

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

General Project Information

Project Name and or No.: White Ash #3 - Tunnel C AMD 57(0727)101.1
Location: Municipality and County: Cherry Twp. Sullivan
Watershed: Loyalsock Creek
USGS Quadrangle: Lopez
Latitude and Longitude: 41.459443999999998 -76.366111000000004

Contact Information

Contact Organization: PADEP BAMR
Contact Person: MIKE KORB
Contact Address: 2 PUBLIC SQUARE, 5TH FLOOR
WILKES-BARRE
PA
18711
Contact Telephone Number: 570-826-2371
Contact Email: mkorb@state.pa.us

Organization Currently Responsible For Project Operations, Monitoring and Maintenance

Is this organization different from Contact Organization? No
Organization Name: _____
Organization Contact Name: _____
Organization Contact Address: _____

Organization Telephone Number: _____
Organization Email: _____

Site Information

Who owns the property the project is constructed upon?
White Ash Land Assoc. of Mildred, PA, Inc. - Treatment Sites, Joan Conway Comerford Estate - Access

Driving Directions to the Project Site (from an easily identifiable reference point):
From sharp turn on Rt. 487 in Lopez travel 0.9 miles to the dirt access road. Turn left onto dirt access road and travel 2.0 miles to another dirt road. Make a sharp left turn onto dirt access road and travel 0.1 mile.

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

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

Project Description (Describe the treatment system including each individual component):
The treatment system consists of an intake pond, a vertical flow pond, and a settling pond. The vertical flow pond consist of a layer of limeston, mushroom compost, and standing water. They system was designed to treat a portion of the flow and the by-pass water is to mix with the treated water before entering the receiving stream.

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

Pre-Construction Discharge Flow and Monitoring Data

Is data available electronically? ☒ Yes ☐ No

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

Indicate how flow was measured: Flow meter

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

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: _____

Indicate laboratory that analyzed samples
PA DEP Laboratory

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): PA DEP - Dennis Palladino

2 Public Sq. 5th Flr., Wilkes-Barre, PA 18711

(570)-830-3171

dpalladino@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: Treat 300 gpm

What is the Design Flow Rate? 300 gpm

Other design criteria (retention time, acidity loading or removal rate, metals loading or removal rate, alkalinity generation rate, etc.) 250 mg/l of alkalinity generation

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

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 ☐ 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? 1999

When (specific date) did project construction begin? May 10, 1999

When (specific date) was project construction completed? November 10, 1999

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

E.M. Brown Incorporated

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	_____	_____
PADEP Growing Greener	_____	_____
10% AMD Set Aside Funds	<u>True</u>	<u>291409</u>
EPA Section 319	_____	_____
OSM Watershed Cooperative Assistance Program	_____	_____
NRCS	_____	_____
EPA Watershed Protection	_____	_____
USCOE	_____	_____
University	_____	_____
Private/Foundation	_____	_____

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

Source	Amount
_____	_____
_____	_____
_____	_____

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? PA DEP BAMR

Approximately how many hours per year are spent doing O,M&M for this system? 16

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

PA DEP Laboratory

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

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

see attached

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: Flow meter

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. Clean out intake pond and construct berm around pond

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?

Intake pipes plugging with leaves and algae. During 2006 storm event the emergency spill way eroded and material washed into intake pond from access road.

How was maintenance work funded?

AD project

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

Cleaning of intake pipes

Other Comments

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

Todd Wood

2 Public Sq., 5th Flr., Wilkes-Barre, PA 18711

(570)-830-3171

twood@state.pa.us

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

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):
