



Pennsylvania Department of Environmental Protection

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

Bureau of Abandoned Mine Reclamation

814-472-1800

Joe Ferrara
Knox DMO
P.O. Box 669
White Memorial Building
Knox, PA 16232

Re: Mead Run
Project ID: PA-261
Elk 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



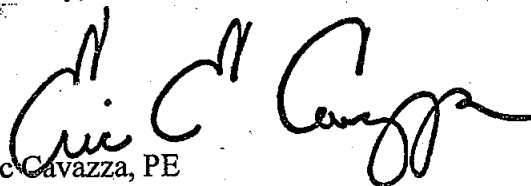
for evaluating and addressing operation and maintenance needs, for evaluating best available technologies, and for documenting all of the work that has been completed.

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), 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.

Sincerely,



Eric Cavazza, PE
Acting Chief

DEP-Bureau of Abandoned Mine Reclamation
Division of Acid Mine Drainage Abatement

Enclosures

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

General Project Information

Project Name and or No.: MEAD RUN PA-261
Location: Municipality and County: ELK
Watershed: LITTLE TOBY CREEK
USGS Quadrangle: _____
Latitude and Longitude: 41.313889000000003 -78.730277999999998

Contact Information

Contact Organization: KNOX DMO
Contact Person: JOE FERRARA
Contact Address: P.O. BOX 669 WHITE MEMORIAL BUILDING
KNOX
PA
16232
Contact Telephone Number: 8147971191
Contact Email: joferrara@state.pa.us

Organization Currently Responsible For Project Operations, Monitoring and Maintenance

Is this organization different from Contact Organization? False
Organization Name: TOBY CREEK WATERSHED ASSOCIATION
Organization Contact Name: BILL SABATOSE
Organization Contact Address: _____
Organization Telephone Number: 0
Organization Email: _____

Site Information

Who owns the property the project is constructed upon?

Do Not Know

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

Rte 219 W. to Shawmut Road - N. approx 4.5 mi.
System on East side of Shawmut Rd.

Special instructions for entry to the site (gates, keys, notifications or permissions, etc.):

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

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet
Project Description (Describe the treatment system including each individual component):

Two Cell Wetland

Pre-Construction Discharge Flow and Monitoring Data

Is data available electronically?

☒ Yes or No

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

Indicate how flow was measured: _____

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

DEP

Could you provide this data to the DEP?

☐ Yes or No

Is a copy of the data attached?

☒ Yes or No

Pre-Construction Receiving Stream Flow and Monitoring Data

Is data available electronically?

☒ Yes or No

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

Indicate how flow was measured: _____

Indicate laboratory that analyzed samples

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

Treatment System Design Information and Criteria

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

DAMARISCOTTA

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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:

What is the Design Flow Rate?

Other design criteria (retention time, acidity loading or removal rate, metals loading or removal rate, alkalinity generation rate, etc.)

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

yes - All

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?

Yes or No

Could you provide the DEP a copy of the plan?

Yes or No

Is a copy attached?

Yes or No

As-Built Drawings

Is this information available electronically?

Yes or No

Could you provide the DEP a copy of the plan?

Yes or No

Is a copy attached?

Yes or No

Construction and Project Funding Information

What year was the project constructed? 1996

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	False	\$.00
10% AMD Set Aside Funds	False	\$.00
EPA Section 319	True	\$133,250.00
OSM Watershed Cooperative Assistance Program	False	\$.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?

Yes or No

Is the plan available electronically?

Yes or No

Is a copy of the plan attached?

Yes or No

Is treatment system currently being sampled and monitored?

Yes or No

If so, by whom?

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

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet
Where are samples being analyzed? (Name, Address, Phone, email, contact person)

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

meade run - DrumA, DrumB, DrumC, DrumD

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?

Unknown

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet
How was maintenance work funded?

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

Other Comments

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

Joe Ferrara - KDMD
Ely Hefner - KDMD

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):

Gary Swope - NRCS - DuBois, PA