APPROVED JURISDICTIONAL DETERMINATION FORM U.S. Army Corps of Engineers

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

SECTION I:	BACKGROUNI	D INFORMATION

- A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): August 19, 2013
- B. DISTRICT OFFICE, FILE NAME, AND NUMBER: CENAB-OP-RPA-2007-09391-P23 (Bower Surface Mine)
- C. PROJECT LOCATION AND BACKGROUND INFORMATION: This approved JD is for three waters and one wetland as depicted on the plan, entitled "Wetland Delineation Plan for Cedar Rocks Materials", prepared by Rettew Associates, Inc., dated January 21, 2008 & revised April 3, 2008, Sheet No. 2 of 3, Drawing No. 07-07954-001.

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Cente Name Name Name © 0	Pennsylvania County/parish/borough: Luzerne County City: Salem Township or coordinates of site (lat/long in degree decimal format): Lat. 41deg 06' 55.89" N, Long77deg 08' 51.27" W. of nearest waterbody: Unnamed Tributary to Susquehanna River of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: Susquehanna River of watershed or Hydrologic Unit Code (HUC): 02050101 Upper Susquehanna Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request. Check if other sites (e.g., offsite mitigation sites, disposal sites, etc) are associated with this action and are recorded on a different JD form: October 08, 2009 approved JD for Wetland #1, situated on an adjacent mining area also located on the Bower property. Wetland #1 was determined by the Corps and EPA to be isolated and not subject to Section 404 of the Gederal Clean Water Act.
	IEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY): Office (Desk) Determination. Date:
⊠ F	Field Determination. Date(s): October 20, 2009
SECTION A. RHAS	HII: SUMMARY OF FINDINGS SECTION 10 DETERMINATION OF JURISDICTION.
review area	"no "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the a. [Required] Waters subject to the ebb and flow of the tide. Waters are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce. Explain:
B. CWA	SECTION 404 DETERMINATION OF JURISDICTION.
There Are	"waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [Required]
a.	Indicate presence of waters of U.S. in review area (check all that apply): TNWs, including territorial seas Wetlands adjacent to TNWs Relatively permanent waters² (RPWs) that flow directly or indirectly into TNWs Non-RPWs that flow directly or indirectly into TNWs Wetlands directly abutting RPWs that flow directly or indirectly into TNWs Wetlands adjacent to but not directly abutting RPWs that flow directly or indirectly into TNWs Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs Impoundments of jurisdictional waters Isolated (interstate or intrastate) waters, including isolated wetlands
b.	 Identify (estimate) size of waters of the U.S. in the review area: Review area includes waters as depicted on plans entitled "Wetland Delineation Plan for Cedar Rocks Materials", dated January 21, 2008, Sheet No. 2 of 3, Drawing No. 07-07954 001. Non-wetland waters: unnamed tributary to Susquehanna River (Stream #1) 1830linear feet unnamed tributary to Susquehanna River (Stream #2) 500linear feet unnamed tributary to Susquehanna River (Stream #3) 300linear feet

Wetlands: Wetland #2 = 4.295 acres.

Elevation of established OHWM (if known):unknown.

c. Limits (boundaries) of jurisdiction based on: 1987 Delineation Manual and Ordinary High Water Mark

¹ Boxes checked below shall be supported by completing the appropriate sections in Section III below.

² For purposes of this form, an RPW is defined as a tributary that is not a TNW and that typically flows year-round or has continuous flow at least "seasonally"

	2.	Non-regulated waters/wetlands (check if applicable): Potentially jurisdictional waters and/or wetlands were assessed within the review area and determined to be not jurisdictional. Explain:
SE	CTIO	ON III: CWA ANALYSIS
A.	TN	Ws AND WETLANDS ADJACENT TO TNWs
	Sec	agencies will assert jurisdiction over TNWs and wetlands adjacent to TNWs. If the aquatic resource is a TNW, complete tion III.A.1 and Section III.D.1. only; if the aquatic resource is a wetland adjacent to a TNW, complete Sections III.A.1 and 2 Section III.D.1.; otherwise, see Section III.B below.
	1.	TNW Identify TNW: .

