



AMD Treatment System Form for Dashed AML/AMD Remediation Projects

 Project Name: SA0-D8 AMLIS #: _____

 Latitude: 40-07-28 (sec N) Longitude: 78-13-26 W (sec) Determined by GPS? Y N

 Watershed Name: Sandy 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"/>
Treatment System Information:							
Year Constructed:	2015		Total Capital Cost:	\$ 278,135			
Was this a Rehabilitation Project?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Date of Original System:		Costs Of Rehabilitation: \$		
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	\$278,135
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"/>	
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)		<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)	2	<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	2	<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)	variable	variable	
pH	3.0	6.1	
Total Iron (mg/L)	22		
Ferrous Iron (mg/L)			
Hot Acidity (mg/L)			
Alkalinity (mg/L)	0		
Total Aluminum (mg/L)	22		
Total Manganese (mg/L)	2.62		
Date of Collection	Pre-Construction	2018	

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