



AMD Treatment System Form for Datashed AML/AMD Remediation Projects

Project Name: LR0-D1 AMLIS #: _____

Latitude: 40-08-12 (sec N) Longitude: 78-10-56 W (sec) Determined by GPS? Y ☒ N ☐

Watershed Name: Longs Run Receiving Stream: _____

USGS Quadrangle: _____ County: Bedford

Township/City: Broad Top Township

Contact Person/Organization:

Name:	Address:
Stacy Woomer	P.O. Box 57
Telephone Number + Area Code:	124 Hitchens Road
(814) 928-5253	Defiance, Pa 16633
Email Address:	
broadtop@comcast.net	

Organization responsible for operation/maintenance of project if different than above:

Name:	Address:
Broad Top Township	P.O. Box 57
Telephone Number + Area Code:	124 Hitchens Road
(814) 928-5253	Defiance, Pa 16633
Email Address:	
broadtop@comcast.net	

Source of AMD:

Underground	<input checked="" type="checkbox"/>	Surface	<input type="checkbox"/>	Refuse	<input type="checkbox"/>	Oil-Gas well	<input type="checkbox"/>
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Treatment System Information:

Year Constructed: <u>2012</u>	Total Capital Cost: <u>\$ 267,266</u>
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Was this a Rehabilitation Project?	Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>	Date of Original System:		Costs Of Rehabilitation:	\$
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Describe Rehabilitation Activities: _____

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	
PADEP Other	
PADCNR	
AMD Set Aside Funds	
EPA Section 319	\$267,266
OSM Watershed Cooperative Assistance Program	
NRCS	
EPA Watershed Protection	
USCOE	
University	
Bond Forfeiture	
Reclamation in Lieu of Penalty	
Consent Order	
Foundation for PA Watersheds	
Private/Foundation	
In-kind Contributions	
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	
Typical methods		<input type="checkbox"/>	<input type="checkbox"/>	
Aerobic Wetland	1	<input type="checkbox"/>	<input type="checkbox"/>	Yes
Anaerobic Wetland		<input type="checkbox"/>	<input type="checkbox"/>	
ALD		<input type="checkbox"/>	<input type="checkbox"/>	
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)	1	<input type="checkbox"/>	<input type="checkbox"/>	
Low pH Fe Oxidation Channel		<input type="checkbox"/>	<input type="checkbox"/>	
Limestone Pond (Specify UP, DF or HF under comments)	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DF
SAP (Specify UP, DF or HF under comments)		<input type="checkbox"/>	<input type="checkbox"/>	
Bio-Reactor (Specify UP, DF or HF under comments)		<input type="checkbox"/>	<input type="checkbox"/>	
VFP (Specify UP, DF or HF under comments)		<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 type="checkbox"/>	Yes

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>	

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Project Designer:			
Skelly & Loy			
Organization:			Telephone Number + Area Code:
Water Information:			
	Inflow	Outflow	Load Reductions (lbs/day)
Flow (gpm)	85	85	
pH	3.0	7.7	
Total Iron (mg/L)	5.2	0.66	
Ferrous Iron (mg/L)			
Hot Acidity (mg/L)			
Alkalinity (mg/L)	0	85	
Total Aluminum (mg/L)	7.6	<0.25	
Total Manganese (mg/L)			
Date of Collection	2013	2013	

If more detailed water quantity and quality data is available, please provide the following:	
Contact:	
Telephone:	
Email:	