Wetland adjacent to TNW

Summarize rationale supporting conclusion that wetland is "adjacent":

Summarize rationale supporting determination:

B. CHARACTERISTICS OF TRIBUTARY (THAT IS NOT A TNW) AND ITS ADJACENT WETLANDS (IF ANY):

This section summarizes information regarding characteristics of the tributary and its adjacent wetlands, if any, and it helps determine whether or not the standards for jurisdiction established under Rapanos have been met.

The agencies will assert jurisdiction over non-navigable tributaries of TNWs where the tributaries are "relatively permanent waters" (RPWs), i.e. tributaries that typically flow year-round or have continuous flow at least seasonally (e.g., typically 3 months). A wetland that directly abuts an RPW is also jurisdictional. If the aquatic resource is not a TNW, but has year-round (perennial) flow, skip to Section III.D.2. If the aquatic resource is a wetland directly abutting a tributary with perennial flow, skip to Section III.D.4.

A wetland that is adjacent to but that does not directly abut an RPW requires a significant nexus evaluation. Corps districts and EPA regions will include in the record any available information that documents the existence of a significant nexus between a relatively permanent tributary that is not perennial (and its adjacent wetlands if any) and a traditional navigable water, even though a significant nexus finding is not required as a matter of law.

If the waterbody4 is not an RPW, or a wetland directly abutting an RPW, a JD will require additional data to determine if the waterbody has a significant nexus with a TNW. If the tributary has adjacent wetlands, the significant nexus evaluation must consider the tributary in combination with all of its adjacent wetlands. This significant nexus evaluation that combines, for analytical purposes, the tributary and all of its adjacent wetlands is used whether the review area identified in the JD request is the tributary, or its adjacent wetlands, or both. If the JD covers a tributary with adjacent wetlands, complete Section III.B.1 for the tributary, Section III.B.2 for any onsite wetlands, and Section III.B.3 for all wetlands adjacent to that tributary, both onsite and offsite. The determination whether a significant nexus exists is determined in Section III.C below.

1. Characteristics of non-TNWs that flow directly or indirectly into TNW

(i)	General Area Conditions: Watershed size: Pick List Drainage area: Pick List Average annual rainfall: inches Average annual snowfall: inches
(ii)	Physical Characteristics: (a) Relationship with TNW: Tributary flows directly into TNW. Tributary flows through Pick List tributaries before entering TNW. Project waters are Pick List river miles from TNW. Project waters are Pick List river miles from RPW. Project waters are Pick List aerial (straight) miles from TNW. Project waters are Pick List aerial (straight) miles from RPW.

³ Supporting documentation is presented in Section III.F.

⁴ Note that the Instructional Guidebook contains additional information regarding swales, ditches, washes, and erosional features generally and in the arid West.

	Project waters cross or serve as state boundaries. Explain:
	Identify flow route to TNW ⁵ :
	Tributary stream order, if known:
(b)	General Tributary Characteristics (check all that apply): Tributary is: Natural Artificial (man-made). Explain: Manipulated (man-altered). Explain:
	Tributary properties with respect to top of bank (estimate): Average width: feet Average depth: feet Average side slopes: Pick List.
	Primary tributary substrate composition (check all that apply): Silts Sands Concrete Cobbles Gravel Muck Bedrock Vegetation. Type/% cover: Other. Explain:
	Tributary condition/stability [e.g., highly eroding, sloughing banks]. Explain: Presence of run/riffle/pool complexes. Explain: Tributary geometry: Pick List Tributary gradient (approximate average slope): %
(c)	Flow: Tributary provides for: Pick List Estimate average number of flow events in review area/year: Pick List Describe flow regime: Other information on duration and volume:
	Surface flow is: Pick List. Characteristics: .
	Subsurface flow: Pick List. Explain findings: Dye (or other) test performed:
	Tributary has (check all that apply): Bed and banks OHWM ⁶ (check all indicators that apply): clear, natural line impressed on the bank changes in the character of soil shelving vegetation matted down, bent, or absent leaf litter disturbed or washed away sediment deposition water staining other (list): Discontinuous OHWM. Explain:
	If factors other than the OHWM were used to determine lateral extent of CWA jurisdiction (check all that apply): High Tide Line indicated by:
(iii) Che	emical Characteristics:

⁵ Flow route can be described by identifying, e.g., tributary a, which flows through the review area, to flow into tributary b, which then flows into TNW.

