous impoundments; no mine fires and refuse fires; no undisturbed, noncommercial borrow or disposal sites; no dangerous slides where abatement has the potential for damaging inhabited property; no subsidences involving the placement of material into underground mine voids through drilled holes to address more than one structure; and no unresolved issues with agencies, persons, or groups or adverse effects requiring specialized mitigation.

In addition, none of the twelve extraordinary circumstances listed in 516 DM 2, Appendix 2, exist on the project. All access is through a 60 ft wide temporary creek crossing that will be construct the drainage path to mirror the natural configuration. There are no unresolved issues or adverse effects requiring specialized mitigation.

No significant impacts have been reported to this office or identified by the Branch. The Branch recommends that the Office of Surface Mining Reclamation and Enforcement (OSM) accept the CX submitted by the Kentucky DAML. The ATP request letter summarized the responses from agencies consulted for the NEPA review and discussed appropriate resolution of all their concerns and recommendations. The responses from agencies consulted for the NEPA review include the following comments and/or recommendations.

The Kentucky Department of Fish and Wildlife Resources (KDFWR) identified one known federally threatened/endangered fish and wildlife species (Blackside dace) within a 10 mile radius of the project area. They also identified a record of one state listed

species (American black bear) of concern within 1 mile radius of the project area. They recommended coordination with the U.S. Fish and Wildlife Service's Kentucky Field Office concerning their additional concerns for the federally endangered species within Kentucky. The DAML Staff biologist submitted a written review of the concerns highlighted in the KDFWR letter in the ATP request. Based on the review, the American black bear should not be negatively affected as the project is adjacent to residential populations and it is among thousands of acres of similar habitat. The Blackside dace is endemic to the upper Cumberland River drainage basin. The proposed project in the Sandy River/Tygart's Creek drainage basin, and therefore will not affect the dace. Also, the proposed erosion control plan is designed to lower the potential for run-off from the construction area. The overall result of removing the refuse from the area should be improved by removing this source of contaminants.

The DAML staff biologist reviewed the Kentucky State Nature Preserves Commission's (KSNPC) BIOTICS database in lieu of further consultation. The findings are noted in the ATP request letter and an attached memorandum. DAML found that KSNPC data indicated no federally listed threatened or endangered species within a 10-mile radius and two species of State concern within a 1-mile radius of the project. DAML listed and discussed each species in the biologist's memorandum, and their ATP request letter, finding that the noted species will not be impacted, since the project will not result in a significant negative impact to their critical habitat and/or suitable habitat does not exist within the project area to support the species. No reason was identified to dispute their determination.

The DAML Biologist also noted that the federally listed endangered Indiana bat, although not indicated to exist in the project vicinity; by his and the KDFWR reviews, would not be disturbed by the project. This is based on the fact that the project proposes to disturb no mine portals, cliffs, or caves, and proposes no disturbance of forested areas that could be utilized as roosting sites other than that area impacted by the AML problem that is creating a threat to the public; and in the event that any trees that represent potential Indiana bat habitat need to be removed, removal will only occur between October 15 and March 31, to avoid potential impacts to the Indiana bat.

In a meeting held in February 2010, between LFO, USFWS Kentucky Field Office (KFO) and DAML; Steve Hohmann, Director of DAML, offered to coordinate NEPA consultation with the KFO of the USFWS in Frankfort, Kentucky, utilizing the agreements in the September 18, 2009, Memorandum of Agreement (MOA) signed by the OSM, LFO and USFWS, KFO. This document outlined the acceptable conditions that the projects potential impacts can have where the KFO will not need to be further consulted for comment. When the conditions within the agreement are present, processing of the ATP may proceed with the confidence that the biological environment is being protected. It was agreed to by all parties, acknowledging that LFO would retain the final review to determine if the NEPA documentation is complete.

