

PA-307



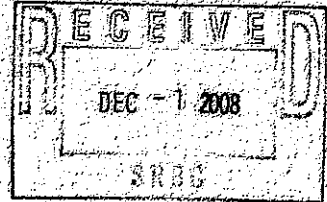
Pennsylvania Department of Environmental Protection

286 Industrial Park Road  
Ebensburg, PA 15931  
November 25, 2008

Bureau of Abandoned Mine Reclamation

814-472-1800

Tom Clark  
Susquehanna River Basin Commission  
1721 North Front Street  
Harrisburg, PA 17102



Re: Bear Run Phase II  
Project ID: PA-307  
Indiana County

Dear Watershed Steward:

Following the landmark reauthorization of the Surface Mining Control and Reclamation Act (SMCRA) in late 2006, Pennsylvania's Department of Environmental Protection (DEP) has continued to solicit public input on how best to utilize the increased funding coming to Pennsylvania for the reclamation of mine scarred lands and remediation of mine polluted waters. Among the input we have received is strong public support for providing increased funding for the operation and maintenance of acid mine drainage (AMD) treatment systems, and the need to better characterize the performance of those systems.

You have been identified as either the primary contact or the most knowledgeable person who can provide information about one or more of the nearly 300 publicly funded AMD treatment facilities constructed throughout Pennsylvania, and we would like to enlist your help. A database of publicly funded AMD treatment systems in Pennsylvania was constructed through prior efforts, in cooperation with the Office of Surface Mining. We need your help in expanding the information we already have for your system with additional data and other relevant documents. *(Should there be a more appropriate person to provide information for your treatment system, please pass this along to that person or forward to me that contact information.)*

The first area where we are requesting your assistance involves completing and verifying the accuracy of previously collected information for your treatment system on a form enclosed with this letter. Also, we are asking about the existence and availability of a variety of information regarding your system including, but not limited to, lab reports on water chemistry of the discharge and receiving stream and plans used in the construction of the system. We are asking you to provide copies of this information as well. If the information is available electronically, you can email it or copy it to a CD and mail it to my attention at the address provided below. If the information is available only in hard copy, you can mail it or contact me to make arrangements for us to pick it up. If requested, we can return originals to you once we copy or convert them to electronic format. This information will prove invaluable in the future.

November 25, 2008

for evaluating and addressing operation and maintenance needs, for evaluating best available technologies, and for documenting all of the work that has been completed.

Your form has already been populated with information currently in the database. Please review that information and revise as necessary. Please fill out blank fields to the best of your ability. If you are unable to answer a question, simply leave the answer blank or mark "don't know" if appropriate. Return your completed form to me via e-mail ([ecavazza@state.pa.us](mailto:ecavazza@state.pa.us)), fax (814-472-1839), or U.S. Mail (PA-DEP-BAMR, Cambria Office, 286 Industrial Park Road, Ebensburg, PA 15931-4119, attention: Eric Cavazza), whichever method is most convenient for you. We are asking you to submit the requested information by December 31 or to contact us and let us know when you can get us the information. Once we receive all of the information, DEP plans to convert everything to electronic format and make it available to the public via the internet. This information will benefit everyone working to eliminate the legacy of abandoned mine drainage problems by showcasing successes, minimizing failures, and allowing for better planning for the effective utilization of future funds and resources.

As a second phase of data collection for the publicly funded mine drainage treatment facilities, DEP will be partnering with the Western Pennsylvania Coalition for Abandoned Mine Reclamation (WPCAMR) and Stream Restoration, Incorporated (SRI) to complete one or two snapshot samplings of as many of the treatment systems as possible. WPCAMR will be undertaking and funding this effort in conjunction with an existing Growing Greener Grant for sample analysis support for monitoring passive AMD treatment systems. The sampling events are being targeted for late winter (February or March 2009) and early summer (June 2009). WPCAMR and SRI will be developing the details and logistics for this project in the near future and may also solicit your assistance in this endeavor. All sample results obtained will be provided back to you for your use and for your records.

We thank you in advance for providing this very valuable information. If you have any questions or would like to make arrangements to have us pick up or copy all or some of your information, do not hesitate to contact me at 814-472-1844 or [ecavazza@state.pa.us](mailto:ecavazza@state.pa.us).

Sincerely,



Eric Cavazza, PE  
Acting Chief  
DEP-Bureau of Abandoned Mine Reclamation  
Division of Acid Mine Drainage Abatement

Enclosures

PA-307

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

**General Project Information**

Project Name and or No: BEAR RUN PHASE II PA-307  
 Location: Municipality and County: INDIANA  
 Watershed: BEAR RUN  
 USGS Quadrangle: BURNSIDE  
 Latitude and Longitude: 0 0

**Contact Information**

Contact Organization: SUSQUEHANNA RIVER BASIN COMMISSION  
 Contact Person: TOM CLARK  
 Contact Address: 1721 NORTH FRONT STREET - 750 East Pike Rd.  
HARRISBURG Indiana  
PA  
47402-1570  
 Contact Telephone Number: 814-521-0093  
 Contact Email: tclark88@hotmail.com tclarkesrbnet

