



**AMD Treatment System Form for Datashed  
 AML/AMD Remediation Projects**

Project Name: SR101A (Slippery Rock Passive Treat Rehab & Maintenance) AMLIS #: \_unknown\_

Latitude: 41.099444 Longitude: -79.841667 Determined by GPS? Y  N

Watershed Name: Slippery Rock Creek Receiving Stream: Slippery Rock Creek

USGS Quadrangle: Hilliard's, PA County: Butler

Township/City: Washington Township

Contact Person/Organization:							
<b>Name:</b>				<b>Address:</b>			
Cliff Denholm/Stream Restoration Incorporated				PO Box 837			
<b>Telephone Number + Area Code:</b>				Slippery Rock, PA 16057			
(724)-279-5080							
<b>Email Address:</b>							
sri@streamrestorationinc.org							
Organization responsible for operation/maintenance of project if different than above:							
<b>Name:</b>				<b>Address:</b>			
<b>Telephone Number + Area Code:</b>							
<b>Email Address:</b>							
Source of AMD:							
Underground	<input checked="" type="checkbox"/>	Surface	<input type="checkbox"/>	Refuse	<input type="checkbox"/>	Oil-Gas well	<input type="checkbox"/>
Treatment System Information:							
<b>Year Re-Constructed:</b>	2021			<b>Total Capital Cost:</b>	\$		
<b>Was this a Rehabilitation Project?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Date of Original System:</b>	1998	<b>Costs Of Rehabilitation:</b>	\$ 86,314	
<b>Describe Rehabilitation Activities:</b> <u>See as-built plan and final report on Datashed for additional detail. Sludge, sediment, and organic debris were removed from system components and placed in sludge pond on-site.</u>							

If this project includes land reclamation as more than 50% of the total cost, what is the estimated cost of the land reclamation? \$ \_\_\_\_\_

Primary Funding Partners and Funding Provided	
Source	Amount
Title IV, Appalachian Clean Streams	
PADEP Growing Greener	\$50,901.85
PADEP Other	
PADCNR	
AMD Set Aside Funds	
EPA Section 319	
OSM Watershed Cooperative Assistance Program	
NRCS	
EPA Watershed Protection	
USCOE	
University	
Bond Forfeiture	
Reclamation in Lieu of Penalty	
Consent Order	
Foundation for PA Watersheds	\$7,500.00
Private/Foundation	
In-kind Contributions	\$27,911.77
Other Funding Partner (Please note)	

**Treatment Technology: Select all that apply at the site.**

Treatment System	# of Treatment Cells	Contain Siphon Automatic Flushing		Comments
		Y	N	
<b>Typical methods</b>		<input type="checkbox"/>	<input type="checkbox"/>	
Aerobic Wetland	2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Original – cleaned out in 2021
Anaerobic Wetland		<input type="checkbox"/>	<input type="checkbox"/>	
ALD	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Original 900 tons of limestone – no change
Limestone Sand Dosing		<input type="checkbox"/>	<input type="checkbox"/>	
Diversion Well/Mechanical Limestone Addition		<input type="checkbox"/>	<input type="checkbox"/>	
Oxic Limestone Drain (OLD)		<input type="checkbox"/>	<input type="checkbox"/>	
Oxic Limestone Channel (OLC)		<input type="checkbox"/>	<input type="checkbox"/>	
Low pH Fe Oxidation Channel		<input type="checkbox"/>	<input type="checkbox"/>	
Limestone Pond ( <i>Specify UP, DF or HF under comments</i> )		<input type="checkbox"/>	<input type="checkbox"/>	
SAP ( <i>Specify UP, DF or HF under comments</i> )		<input type="checkbox"/>	<input type="checkbox"/>	
Bio-Reactor ( <i>Specify UP, DF or HF under comments</i> )		<input type="checkbox"/>	<input type="checkbox"/>	
VFP ( <i>Specify UP, DF or HF under comments</i> )		<input type="checkbox"/>	<input type="checkbox"/>	
Manganese Removal Bed		<input type="checkbox"/>	<input type="checkbox"/>	
Pyrolusite Bed		<input type="checkbox"/>	<input type="checkbox"/>	
Settling/oxidation Pond	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Original – cleaned out in 2021

UF = Upflow

DF = Downflow (like in a traditional SAP)

HF = Horizontal Flow

Other Methods	Comments
Well Plugging	
Steel Slag	
Land Reclamation to cover toxic material or prevent water infiltration.	
In-Situ Treatment ( <i>Include type under comments</i> )	
Chemical Addition Treatment Plant ( <i>Include Chemical used under comments</i> )	
Lime Doser ( <i>Include Chemical used under comments</i> )	
Mechanical Aeration ( <i>Include type under comments</i> )	
Others ( <i>discuss in comments</i> )	Sludge pond constructed in 2021

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Project Designer:			
BioMost, Inc.			
Organization:			Telephone Number + Area Code:
See above.			724-776-0161
Water Information:			
	Inflow (ALD)	Outflow (WL2)	Load Reductions (lbs/day)
Flow (gpm)	See Datashed	See Datashed	See Datashed
pH			
Total Iron (mg/L)			
Ferrous Iron (mg/L)			
Hot Acidity (mg/L)			
Alkalinity (mg/L)			
Total Aluminum (mg/L)			
Total Manganese (mg/L)			
Date of Collection			

If more detailed water quantity and quality data is available, please provide the following:	
Contact:	Uploaded to datashed.org
Telephone:	
Email:	

If receiving stream or macroinvertebrate information is available please provide the following:		
Contact:		
Telephone:		
Email:		
<b>Comments:</b> <i>(specific to O&amp;M; performance; impact on receiving stream. Include date of inspection and name and telephone number of person making comment)</i>		
Date	Name	Telephone Number + Area Code
<b>Comment:</b> As-Builts and OM&R Plan posted on <a href="http://www.datashed.org">www.datashed.org</a>		

Any links specific to this watershed that should be included?	
Web Address	See Datashed.

Send to your DEP Project Advisor with your Final Report Paperwork: One digital copy of the AMD Treatment System Form for Datashed, the Operational, Maintenance and Repair/Replacement (O, M & R) Plan that includes the “as-built” drawings and site schematics in PDF, and any water quality information in EXCEL format.