	<b>Applicant: NORTH CENTRAL RESOURCES, LLC</b> <b>Reference ID: North Central Resources No. 1 (Deep Mine, Prep Plant and FWImpndmnt) (B10-548-1800) (02/07/2012)</b> <b>Status: ERIS - Closed - Issued</b>	<b>Type: New Application, NPDES #1</b> <b>Permit ID: WV1027026</b> <b>Printed: Oct. 27, 2020 10:08 AM</b>
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### Instructions

The West Virginia Department of Environmental Protection (WVDEP) Division of Mining and Reclamation NPDES/HPU (National Pollutant Discharge Elimination System/Hydrologic Protection Unit) is changing information being collected in Table 2-I-A.

#### **Effective January 28, 2013:**

- Total Disturbed Acres has been added back to the Table 2-I-A. This data was collected from 2003 until beginning of 2009. The earlier provided information was recorded in our internal system (ERIS) and has remained there as a protected unchangeable data field since that time. This is what you will now see begin rendered in the table. As this information is old, you should take time to review and change if need be. This information is used in the TMDL Watershed Assessments.

The West Virginia Department of Environmental Protection (WVDEP) Division of Mining and Reclamation application fees change June 16, 2011.

#### **Effective June 16, 2011:**

- Notice of Intent to Prospect (PRO) - \$2,000.00, regardless of tonnage.
- Surface Mine Application (SMA) - \$3,500.00.
- Dam Control Application (DAM) - \$300 application fee. (Fee applies to each dam certificate to be issued for new, modification, abandonment, or transfer categories.)
- Permit Revision (REV) - \$2,000.00, if significant.
- Incidental Boundary Revision (IBR) - \$2,000.00, if significant.
- Permit Renewal (RNW) - \$3,000.00, if Quarry \$500.00.
- Permit Amendment (AMEND) - \$2,550.00.
- Permit Transfer (19A) - \$1,500.00 per permit, Quarry \$500.00 per permit.
- Operator Assignment (19) - \$1,500.00 per permit.
- Inactive Status (INA) - \$2,000.00, Quarry is free.
- Coal Removal for Construction Purposes (4C) - \$3,500.00, paper application.

The West Virginia Department of Environmental Protection (WVDEP) Division of Mining and Reclamation has implemented the following new reporting standards.

#### **Effective January 1, 2009:**

- The new eMap file should conform to the WVDEP eMap standards and be attached in the "Maps and eMap Data Section" toward the end of each application. See documentation in that section.
- The "Maps and eMap Data Section" should generally contain, where appropriate, the proposal, drainage, and subsidence control maps along with the eMap. Please attach other drawings and maps in the specific section where they are discussed.
- DO NOT refer to any information existing only in another application, please provide the information in this application.

**NPDES/ARTICLE 11 WATER POLLUTION CONTROL PERMIT  
MR-5 APPLICATION, GENERAL INSTRUCTIONS**

(Revised 2/03)

1. The application consists of fourteen (14) modules. The modules are:
  - Module 1 - General Information
  - Module 2 - Monitoring Information
  - Module 3 - Adjacent Surface and Ground Water
  - Module 4 - Mineral Information
  - Module 5 - Barrier Information
  - Module 6 - Preparation, Stockpiling, Handling and Disposal
  - Module 7 - Effluent Treatment
  - Module 8 - Abandonment Plan
  - Module 9 - Sewage Material Disposal Facility
  - Module 10 - Underground Disposal
  - Module 11 - Modification
  - Module 12 - Transfer Modification
  - Module 13 - Remining
  - Module 14 - Groundwater Protection Plan (GPP)

2. Include all modules shown in Column 2 for each activity in Column 1 for which the application is requesting coverage.

<u>COLUMN 1</u> (Application Activity)	<u>COLUMN 2</u> (Required Modules)
A. ALL NEW APPLICATIONS (also include modules below if activity pertains to the application)	1, 2, 3, 4, 7, 8, 14
Deep Mines and/or Facilities with Deep Mines above, adjacent, below or injected into	5
Preparation Plants, Tipples, Loadout Facilities, Refuse Piles	6
Sewage Treatment or Sewage Disposal systems	9
Underground Disposal	10
Remining of pre August 3, 1977 sites under CWA Sec. 301(p)	13
B. MODIFICATIONS (additional modules may be required, see instructions)	1, 11
Abandon a Deep Mine or Sites not Bonded under SMCRA (Tipple, Loadout, Treatment Facility)	8
Abandon Remining Sites	13
C. TRANSFER MODIFICATIONS	12
D. ALL REISSUANCES (also include modules below if activity pertains to the application)	1, 2, 14
Active or Inactive Deep Mines	8
Sewage Treatment System	9

ALL WATER QUALITY ANALYSIS MUST BE PERFORMED IN ACCORDANCE WITH EPA TESTING PROCEDURES, 40 CFR, PART 136 AND METALS, ACIDITY AND ALKALINITY MUST BE REPORTED IN TOTAL CONCENTRATIONS.

**Mod 1: General Information**

NPDES Permit Number:

WVDEP Region:    
 Date(s) Submitted:

**Type of Permitting Action(s) Requested** (Mark all that apply and enter appropriate numbers in the spaces provided)

New
  Reissue # 
 Transfer # 
 Modification # 
  
*(If a transfer is included with reissuance enter reissuance # and the transfer #)*


Is socioeconomic justification included with this application?  Yes  No

Required reissuance filing date:   (120 days prior to expiration date)


**USGS/SCS Hydrologic Region(s) Receiving Effluent.**

Major Watershed:   Code:   
 Minor Watershed:  Code:  Group:   
 Stream Uses:




**Coordinate Information:**

Latitude:  °  '  " Longitude:  °  '  "   
 Geospatial Method:  Datum:

Application Filing Fee

(Coal)  New or Reissuance  Modification  
 (Non-Coal) Annual Fees Paid:    
 (Non-Coal previously under General Permit)

**Fee Schedule Worksheet for Non-Coal**

	Vegetation Covered	County <input type="text" value=""/> 	Annual Rainfall (ft./yr.) <input type="text"/>
Drainage Area (acres)	<input type="text"/>	Disturbed	Concrete/Asphalt
Runoff Coefficient	<input type="text"/>	<input type="text"/>	<input type="text"/>
Annual Discharge Volume for Stormwater Runoff (gal./day)			<input type="text"/>
Total Discharge Volume from Outlets other than Stormwater Runoff (gal./day)			<input type="text"/>
Total Discharge Volume Fee	<input type="text"/>	Total Discharge Volume	<input type="text"/>
Facility Factor		Waste Factor	<input type="text"/>
			

Application Filing Fee

**Mod 1 Part I: Applicant Owner (Operator) Information**

A. New Address?  Yes

Applicant Name:   
 Street:   
 City:   
 Country:  State:   
 Zip:  Phone:

B. Category of applicant: (Check appropriate category; if "other" specify type)

Federal  State  Private  Public  Other

**Mod 1 Part II: Facility Information**

**A. Facility Information**

Facility Name: North Central Resources No. 1 Deep Mine, Prep Plant & FW Impnd

Street: 200 Chapel Brook Drive

City: Bridgeport

Country: United States of America State: West Virginia

Zip: 26330 Phone: 304-842-8000

County: \* Barbour  
Berkeley  
Boone

Physical Location of Facility (driving instructions - no GPS coordinates):  
From Volga (Route 11) travel north to Route 119, travel west on Route 119, approximately 1.5 miles to Route 34, travel north on Route 34 approximately

Nearest P.O.: Volga

Contact Name: Kevin J. Bealko

Contact Title: President

Contact Phone: 304-842-8000

**\* To select multiple, hold down Ctrl key while making selections.**

**B. The facility and discharges therefrom fall under the selected category below:**

New Source - Facility covered under 40 CFR Part 434, including an abandoned mine for which re-mining commenced after September 19, 1977 or which is determined to constitute a major alteration. (See Title 47, Series 30, Section 2.29.)

Existing Source - A coal mine, preparation plan, and all refuse or waste there from: (a) from where there is or may be a discharge or pollutants which commenced prior to September 19, 1977; and (b) which is not a new source. (See Title 47, Series 30, Section 2.20.)

**C. In the table below show the type of permitting action being requested and the type(s) of operations to be covered in this application. Check each operation in the appropriate category column.**

**Permitting Action Requested:** (Mark the one that applies)

Issue New Permit  Reissue Permit

**Operations Covered** (select all that apply, contact local DEP office if additional options are needed):

Action:	Activity:	Operate:	Remine:	Abandon:
New	Deep Mine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
New	Preparation/Cleaning Plant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
New	Fresh Water Impoundment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**D. Mark all activities below that this application is requesting coverage for.**

Sewage Treatment  Chemical Treatment  Underground Disposal System

Physical Treatment  Passive Treatment  Re-mining [under CWA Sec.301(p)]

Ash Utilization  Other (describe activity) stormwater

**Mod 1 Part III: Reissuance of Existing Permits**

**A.** Provide a narrative describing all permitting actions taken since the last issuance of this permit up to and including this reissuance application. Briefly describe each modification or transfer request submitted (by number) and the date they were approved, withdrawn, or denied (to include any changes requested in this application).

N/A

**Mod 1 Part IV: SIC Code**

A. Select all SIC (Standard Industrial Codes) code(s) below that this facility falls under.

Bituminous Coal

Asphalt Paving Mixture & Blocks

Clay, Ceramic & Refractory Minerals

**To select multiple, hold down Ctrl key while making selections.**

**Mod 1 Part V: Environmental Permits and Applications**

A. List the following information for all existing environmental permits for this facility.  
*\*(If effluent from this facility is treated under another NPDES permit indicate as Off-Site Treatment)*

Action	Office	Issuing Agency and Address:	Off-Site Treatment*:
Type of Permit:	Permit or ID Number:	Date Issued:	Expiration Date:
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> HPU	<div style="border: 1px solid black; padding: 2px;">                     WV DEP Division of Water and Waste Management (HPU)                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> NPDES Art. 11	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> OWR	<div style="border: 1px solid black; padding: 2px;">                     WV DEP Division of Water and Waste Management (Water)                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> UIC	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> OWMS	<div style="border: 1px solid black; padding: 2px;">                     WV DEP Division of Water and Waste Management (Waste)                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> Article 5	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> DHHR	<div style="border: 1px solid black; padding: 2px;">                     WV Health Department                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> Sewage	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> Land	<div style="border: 1px solid black; padding: 2px;">                     WV Public Land Corporation                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> Corp	<div style="border: 1px solid black; padding: 2px;">                     US Army Corps of Engineers                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> OMR	<div style="border: 1px solid black; padding: 2px;">                     WV DEP Division of Mining and Reclamation                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> Article 4	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> OMR	<div style="border: 1px solid black; padding: 2px;">                     WV DEP Division of Mining and Reclamation (list all)                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>
<div style="border: 1px solid black; padding: 2px;"> <span style="float: left;">▼</span> <span style="float: right;">▼</span> </div> SMCRA Art. 3	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>	<div style="border: 1px solid black; padding: 2px;">                     N/A                 </div>

B. Indicate any pending applications for this facility.

Pending Applications			
Office:	OMR	Application Type:	SMA
Permit Number:	O200113	Sequence Id:	
	1		
Applicant:	NORTH CENTRAL RESOURCES, LLC		
Facility Name:	North Central Resources No. 1 Prep Plant & FW Impn		
Regional Office:	Philippi		
Office:	OMR	Application Type:	SMA
Permit Number:	U201512	Sequence Id:	
	1		
Applicant:	NORTH CENTRAL RESOURCES, LLC		
Facility Name:	North Central Resources No. 1 Deep Mine		
Regional Office:	Philippi		

**Mod 1 Part VI: Map**

A. A topographic map drawn to a reasonable scale and extending at least one thousand feet (1,000') beyond the limits of the facility that identifies and/or shows:  
*(Read and follow all instructions concerning map requirements and preparation)*

- Limits of each and every operation (*permit*) to be covered, and adjacent operations.
- All physical (*sediment control*), chemical, sewage, biological and passive treatment systems.
- All intake or discharge points and any internal, ground water or in-stream monitoring stations.
- All streams, creeks, rivers, lakes, or other surface bodies of water.
- All seeps, springs or other ground water discharge points.
- All drinking, domestic use or ground water monitoring wells and any production, injection or abandoned commercial wells.
- Delineate all wellhead protection areas.
- Delineate all wetlands known to be affected by this facility.
- Legend, title block, location map and North arrow.
- If Module 14 is included in this application, then locate all items shown in "14-I-A" of the Groundwater Protection Plan (GPP) on the map and label them by the ID shown in that table.

