



AMD Treatment System Form for Dashed AML/AMD Remediation Projects

Project Name: Weaver Run D10 Treatment System AMLIS #: _____

Latitude: 40-12-43.9596 Longitude: 78-49-21.9468 Determined by GPS? Y ☒ N ☐

Watershed Name: Paint Creek Receiving Stream: Weaver Run

USGS Quadrangle: Windber County: Somerset

Township/City: Paint Twp.

Contact Person/Organization:							
Name:				Address:			
Melissa Reckner / Paint Creek Regional Watershed Assoc.				514 Shady Lane ~ Windber, PA 15963			
Telephone Number + Area Code:							
814-444-2669							
Email Address:							
mreckner@kcstreamteam.org							
Organization responsible for operation/maintenance of project if different than above:							
Name:				Address:			
Telephone Number + Area Code:							
Email Address:							
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:		2014		Total Capital Cost:		\$ 199,900	
Was this a Rehabilitation Project?		Y <input type="checkbox"/>	N <input checked="" type="checkbox"/>	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	\$199,900			
PADEP Other				
PADCNR				
AMD Set Aside Funds				
EPA Section 319				
OSM Watershed Cooperative Assistance Program				
NRCS	\$12,000			
EPA Watershed Protection				
USCOE				
University				
Bond Forfeiture				
Reclamation in Lieu of Penalty				
Consent Order				
Foundation for PA Watersheds				
Private/Foundation				
In-kind Contributions	\$13,133			
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		<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 (<i>Specify UP, DF or HF under comments</i>)	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	HF
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:			
Eric Robertson			
Organization:			Telephone Number + Area Code:
PACD			814-445-8979
Water Information:			
	Inflow	Outflow	Load Reductions (lbs/day)
Flow (gpm)	163.3	167.82	
pH	3.45	6.82	
Total Iron (mg/L)	0.32	0.30	
Ferrous Iron (mg/L)	0.07	0.05	
Hot Acidity (mg/L)	63.51	-28.40	
Alkalinity (mg/L)	0	36.63	
Total Aluminum (mg/L)	5.40	1.34	
Total Manganese (mg/L)	2.76	1.12	
Date of Collection	2012-2014	2012-2014	

If more detailed water quantity and quality data is available, please provide the following:	
Contact:	Melissa Reckner
Telephone:	814-444-2669
Email:	mreckner@kcstreamteam.org

If receiving stream or macroinvertebrate information is available please provide the following:		
Contact:	Melissa Reckner	
Telephone:	814-444-2669	
Email:	mreckner@kcstreamteam.org	
Comments: <i>(specific to O&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
8/13/14	Melissa Reckner	814-444-2669
Comment: On 8-13-14, system D10 was partially flushed.		

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

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.