⁶A natural or man-made discontinuity in the OHWM does not necessarily sever jurisdiction (e.g., where the stream temporarily flows underground, or where the OHWM has been removed by development or agricultural practices). Where there is a break in the OHWM that is unrelated to the waterbody's flow regime (e.g., flow over a rock outcrop or through a culvert), the agencies will look for indicators of flow above and below the break.

⁷Ibid.

			racterize tributary (e.g., water color is clear, discolored, only film; water quanty; general watershed characteristics, etc Explain: tify specific pollutants, if known:
	(iv)	Biol	ogical Characteristics. Channel supports (check all that apply): Riparian corridor. Characteristics (type, average width): Wetland fringe. Characteristics: Habitat for: Federally Listed species. Explain findings: Fish/spawn areas. Explain findings: Other environmentally-sensitive species. Explain findings: Aquatic/wildlife diversity. Explain findings:
2.	Cha	ract	eristics of wetlands adjacent to non-TNW that flow directly or indirectly into TNW
	(i)		Sical Characteristics: General Wetland Characteristics: Properties: Wetland size: acres Wetland type. Explain: Wetland quality. Explain: Project wetlands cross or serve as state boundaries. Explain:
		(b)	General Flow Relationship with Non-TNW: Flow is: Pick List. Explain:
			Surface flow is: Pick List Characteristics:
			Subsurface flow: Pick List. Explain findings: Dye (or other) test performed:
		(c)	Wetland Adjacency Determination with Non-TNW: ☐ Directly abutting ☐ Not directly abutting ☐ Discrete wetland hydrologic connection. Explain: ☐ Ecological connection. Explain: ☐ Separated by berm/barrier. Explain:
		(d)	Proximity (Relationship) to TNW Project wetlands are Pick List river miles from TNW. Project waters are Pick List aerial (straight) miles from TNW. Flow is from: Pick List . Estimate approximate location of wetland as within the Pick List floodplain.
	(ii)	Cha	emical Characteristics: uracterize wetland system (e.g., water color is clear, brown, oil film on surface; water quality; general watershed characteristics; etc.). Explain: ntify specific pollutants, if known:
	(iii) Bio	logical Characteristics. Wetland supports (check all that apply): Riparian buffer. Characteristics (type, average width): Vegetation type/percent cover. Explain: Habitat for: Federally Listed species. Explain findings: Fish/spawn areas. Explain findings: Other environmentally-sensitive species. Explain findings: Aquatic/wildlife diversity. Explain findings:
3.	Ch	All	wetland(s) being considered in the cumulative analysis: Pick List proximately () acres in total are being considered in the cumulative analysis.

For each wetland, specify the following:

Directly abuts? (Y/N)

Size (in acres)

Directly abuts? (Y/N)

Size (in acres)

Summarize overall biological, chemical and physical functions being performed:

C. SIGNIFICANT NEXUS DETERMINATION

A significant nexus analysis will assess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of a TNW. For each of the following situations, a significant nexus exists if the tributary, in combination with all of its adjacent wetlands, has more than a speculative or insubstantial effect on the chemical, physical and/or biological integrity of a TNW. Considerations when evaluating significant nexus include, but are not limited to the volume, duration, and frequency of the flow of water in the tributary and its proximity to a TNW, and the functions performed by the tributary and all its adjacent wetlands. It is not appropriate to determine significant nexus based solely on any specific threshold of distance (e.g. between a tributary and its adjacent wetland or between a tributary and the TNW). Similarly, the fact an adjacent wetland lies within or outside of a floodplain is not solely determinative of significant nexus.