See Drawing No. B10-548-M19

**Mod 1 Part VII: Transfers and Additional Responsibilities**

A. If proposing any of the following (*with this application*) include the appropriate attachments:

- To allow effluent from operations, owned by persons or organizations other than the applicant, to be discharged through any outlet proposed (or covered) by this application, or to allow flow from operations proposed (or covered) by this application to be discharged through an outlet of a different NPDES permit.  
 No       Yes       N/A (*previously submitted*)  
 If Yes, complete Module 1R.
- To transfer the Groundwater Protection Plan.  
 No       Yes  
 If Yes, complete MR-5GT in Module 12.

**Mod 2 Part I - A: Table 2-I-A Instructions**

**TABLE 2-I-A INSTRUCTIONS**

- A. Provide the information requested below in "Table 2-I-A" for all outlets and/or all monitoring points/stations for the facility. Complete as many tables as necessary to show all points the applicant intends to use to meet the monitoring requirements.
- For NPR (Reissuance) applications, those currently approved and open in the permit were automatically loaded when you chose the permit number in Module 1. Please review the menu structure for this module to ensure the list is appropriate and report any discrepancies before proceeding. You may add form for any new ones being desired.
- For NPM (Modification) applications, you will add a form and select the outlets needed or add as many new ones as desired. It is recommended that when you add your first Table 2-I-A form, to review the items in the Inspectable Unit Code dropdown to ensure the list is appropriate and report any discrepancies before proceeding. At this point it should contain those currently approved and open in the permit.
- For each outlet or monitoring station include the following information:
1. **Action:** Indicates what you are requesting to be done for that structure. Reissuance requires all structures to be accounted for in the application. Modification applications should only contain those affected by the modification. The possible actions are:
    - 'New' - adding a new structure to the permit inventory.
    - 'Existing' - selecting a structure currently approved in the permit and not being changed. Use in NPR application only.
    - 'Change' - changing information about the structure or providing additional information.
    - 'Close' - removing the structure from the permit inventory.
  2. **Inspectable Unit Code:** This is the structure identifier (ie. 001, 002, 400, U-001, etc.). Do not use any commas, periods or slashes. The only special character recommended to be used here is a dash. (Remember the lab must report the DMR data with this identifier and it must match exactly to get credit for reporting. Recently this has become a large problem and permittees have been getting a lot of "Failure to Submit" violations.)
  3. **Inspectable Unit Type:** This data field is for entering the type of station. Use the Search Icon to select the proper type. The choices are 'Dewater Allowed', 'Groundwater Monitoring', 'Injection Monitoring', 'Outlet' and 'Stream Monitoring'.
  4. **Inspectable Unit Sub-Type:** Choose the option that best clarifies the 'Inspectable Unit Type' chosen in the previous field. The values available in this dropdown change based on the inspectable unit type selected.
  5. **Outlet Sub-Type:** Choose the option that best describes the type of outlet. This is only required when the 'Inspectable Unit Type is Outlet'.
  6. **Latitude:** Enter the coordinates in degrees, minutes and seconds.
  7. **Longitude:** Enter the coordinates in degrees, minutes and seconds.
  8. **Elevation (Surface):** Enter the surface elevation of all outlets (including injection), internal and in-stream monitoring points. For ground water monitoring wells enter the static water level of the well in the Surface column.
  9. **Elevation (Bottom):** Enter the bottom elevation of all ground water monitoring wells and injection outlets (wells).
  10. **Geospatial Method:** Method used to obtain the longitude and latitude. There is a drop down to choose the correct method used.
  11. **Datum:** The map datum used for the coordinates. There is a drop down to choose the correct datum.
  12. **Major Watershed:** List the 'Major Watershed' receiving stream from the search button. You will be taken to a window that has a drop down for the 'Major Watershed', pick the appropriate 'Major Watershed'. Then you will need to pick the 'Minor Watershed'. The 'Group' field will automatically be populated based on your selection.
  13. **Minor Watershed:** The 'Minor Watershed' dropdown is populated based on the choice made under the 'Major Watershed'.
  14. **WVDNR Receiving Stream Code:** Enter the WVDNR Code for the receiving stream. Click the search Icon and you will be taken to a window that has a drop down for the Major Tributary, choose the Major Tributary and then select the Minor Tributary from the drop down list. Once those two choices are made you are given the Stream Codes for the Minor Tributary, select the correct Stream Code. If no code exists for the immediate receiving stream, if an unnamed tributary, then use code for the receiving stream of the unnamed tributary.
  15. **UT:** This column is for immediate receiving streams that are unnamed tributaries. Enter the number (1, 2, 3, etc) of unnamed tributaries away from the first named stream (identified by the WVDNR code) the immediate receiving stream is. (Example: Unnamed trib. of unnamed trib. of Cabin Cr = 2; Unnamed trib. of cabin Cr = 1; etc).
  16. **Receiving Stream Name:** The receiving stream name will be entered automatically from the choices made under the WVDNR Receiving Stream Code.
  17. **Stream Lineage Narrative:** List the path of the discharge from the immediate receiving stream, all the way through to the Major receiving stream. If you have several unnamed tributaries, we recommend using Unnamed Tributary (UT) of A, UT of B, UT of C, etc. To help reduce the size of the text, maximum length is 500.
  18. **Stream Uses:** Choose between one of two category listings. (47 CSR 2-6)
  19. **Total Drainage Area:** List the total drainage area for the outlet.

A. If this Permit has **NO** outlets, click here.  No Outlets

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A	
Action: <input type="button" value="New"/>	Inspectable Unit Code: 001
Inspectable Unit Type: Outlet	
Inspectable Unit Sub-Type: Water Quality Based	
Outlet Sub-Type: On Bench Outlet (only selectable with IU Type of Outlet)	
Latitude: 39 06 40	Longitude: 80 08 26
Elevation (Surface): 1625	Elevation (Bottom):
Geospatial Method: Digital/Manual Interpolation from a map	Datum: NAD27
Major Watershed: West Fork River	05020002 Group: E
Minor Watershed: Elk Creek (060)	060
Receiving Stream Name: INDIAN FK/ELK CK	Code: MW-21-U
Un-named Tributary Number: 1	Stream Uses: A, B, C, D
Major Tributary: MONONGAHELA RV	Code: M
Minor Tributary: WEST FORK RV	Code: MW
Stream Lineage Narrative: Unnamed Tributary of/and Indian Fork of Elk Creek of the West Fork River	
Total Drainage Area: 6.7	

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A	
Action: <input type="button" value="New"/>	Inspectable Unit Code: 002
Inspectable Unit Type: Outlet	
Inspectable Unit Sub-Type: Water Quality Based	
Outlet Sub-Type: On Bench Outlet (only selectable with IU Type of Outlet)	
Latitude: 39 06 27	Longitude: 80 08 22
Elevation (Surface): 1600	Elevation (Bottom):
Geospatial Method: Digital/Manual Interpolation from a map	Datum: NAD27
Major Watershed: Tygart Valley River	05020001 Group: B
Minor Watershed: Lower Buckannon River (130)	130
Receiving Stream Name: WASH RN	Code: MTB-3-A
Un-named Tributary Number:	Stream Uses: A, B, C, D
Major Tributary: MONONGAHELA RV	Code: M
Minor Tributary: BUCKHANNON RV	Code: MTB
Stream Lineage Narrative: Wash Run of Big Run of the Buckhannon River	
Total Drainage Area: 28.1	

**Mod 2 Part I - A: Table 2-I-A**



Table 2-I-A			
Action:	New	Inspectable Unit Code:	003
Inspectable Unit Type:	Outlet		
Inspectable Unit Sub-Type:	Water Quality Based		
Outlet Sub-Type:	On Bench Outlet (only selectable with IU Type of Outlet)		
Latitude:	39 06 00	Longitude:	80 08 48
Elevation (Surface):	1605	Elevation (Bottom):	
Geospatial Method:	Digital/Manual Interpolation from a map	Datum:	NAD27
Major Watershed:	Tygart Valley River	05020001	Group: B
Minor Watershed:	Lower Buckannon River (130)	130	
Receiving Stream Name:	BIG RN	Code:	MTB-3
Un-named Tributary Number:	1	Stream Uses:	A, B, C, D
Major Tributary:	MONONGAHELA RV	Code:	M
Minor Tributary:	BUCKHANNON RV	Code:	MTB
Stream Lineage Narrative: Unnamed tributary of/and Big Run of the Buckhannon River			
Total Drainage Area:	15.9		

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A			
Action:	New	Inspectable Unit Code:	004
Inspectable Unit Type:	Outlet		
Inspectable Unit Sub-Type:	Water Quality Based		
Outlet Sub-Type:	In-Stream Outlet (only selectable with IU Type of Outlet)		
Latitude:	39 06 04	Longitude:	80 09 08
Elevation (Surface):	1460	Elevation (Bottom):	
Geospatial Method:	Digital/Manual Interpolation from a map	Datum:	NAD27
Major Watershed:	Tygart Valley River	05020001	Group: B
Minor Watershed:	Lower Buckannon River (130)	130	
Receiving Stream Name:	BIG RN	Code:	MTB-3
Un-named Tributary Number:	2	Stream Uses:	A, B, C, D
Major Tributary:	MONONGAHELA RV	Code:	M
Minor Tributary:	BUCKHANNON RV	Code:	MTB
Stream Lineage Narrative: Unnamed tributary of Big Run of the Buckhannon River			
Total Drainage Area:	148.1		

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A			
Action:	New	Inspectable Unit Code:	BAS DUBR1
Inspectable Unit Type:	Stream Monitoring		
Inspectable Unit Sub-Type:	Down-Stream Bio-Monitoring		
Outlet Sub-Type:	(only selectable with IU Type of Outlet)		
Latitude:	39 06 02.05	Longitude:	80 09 08.30
Elevation (Surface):	1960	Elevation (Bottom):	
Geospatial Method:	Digital/Manual Interpolation from a map	Datum:	NAD27
Major Watershed:	Tygart Valley River	05020001	Group: B
Minor Watershed:	Lower Buckannon River (130)	130	
Receiving Stream Name:	BIG RN	Code:	MTB-3
Un-named Tributary Number:	1	Stream Uses:	A, B, C, D
Major Tributary:	MONONGAHELA RV	Code:	M
Minor Tributary:	BUCKHANNON RV	Code:	MTB
Stream Lineage Narrative:	Unnamed tributary of Big Run of the Buckhannon River		
Total Drainage Area:			

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A			
Action:	New	Inspectable Unit Code:	BAS UBR1
Inspectable Unit Type:	Stream Monitoring		
Inspectable Unit Sub-Type:	Up-Stream Bio-Monitoring		
Outlet Sub-Type:	(only selectable with IU Type of Outlet)		
Latitude:	39 05 31.85	Longitude:	80 09 26.10
Elevation (Surface):	1598	Elevation (Bottom):	
Geospatial Method:	Digital/Manual Interpolation from a map	Datum:	NAD27
Major Watershed:	Tygart Valley River	05020001	Group: B
Minor Watershed:	Lower Buckannon River (130)	130	
Receiving Stream Name:	BIG RN	Code:	MTB-3
Un-named Tributary Number:		Stream Uses:	A, B, C, D
Major Tributary:	MONONGAHELA RV	Code:	M
Minor Tributary:	BUCKHANNON RV	Code:	MTB
Stream Lineage Narrative:	Big Run of the Buckhannon River		
Total Drainage Area:			

