

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

General Project Information

Project Name and or No.: LANGELOTH BOREHOLE PA-164
Location: Municipality and County: Smith Twp. WASHINGTON
Watershed: RACCOON CREEK
USGS Quadrangle: AVELLA
Latitude and Longitude: 40.355832999999997 -80.394443999999993

Contact Information

Contact Organization: WASHINGTON COUNTY CONSERVATION DISTRICT
Contact Person: GARY STOKUM
Contact Address: 100 WEST BEAU STREET, SUITE 105
WASHINGTON
PA
15301
Contact Telephone Number: 7242286774
Contact Email: WASHCOCD@YAHOO.COM

Organization Currently Responsible For Project Operations, Monitoring and Maintenance

Is this organization different from Contact Organization? no
Organization Name: Same as above
Organization Contact Name:
Organization Contact Address:
Organization Telephone Number: 0
Organization Email:

Site Information

Who owns the property the project is constructed upon?
Roy Balagna

Driving Directions to the Project Site (from an easily identifiable reference point):
SR 18 south of intersection of SR 18 and SR 22, through Burgettstown,
Approximately 6 miles south to Balagna Industrial Road on right
hand side (northwest side of Rt 18). Treatment pond 0.6 mile on left of road

Special instructions for entry to the site (gates, keys, notifications or permissions, etc.):
Gate open during the day always.

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
Could you provide the DEP a copy of the plan? Yes or No
Is a copy of the plan attached? Yes or No

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

Passive treatment system, net alkaline, designed by USDA NRCS
Two cell settling basin.

Pre-Construction Discharge Flow and Monitoring Data

Is data available electronically? Everything is on Datashed Yes or No

In what format? Microsoft Excel ___ Access Database ___ Other(specify) Datashed.org

Indicate how flow was measured: bucket

Indicate laboratory that analyzed samples (or whether field kits were used)
DEP Lab through the Greensburg Mining Office

Could you provide this data to the DEP? Datashed.org 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) Datashed.org

Indicate how flow was measured: bucket

Indicate laboratory that analyzed samples
DEP lab through the Greensburg Mining Office

Were any biological or fish surveys completed? Yes or ___

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): USDA Natural Resources Conservation Service

0 Somerset PA
Engineering field office

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 ___

If yes, please describe the goal:

Remove as much iron as possible with the area of land we had available

What is the Design Flow Rate? 113.5 gpm

Other design criteria (retention time, acidity loading or removal rate, metals loading or removal rate, alkalinity generation rate, etc.) 2 1/2 day retention time or greater

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

All of the flow

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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? data shed . org Yes or No
 Is a copy attached? Yes or No

As-Built Drawings

Is this information available electronically? data shed . org 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? 1998

When (specific date) did project construction begin? 1997

When (specific date) was project construction completed? 1999

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

Jim Stoy Excavation

Somerset, PA

When (specific date) did the treatment system go on-line? 1998

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	\$42,000.00
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? data shed . org 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? Washington County Conservation District, Raccoon Creek Watershed Assoc., SRI

Approximately how many hours per year are spent doing O,M&M for this system? 40 hrs

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

none at this time

prior

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?

datashed.org

Yes or No

Is a copy of the information attached?

Yes or No

Comments on the treatment system: The system is working perfectly but iron will need to be removed and disposed of in approximately 5 years

Post- Construction Discharge Flow and Monitoring Data

Is the data available electronically?

Yes or No

In what format? Microsoft Excel ___ Access Database ___ Other(specify) datashed.org

Indicate how flow was measured: bucket

Could you provide the DEP a copy of this information?

datashed.org

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) datashed.org

Indicate how flow was measured: bucket estimate

Could you provide the DEP a copy of this information?

Yes or No

Is a copy of the information attached? datashed.org

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?

vandalism

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How was maintenance work funded?

Maintenance fund held by the Penn's Corner Conservancy Charitable Trust
The original fund was established through a penalty assessment collected by the
DEP and granted to the watershed association

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

Mowing, trimming of woody vegetation, cleaning of the plates in the water level
control structure, iron will need dredged out in the near future, fence repair.

Other Comments

No recent performance data is available. Flow varies greatly with rainfall due to depth to mine.

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

Gary Stekum
Washington County Conservation District
Suite 105 Courthouse Square
Washington, PA 15301
724-228-6774
washcoed@yahoo.com
12/1/08

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):