After review of the ATP documents for this project, which included consultation with the KSNPC and the KDFWR, DAML determined that additional consultation with the USFWS is not required because the proposed project will not adversely affect a federally listed species (Federal Assistance Manual (FAM) Chapter 5-11-15, A. 3.)

The conditions in the MOA are met because:

- There will be no purposeful removal of standing trees larger than 5 inches diameter at breast height or standing snags with loose bark that are 9 inch or greater diameter at breast height and at least 10 feet in height, during the period of April 1 to October 14, and the proposed activity does not occur in "Known Indiana Bat Habitat".

- No caves or clifflines will be disturbed;

- No purposeful filling or crossing of streams using heavy equipment or the removal of riparian vegetation using heavy equipment within the Tradewater, lower Ohio, Upper Cumberland, Green, and Licking River basins.

- In order to avoid/reduce indirect impacts, erosion and sediment control plans will be implemented and monitored until permanent vegetation has become established in the above listed watersheds and all other watersheds as may be appropriate.

With the specifics of the proposal meeting the criteria set out in the MOA, OSM agrees with DAML's determination that the proposed project would not adversely impact the species if these conditions are present. With this information, they found the requirements of Section 7 of the Endangered Species Act have been fulfilled.

The Office of State Archaeology found that their records did not indicate any known archaeological sites directly in the project area, and past disturbance to the project area make it unlikely that archaeological sites will be preserved. The Kentucky Heritage Council and State Historic Preservation Officer (SHPO) determined that the proposed project will not impact any Historic Properties or sites are within the project areas, and an archaeological survey will not be necessary. This fulfills the responsibility to consult with the SHPO under the Section 106 review process. Neither agency recommended conducting archeological surveys/investigations or mitigation measures.

Environmental and Public Protection Cabinet (EPPC) (changed to the Environment and Energy Cabinet (EEC) in July 2008) Secretary order dated, December 12, 2006, transferred authority for issuance of Clean Water Act (CWA) Section 401 Water Quality Certifications (WQC) associated with surface coal mine operations, to include any reclamation projects proposed by the DAML, to the Kentucky Department for Natural Resources (DNR). DNR assigned this responsibility to their Division of Mine Permits

(DMP). The DMP determined from the written description that the project does not impact a stream or wetland that requires a specific 401 Water Quality Certification.

DMP also noted that the project information indicates that there will be no stream impact resulting from the placement of dredged or fill material within the waters of the Commonwealth. Therefore, a 404 Clean Water Act (CWA) permit is not needed based upon DMP and DAML application of criteria provided by the U.S. Army Corps of Engineers (COE).

Under a 2005 agreement with the DOW Floodplain Management Section (FMS) of the Water Resources Branch, DOW authorized DAML to apply DOW floodplain standards in lieu of a DOW review. In this agreement, DAML will directly consult with DOW if it appears a permit may be required. DAML has acquired a set of Federal Emergency Management Agency (FEMA) floodplain maps that include the project area. DAML's Design Branch personnel researched these maps and have determined that the project is not within the base floodplain and no floodplain permits are required; this is noted in the ATP project description which is prepared by the Design Branch.

The comments from the Kentucky State Clearinghouse, Kentucky's "Single Point of Contact" (SPOC) pertaining to AML Non-Water Supply projects included no comments that affect this proposal. The information to update PA #'s KY-4059-SGA and KY-4059-ENH was input into the AMLIS by the DAML. This information reflects the changes in units and costs based upon the design and classification of the funded category. This was confirmed by LFO's review of the AMLIS data and a PAD summary printout from the OSM HDQ AMLIS database. PA #s KY-4059-SGA and KY-4059-ENH was represents a "new Problem Area" requiring FOD approval under OSM Directive AML-1-2 (signed June 22, 2007). A FOD approval forms were prepared for each PA and approved by the FOD. The signed forms will be kept on file at LFO and a copy of each will be transmitted to DAML as an enclosure with their copy of the ATP letter.