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A	
Action: <input type="button" value="New"/>	Inspectable Unit Code: <input type="text" value="BAS DBR2"/>
Inspectable Unit Type: <input type="text" value="Stream Monitoring"/>	
Inspectable Unit Sub-Type: <input type="text" value="Down-Stream Bio-Monitoring"/>	
Outlet Sub-Type: <input type="text"/> (only selectable with IU Type of Outlet)	
Latitude: <input type="text" value="39"/> <input type="text" value="5"/> <input type="text" value="27.79"/>	Longitude: <input type="text" value="80"/> <input type="text" value="9"/> <input type="text" value="22.01"/>
Elevation (Surface): <input type="text" value="1420"/>	Elevation (Bottom): <input type="text"/>
Geospatial Method: <input type="text" value="Digital/Manual Interpolation from a map"/>	Datum: <input type="text" value="NAD27"/>
Major Watershed: <input type="text" value="Tygart Valley River"/>	<input type="text" value="05020001"/> Group: <input type="text" value="B"/>
Minor Watershed: <input type="text" value="Lower Buckannon River (130)"/>	<input type="text" value="130"/>
Receiving Stream Name: <input type="text" value="BIG RN"/>	<input type="text" value="MTB-28"/> Code: <input type="text" value="MTB-28"/>
Un-named Tributary Number: <input type="text"/>	Stream Uses: <input type="text" value="A, B, C, D"/>
Major Tributary: <input type="text" value="MONONGAHELA RV"/>	Code: <input type="text" value="M"/>
Minor Tributary: <input type="text" value="BUCKHANNON RV"/>	Code: <input type="text" value="MTB"/>
Stream Lineage Narrative: <input type="text" value="Big Run of the Buckhannon River"/>	
Total Drainage Area: <input type="text"/>	

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A	
Action: <input type="button" value="New"/>	Inspectable Unit Code: <input type="text" value="BAS DUBR2"/>
Inspectable Unit Type: <input type="text" value="Stream Monitoring"/>	
Inspectable Unit Sub-Type: <input type="text" value="Down-Stream Bio-Monitoring"/>	
Outlet Sub-Type: <input type="text"/> (only selectable with IU Type of Outlet)	
Latitude: <input type="text" value="39"/> <input type="text" value="05"/> <input type="text" value="28.43"/>	Longitude: <input type="text" value="80"/> <input type="text" value="08"/> <input type="text" value="49.32"/>
Elevation (Surface): <input type="text" value="1400"/>	Elevation (Bottom): <input type="text"/>
Geospatial Method: <input type="text" value="Digital/Manual Interpolation from a map"/>	Datum: <input type="text" value="NAD27"/>
Major Watershed: <input type="text" value="Tygart Valley River"/>	<input type="text" value="05020001"/> Group: <input type="text" value="B"/>
Minor Watershed: <input type="text" value="Lower Buckannon River (130)"/>	<input type="text" value="130"/>
Receiving Stream Name: <input type="text" value="BIG RN"/>	<input type="text" value="MTB-3"/> Code: <input type="text" value="MTB-3"/>
Un-named Tributary Number: <input type="text" value="1"/>	Stream Uses: <input type="text" value="A, B, C, D"/>
Major Tributary: <input type="text" value="MONONGAHELA RV"/>	Code: <input type="text" value="M"/>
Minor Tributary: <input type="text" value="BUCKHANNON RV"/>	Code: <input type="text" value="MTB"/>
Stream Lineage Narrative: <input type="text" value="Unnamed tributary of Big Run of the Buckhannon River"/>	
Total Drainage Area: <input type="text"/>	

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A	
Action: <input type="button" value="New"/>	Inspectable Unit Code: BAS DWR
Inspectable Unit Type: Stream Monitoring	
Inspectable Unit Sub-Type: Down-Stream Bio-Monitoring	
Outlet Sub-Type: <input type="button" value="v"/> (only selectable with IU Type of Outlet)	
Latitude: 39 04 56.84	Longitude: 80 08 12.00
Elevation (Surface): 1420	Elevation (Bottom):
Geospatial Method: Digital/Manual Interpolation from a map	Datum: NAD27
Major Watershed: Tygart Valley River	Group: B
Minor Watershed: Lower Buckannon River (130)	130
Receiving Stream Name: WASH RN	Code: MTB-3-A
Un-named Tributary Number:	Stream Uses: A, B, C, D
Major Tributary: MONONGAHELA RV	Code: M
Minor Tributary: BUCKHANNON RV	Code: MTB
Stream Lineage Narrative: Wash Run of Big Run of the Buckhannon River	
Total Drainage Area:	

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A	
Action: <input type="button" value="New"/>	Inspectable Unit Code: Outlet 401
Inspectable Unit Type: Outlet	
Inspectable Unit Sub-Type: Bathouse/Sewage	
Outlet Sub-Type: <input type="button" value="v"/> On Bench Outlet (only selectable with IU Type of Outlet)	
Latitude: 39 06 27	Longitude: 80 08 22
Elevation (Surface): 1600	Elevation (Bottom):
Geospatial Method: Digital/Manual Interpolation from a map	Datum: NAD27
Major Watershed: Tygart Valley River	Group: B
Minor Watershed: Lower Buckannon River (130)	130
Receiving Stream Name: WASH RN	Code: MTB-3-A
Un-named Tributary Number:	Stream Uses: A, B, C, D
Major Tributary: MONONGAHELA RV	Code: M
Minor Tributary: BUCKHANNON RV	Code: MTB
Stream Lineage Narrative: Wash Run of Big Run of the Buckhannon River	
Total Drainage Area: 28.1	

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A			
Action: <input style="border: none; background-color: #f0f0f0; padding: 2px 5px;" type="button" value="New"/>		Inspectable Unit Code: <input style="width: 150px;" type="text" value="DUBR BWQ-4 2217-76"/>	
Inspectable Unit Type: <input style="width: 150px;" type="text" value="Stream Monitoring"/>			
Inspectable Unit Sub-Type: <input style="width: 150px;" type="text" value="Down-Stream Water Chemistry"/>			
Outlet Sub-Type: <input style="width: 100px;" type="text" value=""/>		(only selectable with IU Type of Outlet)	
Latitude: <input style="width: 30px;" type="text" value="39"/> <input style="width: 30px;" type="text" value="05"/> <input style="width: 30px;" type="text" value="30"/>		Longitude: <input style="width: 30px;" type="text" value="80"/> <input style="width: 30px;" type="text" value="09"/> <input style="width: 30px;" type="text" value="19"/>	
Elevation (Surface): <input style="width: 50px;" type="text" value="1420"/>		Elevation (Bottom): <input style="width: 50px;" type="text" value=""/>	
Geospatial Method: <input style="width: 100px;" type="text" value="Digital/Manual Interpolation from a map"/>		Datum: <input style="width: 50px;" type="text" value="NAD27"/>	
Major Watershed: <input style="width: 150px;" type="text" value="Tygart Valley River"/>		Group: <input style="width: 50px;" type="text" value="05020001"/>	
<input style="width: 50px;" type="text" value="B"/>			
Minor Watershed: <input style="width: 150px;" type="text" value="Lower Buckannon River (130)"/>		<input style="width: 50px;" type="text" value="130"/>	
Receiving Stream Name: <input style="width: 150px;" type="text" value="BIG RN"/>		Code: <input style="width: 50px;" type="text" value="MTB-3"/>	
Un-named Tributary Number: <input style="width: 30px;" type="text" value="1"/>		Stream Uses: <input style="width: 50px;" type="text" value="A, B, C, D"/>	
Major Tributary: <input style="width: 150px;" type="text" value="MONONGAHELA RV"/>		Code: <input style="width: 50px;" type="text" value="M"/>	
Minor Tributary: <input style="width: 150px;" type="text" value="BUCKHANNON RV"/>		Code: <input style="width: 50px;" type="text" value="MTB"/>	
<div style="border: 1px solid #ccc; padding: 5px; min-height: 40px;">                     Unnamed tributary of Big Run of the Buckhannon River                 </div>			
Stream Lineage Narrative: <input style="width: 100%; height: 20px;" type="text"/>			
Total Drainage Area: <input style="width: 100px;" type="text"/>			

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A			
Action: <input style="border: none; background-color: #f0f0f0; padding: 2px 5px;" type="button" value="New"/>		Inspectable Unit Code: <input style="width: 150px;" type="text" value="DUBR2 BWQ-6 2228-50"/>	
Inspectable Unit Type: <input style="width: 150px;" type="text" value="Stream Monitoring"/>			
Inspectable Unit Sub-Type: <input style="width: 150px;" type="text" value="Down-Stream Water Chemistry"/>			
Outlet Sub-Type: <input style="width: 100px;" type="text" value=""/>		(only selectable with IU Type of Outlet)	
Latitude: <input style="width: 30px;" type="text" value="39"/> <input style="width: 30px;" type="text" value="05"/> <input style="width: 30px;" type="text" value="17"/>		Longitude: <input style="width: 30px;" type="text" value="80"/> <input style="width: 30px;" type="text" value="08"/> <input style="width: 30px;" type="text" value="54"/>	
Elevation (Surface): <input style="width: 50px;" type="text" value="1410"/>		Elevation (Bottom): <input style="width: 50px;" type="text" value=""/>	
Geospatial Method: <input style="width: 100px;" type="text" value="Digital/Manual Interpolation from a map"/>		Datum: <input style="width: 50px;" type="text" value="NAD27"/>	
Major Watershed: <input style="width: 150px;" type="text" value="Tygart Valley River"/>		Group: <input style="width: 50px;" type="text" value="05020001"/>	
<input style="width: 50px;" type="text" value="B"/>			
Minor Watershed: <input style="width: 150px;" type="text" value="Lower Buckannon River (130)"/>		<input style="width: 50px;" type="text" value="130"/>	
Receiving Stream Name: <input style="width: 150px;" type="text" value="BIG RN"/>		Code: <input style="width: 50px;" type="text" value="MTB-3"/>	
Un-named Tributary Number: <input style="width: 30px;" type="text" value="1"/>		Stream Uses: <input style="width: 50px;" type="text" value="A, B, C, D"/>	
Major Tributary: <input style="width: 150px;" type="text" value="MONONGAHELA RV"/>		Code: <input style="width: 50px;" type="text" value="M"/>	
Minor Tributary: <input style="width: 150px;" type="text" value="BUCKHANNON RV"/>		Code: <input style="width: 50px;" type="text" value="MTB"/>	
<div style="border: 1px solid #ccc; padding: 5px; min-height: 40px;">                     Unnamed tributary of Big Run of the Buckhannon River                 </div>			
Stream Lineage Narrative: <input style="width: 100%; height: 20px;" type="text"/>			
Total Drainage Area: <input style="width: 100px;" type="text"/>			