Draw connections between the features documented and the effects on the TNW, as identified in the *Rapanos* Guidance and discussed in the Instructional Guidebook. Factors to consider include, for example:

- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to carry pollutants or flood waters to TNWs, or to reduce the amount of pollutants or flood waters reaching a TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), provide habitat and lifecycle support functions for fish and other species, such as feeding, nesting, spawning, or rearing young for species that are present in the TNW?
- Does the tributary, in combination with its adjacent wetlands (if any), have the capacity to transfer nutrients and organic carbon that support downstream foodwebs?
- Does the tributary, in combination with its adjacent wetlands (if any), have other relationships to the physical, chemical, or biological integrity of the TNW?

Note: the above list of considerations is not inclusive and other functions observed or known to occur should be documented below:

- 1. Significant nexus findings for non-RPW that has no adjacent wetlands and flows directly or indirectly into TNWs. Explain findings of presence or absence of significant nexus below, based on the tributary itself, then go to Section III.D:
- 2. Significant nexus findings for non-RPW and its adjacent wetlands, where the non-RPW flows directly or indirectly into TNWs. Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:
- 3. Significant nexus findings for wetlands adjacent to an RPW but that do not directly abut the RPW. Explain findings of presence or absence of significant nexus below, based on the tributary in combination with all of its adjacent wetlands, then go to Section III.D:

D. DETERMINATIONS OF JURISDICTIONAL FINDINGS. THE SUBJECT WATERS/WETLANDS ARE (CHECK ALL THAT APPLY):

l.	TNWs and Ad	ljacent Wetlands.	Check all that apply	y and provide size estimates in review area:
	TNWs:	linear feet	width (ft), Or,	acres.
	☐ Wetlands a	djacent to TNWs:	acres.	

2. RPWs that flow directly or indirectly into TNWs.

- Tributaries of TNWs where tributaries typically flow year-round are jurisdictional. Provide data and rationale indicating that tributary is perennial: USGS Berwick, PA quad sheet depicts Stream #1 as perennial with a solid blue line. NWI Berwick, PA map depicts Stream #1 as R3OWH. Corps' October 2009 site visit confirmed flow in Stream #1 and a defined bed and bank channel. Stream #1 is also reported in Rettew's wetland delineation report (section 5.3), dated April 2008, as a perennially flowing water with a defined bed and bank. Stream #3 is not depicted on USGS Berwick quad, but Rettew's wetland delineation report describes it having perennial flow with a defined bed and bank channel. Stream #3 crosses under the stone lane that accesses the site, adjacent to Mingle Inn Road. Stream #3 originates off-site to the west, and continues off-site to the east, converging with Stream #1 off-site.
- Tributaries of TNW where tributaries have continuous flow "seasonally" (e.g., typically three months each year) are

jurisdictional. Data supporting this conclusion is provided at Section III.B. Provide rationale indicating that tributary flows seasonally: Rettew's wetland delineation report (section 5.3), dated April 2008, describes Stream #2 as having intermittent flow with a defined bed and bank channel with drainage from several spring seeps. Additionally, the Luzerne County NRCS Soil Survey discloses the following:

