

# Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

## General Project Information

Project Name and or No.: LONG RUN DIVERSION WELLS PA-260  
Location: Municipality and County: CLEARFIELD  
Watershed: CLEARFIELD CREEK  
USGS Quadrangle: GLEN RICHEY  
Latitude and Longitude: 40.584443999999998 -78.212778

## Contact Information

Contact Organization: CLEARFIELD COUNTY CONSERVATION DISTRICT  
Contact Person: RACHEL KESTER  
Contact Address: 650 LEONARD STREET  
CLEARFIELD  
PA  
16830  
Contact Telephone Number: 8147652629  
Contact Email: rkesterccd@atlanticbbrn.net

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

Is this organization different from Contact Organization? False  
Organization Name: BOGGS TOWNSHIP  
Organization Contact Name:   
Organization Contact Address: P.O. BOX 169  
WEST DECATUR  
PA  
16878  
Organization Telephone Number: 8143425243  
Organization Email: boggstownship@comcast.net

## Site Information

Who owns the property the project is constructed upon? *\* Project not yet constructed \**  
(Wild Flowage) LR2 - Timothy & David Wisor 1106 Long Run Rd, West Decatur, PA 16878  
(LR4) Spring Valley - Bessie E Peters 1440 Valley Rd., West Decatur, PA 16878

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

SEE ATTACHED

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

None yet

Is there a perpetual access agreement for monitoring and O&M?

Is the site readily accessible (by 2WD vehicle)?

Was project completed as part of an overall watershed restoration plan?

Is the plan available electronically?

Could you provide the DEP a copy of the plan?

Is a copy of the plan attached?

Yes or ☒ No  
☒ Yes or No  
☒ Yes or No  
Yes or ☒ No  
Yes or ☒ No  
Yes or ☒ No

*No agreement yet*

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

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

Series of two diversion wells each with a water intake, piping, a well & outlet to the stream.

### 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: flow meter or weir

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

Manafley Laboratory, LTD.

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: flow meter

Indicate laboratory that analyzed samples

Manafley Laboratory, LTD.

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):

JUSTIN GRIEBEL

PACD

8142268160

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:

Restore 4mi of Long Run to fishable stream

What is the Design Flow Rate? TBD

Other design criteria (retention time, acidity loading or removal rate, metals loading or removal rate, alkalinity generation rate, etc.) TBD - Justin Griebel is currently

working on the design plan

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

bypassed

*there will be.*

# 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?

*None  
available  
yet*

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

## Construction and Project Funding Information

What year was the project constructed? 2008 2009

When (specific date) did project construction begin? hasn't yet

When (specific date) was project construction completed? N/A

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

N/A

When (specific date) did the treatment system go on-line? N/A

## Primary Funding Partners, and funding provided:

Source	True or false	Amount
Title IV, Appalachian Clean Streams	False	\$ .00
PADEP Growing Greener	True	\$49,977.00
10% AMD Set Aside Funds	False	\$ .00
EPA Section 319	False	\$ .00
OSM Watershed Cooperative Assistance Program	False	\$ .00
NRCS	False	\$ .00
EPA Watershed Protection	False	\$ .00
USCOE	False	\$ .00
University	False	\$ .00
Private/Foundation	True	\$18,960.00

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?

Is the plan available electronically?

Is a copy of the plan attached?

Is treatment system currently being sampled and monitored?

If so, by whom?

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

Yes or No

Yes or No

Yes or No

Yes or No

*not yet*

# Publicly Funded Mine Drainage Treatment or Abatement Project Information Sheet

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

Will be analyzed by Mahaffey Lab and/or Carl Undercoffer  
81 Hudson Dr. Woodland PA 16838

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

N/A

Is there an Operation and Maintenance Plan?

Yes or ☒ No *not yet*

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:

\_\_\_\_\_  
\_\_\_\_\_

## Post- Construction Discharge Flow and Monitoring Data *N/A*

Is the data available electronically?

Yes or 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 or No

Is a copy of the information attached?

Yes or No

## Post-Construction Receiving Stream Flow and Monitoring Data *N/A*

Is the data available electronically?

Yes or 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 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 *N/A*

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?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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How was maintenance work funded?

N/A

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

N/A

**Other Comments**

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

Rachel Kester

650 Leonard Street, Clearfield PA 16830

rkesterccd@atlanticbbn.net

12/4/08

**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):

Not at this time



## CLEARFIELD COUNTY CONSERVATION DISTRICT

650 LEONARD STREET - CLEARFIELD, PA 16830 - PHONE (814) 765-2629

December 4, 2008

Eric Cavazza  
PA-DEP-BAMR, Cambria Office  
286 Industrial Park Road  
Ebensburg, PA 15931-4119

RE: Long Run Diversion Well project, PA-260

Dear Eric,

Enclosed you will find the information form that you sent to me in the mail for the Long Run Diversion Well project. Unfortunately, due to many factors, these wells have not yet been constructed. I am currently working with an engineer from PACD to finalize the diversion well design and we hope to secure the permitting over the winter and construct the systems in the spring/summer of 2009. I have filled out the forms as best that I can for now and I have included the relevant water quality data (on CD), directions to the site and a location map.

As I know you have an interest in the long-term operation, maintenance, and repair of these systems, I will say this: although we have a commitment on the part of the Boggs Township Supervisors to do the maintenance on these wells and keep them filled with limestone, we do not have a secured source of funding for limestone at this time. We have plans to build two wells instead of the proposed four and use any leftover money to stockpile limestone until a source of funding can be found.

Also, one of the sites that was originally slated for a diversion well was in the headwaters of Long Run near a BAMR reclamation site (LR1 on map); however, this site was looked at by the PACD engineer and it was determined that a diversion well would not be appropriate due to the low gradient of the stream in this area. Although he does not recommend a diversion well for this site, he did state that treatment would be necessary to receive the desired outcome in the stream (fishable miles) and his recommendation was limestone sanding or some retro-fit of the settling pond put in by BAMR.

If I can provide you with any additional information, please feel free to call me at 814-765-8130 or email me at [rkesterccd@atlanticbbs.net](mailto:rkesterccd@atlanticbbs.net).

Sincerely,  
*Rachel E. Kester*  
Rachel Kester  
Watershed Specialist

## **Directions to Long Run diversion well locations**

### **Spring Valley site**

From Clearfield take SR 879 (Clearfield Bypass)  
Turn onto SR 153 South toward Houtzdale  
Turn left onto Old Erie Pike toward Spring Valley/Woodland  
Follow until you bear left onto Spring Valley Road  
Project site is upstream and to the left of the bridge crossing Long Run in the village of Spring Valley

### **Wild Flower Road site**

From Clearfield take SR 879 (Clearfield Bypass)  
Turn onto SR 153 South toward Houtzdale  
Turn left onto Old Erie Pike toward Spring Valley/Woodland  
Follow until you bear left onto Spring Valley Road  
Then turn right onto Long Run Road  
Next turn left onto Wild Flower Road (dirt road)  
Project site is just ahead at stream crossing