

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

General Project Information

Project Name and or No.: NORTH FORK MONTOUR RUN PA-235
Location: Municipality and County: ALLEGHENY
Watershed: MONTOUR RUN
USGS Quadrangle: CLINTON
Latitude and Longitude: 40.473332999999997 -80.276944

Contact Information

Contact Organization: MONTOUR RUN WATERSHED ASSOCIATION
Contact Person: STAN SATTINGER
Contact Address: P.O. BOX 15509, PITTSBURGH, PA 15244
Contact Telephone Number: 4128354033
Contact Email: sattinss@aol.com

Organization Currently Responsible For Project Operations, Monitoring and Maintenance

Is this organization different from Contact Organization? True No
Organization Name:
Organization Contact Name:
Organization Contact Address:
Organization Telephone Number: 0
Organization Email:

Site Information

Who owns the property the project is constructed upon? Allegheny County Airport Authority

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

From Pittsburgh, follow US 30 west to the village of Imperial. Continue approx. 3 miles beyond Imperial on US 30 and turn right onto the north-bound on-ramp for the Findlay Connector. Must pay toll. Entrance gate for the site is on right side just past toll gate.

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

Must contact Manager of Environmental Affairs, Pittsburgh Int'l. Airport, for gate key and permission to enter.

- 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

* Tim Danehy of SRI could provide an electronic copy and/or hard copy.

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

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

A pipe beneath the Findlay Connector conveys mine discharge water to three settling ponds, where much of the dissolved iron precipitates out. A pair of vertical flow ponds may operate in either series or parallel to neutralize acidity and generate alkalinity. A 1/3-acre treatment wetland completes the precipitation of the iron.

Pre-Construction Discharge Flow and Monitoring Data

Is data available electronically? Yes or No

In what format? Microsoft Excel Access Database Other(specify) FACTS Data Shed

Indicate how flow was measured: Weir

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

GFC Coal Analysis Lab, Inc.

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) FACTS Data Shed

Indicate how flow was measured: Weir

Indicate laboratory that analyzed samples

GFC Coal Analysis Lab, Inc.

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): TIM DANEHY

STREAM RESTORATION INC.

0

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:

Significant decrease in non-point-source acidity & iron loadings to N. Fork of Montour Run

What is the Design Flow Rate? 68 gpm average; 110 gpm maximum

Other design criteria (retention time, acidity loading or removal rate, metals loading or removal rate, alkalinity generation rate, etc.) 32,000 lb of acid and 32,000 lb of iron removed per year

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

Takes all of the flow

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?

Could you provide the DEP a copy of the plan?

Is a copy attached?

Yes or No
 Yes or No
 Yes or No

As-Built Drawings

Is this information available electronically?

Could you provide the DEP a copy of the plan?

Is a copy attached?

Yes or No
 Yes or No
 Yes or No

T. Danehy

Construction and Project Funding Information

What year was the project constructed? 2008

When (specific date) did project construction begin? Feb. 4, 2008

When (specific date) was project construction completed? June 1, 2008

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

Quality Aggregates, Inc., 200 Neville Road, Neville Island, PA 15225.

Jeffrey Ankrom, Vice Pres. 412-777-6717

When (specific date) did the treatment system go on-line? June 1, 2008

Primary Funding Partners, and funding provided:

Source	True or false	Amount
Title IV, Appalachian Clean Streams	False	\$.00
PADEP Growing Greener	True	\$337,400.00 <i>337,367.00</i>
10% AMD Set Aside Funds	False	\$.00
EPA Section 319	False	\$.00
OSM Watershed Cooperative Assistance Program	True	\$100,000.00
NRCS	False	\$.00
EPA Watershed Protection	False	\$.00
USCOE	False	\$.00
University	False	\$.00
Private/Foundation	True <i>False</i>	\$236,914.00 <i>.00</i>

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

Source	Amount
<i>In-kind services from PA Turnpike Commission</i>	\$.00 <i>189,120.00</i>
<i>Matching cash, goods, & services from partners</i>	\$.00 <i>47,794</i>

Post Construction Operation, Monitoring and Maintenance

Is there a Sampling and Monitoring Plan?

Is the plan available electronically?

Is a copy of the plan attached?

Is treatment system currently being sampled and monitored?

If so, by whom? BioMost, Inc.

Approximately how many hours per year are spent doing O,M&M for this system? 30

Yes or No
 Yes or No
 Yes or No
 Yes or No

Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

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

G&C Coal Analysis Lab, RDI, Box 324, Summerville, PA 15864
814-849-2559, Michael J. Chestnut, Director

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: Working as intended

Post- Construction Discharge Flow and Monitoring Data

Is the data available electronically?

Yes or No

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

Indicate how flow was measured: Weir

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) FACTS DataShed

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?

None to date

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?

None

Other Comments

Rehabilitation Stream Restoration Inc.

← ?

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

Stan Sattinger

3215 Wellsview Drive

Pittsburgh PA 15241

sattin5@aol.com

412-835-4033

31 Dec 2008

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):

T. Danchy, Stream Restoration, Inc.