CnB----0 to 0.5 feet depth to seasonal high water table (SHWT) MsB----0.5 to 1.5 feet depth to SHWT WyF----greater than 6 feet depth to SHWT BrB----1.5 to 3 feet depth to SHWT The depth to the SHWT for MsB and CnB soils, which are present along the length of Stream #2, serves as evidence supporting seasonal, intermittent flow. Technical literature defines the SHWT "water saturated soil at the highest average depth at the wettest season of the year" (Higganbotham 2005). The wettest seasons of year for the subject study area would most likely be winter and spring. Therefore, the Corps can reasonably conclude that Stream #2 is a 'seasonal RPW' because the evidence supports the presumption that water flows at least 3 months of any given year in this stream. Provide estimates for jurisdictional waters in the review area (check all that apply): ☐ Tributary waters: Stream #1 1830linear feet Stream #2 500linear feet Stream #3 300linear feet Other non-wetland waters: acres. Identify type(s) of waters: Non-RPWs⁸ that flow directly or indirectly into TNWs. Waterbody that is not a TNW or an RPW, but flows directly or indirectly into a TNW, and it has a significant nexus with a TNW is jurisdictional. Data supporting this conclusion is provided at Section III.C. Provide estimates for jurisdictional waters within the review area (check all that apply): Tributary waters: linear feet width (ft). Other non-wetland waters: acres. Identify type(s) of waters: Wetlands directly abutting an RPW that flow directly or indirectly into TNWs. Wetlands directly abut RPW and thus are jurisdictional as adjacent wetlands. Wetlands directly abutting an RPW where tributaries typically flow year-round. Provide data and rationale indicating that tributary is perennial in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: With regard to Wetland #2, Rettew's wetland delineation report (section 5.3), dated April 2008, states that Stream #1 is located within Wetland #2 thus establishing that it abuts an RPW. Also, Corps' October 2009 site visit confirmed Wetland #2 abuts the RPW (Stream #1). Conveyor Crossing Plan, dated April 2010, last revised June 2010, and prepared by Mining & Environmental Engineers, depicts Wetland #2 encompassing and abutting the RPW (Stream #1). Wetlands directly abutting an RPW where tributaries typically flow "seasonally." Provide data indicating that tributary is seasonal in Section III.B and rationale in Section III.D.2, above. Provide rationale indicating that wetland is directly abutting an RPW: Rettew's wetland delineation plan, dated January 2008 and revised April 2008, depicts Wetland #2 occasionally encompassing and abutting the RPW (Stream #2). Provide acreage estimates for jurisdictional wetlands in the review area: Wetland #2 = 4.295acres. Wetlands adjacent to but not directly abutting an RPW that flow directly or indirectly into TNWs. Wetlands that do not directly abut an RPW, but when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisidictional. Data supporting this conclusion is provided at Section III.C. Provide acreage estimates for jurisdictional wetlands in the review area: acres. Wetlands adjacent to non-RPWs that flow directly or indirectly into TNWs.

⁸See Footnote # 3.

		Wetlands adjacent to such waters, and have when considered in combination with the tributary to which they are adjacent and with similarly situated adjacent wetlands, have a significant nexus with a TNW are jurisdictional. Data supporting this conclusion is provided at Section III.C.
		Provide estimates for jurisdictional wetlands in the review area: acres.
	7.	As a general rule, the impoundment of a jurisdictional tributary remains jurisdictional. Demonstrate that impoundment was created from "waters of the U.S.," or Demonstrate that water meets the criteria for one of the categories presented above (1-6), or Demonstrate that water is isolated with a nexus to commerce (see E below).
E.	SU	CLATED [INTERSTATE OR INTRA-STATE] WATERS, INCLUDING ISOLATED WETLANDS, THE USE, GRADATION OR DESTRUCTION OF WHICH COULD AFFECT INTERSTATE COMMERCE, INCLUDING ANY CH WATERS (CHECK ALL THAT APPLY): 10 which are or could be used by interstate or foreign travelers for recreational or other purposes. from which fish or shellfish are or could be taken and sold in interstate or foreign commerce. which are or could be used for industrial purposes by industries in interstate commerce. Interstate isolated waters. Explain: Other factors. Explain: entify water body and summarize rationale supporting determination:
	lde	ntity water body and summarize rationale supporting determination.
		ovide estimates for jurisdictional waters in the review area (check all that apply): Tributary waters: linear feet width (ft). Other non-wetland waters: acres. Identify type(s) of waters: Wetlands: acres.
F.		DN-JURISDICTIONAL WATERS, INCLUDING WETLANDS (CHECK ALL THAT APPLY): If potential wetlands were assessed within the review area, these areas did not meet the criteria in the 1987 Corps of Engineers Wetland Delineation Manual and/or appropriate Regional Supplements. Review area included isolated waters with no substantial nexus to interstate (or foreign) commerce. Prior to the Jan 2001 Supreme Court decision in "SWANCC," the review area would have been regulated based solely on the "Migratory Bird Rule" (MBR). Waters do not meet the "Significant Nexus" standard, where such a finding is required for jurisdiction. Explain: Other: (explain, if not covered above):
	fac	ovide acreage estimates for non-jurisdictional waters in the review area, where the <u>sole</u> potential basis of jurisdiction is the MBR tors (i.e., presence of migratory birds, presence of endangered species, use of water for irrigated agriculture), using best professional ligement (check all that apply): Non-wetland waters (i.e., rivers, streams): linear feet width (ft). Lakes/ponds: acres. Other non-wetland waters: acres. List type of aquatic resource: Wetlands: acres.
		ovide acreage estimates for non-jurisdictional waters in the review area that do not meet the "Significant Nexus" standard, where such inding is required for jurisdiction (check all that apply): Non-wetland waters (i.e., rivers, streams): linear feet, width (ft). Lakes/ponds: acres. Other non-wetland waters: acres. List type of aquatic resource: Wetlands: acres.
SE	CTI	ON IV: DATA SOURCES.

