

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

**General Project Information**

Project Name and or No.: BEAR RUN PHASE I PA-306  
 Location: Municipality and County: Banks Twp, INDIANA  
 Watershed: BEAR RUN (Tributary to the west Branch Susquehanna)  
 USGS Quadrangle: BURNSIDE  
 Latitude and Longitude: 40.8630° 78.8465°

**Contact Information**

Contact Organization: SUSQUEHANNA RIVER BASIN COMMISSION  
 Contact Person: TOM CLARK  
 Contact Address: 4721 NORTH FRONT STREET 750 East Pike Rd  
HARRISBURG Indiana  
PA  
17102 15701  
 Contact Telephone Number: 814-521-0093  
 Contact Email: tclark@srbc.net

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

Is this organization different from Contact Organization? False Yes  
 Organization Name: EVERGREEN CONSERVANCY  
 Organization Contact Name: TOM CLARK  
 Organization Contact Address: P.O. BOX 0783  
INDIANA  
PA  
15701  
 Organization Telephone Number: 717-298-0423 814-521-0093  
 Organization Email: info@evergreenconservancy.org

**Site Information**

Who owns the property the project is constructed upon?  
Pennsylvania Game Commission mainly and a small piece  
on Cal Lind's property. ~~Management Hills~~  
~~left on the banks of the river will be right after the intersection~~  
~~of Sidney Rd.~~

Driving Directions to the Project Site (from an easily identifiable reference point):  
At the 219/36 intersection @ McGees Mills, take 36 towards  
Ponxsotaway. Take a left on Hillman Rd and another left  
on Lohule Rd. System will be right after the Sidney Rd. intersection  
left

Special instructions for entry to the site (gates, keys, notifications or permissions, etc.):  
Since it is on public land for the most part, access is  
permitted

- 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
- Map on CD

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

Settling ponds & Wetlands for a moderate flow alkaline/high iron discharge. The system is composed of 9 alternating deep & shallow treatment cells.

**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):

ERIC ROBERTSON  
PA&D NRCS, 6024 Glades Pike Rd, Suite 105  
Somerset, PA 15501

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 the Fe concentration as much as the available land allowed and the use

What is the Design Flow Rate? don't know. Eric Robertson may know. Avg. Flow rate is 2406 gpm

Other design criteria (retention time, acidity loading or removal rate, metals loading or removal rate, alkalinity generation rate, etc.) don't know. Once again, a question

more for Eric Robertson

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

All of the flow.

↳ of the alkaline effluent water - to dilute a mildly AMD impacted unnamed tributary adjacent to the Page 2 of 5 site to the west.

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## 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?

on CD

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? 2008

When (specific date) did project construction begin? July 2008 (not sure of day)

When (specific date) was project construction completed? Oct 2008 (not sure of day)

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

Hutchison Excavating PO Box 153 Arnegh 15920  
814-446-6324

When (specific date) did the treatment system go on-line? Oct 2008 (not sure of day)

### Primary Funding Partners, and funding provided:

Source	True or false	Amount
Title IV, Appalachian Clean Streams	False	\$ .00
PADEP Growing Greener	True	\$100,000.00
10% AMD Set Aside Funds	False	\$ .00
EPA Section 319	False	\$ .00
OSM Watershed Cooperative Assistance Program	True	\$30,000.00
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?

on CD

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? Indiana Conservation District & the Susquehanna River Basin Commission

Approximately how many hours per year are spent doing O,M&M for this system? ~ 24

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

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

Mahaffey Labs 551 State St. Conowingo, PA 16833  
814-236-3540

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

Abatement Lab  
551 State St.

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  
on CD

Comments on the treatment system: Treatment system functioning properly  
with effluent Fe concentrations near water-quality standards

**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: digital flow meter  
Could you provide the DEP a copy of this information?  Yes or No  
Is a copy of the information attached?  Yes or No  
on CD

**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: digital flow meter  
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  
Completed for 2009

**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?

Just clearing leaves.

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How was maintenance work funded?

Maintenance should be extremely minimal. Maintenance done as in-kind.

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

None

**Other Comments**

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

Tom Clark, SRBC AMD Project Coordinator

750 East Pike Rd.

Indiana, PA 15701

814-521-0093 tclark@srbc.net

12/05/08

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):