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A			
Action: <input type="button" value="New"/>		Inspectable Unit Code: <input type="text" value="DWR BWQ-8 1228-96"/>	
Inspectable Unit Type: <input type="text" value="Stream Monitoring"/>			
Inspectable Unit Sub-Type: <input type="text" value="Down-Stream Water Chemistry"/>			
Outlet Sub-Type: <input type="button" value="v"/> (only selectable with IU Type of Outlet)			
Latitude: <input type="text" value="39"/> <input type="text" value="05"/> <input type="text" value="14"/>		Longitude: <input type="text" value="80"/> <input type="text" value="08"/> <input type="text" value="07"/>	
Elevation (Surface): <input type="text" value="1380"/>		Elevation (Bottom): <input type="text"/>	
Geospatial Method: <input type="button" value="v"/> Digital/Manual Interpolation from a map		Datum: <input type="button" value="v"/> NAD27	
Major Watershed: <input type="text" value="Tygart Valley River"/>		Group: <input type="text" value="05020001"/>	
<input type="text" value="B"/>			
Minor Watershed: <input type="text" value="Lower Buckannon River (130)"/>		<input type="text" value="130"/>	
Receiving Stream Name: <input type="text" value="WASH RN"/>		Code: <input type="text" value="MTB-3-A"/>	
Un-named Tributary Number: <input type="text"/>		Stream Uses: <input type="button" value="v"/> A, B, C, D	
Major Tributary: <input type="text" value="MONONGAHELA RV"/>		Code: <input type="text" value="M"/>	
Minor Tributary: <input type="text" value="BUCKHANNON RV"/>		Code: <input type="text" value="MTB"/>	
Stream Lineage Narrative: <input type="text" value="Wash Run of Big Run of the Buckhannon River"/>			
Total Drainage Area: <input type="text"/>			

**Mod 2 Part I - A: Table 2-I-A**

Table 2-I-A			
Action: <input type="button" value="New"/>		Inspectable Unit Code: <input type="text" value="DUIF BWQ-11 1707-59"/>	
Inspectable Unit Type: <input type="text" value="Stream Monitoring"/>			
Inspectable Unit Sub-Type: <input type="text" value="Down-Stream Water Chemistry"/>			
Outlet Sub-Type: <input type="button" value="v"/> (only selectable with IU Type of Outlet)			
Latitude: <input type="text" value="39"/> <input type="text" value="07"/> <input type="text" value="15"/>		Longitude: <input type="text" value="80"/> <input type="text" value="08"/> <input type="text" value="30"/>	
Elevation (Surface): <input type="text" value="-"/>		Elevation (Bottom): <input type="text"/>	
Geospatial Method: <input type="button" value="v"/> Digital/Manual Interpolation from a map		Datum: <input type="button" value="v"/> NAD27	
Major Watershed: <input type="text" value="West Fork River"/>		Group: <input type="text" value="05020002"/>	
<input type="text" value="E"/>			
Minor Watershed: <input type="text" value="Elk Creek (060)"/>		<input type="text" value="060"/>	
Receiving Stream Name: <input type="text" value="INDIAN FK/ELK CK"/>		Code: <input type="text" value="MW-21-U"/>	
Un-named Tributary Number: <input type="text"/>		Stream Uses: <input type="button" value="v"/> A, B, C, D	
Major Tributary: <input type="text" value="MONONGAHELA RV"/>		Code: <input type="text" value="M"/>	
Minor Tributary: <input type="text" value="WEST FORK RV"/>		Code: <input type="text" value="MW"/>	
Stream Lineage Narrative: <input type="text" value="Unnamed tributary of Indian Fork of Elk Creek of West Fork River"/>			
Total Drainage Area: <input type="text"/>			

**Mod 2 Part I - B: Drainage Component Table**

A. Attach a DRAINAGE COMPONENT TABLE, found here, for all outlets and include the following information:

1. The associated Article 3 drainage control structure(s) (VF Point Number, Sed Pond Number, Sediment Ditch Number, Pumping Station Number, Dewatering Site Number, etc.)
2. The total (surface) drainage area contributing to each outlet.
3. The maximum pump discharge rate (if applicable).
4. The maximum calculated or measured flow for any gravity or artesian discharge (if applicable).

See Attachment 2-I.B

**Mod 2 Part II - A: Flows**

A. Attach a flow chart showing the water flow onto, through and off of the facility to the down stream monitoring station. Include the following on the chart:

1. All sources of intake water (*storm water, pumped, seeps, springs, wells, stream, mines, slurry etc.*)
2. All facilities and operations (*active refuse, inactive surface, abandoned deep mine, adjacent permits/mines etc*) contributing to the effluent (*identify by Article 3 permit number of if unknown by name*)
3. All types of treatment units (*physical, chemical, passive, sewage, etc. identified by name ie. Pond 1, Ditch 2*)
4. All outlets, internal and in-stream monitoring stations labeled to correspond to Module 1's "Topographic Map". (*If an outlet is permitted under another NPDES Permit, that is receiving effluent from a SMCRA Permit covered by this NPDES Permit, show all corresponding NPDES & SMCRA Permit Numbers and Outlet Numbers*)
5. Water balance from the intakes(s) to the downstream monitoring stations(s). (*use designed flows from intakes, facilities, operations, treatment units, outlets, etc.*)

See Drawing No. B10-548-B2

**Mod 2 Part II - B: Treatment Technologies**

B. In Table 2-II-B, for each outlet or internal monitoring point, provide:

1. "Types" (*deep, surface, refuse, prep-plant, loadout, sewage, etc.*) of operations contributing to the effluent of the outlet/monitoring point.
2. "Status" (*active, regraded, abandoned*) of the operations contributing to the effluent.
3. "Constructed" Indicate if the outlet/monitoring point is constructed or not.
4. "Flow" (*In Cu. Ft./Sec.*) of each outlet/monitoring point. (*For not constructed outlets use the designed flow and for outlets constructed use the average flow.*)
5. "Action" Indicate what you want to do regarding the treatment process. Existing - currently approved and no change is being requested. Close - currently approved and want to end the process. New - requesting the process.
6. "Codes" representing the treatments performed on the wastewater. We will also display it's description.
7. "Treatment System Name" contributing to the outlet/monitoring point. (*Sed. Ditch 1, Pond 4, anoxic Drain 3, etc.*)

N/A (No outlets - Stormwater only or Beltline permit.)

**Mod 2 Part II - B: Table 2-II-B**

Table 2-II-B (Header)

Outlet Number:

Type:

Status:

Constructed:  Yes  No

Flow (cfs):

Treatment System Name:

Table 2-II-B (Detail)

Action:

Treatment Code:  

**Mod 2 Part II - B: Table 2-II-B**

Table 2-II-B (Header)

Outlet Number:    
 Type:    
 Status:    
 AMD Plant   
 Auger   
 Constructed:  Yes  No   
 Flow (cfs):    
 Treatment System Name:

Table 2-II-B (Detail)

Action:	<input type="text" value="New"/>	Treatment Code:	<input type="text" value="1-U"/>		<input type="text" value="Sedimentation (Settling)"/>
Action:	<input type="text" value="New"/>	Treatment Code:	<input type="text" value="2-E"/>		<input type="text" value="Dechlorination"/>

**Mod 2 Part II - B: Table 2-II-B**

Table 2-II-B (Header)

Outlet Number:    
 Type:    
 Status:    
 AMD Plant   
 Auger   
 Constructed:  Yes  No   
 Flow (cfs):    
 Treatment System Name:

Table 2-II-B (Detail)

Action:	<input type="text" value="New"/>	Treatment Code:	<input type="text" value="1-U"/>		<input type="text" value="Sedimentation (Settling)"/>
Action:	<input type="text" value="New"/>	Treatment Code:	<input type="text" value="2-B"/>		<input type="text" value="Chemical Oxidation"/>
Action:	<input type="text" value="New"/>	Treatment Code:	<input type="text" value="2-C"/>		<input type="text" value="Chemical Precipitation"/>

**Mod 2 Part II - B: Table 2-II-B**

Table 2-II-B (Header)

Outlet Number:    
 Type:    
 Status:    
 AMD Plant   
 Auger   
 Constructed:  Yes  No   
 Flow (cfs):    
 Treatment System Name:

Table 2-II-B (Detail)

Action:	<input type="text" value="New"/>	Treatment Code:	<input type="text" value="1-U"/>		<input type="text" value="Sedimentation (Settling)"/>
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**Mod 2 Part II - B: Table 2-II-B**

Table 2-II-B (Header)

Outlet Number:    
 Type:    
 Status:    
 AMD Plant   
 Auger   
 Constructed:  Yes  No   
 Flow (cfs):    
 Treatment System Name:



Table 2-II-B (Detail)				
Action:	New	Treatment Code:	1-U	Sedimentation (Settling)
Action:	New	Treatment Code:	2-E	Dechlorination

**Mod 2 Part II - C: Intermittent or Seasonal Discharges**

C. Except for storm water runoff, leaks, or spills are any of the discharges described in 2-II-B intermittent or seasonal? (*non-continuous pumped discharges, wet weather springs, etc.*)

No  Yes

If Yes, complete the following table.

Outlet Number	Contributing Operations	Duration (Hours/Days)	Frequency (Days/Year)	Flow (MGal/Year)
003	Underground Mine	7	365	115000000

**Mod 2 Part III: Required Compliance**

A. Do any Federal, State or Local authorities require the meeting or any implementation of a schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs that may affect the discharges described in this application? (*This includes, but is not limited to, permit conditions, compliance schedules, stipulations, court orders, and grant or loan conditions.*) Include any DEP issued orders, compliance schedules, etc. or other requirements in the permit.

No  Yes

If Yes, complete the following table.

Condition, Agreement, etc.:

Outlet Number:

Source of Discharge:

Brief Description of Project:

Final Compliance Date -- Required:  Projected:

**Mod 2 Part IV: Outlet Effluent General**

A. Submit analyses for the effluent (*treated discharge*) from **each** outlet<sup>1</sup>.

N/A (New Permit - Outlets not constructed yet; Stormwater only or Beltline permit.)

Analysis for Table 2-IV-A submitted to EQulS.

Parameters to be analyzed are:

<b>Table 2-IV-A Analytes</b>	
Biochemical Oxygen Demand (BOD-5day)	Chemical Oxygen Demand (COD)
Total Organic Carbon (TOC)	Fecal Coliform
Total Residual Chlorine (if used)	Ammonia (as N)
Total Suspended Solids (TSS)	Oil and Grease
pH	Flow
Temperature (Summer)	Temperature (Winter)

B. Submit analyses for the effluent (*treated discharge*) from **each** outlet<sup>1</sup>.

N/A (New Permit - Outlets not constructed yet; Stormwater only or Beltline permit.)

Analysis for Table 2-IV-B submitted to EQulS.

Parameters to be analyzed are:

<b>Table 2-IV-B Analytes</b>	
Bromide (24959-67-9)	Color

Fluoride (1698-48-8)  
 Nitrogen, Total Organic (as N)  
 Sulfate (as SO<sub>4</sub>) (14808-79-8)  
 Sulfite (as SO<sub>3</sub>) (14265-45-3)  
 Aluminum, Total (7429-90-5)  
 Aluminum, Total Recoverable (7429-90-5)  
 Boron, Total (7440-42-8)  
 Iron, Total (7439-89-6)  
 Molybdenum, Total (7439-98-7)  
 Tin, Total (7440-31-5)  
 Chloride  
 Alpha, Total  
 Radium, Total

Nitrate-Nitrite (as N)  
 Phosphorus, Total (as P) (7723-14-0)  
 Sulfide (as S)  
 Surfactants  
 Aluminum, Dissolved (7429-90-5)  
 Barium, Total (7440-39-3)  
 Cobalt, Total (7440-48-4)  
 Magnesium, Total (7439-95-4)  
 Manganese, Total (7439-96-5)  
 Titanium, Total (7440-32-6)  
 Hardness  
 Beta, Total  
 Radium226, Total

C. Submit analyses for the effluent (*treated discharge*) from **each** outlet<sup>1</sup>.

- N/A (New Permit - Outlets not constructed yet; Stormwater only or Beltline permit.)
- Analysis for Table 2-IV-C submitted to EQULS.

