



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

Project Name: Glenn 17 AMLIS #: \_\_\_\_\_

Latitude: 41 12 00 Longitude: 79 12 27 Determined by GPS? Y  N

Watershed Name: Mill Creek Receiving Stream: Little Mill Creek

USGS Quadrangle: Corsica County: Jefferson

Township/City: Highland

Contact Person/Organization:							
<b>Name:</b>				<b>Address:</b>			
Peter Dalby				221 Ponds view Ln, Marble, PA 16224-1337			
<b>Telephone Number + Area Code:</b>							
814 782 3227							
<b>Email Address:</b>							
Barbara_Dalby@yahoo.com							
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:							
Year Constructed:	September, 2011			Total Capital Cost:	\$		
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	
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)	NRCS PL 566 Economic Stimulus

**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		<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	2	<input type="checkbox"/>	<input type="checkbox"/>	Upflow limestone Column (ULC), each located in concrete tanks
Oxic Limestone Drain (OLD)		<input type="checkbox"/>	<input type="checkbox"/>	
Oxic Limestone Channel (OLC)	1	<input type="checkbox"/>	<input type="checkbox"/>	low metals at site
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		<input type="checkbox"/>	<input type="checkbox"/>	

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:			
EADS group/Dietz Gourley Consulting			
Organization:		Telephone Number + Area Code:	
Water Information:			
	Inflow	Outflow	Load Reductions (lbs/day)
Flow (gpm)	25-35	25-35	
pH	3.8		
Total Iron (mg/L)	less than .5		
Ferrous Iron (mg/L)			
Hot Acidity (mg/L)	28		
Alkalinity (mg/L)	0		
Total Aluminum (mg/L)	2.1		
Total Manganese (mg/L)	2.1		
Date of Collection	4/2006		

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

<b>If receiving stream or macroinvertebrate information is available please provide the following:</b>		
<b>Contact:</b>		
<b>Telephone:</b>		
<b>Email:</b>		
<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>		
<b>Date</b>	<b>Name</b>	<b>Telephone Number + Area Code</b>
<b>Comment:</b>		
_____		
_____		
_____		
_____		

<b>Any links specific to this watershed that should be included?</b>	
<b>Web Address</b>	

Send to your DEP Project Advisor with your Final Report Paperwork: One digital copy of 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.

After DEP Project Advisor has approved your Final Report Paperwork, send to the Bureau of Conservation and Restoration: One digital copy of the Datashed form in Word, the Operational, Maintenance and Repair/Replacement (O, M & R) Plan that includes the “as-builts” drawings and site schematics in PDF, and any water quality information in EXCEL format to the address under Final Report Guidelines.