⁹ To complete the analysis refer to the key in Section III.D.6 of the Instructional Guidebook.

¹⁰ Prior to asserting or declining CWA jurisdiction based solely on this category, Corps Districts will elevate the action to Corps and EPA HQ for review consistent with the process described in the Corps/EPA Memorandum Regarding CWA Act Jurisdiction Following Rapanos.

A.		PORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked requested, appropriately reference sources below):	
	⊠ Eng revi	Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: Plans prepared by Mining and Environmental incers and Clauser Environmental, entitled: "Cedar Rocks Materials Conveyor Crossing Plan", dated April 17, 2010 and sed June 12, 2010; "Cedar Rocks Materials Pile Type Piers Foundation", dated June 12, 2010; "Cedar Rocks Materials	
Conveyor Foundation", dated February 17, 2009 and revised June 12, 2010; "Cedar Rocks Materials Conveyor Section			
	Apr	il 17, 2010; and "Exhibit 14 Stream Crossing Narrative", dated June 12, 2010. "Wetland Delineation Plan for Cedar Rocks	
	Ma	terials", prepared by Rettew Associates, Inc., dated January 21, 2008 & revised April 3, 2008, Sheet No. 2 of 3, Drawing No.	
	07-0	77954-001.	
	\boxtimes	Data sheets prepared/submitted by or on behalf of the applicant/consultant. Wetland Delineation Report for Cedar Rocks	
	Ma	terials Site, dated April 2008, prepared by Rettew Associates, Inc	
		Office concurs with data sheets/delineation report.	
		Office does not concur with data sheets/delineation report.	
		Data sheets prepared by the Corps: .	
	, i	Corps navigable waters' study:	
		U.S. Geological Survey Hydrologic Atlas:	
		USGS NHD data.	
		USGS 8 and 12 digit HUC maps.	
	\boxtimes	U.S. Geological Survey map(s). Cite scale & quad name: Berwick, PA 1:24,000.	
	\boxtimes	USDA Natural Resources Conservation Service Soil Survey. Citation: Luzerne County.	
	\boxtimes	National wetlands inventory map(s). Cite name:Berwick, PA 1:80,000.	
		State/Local wetland inventory map(s):	
	34.	FEMA/FIRM maps: .	
		100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)	
	\boxtimes	Photographs: Aerial (Name & Date):Oct 15, 2009 Google Earth aerial photo.	
		or \square Other (Name & Date):	
	10	Previous determination(s). File no. and date of response letter:	
	15	Applicable/supporting case law:	
	\boxtimes	Applicable/supporting scientific literature: Higgenbotham, H. 2005. Definitions of the Seasonal High Ground Water Table	
		GWT). Southwest Florida Water Management District.	
	\boxtimes	Other information (please specify): Oct 20, 2009 on-site visit by Jason Randolph & Amy Elliot - Corps Baltimore District.	

B. ADDITIONAL COMMENTS TO SUPPORT JD:

Pennsylvania Department of Environmental Protection's Pottsville Mining Office Application #: 40090301.