Parameters to be analyzed are:

**Table 2-IV-C Analytes**

Antimony, Total (7440-36-0)	Arsenic, Total (7440-38-2)
Beryllium, Total (7440-41-7)	Cadmium, Total (7440-43-9)
Chromium, Total (7440-47-3)	Copper, Total (7550-50-8)
Lead, Total (7439-92-1)	Mercury, Total (7439-97-6)
Nickel, Total (7440-02-0)	Selenium, Total (7782-49-2)
Silver, Total (7440-22-4)	Thallium, Total (7440-28-0)
Zinc, Total (7440-66-6)	Cyanide, Total (57-12-5)
Phenols, Total	

D. Submit analyses of raw water (*influent prior to any type of treatment*) analyses for, at a minimum, the representative outlets used in Section A above, and all ground water monitoring stations.<sup>1</sup> Show the flow amount in cubic feet per second (cfs). "Zero" (0) or "No flow" will not be accepted, samples must be taken during times of flow. For ground water monitoring wells show water elevation in well (flow would be NA unless artesian well). In Table 2-IV-D show the "Type of Sample" as Influent or Pooled water. For sediment ditches (channels), where there is no influent area than can be sampled, a pooled water sample may be used for the analysis.

- N/A (New Permit - No Outlets or Ground Water Monitoring Stations exist yet; Stormwater only or Beltline permit.)
- Analysis for Table 2-IV-D submitted to EQULS.

Parameters to be analyzed are:

**Table 2-IV-D Analytes**

Water elevation ( <i>for wells only</i> )	Flow
pH	Total Iron
Total Manganese	Total Aluminum
Dissolved Aluminum	Acidity mg/l as CaCO <sub>3</sub>
Alkalinity mg/l as CaCO <sub>3</sub>	Sulfates as SO <sub>4</sub>

E. Submit Baseline Water Quality (BWQ) analysis for each assigned HUC-14+2 (16 digit) Reachshed that will be receiving a discharge from the proposed outlets. The collection of BWQ samples and their analysis being reported must be in accordance with the "Revised BWQ Protocol" dated December 27, 2006.

- N/A (No new reachsheds being proposed.)
- BWQ analysis submitted to EQULS.

Parameters to be analyzed are:

**Table 2-IV-E Analytes**

Flow	pH
Total Iron	Total Manganese
Total Aluminum	Dissolved Aluminum
Total Selenium	

If collecting under the precipitation induced protocol, add Total Suspended Solids, Specific Conductance and a narrative description providing the following:

- A description of the weather condition 24 hours prior to each sample collection.  
For example: clear, cloudy, raining, etc.
- A description of the physical appearance of the stream as it relates to flow and clarity prior to each sample collection. For example: stream flow low, normal high, stream clarity (clear, murky, muddy, etc.).

Other parameters may be assigned on an as needed basis.

<sup>1</sup> When an applicant has two or more outlets with substantially identical effluents the director may allow the applicant to test only one outfall and report the quantitative data also applies to the substantially identical outlet. If a "Representative Outlet" is used the other outlets it represents must be shown in the spaced provided in the Tables 2-IV-A, B, C and D.

**Mod 2 Part IV - F-I: General Intake and Effluent Characteristics**

F. Is it known, or is there reason to believe, any pollutants listed in Appendix C or E of the NPDES Regulations 47CSR30 are discharged, from any outlet?

- No  Yes

If Yes, list below every pollutant believed present, briefly describe the reasons believed to be present, and report any analytical data possessed.

POLLUTANT	SOURCE
<input type="text"/>	<input type="text"/>

G. Were the analyses required in "Module 2" for pollutants performed in accordance with 40 CFR, Part 136?

- N/A  Yes  No

If No, list below the pollutant, and describe method used for analysis.

POLLUTANT	DESCRIPTION OF METHOD
<input type="text"/>	<input type="text"/>

H. Were the toxic metals, cyanide and phenols reported under Table 2-IV-C analyzed with a precision to the nearest microgram per liter?

- N/A  Yes  No

If No, list below the pollutant, method and detection limit used for analysis.

Pollutant:	<input type="text"/>
Description of Method:	<input type="text"/>
Detection Limit Used:	<input type="text"/>

I. Provide the days the applicant will collect the required compliance monitoring samples for the proposed WVNPDES permit.

NA - No Outlets

FREQUENCY:

DAY(S) OF WEEK

- Mon  Tue  Wed  Thu  Fri  Sat  Sun

WEEK(S) OF MONTH

- 1  2  3  4  5

MONTH OF YEAR\*

- Jan  Feb  Mar  Apr  May  Jun  Jul  Aug  Sep  Oct  Nov  Dec

**Mod 2 Part V: Potential Discharges not Covered by Analysis**

A. Is any pollutant listed in "Table 2-IV-C" a substance or a component of a substance which is now, or is expect over the next five (5) years, to be used or manufactured as an intermediate or final product or byproduct?

- No  Yes

If Yes, list below all such pollutants and possible sources.

POLLUTANT	POSSIBLE SOURCES

**Mod 2 Part VI: Biological Toxicity Testing Data**

A. Has there been performed, or is there any knowledge of or reason to believe that any biological test for acute or chronic toxicity has been made on a receiving water in relation to a proposed discharge within the last three (3) years?

No     Yes

If Yes, submit copies of test results and a description of the reason for test for the outfall or stream on which the test was performed.

**Mod 2 Part VII: Benthic Survey**

A. Has there been performed, or is there any knowledge of or reason to believe that any Benthic Surveys have been done on a receiving water in relation to a proposed discharge within the last three (3) years? Possibly in a 401 application.

No     Yes

If Yes, submit copies of results along with a description of the reason for the survey, the stream on which the test was performed and the location of each test site.

See Attachment 2-VII-A

**Mod 2 Part VIII: Discharges into Non-complying Waters**

A. Is there a proposed discharge into stream (or water segment) which either does not meet applicable water quality standards for the pollutant(s) to be discharged, or is not expected to meet those standards even after treating the discharge to the required technology based limits, and the state has performed a pollutant waste allocation for these pollutants? Please check the latest 303d list from Division of Water and Waste Management (DWWM).

No     Yes

If Yes, submit documentation that:

1. There are sufficient remaining pollutant load allocations to allow for the discharge (TMDL development); and
2. The existing discharges into that segment are subject to compliance schedules designed to bring the segment into compliance with applicable water quality standards; **OR**
3. The applicant qualifies for an alternate water quality based effluent limitation by making an adequate demonstration to the Director pursuant to the Environment Quality Board's Administrative Regulations, 47 CSR2.

**Mod 2 Part IX: Variances**

A. Is a variance from effluent limitations requested?

No     Yes

If Yes, comply with NPDES regulations, Title 47, Series 30, Section 4.5.F or 4.5.G..

**Mod 3 Part I: Operations In Same Seam**

A. Are there any other surface or deep mines (*active, inactive or abandoned*) in the same seam and within one thousand feet (1,000ft) horizontally of the proposed facility?

No (*Go to "Part II"*)

Yes (*Without Deep Mine*)

Yes (*With Deep Mine*)

If Yes, with Deep Mine, complete "Module 5".

1. Does the existing mine(s) have a discharge or pooled water that can be collected for analysis?

No     Yes

If Yes, see "Part III" of this module for analysis requirements.

**Mod 3 Part II: Operations Above or Below**

- A. Are there any deep mine workings above or below the proposed facility and within one thousand (1,000) feet horizontally?  
 No (Go to Part "III")  
 Yes  
 If Yes, complete "Module 5".
1. Are there any analyses for or discharges from these deep mines, free flowing or pumped?  
 No  Yes  
 If Yes, see "Part III" of this module for analysis requirements.

**Mod 3 Part III: Adjacent Operation's Raw Water Analysis**

- A. Submit a representative analysis of the raw water from each mine in "Part I & II" above for the parameters listed below. Locate and label sampling point in Module 1 Part IV and label the analysis accordingly.  
 N/A
- Analytes:**
- |                                     |  |
|-------------------------------------|--|
| Flow (cfs)                          | pH (Standard Units)                    |
| Total Iron (mg/l)                   | Total Manganese (mg/l)                 |
| Total Aluminum (mg/l)               | Dissolved Aluminum (mg/l)              |
| Acidity (mg/l) as CaCO <sub>3</sub> | Alkalinity (mg/l) as CaCO <sub>3</sub> |
| Sulfates (mg/l) as SO <sub>4</sub>  |  |

Table 3-III-A	
SITE:	
ID Number: <input type="text" value="See Attached"/>	Active: <input type="button" value="No"/> ▼
U. S. Geologic Survey Seam Name: <input type="text" value="Redstone and Pittsburgh"/>	

**Mod 3 Part IV: Water Supplies**

- A. Provide the location & ownership of all known private water supply intakes that withdraw water from receiving stream(s) for human consumption located within five (5) miles downstream of the permit's discharge points. If none exist within five (5) miles, identify the closest downstream intake beyond the five (5) mile distance. If you list **any public intakes**, you need to provide the information in hardcopy to comply with Homeland Security and indicate the hardcopy submittal below.
- None exist
- 

**Mod 3 Part V: Ground Water**

- A. Submit analysis of any seeps, springs or wells within one thousand feet (1,000ft) of the proposed facility for the parameters listed below. Locate and label all these sampling points in Module 1 Part IV and label the analysis accordingly.  
 N/A
- Analytes:**
- |  |                                     |
|--|-------------------------------------|
| pH (Standard Units)                    | Total Iron (mg/l)                   |
| Total Manganese (mg/l)                 | Total Aluminum (mg/l)               |
| Dissolved Aluminum (mg/l)              | Acidity (mg/l) as CaCO <sub>3</sub> |
| Alkalinity (mg/l) as CaCO <sub>3</sub> | Sulfates (mg/l) as SO <sub>4</sub>  |

Table 3-V-A														
<b>SITE:</b>														
Number:	GW-1													
Latitude:	39	°	09	'	36	"	Longitude:	80	°	12	'	48	"	
Elevation:	1055													
Geospatial Method:	Digital/Manual Interpolation from a map				▼	Datum:	NAD27				▼			
<b>SITE:</b>														
Number:	GW-2													
Latitude:	39	°	09	'	15	"	Longitude:	80	°	13	'	40	"	
Elevation:	1110													
Geospatial Method:	Digital/Manual Interpolation from a map				▼	Datum:	NAD27				▼			
<b>SITE:</b>														
Number:	GW-3													
Latitude:	39	°	08	'	13	"	Longitude:	80	°	09	'	40	"	
Elevation:	1190													
Geospatial Method:	Digital/Manual Interpolation from a map				▼	Datum:	NAD27				▼			
<b>SITE:</b>														
Number:	GW-4													
Latitude:	39	°	06	'	01	"	Longitude:	80	°	09	'	31	"	
Elevation:	1470													
Geospatial Method:	Digital/Manual Interpolation from a map				▼	Datum:	NAD27				▼			

**Mod 3 Part VI: Aquifer Uses**

A. Describe the present use of water in the aquifers and the water table within one thousand feet (1000ft) of the perimeter of the proposed facility.

Residential, agricultural and for livestock

**Mod 4 Part I: Mined / Processed Mineral Beds**

A. In the table below, show the sulfur properties of all mineral bed(s) (coal seam) and/or the refuse/waste produced (if applicable) for each bed/seam that will be mined / processed at this facility. Indicate if analysis is raw material or refuse/waste.

U.S. Geologic Survey Mineral Bed/Coal Seam Name	Raw / Refuse	Pyrite (%)	Organic (%)	Sulfate (%)	Total (%)
Kittanning - Lwr---Allegheny	Raw	1.058	0.533	0.034	1.63

**Mod 4 Part II: Acid - Base Analysis**

A. Provide an acid-base analysis for all strata to be encountered during all phases of construction, operation and regarding of the facility to include the strata below the lowest bed/seam or elevation being mined/disturbed. (If multiple sites used include data for each site.)

