

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

General Project Information

Project Name and or No.: BELL COLLIERY VFP PA-149
Location: Municipality and County: SCHUYLKILL
Watershed: SCHUYLKILL RIVER
USGS Quadrangle: DELANO
Latitude and Longitude: 40.753056000000001 -76.050832999999997

Contact Information

Contact Organization: USGS
Contact Person: CHARLES CRAVOTTA
Contact Address: 215 LIMEKILN ROAD, NEW CUMBERLAND, PA 17070
Contact Telephone Number: 7177306963
Contact Email: cravotta@usgs.gov

Organization Currently Responsible For Project Operations, Monitoring and Maintenance

Is this organization different from Contact Organization? False
Organization Name: SCHUYLKILL COUNTY CONSERVATION DISTRICT
Organization Contact Name: WAYNE LEHMAN
Organization Contact Address: 1206 AG CENTER DRIVE, POTTSTVILLE, PA 17901
Organization Telephone Number: 5706223742
Organization Email: wlehman@co.schuykill.pa.us

Site Information

Who owns the property the project is constructed upon?
3 PARCELS
BROOK RENTALS LLC
RINGTOWN RENTALS LLP
READING ANTHRACITE

Driving Directions to the Project Site (from an easily identifiable reference point):
FROM POTTSTVILLE - ROUTE 209 EAST TO INTERSECTION OF VALLEY STREET AND ROUTE 209 LOCATED SOUTH OF MARY D
LOOK FOR YELLOW GATE SOUTH OF SR209

Special instructions for entry to the site (gates, keys, notifications or permissions, etc.):
SITE IS GATED. WAYNE LEHMAN, SCD, HAS KEY.

- 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

DEP HAS COPY OF IMPLEMENTATION PLAN

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

VERTICAL flow system - WATER INLET DIVIDES FLOW INTO 2 CELLS.
EACH IS FILLED WITH LIMESTONE. WATER PERCOLATES DOWN THRU LIMESTONE
INTO COLLECTION PIPES - WATER FLOWS THRU PIPES UNDER RIVER TO
WETLAND CELL. WATER FLOWS THRU WETLAND CELL AND EXITS THRU AGRI-DRAIN
TO EMPTY INTO SCH. RIVER

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: _____

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

USGS - SEG CRAVOTTA

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) _____

Indicate how flow was measured: _____

Indicate laboratory that analyzed samples

SEG CRAVOTTA USGS

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):

CHUCK CRAVOTTA
USGS NEW CUMBERLAND
5707306963

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:

REMOVE IRON - RAISE PH

What is the Design Flow Rate? SEG CRAVOTTA USGS

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

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

ALL THE FLOW MOST OF THE TIME

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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? 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? 2004

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)

~~Wayne Lenman~~ DUDASH PIPELINE COMPANY INC.
318 SPRING GARDEN ST POTTSVILLE PA 17901 570-622-6743

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	\$270,245.00
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
Delaware River Basin Commission	\$72,000.00
	\$.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? PERIODICALLY WAYNE LENMAN SCD

Approximately how many hours per year are spent doing O,M&M for this system? 50

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

NA

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: SEEMS TO BE WORKING EFFECTIVELY

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: SEE CRAVOTTA USGS

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: SEE CRAVOTTA USGS

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. REPLENISHED LIMESTONE 2007

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?

SOME CHIPPING

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How was maintenance work funded?

PRIVATE FUNDING

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

MONITOR FLUSHING

Other Comments

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

William Reuther

PO BOX 1385

Portsville PA 17901

MARCH 31 2009

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):