

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet
General Project Information

Project Name and or No.: PENGROVE COAL COMPANY, BEAN BF 467
PA-273
Location: Municipality and County: CHERRY VALLEY BOROUGH
BUTLER
Watershed: SLIPPERY ROCK CREEK
USGS Quadrangle: EAU CLAIRE
Latitude and Longitude: 41.145833000000003 -79.804167000000007

Contact Information

Contact Organization: PADEP BAMR
Contact Person: GEORGE STEINER
Contact Address: 400 MARKET STREET P.O. BOX 8476
HARRISBURG
PA
17105
Contact Telephone Number: 717-783-5645
Contact Email: gsteiner@state.pa.us

Organization Currently Responsible For Project Operations, Monitoring and Maintenance

Is this organization different from Contact Organization? Yes
Organization Name: PADEP BAMR CAMBRIA OFFICE
Organization Contact Name: P.J. Shah
Organization Contact Address: 286 INDUSTRIAL PARK ROAD
EBENSBURG
PA
Organization Telephone Number: 814-472-1800
Organization Email: _____

Site Information

Who owns the property the project is constructed upon?
HOMER HUNTER, SHERB JAMISON(LEESEE)

Driving Directions to the Project Site (from an easily identifiable reference point):
From Eau Claire, follow Rt. 38 north 3/4 mile to access road. Turn left on access road to project area.

Special instructions for entry to the site (gates, keys, notifications or permissions, etc.):
DEPARTMENT (CAMBRIA OFFICE) Should have key(s) if there is a lock on the manhole cover.

Is there a perpetual access agreement for monitoring and O&M? Yes No
Is the site readily accessible (by 2WD vehicle)? Yes No
Was project completed as part of an overall watershed restoration plan? Yes No
Is the plan available electronically? Yes No
Could you provide the DEP a copy of the plan? Yes No
Is a copy of the plan attached? Yes No

Project Description (Describe the treatment system including each individual component):
ANAEROBIC SULFATE REDUCING BIOREACTOR

Pre-Construction Discharge Flow and Monitoring Data

Is data available electronically? Yes No
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In what format? Microsoft Excel Access Database Other (specify) _____

Indicate how flow was measured: not known

Indicate laboratory that analyzed samples (or whether field kits were used)
DEP LAB

Could you provide this data to the DEP? Yes No

Is a copy of the data attached? Yes No

Pre-Construction Receiving Stream Flow and Monitoring Data

Is data available electronically? Yes No

In what format? Microsoft Excel Access Database Other (specify) _____

Indicate how flow was measured: not known

Indicate laboratory that analyzed samples
DEP LAB

Were any biological or fish surveys completed? Yes No

Could you provide this data to the DEP? Yes No

Is a copy of the data attached? Yes No

Treatment System Design Information and Criteria

Who or what firm completed project design? (Include name, address, phone, email and contact person, if available): PADEP BAMR CENTRAL OFFICE

400 MARKET STREET P.O. BOX 8476, HARRISBURG, PA 17105

MICHAEL LAZORCIK

717-783-7927, mlazorcik@state.pa.us

Are digital photographs of the site before, during and/or after construction available? Yes No

Was there a Specific Restoration or Treatment Goal for this treatment system? Yes No

If yes, please describe the goal: Reduce the AMD from the existing seep.

What is the Design Flow Rate? 10 GPM

Other design criteria (retention time, acidity loading or removal rate, metals loading or removal rate, alkalinity generation rate, etc.) Joe Schueck provided design od Anaerobic Sulfate reducing Bioreactor.

Does the treatment system take all of the flow or is some of the flow bypassed?
ALL OF THE FLOW

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Plans and Specifications:

As-Bid Project Drawings and Technical Specifications

Is this information available electronically?

Yes No

Could you provide the DEP a copy of the plan?

Yes No

Is a copy attached?

Yes No

As-Built Drawings

Is this information available electronically?

Yes No

Could you provide the DEP a copy of the plan?

Yes No

Is a copy attached?

Yes No

Construction and Project Funding Information

What year was the project constructed? 2005

When (specific date) did project construction begin? 10/21/2004

When (specific date) was project construction completed? 7/20/2005

Who was the Construction Contractor? (Name, Address, Phone, email, contact person)

Joseph C. Puryear Trucking & Excavating, 254 Harrisville Road, West Sunbury, PA 16061

Joseph C. Puryear

When (specific date) did the treatment system go on-line? unknown

Primary Funding Partners, and funding provided:

Source	True or false	Amount
Title IV, Appalachian Clean Streams	False	_____
PADEP Growing Greener	False	_____
10% AMD Set Aside Funds	False	_____
EPA Section 319	False	_____
OSM Watershed Cooperative Assistance Program	False	_____
NRCS	False	_____
EPA Watershed Protection	False	_____
USCOE	False	_____
University	False	_____
Private/Foundation	False	_____

How or by whom was treatment system construction funded or other funding not included in the table?

Source	Amount
Bonds	\$140,900.00
_____	_____
_____	_____

Post Construction Operation, Monitoring and Maintenance

Is there a Sampling and Monitoring Plan?

Yes No

Is the plan available electronically?

Yes No

Is a copy of the plan attached?

Yes No

Is treatment system currently being sampled and monitored?

Yes No

If so, by whom? P. J. Shah

Approximately how many hours per year are spent doing O,M&M for this system? unknown

Where are samples being analyzed? (Name, Address, Phone, email, contact person)

DEP lab

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If DEP Lab is being used, what is the project ID and the Sample Information System (SIS) monitoring point IDs?

CN94-47

- Is there an Operation and Maintenance Plan? Yes No
Is the plan available electronically? Yes No
Could you provide the DEP a copy of this information? Yes No
Is a copy of the information attached? Yes No

Comments on the treatment system: _____

Post- Construction Discharge Flow and Monitoring Data

- Is the data available electronically? Yes No
In what format? Microsoft Excel Access Database Other(specify) _____
Indicate how flow was measured: _____
Could you provide the DEP a copy of this information? Yes No
Is a copy of the information attached? Yes No

Post-Construction Receiving Stream Flow and Monitoring Data

- Is the data available electronically? Yes No
In what format? Microsoft Excel Access Database Other(specify) _____
Indicate how flow was measured: _____
Could you provide the DEP a copy of this information? Yes No
Is a copy of the information attached? Yes No
Were any biological or fish surveys that were completed on the receiving stream? Yes No

Treatment System Maintenance and/or Rehabilitation

- Has rehabilitation work been performed at the site? Yes No
True(yes) or false(no): _____

If yes, please list the rehabilitation activity. _____

If yes, please list the date of rehabilitation. _____

If yes, please list the rehabilitation cost. _____

What routine or non-routine maintenance issues have arisen since system was put online?

N/A

How was maintenance work funded?

N?A

What routine or non-routine maintenance is currently needed or anticipated in the next 1-3 years?

N/A

Other Comments

N/A

Person(s) Completing this Form (Name, Address, Phone, email, Date Completed):

Michael S. Lazorcik, BAMR, RCSOB, PO Box 8476, 400 Market, Harrisburg, PA 17105

7177837927, mlazorcik@state.pa.us, 1/20/09

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Is there any other person, company or organization that should be contacted for information about this treatment system or the information requested in this form?

(Include Name, Address, Phone, email, etc):

P.J. Shah, Cambria Office, (814)472-1800