See Waiver Request (If overburden analysis waiver is requested)

The analysis is to include but not limited to the following:

Paste pH	Total Sulfur (%)
Pyritic Sulfur (%)	Acidity Potential *
Neutralize Potential *	Net Excess or Deficiency *
Fizz Rate **	Color ***

\* Units in tons of CaCO<sub>3</sub> equivalent per 1000 tons of material  
 \*\* Units: 0-None 1-Slight 2-Moderate 3-Strong  
 \*\*\* Munsell Color Chart

Company Name:	North Central Resources, LLC
Facility Name:	North Central Resources No. 1
Sampling Point Identification Number:	See Attachments I-9, I-10 and I-11
Laboratory Name:	Standard Laboratories, Inc. Belington Lab #61

Table 4-II-A			
Sample ID Number:	NCR-28-08		
Mineral Bed / Coal Seam:	Kittanning - Lwr---Allegheny		
Elevation Top of Stratum (ft/msl):	831.59	Unit Thickness (feet):	6.32
Paste pH:		Total Sulfur (%):	
Pyritic Sulfur (%):		Acidify Potential:	
Neutralize Potential:		Net Excess or Deficiency:	
Fizz Rate:	None	Color:	-
Sample ID Number:	NCR-32-08		
Mineral Bed / Coal Seam:	Kittanning - Lwr---Allegheny		
Elevation Top of Stratum (ft/msl):	823.06	Unit Thickness (feet):	7.60
Paste pH:		Total Sulfur (%):	
Pyritic Sulfur (%):		Acidify Potential:	
Neutralize Potential:		Net Excess or Deficiency:	
Fizz Rate:		Color:	
Sample ID Number:	NCR-40-08		
Mineral Bed / Coal Seam:	Kittanning - Lwr---Allegheny		
Elevation Top of Stratum (ft/msl):	678.34	Unit Thickness (feet):	6
Paste pH:		Total Sulfur (%):	
Pyritic Sulfur (%):		Acidify Potential:	
Neutralize Potential:		Net Excess or Deficiency:	
Fizz Rate:		Color:	
Sample ID Number:	NCR-74-10		
Mineral Bed / Coal Seam:	Kittanning - Lwr---Allegheny		
Elevation Top of Stratum (ft/msl):	952.07	Unit Thickness (feet):	6.12
Paste pH:	8.4	Total Sulfur (%):	39.699
Pyritic Sulfur (%):	0.831	Acidify Potential:	
Neutralize Potential:	16.760	Net Excess or Deficiency:	-9.208
Fizz Rate:		Color:	
Sample ID Number:	NCR-78-11		
Mineral Bed / Coal Seam:	Kittanning - Lwr---Allegheny		
Elevation Top of Stratum (ft/msl):	774.41	Unit Thickness (feet):	6.16
Paste pH:		Total Sulfur (%):	
Pyritic Sulfur (%):		Acidify Potential:	
Neutralize Potential:		Net Excess or Deficiency:	
Fizz Rate:		Color:	
Sample ID Number:	NCR-80-11		
Mineral Bed / Coal Seam:	Kittanning - Lwr---Allegheny		
Elevation Top of Stratum (ft/msl):	824.91	Unit Thickness (feet):	6.07
Paste pH:	9	Total Sulfur (%):	49.067
Pyritic Sulfur (%):	1.246	Acidify Potential:	
Neutralize Potential:	1.78	Net Excess or Deficiency:	-37.15
Fizz Rate:		Color:	

Sample ID Number:	NCR-83.11		
Mineral Bed / Coal Seam:	Kittanning - Lwr---Allegheny		
Elevation Top of Stratum (ft/msl):	801.80	Unit Thickness (feet):	8.34
Paste pH:	9.3	Total Sulfur (%):	41.099
Pyritic Sulfur (%):	0.615	Acidify Potential:	
Neutralize Potential:	29.802	Net Excess or Deficiency:	10.583
Fizz Rate:		Color:	
Sample ID Number:	NCR-88-11		
Mineral Bed / Coal Seam:	Kittanning - Lwr---Allegheny		
Elevation Top of Stratum (ft/msl):		Unit Thickness (feet):	
Paste pH:		Total Sulfur (%):	
Pyritic Sulfur (%):		Acidify Potential:	
Neutralize Potential:		Net Excess or Deficiency:	
Fizz Rate:		Color:	
Sample ID Number:	NCR-92-11		
Mineral Bed / Coal Seam:	Kittanning - Lwr---Allegheny		
Elevation Top of Stratum (ft/msl):	624.84	Unit Thickness (feet):	7
Paste pH:	8.7	Total Sulfur (%):	68.579
Pyritic Sulfur (%):	1.751	Acidify Potential:	
Neutralize Potential:	21.970	Net Excess or Deficiency:	-32.749
Fizz Rate:		Color:	

**Mod 4 Part III: Amendments and Additives**

A. Include a narrative describing any amendments or materials not produced by this facility (*such as Coal Ash, Sewage Sludge, Kiln Dust, etc.*) that are to be used by, or disposed of, at this facility. The narrative should address at a minimum: (1) its source, (2) the chemical breakdown and properties of the material, (3) the purpose of its use(s), (4) the rates and methods of application and (5) any potential degradation of the ground or surface water that could result from its use.

N/A

B. Is any material in "Part III.A" to be disposed of in underground works?

No     Yes

If Yes, complete Modules 5 and 6.

**Mod 5 Part I: Barriers**

A. Does any portion of the proposed facility lie within the 15ft angle of critical deformation of an underlying deep mine? If Yes, show underlying deep mine in "Module 1-VI-A" or "Module 8-II-A".

No     Yes

If Yes, see  "Module 1-VI-A"     "Module 8-II-A"

B. Are there any mining operations (*active, inactive or abandoned*), wells (*gas, oil water or injection*) or streams (*intermittent or perennial*) within the 15ft angle of critical deformation of the proposed operation?

NA     No     Yes

If Yes, see  "Module 8-II-A"

C. Are there any deep mines (*active or abandoned*) above, adjacent to or below the proposed operation that contain impounded water?

No     Yes

If Yes, complete table below.



Mines Name or ID Number	Approximate Elevation	Unknown	Partially Inundated	Totally Inundated
Redstone	1410	-	X	-

D. What effects will subsidence have on the proposed or existing operations that overlie the mines addressed in "A and B" above? Describe the partings/barrier between the proposed operation and any adjacent, overlying and underlying mining. (If none justify the answer with pillar design or other geotechnical engineering data.)

Due to the distance between the Lower Kittanning seam and the overlying seams that have been mined (approximately 700 vertical feet), subsidence is not expected to have any effect on proposed or existing operations. The

E. Show calculations of barrier design to prevent blowouts or seepage affecting the facility or adjacent areas. Include maximum and minimum head and barrier thickness, strength properties of strata and equations used to calculate the barrier. (Show barriers on "Module I-VI-A or 8-II-A".)

There are no adjacent mines

F. Based on the information provided above, will waters migrate to/from the proposed facility to/from adjacent surface or deep mine operations? If "Yes", describe the quantity and quality of the waters and their projected effect on the final discharge quality.

No  Yes

There are no adjacent mines

**Mod 6 Part I: Facility Operations**

A. Mark all types of operations proposed to be included at this facility: (check appropriate categories)

<input checked="" type="checkbox"/> Coal Washing/Cleaning	<input type="checkbox"/> Blending Coals	<input checked="" type="checkbox"/> Sizing (Crushing/Screening)
<input checked="" type="checkbox"/> Raw Coal Stockpile	<input checked="" type="checkbox"/> Clean Coal Stockpile	<input type="checkbox"/> Temporary Refuse Stockpile
<input type="checkbox"/> Truck Loadout	<input checked="" type="checkbox"/> Rail Loadout	<input type="checkbox"/> Clean Coal Conveyed Off Site
<input type="checkbox"/> Barge Loadout	<input checked="" type="checkbox"/> Slurry Disposal Lines	<input checked="" type="checkbox"/> Refuse Conveyed Off Site
<input type="checkbox"/> Refuse Amendments Added	<input type="checkbox"/> Refuse Disposal Area	<input type="checkbox"/> Recycling Old Refuse Pile
<input type="checkbox"/> Underground Injection	<input type="checkbox"/> Coal Ash Disposal	<input type="checkbox"/> Pond Sludge Disposal
<input type="checkbox"/> Laboratory / Test Facility	<input type="checkbox"/> Other (Specify):	

**Mod 6 Part II: Cleaning/Washing Operations**

A. Provide names, composition and quantities of chemicals (pH adjustment, flocculants, antifreeze etc.), oils, heavy media or other material used in the cleaning or refuse circuits: (pH adjusters, refuse amendments, flocculants, heavy media and antifreeze must be addressed at a minimum)

N/A

pH adjusters and flocculants for coal processing. Refuse amendments are addressed in the North Central Resources, LLC refuse permits which are

B. Are there emergency containment structure(s) able to hold 110% or more of the plant's designed total slurry volume and dedicate solely for that purpose?

Yes  No

If No, justify why less volume is designed.

There will be slurry cells and/or an impoundment on adjacent North Central Resources, LLC permits which will store 110% or more of the plant's designed

C. Is thermal drying practiced or proposed at this facility?

No  Yes

If Yes, describe the handling and disposal of the coal ash generated by it.

**Mod 6 Part III: Plot Plan & Flow Diagram**

- A. Include a Plot Plan of the operations in "Part I & II" showing:  
(This can be included on the "Module 1 Part VI-A" map if all information required can clearly be shown)
1. Location of the different units such as crusher house, cleaning units, thickeners, dryers, coal piles (*raw & clean*), pressure/vacuum filters, temporary refuse piles, slurry lines, haulroad, etc.
  2. Location of any testing facilities or labs
  3. Location of all water sprays for dust and/or truck washes
  4. Location of all treatment ponds, dams, sediment ditches, treatment plan, intake water, etc.
  5. Location of all structures used to channel effluent (*berms, ditches, culverts, etc.*)
  6. Designed flow directions using contour lines and/or flow arrows.

See Drawing No. B10-548-M19 entitled "NPDES - Exhibit i-VI-A" contained in Module 1-VI-A

- B. Provide a flow diagram of the operations in "Parts I & II" showing the following:
1. Each unit such as belts (*coal & refuse*), sprays, screens, crusher, coarse & fine cleaning units, thickeners, filters, dryers, intake water sources, water & slurry lines, water tanks, etc.
  2. Designed capacity of each unit and final product in tons per hour (TPH)
  3. Water flow to and from each unit in gallons per minute (GPM)
  4. Seasonal flow variation of the intake water source, and the amount to be used by the facility.

See Drawing No. B10-548-B2 entitled "Flow Diagram" contained in Module 2-II-A

#### **Mod 6 Part IV: Maintenance & Disposal**

- A. Will materials other than those produced by this facility be disposed of at this facility (*Coal ash, etc.*)?

No  Yes

If Yes, complete "Module 4".

- B. Will there be underground workings below any area of disposal?

No  Yes

If Yes, complete "Module 5".

- C. Will there be underground workings used for disposal at this facility?

No  Yes

If Yes, complete "Module 10".

- D. Will slurry lines be used to transport materials produced by this facility or that will be disposed of at this facility (*slurry, sludge, coal ash, etc.*)?

No  Yes

If Yes, describe the maintenance and monitoring procedures for slurry lines.

Slurry lines will gravity flow into either the impoundment or slurry cells if a leak occurs. Slurry lines will be readily visible to employees of the facilities

- E. Addresses the materials used or encountered in operations involving dust control, routine washdown/maintenance, and pretreatment of transportation equipment. Describe the materials, when, where and how they are used, plus their handling and disposal.

If required, dust will be controlled by the use of water sprays. This would include roadways and coal stockpiles. Routine wash down would be in the

#### **Mod 7 Part I: Physical Treatment**

- A. Provide construction specifications, calculations and drawings of each physical treatment unit including all dimensions, cross sections, profile, plan view, flow calculations, entrance and exit design, pool elevation, maintenance procedures, pond sludge (*removal, disposal, and placement*), etc.