**Organization Currently Responsible For Project Operations, Monitoring and Maintenance**

Is this organization different from Contact Organization? False  
 Organization Name: EVERGREEN CONSERVANCY  
 Organization Contact Name: TOM CLARK  
 Organization Contact Address: P.O. BOX 0783  
INDIANA  
PA  
15701  
 Organization Telephone Number: 7172380423  
 Organization Email: \_\_\_\_\_

**Site Information**

Who owns the property the project is constructed upon?  
Cal Lind, a local private landowner

**Driving Directions to the Project Site (from an easily identifiable reference point):**

At the 219/36 intersection @ McGees Mills, take Rt 36 towards Punxsutawney. Take a left on Hillman Rd. and another left on Lochule Rd. System will be right after the sidway Rd intersection. back a gate road on the right

Special instructions for entry to the site (gates, keys, notifications or permissions, etc.):  
Tom Clark or Cal Lind would have to be notified as they have keys to the gate

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

depends on season  
 } not completed as of Jan 09, construction slated for summer/fall 2009.

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

Project Description (Describe the treatment system including each individual component):

not designed or constructed as of Jan 2009

**Pre-Construction Discharge Flow and Monitoring Data**

Is data available electronically?

Yes or No

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

Indicate how flow was measured: Digital Flow Meter

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

Mahaffey Labs

Could you provide this data to the DEP?

Yes or No

Is a copy of the data attached?

Yes or No

↳ on CD

**Pre-Construction Receiving Stream Flow and Monitoring Data**

Is data available electronically?

Yes or No

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

Indicate how flow was measured: Digital Flow Meter

Indicate laboratory that analyzed samples

Mahaffey Labs

Were any biological or fish surveys completed?

Yes or No

Could you provide this data to the DEP?

Yes or No

Is a copy of the data attached?

Yes or No

↳ on CD

**Treatment System Design Information and Criteria**

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

Tetra Tech  
6 Foster Plaza 7<sup>th</sup> Ed. Anderson Drive  
Pittsburgh, PA 15220 2745

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

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

If yes, please describe the goal:

To reduce Fe concentration to near water quality levels and to use the

What is the Design Flow Rate? not designed yet

Other design criteria (retention time, acidity loading or removal rate, metals loading or removal rate, alkalinity generation rate, etc.) not designed yet

Does the treatment system take all of the flow or is some of the flow bypassed?

Will take all flow

↳ alkaline effluent to dilute a mildly AMD impacted unnamed tributary adjacent to the south of the site

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

**Plans and Specifications:**

**As-Bid Project Drawings and Technical Specifications**

Is this information available electronically?  
 Could you provide the DEP a copy of the plan?  
 Is a copy attached?

Yes or  No  
 Yes or  No  
 Yes or  No

*not completed yet*

**As-Built Drawings**

Is this information available electronically?  
 Could you provide the DEP a copy of the plan?  
 Is a copy attached?

Yes or  No  
 Yes or  No  
 Yes or  No

**Construction and Project Funding Information**

What year was the project constructed? 2009 planned for 2009  
 When (specific date) did project construction begin? \_\_\_\_\_  
 When (specific date) was project construction completed? \_\_\_\_\_  
 Who was the Construction Contractor? (Name, Address, Phone, email, contact person) \_\_\_\_\_

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

**Primary Funding Partners, and funding provided:**

Source	True or false	Amount
Title IV, Appalachian Clean Streams	False	\$ .00
PADEP Growing Greener	True	\$380,709.00
10% AMD Set Aside Funds	False	\$ .00
EPA Section 319	False	\$ .00
OSM Watershed Cooperative Assistance Program	True	\$100,000.00
NRCS	False	\$ .00
EPA Watershed Protection	False	\$ .00
USCOE	False	\$ .00
University	False	\$ .00
Private/Foundation	False	\$ .00

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

Source	Amount
	\$ .00
	\$ .00

**Post Construction Operation, Monitoring and Maintenance**

Is there a Sampling and Monitoring Plan?  
 Is the plan available electronically?  
 Is a copy of the plan attached?  
 Is treatment system currently being sampled and monitored?  
 If so, by whom?  
 Approximately how many hours per year are spent doing O,M&M for this system? \_\_\_\_\_

Yes or  No  
 Yes or  No  
 Yes or  No  
 Yes or  No

*to be constructed in 2009*

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

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

Mohrley Labs

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

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

Comments on the treatment system:

**Post-Construction Discharge Flow and Monitoring Data**

Is the data available electronically? Yes or **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 or **No**  
Is a copy of the information attached? Yes or **No**

**Post-Construction Receiving Stream Flow and Monitoring Data**

Is the data available electronically? Yes or **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 or **No**  
Is a copy of the information attached? Yes or **No**  
Were any biological or fish surveys that were completed on the receiving stream? Yes or **No**

**Treatment System Maintenance and/or Rehabilitation**

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

If yes, please list the rehabilitation activity.

If yes, please list the date of rehabilitation. 0

If yes, please list the rehabilitation cost. \$ .00

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

Not built yet

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

How was maintenance work funded?

project not completed

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

1

**Other Comments**

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

Tom Clark                      tclarkes@net  
750 East Pike Rd.              1/20/2009  
Edison, PA 15701  
814-521-0093

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):