See "Attachment 2-II-C"

#### **Mod 7 Part II: Chemical Treatment**

- A. Based on information provided in "Modules 2, 3 & 4", the geologic history of the facility site, will additional treatment (*other than physical*) of the effluent be necessary to meet the effluent limits? (*This includes but is not limited to chemical reagents, passive treatment, biological treatment, sewage treatment etc.*)

No (go to "C")  Yes or Possibly

B. Submit drawings with explanation of the proposed additional treatment system(s). The following information shall be included:

1. Types of reagents to be used;
2. Types of dispenser, contact unit or median to be used. If commercial unit, indicate make, model;
3. Type of aeration and/or mixing system;
4. Construction specifications including sizes, dimensions, designed flows, maintenance and treated sludge removal and disposal;
5. Description of how the treatment system will be protected against floods, power failure, vandalism; and a contingency plan should protection fail;
6. Explanation and illustration of how the additional treatment system will be used in conjunction with the proposed physical treatment;
7. Demonstration that the design of the additional treatment combined with the physical treatment is adequate to meet the limits prescribed by state and federal laws;
8. Describe the effluent quality capable of being achieved from the disposal system with respect to pH, total iron, total manganese, acidity, alkalinity, aluminum, and total suspended solids, BOD, COD, TOC, and unionized ammonia;
9. If sewage treatment system is to be used complete "Module 9" with this application.

Chemicals typically used for treatment of mine water will be used such as lime, flocculants, or other pH adjusters for use by the WVDEP for treatment of water

C. If no chemical treatment is being planned, what action will be taken if any unexpected pollution problems should arise during the operation of this permit?  
(Include immediate actions and remedial measures that will be taken to prevent further pollution.)

N/A

#### Mod 8 Part I: General Abandonment Information

A. This module is being submitted for compliance with:

**Plan for Abandonment.** (All NPDES Permits) 47CSR30 Section 4.5.2.k  
*The information required in a plan for abandonment pursuant to section 4.5.4 of these regulations.*

**Permit to Abandon.** (WVSCMRA Permits) 47CSR30 Section 4.4.2  
*Any person proposing to abandon a deep mine facility under W.Va. Code § 20-5A-5(b)(6) [now § 22-11-8(b)(6)] and Section 3.1.1.e of these regulations shall apply for an abandonment permit at least one hundred and eighty (180) days prior to the sealing of the deep mine. Any person proposing to abandon a surface mine facility under W. Va. Code § 20-5A-5(b)(6) [now § 22-11-8(b)(6)] and Section 3.1.1.e of these regulations shall apply for an abandonment permit with a request for Phase II bond release under WVSCMRA. (See instruction for "remining" sites)*

**Permit to Abandon.** (Non WVSCMRA Permits)  
*Any person proposing to abandon a surface facility under W.Va. Code § 20-5A-5(b)(6) [now § 22-11-8(b)(6)] and Section 3.1.1.e of these regulation, that is not regulated under WVSCMRA, shall apply for an abandonment permit at least one hundred and eighty (180) days prior to the removal of the last point source discharge (outlet).*

B. Does the facility involve only surface operations (*surface mines, preparation plants, loadouts , etc.*)?

No     Yes

If Yes, go to Part III.

#### Mod 8 Part II: Deep Mine Abandonment

A. Provide a Mine Development Map extending a minimum of 1,000 ft. beyond the limits of the proposed operation showing:

1. Seam structural contours at 10 foot intervals with surface elevation contours at intervals not to exceed those on the latest USGS 7.5 minute quadrangle, and any fault or weak planes;
2. All wells and any protection zones around them (*gas, oil, injection, water, etc.*)
3. In different colors show the mine boundary; limits of mining (*dated*); thickness of barriers against the outcrop and/or any adjacent mining (*deep, surface or auger*);
4. Predicted final water elevation in the proposed mine, and area of containment for injections;
5. Show outline of all overlying, adjacent and underlying deep operations (*indicate if active, inactive, or abandoned*), their water pool elevation and discharge points; (*if proposed operation discharges through adjacent mines final discharge point must be shown*)
6. Discharge location of drainage to surface or adjacent mines (*show any dewatering pumps*)
7. Proposed location of all mine seals and sectionalization dams, if any;
8. All mine entries and boreholes with surface and seam elevations;
9. North line; general strike and dip direction of the mineral bed and average dip.

See Drawing Nos. B10-548-M3 and B10-548-M4

B. What is the current, estimated (*over next five years*) and upon abandonment the maximum daily flow rate (*in cu. ft. per sec.*) from the existing or proposed mine?

Pumped: Current:  cfs Estimated:  cfs Abandoned:  cfs

Gravity: Current:  cfs Estimated:  cfs Abandoned:  cfs

Total: Current:  cfs Estimated:  cfs Abandoned:  cfs

C. Explain how the estimated and abandoned flows were calculated.

D. Drainage will be through (*check appropriate categories*):

Drift  Slope  Shaft  Boreholes(s)  Adjacent Works (specify type)

Active  Inactive  Abandon

E. Submit in narrative form the following information:

- Describe the type of treatment the discharge will require (if any), or if treatment will not be required the reasons for assuming so.
- Address the possible effects on water quality (*surface and ground*) and plans to eliminate or minimize any adverse effects on the quality of these waters.
- Report the quality of water discharged from the mine during the past two years, and/or a prediction of expected discharge quality if a discharge occurs. (*For final abandonment only*)

F. Indicate the type and number of permanent seals proposed (*entries, boreholes, between mines etc.*), their design details, drawings and materials to be used for construction.

G. Provide at least one representative cross-section along a line parallel to the dip of the mineral bed showing:

- Coal seam(s) and all strata from twenty feet below the lowest seam mined up to the surface.
- The USGS name and thickness of each strata and coal seam.
- The final likely level of water in the mine(s) on abandonment.
- The likely extent of fracturing in the overburden due to mining. (*The line of cross-section must be shown in "Module 8-II-A"*)

**Mod 9 Part I: General Wasteload Information**

This application is for:  a new sewage facility.  an existing sewage facility.

A. Is operator different than applicant?  Yes  No

Operator Name:

Street:

City:

Country:  State:

Zip:  Phone:

**Mod 9 Part II: Applicant Request**

A. The applicant is requesting a state NPDES permit to acquire, construct, install and operate a sewage, industrial waste, or other waste into the waters of the state, in accordance with Chapter 22, Article 11, Section 8. In addition we are requesting the following:

A certificate to construct a sewage disposal system or part thereof, in accordance with Chapter 16, Article 1, Section 9

**Mod 9 Part III: Description of Discharge**

A. Provide the following information on the sewage discharge:

- Discharge Outlet Number: 
 Discharge Point Name:
- Latitude:  °  '  " Longitude:  °  '  "
 Geospatial Methodology: 
 Datum:  Elevation:
- Receiving Stream: 
 tributary of: 
 tributary of: 
 tributary of:
- Distance to mouth of immediate receiving stream:  Miles (to the nearest tenth)
- Does discharge contain (or is it possible for discharge to contain) one or more of the following substances as a result of the operations, activities, or processes: Ammonia, Cyanide, Aluminum, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc, Phenols, Oil and Grease or Chlorine (residual)?
   
 No  Yes

**Mod 9 Part IV: Facility Description**

A. The sewage plant/facility services: (Mark all boxes below that apply)

Mine Bathhouse  Mine Office  Other (specify)

(Enter appropriate number in space provided below)

Number of Persons:  Number of Buildings:  Total Acres:

**Mod 9 Part V: Description of Sewage Disposal System**

A. Provide the following information on the Collection System.

Sewer Lines Type (ASTM)	Sewer Lines Size (in)	Sewer Lines Length (ft)	Sewer Lines Joint Type	Sewer Lines Ground Cover (ft)	Forced Main Size (in)	Forced Main Length (ft)
PVC	4	40	O-ring	3	360	2

Number of Manholes:  Number of Cleanouts:  Number of Lift Stations:

B. Treatment Plant

- Mark the type of treatment system used. (If "Other" is marked specify type.)
   
 Extended Aeration  Stabilization Pond  Package Plant
   
 Other
- Flow: Existing (GPD)  Designed (GPD)
- Type of Pretreatment
- Type of Disinfection
- Sizes (Show any additional units below.)

Units <input type="text"/>	Describe Other <input type="text"/>	Size <input type="text"/>
----------------------------	-------------------------------------	---------------------------

C. Provide a plan view, of a reasonable scale, showing the sewage system to include:

- All units (buildings) being served. Label each unit (bathhouse, coal lab, prep.plant, etc.).
- All collection/connection lines labeled with diameter sizes.
- All manholes, cleanouts and/or lift stations.
- All treatment units of the system (aeration chambers, contact chambers, leach fields, stabilization ponds, polishing ponds, filter beds etc.) as they will be (or are) installed at the facility.
- Title block, scale and North arrow.

**Mod 9 Part VI: Description of Operations and Maintenance**

A. Will a certified operator run the facility?  No  Yes (If Yes, list certification)

Certified Operator Classification:

B. Describe the duties of the operator to include frequency of inspection.

C. List sewage treatment plant operating and wastewater testing equipment to be used and their availability on site.

D. Describe method of excess sludge disposal.

E. Describe provisions for operational reliability for the plant during period of power failure:

**Mod 9 Part VII: Modification of Existing Permit**

A. The applicant must present a detailed description, including drawings, water analyses, etc. supporting the need for the modification. A schedule of compliance (completion of final plans, commencement and completion of construction, operational level date, etc.) beginning at the time of permit modification issuance must also be provided where applicable.  
 NA

**Section I: Owner and Submitter Information**

Part A. Date:   
 Have any prior applications been made for this facility?  Yes  No  
 If yes, give dates of prior applications.

I. Owner of the Wastewater system:   
 Mailing Address:  (if this is Post Office Box  
 Street Address:  provide Street Address)  
 City:   
 Country:  State:   
 Zip:  Phone:   
 Phone EXT:

Form submitted by:   
 Email Address:   
 Mailing Address:  (if this is Post Office Box  
 Street Address:  provide Street Address)  
 City:   
 Country:  State:   
 Zip:  Phone:   
 Phone EXT:

**Section II: Location Information**

II. Physical location:   
 List Wastewater treatment facilities within one mile:

**Section III: Right-to-Enter Statement**

III. Attach a statement identifying the source of your right-to-enter in and upon the real property adjacent to the receiving stream to install or construct the proposed point source. (This can include recorded deeds, leases, options, real estate contracts and easements.)

Property is owned by the applicant

**Section IV: Discharge Information**

IV. Discharge point location. (This discharge point refers to the exact location of the pipe outlet from the treatment facility.)

(a) Name of the county where discharge point is located: Barbour

(b) Name of U.S.G.S. 7.5 minute topographic map: AUDRA  
 TOPOGRAPHIC MAP OR COPY OF THE TOPOGRAPHIC MAP SHOWING FACILITY LOCATION, EFFLUENT PIPELINE, AND DISCHARGE POINT MUST BE ATTACHED. (See item 3, instruction.)

(c) Immediate receiving stream is: Wash Run of the Buckhannon River  
 which is a tributary of Tygart Valley River (See item 4. instructions.)

(d) Does the immediate receiving stream have a year round flow?  Yes  No

(e) The discharge point on the immediate receiving stream is 1.7 Miles (to the nearest tenth) from the mouth of the immediate receiving stream.

(f) Within five miles down stream from the discharge point, does the receiving stream have a domestic water supply intake?  Yes  No; an impoundment?  Yes  No.

(g) Latitude and longitude of discharge point to the nearest second.  
 Latitude: 39 ° 06 ' 27 "  
 Longitude: 80 ° 08 ' 22 " Interactive Mapper  
 Verify County vs Lat Long

Geospatial method: Digital/Manual Interpolation from a map

Datum: NAD27

(h) Give measured drainage area from the U.S.G.S. topographic map: 0.044 Square Miles. (See item 5, instructions.)

**Section V: Facility Description**

V. Facility Description

(a) Name and purpose of facility (name of municipality, name of mobile home park, name of motel, etc.): North Central Resources No. 1

(b) Will this treatment plant handle sewage from town/entities other than the owner listed above?  
 Yes  No  
 If yes, list all other town/entities.

(c) Will this facility be used for industrial wastes?  Yes  No  
 If yes, give the percent of flow from industrial users:

(d) Is this a proposal to construct a new treatment facility or to expand an existing treatment facility?  Yes  No  
 If yes, it will be necessary to fill out the Additional Information for Municipal/Private Sewage Treatment Wasteload Allocation Form.

(e) Design Standards

Design Criteria	Existing		Design (See item 6. instructions.)	
Number of persons	NA	Person	42	Person
Flow per person	-	gal/day/person	20	gal/day/person
Total waste water flow	1	gallon/day	840	gallon/day

**Section VI: Public Sewer Information**

VI. (a) Distance to the nearest public sewer:   Miles  Feet.  
 (b) Street or other location of nearest public sewer:   
 (c) Give reason why the public sewer is not being used: (See Item V. conditions.) Not available in the area.

**Mod 14 Part I: Inventory of Manmade Potential Contaminants**

A. Provide listing all manmade potential contaminants at your facility. At a minimum, be sure to include all of the activities such as; distribution, loading and bulk facilities, drums, tanks, areas used for maintenance and/or cleaning of equipment, preparation plant, material handling and storage areas to include piping, ditching and pumping of material. For each area/site potential contaminants are found include the following information:

1. Give a brief description of the potential contaminant with location (Ex: Stockton bench portable diesel tank; or Heating oil tank for office building; etc).
2. The specific type of potential contaminant (Ex: Diesel Fuel, Sodium Hydroxide),
3. The type of container or storage system used at this site and it's size (Ex: single wall steel tank on skids 750 gal; or 5 to 10 steel drums 55 gal),
4. The existing protective controls for the contaminant at that site (Ex: 110 cu ft of secondary containment by earthen dike lined with clay, containment barrels with oil absorbent materials for minor spills during during fueling),
5. Any proposed protective controls with a projected installation date (Ex: A secondary containment of 114 cu ft consisting of a concrete pad with block walls, sealed against leakage, is to be installed by August 1, 1997.)

Potential Groundwater Contaminant Sources and Controls	
Identification Number:	<input type="text" value="1"/>
Item Description:	<input type="text" value="Raw coal stockpiles-diesel fuel tank"/>
Material:	<input type="text" value="Diesel"/>
Container Type:	<input type="text" value="10,000 gallon steel tank"/>
Existing Controls:	<input type="text" value="NA"/>
Proposed Controls:	<input type="text" value="Secondary tank"/>
Identification Number:	<input type="text" value="2"/>
Item Description:	<input type="text" value="Portal shop-typical oils and grease"/>
Material:	<input type="text" value="Engine and hydraulic oils, grease and antifreeze"/>
Container Type:	<input type="text" value="Portable totes and containers"/>
Existing Controls:	<input type="text" value="NA"/>
Proposed Controls:	<input type="text" value="Concrete containment"/>
Identification Number:	<input type="text" value="3"/>
Item Description:	<input type="text" value="Warehouse and portal-spill containment"/>
Material:	<input type="text" value="Absorbents"/>
Container Type:	<input type="text" value="Box"/>
Existing Controls:	<input type="text" value="NA"/>
Proposed Controls:	<input type="text" value="NA"/>

**Mod 14 Part II: Spill Response Plan**



A. Provide a plan that will be followed when a leak or spill of a potential contaminant is detected at the facility. At a minimum provide the following:

1. The types of immediate action that will be taken by the person finding the leak/spill to prevent further contamination. (*immediate actions taken, materials used, procedures followed, persons contacted, etc.*),
2. Location and title/name of the person (*spill coordinator*) that is responsible for insuring the GPP is followed and to whom all leaks/spills are reported. (*use position not name, i.e. foreman, superintendent*),
3. The procedures that the spill coordinator will follow when contacted about a leak/spill. (*give procedures for each type of potential contaminant at the facility, by size of the leak/spill*),
4. The actions that will be taken should the spill be beyond the capability of the site personnel. (*provide who will be contacted in the case of such a situation and provide options to be taken*),
5. The disposal of the contaminated materials collected from leaks/spills during routine maintenance of the GPP. (*if by private contractor give name and address of company or method by which contract is let*).

See Attachment 14-II-A

**Mod 14 Part III: Training and Inspections**

A. Provide procedures and schedules for initial and refresher training of employees, contract workers and site visitors concerning their involvement and the requirements of the "Spill Response Plan" for the site.

See Attachment 14-III-A





B. Provide procedures for inspections (*min. every 6 months*) and routine maintenance operations to insure the Groundwater Protection Plan are in place and in good working order.

See Attachment 14-III-B

**Mod 14 Part IV: Monitoring Wells**

A. Identify by type and number each groundwater monitoring site being used to monitor the GPP. List the latitude and longitude (*to the nearest second*), the water surface and bottom elevation of each station.

N/A

Monitoring Wells			
Station Type:	Domestic	Station Number:	GW-1 Paugh Water Well
Latitude:	39 ° 09 ' 6 "	Longitude:	80 ° 12 ' 48 " 
Elevation Surface:	1055	Elevation Bottom:	-
Geospatial Method:	Digital/Manual Interpolation from a map	Datum:	NAD27
Station Type:	Domestic	Station Number:	GW-2 Jett Water Well
Latitude:	39 ° 09 ' 15 "	Longitude:	80 ° 13 ' 40 " 
Elevation Surface:	1110	Elevation Bottom:	-
Geospatial Method:	Digital/Manual Interpolation from a map	Datum:	NAD27
Station Type:	Domestic	Station Number:	GW-3 Simons Water Well
Latitude:	39 ° 8 ' 13 "	Longitude:	80 ° 09 ' 40 " 
Elevation Surface:	1190	Elevation Bottom:	-
Geospatial Method:	Digital/Manual Interpolation from a map	Datum:	NAD27
Station Type:	Domestic	Station Number:	GW-4 Ward Water Well
Latitude:	39 ° 06 ' 01 "	Longitude:	80 ° 09 ' 31 " 
Elevation Surface:	1470	Elevation Bottom:	-
Geospatial Method:	Digital/Manual Interpolation from a map	Datum:	NAD27

**Mod 14 Part V: Contamination and Monitoring Wells Map**

A. Submit a map showing the location of all items listed in "Part I" and "Part IV" above. Identify each on the map using the ID provided in this module or the Station Number for the monitoring well. The map shall be of the same scale as the "Module 1 Part VI" map and must clearly show each site. *(rubber tired mobile tanks may be addressed by a note on the map, see instructions)*

See "Module 1-VI"

**Advertisement: NPDES Issuance Advertisement**

**ADVERTISEMENT (MR-34-B)**


Notice is hereby given that NORTH CENTRAL RESOURCES, LLC 200 CHAPEL BROOK DR, BRIDGEPORT, WV 26330 has submitted an application for the **issuance** of Article 11/WVNPDES Permit Number WV1027026 to the Department of Environmental Protection, 47 School Street, Suite 301, Philippi, WV 26416-1150 in order to construct and operate a deep mine, preparation plant, fresh water impoundment and ancillary facilities

in the Lower Kittanning seam/mineral bed. The operation will discharge  Treated water,  Untreated water,  Storm water into an unnamed tributary of/and Indian Fork of Elk Creek of West Fork River and unnamed tributary of/and Wash Run of Big Run and unnamed tributaries of/and Big Run of the Buckhannon River

of Tygart Valley River and is located 2 (miles), northwest of Volga, in Union District(s) of Barbour County(ies), Longitude 80 ° 08 ' 57 " and Latitude 39 ° 06 ' 06 " (Coordinates from USGS Topographic Map).

The Department of Environmental Protection is seeking information on private surface water intakes for human consumption located in the above listed receiving streams and located down stream of this operation. Please provide your name, phone number, mailing address, the name of the stream being with the intake, and the physical location of the intake. This information needs to be submitted to the address above.

An anti-degradation review has been conducted. Tier 1 protection is afforded because effluent limitations ensure compliance with water quality criteria for all designated uses. Tier 2 anti-degradation review has been conducted. Information regarding impacts to baseline water quality, decisions regarding alternative analyses, and socio-economic evaluation are part of the public record.

Comments on the Article 11 WV/NPDES application or requests for a public hearing regarding the Article 11/NPDES application shall be in writing and if a public hearing is requested shall state the nature of the issues proposed to be raised in the hearing. Such written comments or requests should be sent to the Department of Environmental Protection (DEP) at the address above, and must also reference the Article 11/NPDES permit number shown above. Comments received by  , or thirty (30) days from date of publication, will be considered. A copy of the Article 11/WVNPDES application, draft permit and fact sheet (if required) will be available for inspection and obtaining copies during normal business hours at the DEP Regional Office located at the address above.

DEP Telephone No. 304-457-3219 Article 11/NPDES Permit No. WV1027026

**LOCATION MAP**

Each ad must include a clear and accurate location map of a scale and detail found in the West Virginia General Highway Map. The map size must be at a minimum four (4) inches by four (4) inches with the following shown on the map:

1. Clearly define the approximate limits of the proposed permit area.
2. Longitude and latitude lines must cross at or near the center of the proposed permit area.
3. A north arrow must be shown.
4. A map to scale.
5. District(s).
6. County(ies).
7. Associated SMCRA Application/Permit Number(s)

**eMaps: Maps and eMap Data Section**

This section is to attach, where appropriate, the proposal, drainage, and subsidence control maps along with the eMap. Click the 'Attachments' button at the top right.

The eMap file is used by WVDEP to update the GIS database. It will prevent errors in representing the applicant's permit features that arise from manually georeferencing and digitizing scanned images of permit maps. It also will reduce misrepresentation due to data being out of date.

1. This file should contain a subset of features found on proposal/drainage and subsidence control plan maps.
2. A file is only required for actions that also require a proposal/drainage map, renewal/progress map, final map, or subsidence control plan map.
3. Applicants should use the available CAD templates for DWG files, or follow instructions for creating shapefiles or a personal geodatabase.

The eMap file for this application should conform to the WVDEP eMap standards as defined at the following location:

**eMap Standards Requirements**

WVDEP eMap AutoCAD Templates are available at the following locations:

- Template files for North Zone
- Template files for South Zone

A free dwg file viewer can be downloaded from the following location: (Click the "Download Now" button)

Free Autodesk DWG viewer

For any questions about the eMap file or standards, please contact:

Nick Schaer (Email: Nick.A.Schaer@wv.gov (mailto:Nick.A.Schaer@wv.gov) Phone: 304-926-0499 ext 1510)  
Mike Shank (Email: Michael.C.Shank@wv.gov (mailto:Michael.C.Shank@wv.gov) Phone: 304-926-0499 ext 1620)

**Applicant Certification**

A. I certify under penalty of law that this application and all attachments were prepared under the direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

<i>(Name of Official)</i>	<i>(Title of Official)</i>

*(Signature in accordance with Title 47, Series 30, Section 4.7.1)*

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

My commission expires: \_\_\_\_\_

<i>(Signature of Notary Public)</i>	<i>(Seal)</i>

Any and all certifications pertaining to this application can be viewed at the WVDEP Regional Office.

**Applicant GPP Certification**

A. I, the undersigned, having examined this facility and this Groundwater Protection Plan (GPP), will commit the resources to comply with this plan, the Groundwater Protection Act, and the applicable regulations.

Kevin J. Bealko  
*(Name of Official)*

President  
*(Title of Official)*

\_\_\_\_\_  
*(Signature in accordance with Title 47, Series 30, Section 4.7.1)*

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

My commission expires: \_\_\_\_\_

\_\_\_\_\_  
*(Signature of Notary Public)*

*(Seal)*

Any and all certifications pertaining to this application can be viewed at the WVDEP Regional Office.