pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CONSERVATION AND RESTORATION

AMD Treatment System Form for Datashed

AML/AMD Remediation Projects

Project Name: AMD 11(0632)101.1, Mineral Point, Saltlick Run AMLIS #: 0632-02

Latitude: N40*24'15.1" Longitude: W78*49'26.5" Determined by GPS? Y ☒ N ☐

Watershed Name: Conemaugh River Receiving Stream: Little Saltlick Run/ Saltlick Run

USGS Quadrangle: Nanty Glo County: Cambria

Township/City: Jackson Township

Contact Person/Organization:	
Name:	**Address:**
Dennis E. Steele/ DEP, BAMR	286 Industrial Park Road, Ebensburg, PA 15931
Telephone Number + Area Code:	
(814)472-1816	
Email Address:	
desteele@pa.gov	
Organization responsible for operation/maintenance of project if different than above:	
Name:	**Address:**
Telephone Number + Area Code:	
Email Address:	

Source of AMD:							
Underground	☒	**Surface**	☐	**Refuse**	☐	**Oil-Gas well**	☐

Treatment System Information:							
Year Constructed:	2009			**Total Capital Cost:**		**$** 715,417.87	
Was this a Rehabilitation Project?	**Y** ☐	**N** ☒	**Date of Original System:**		**Costs Of Rehabilitation:**	**$**	

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	$300,000.00
PADEP Growing Greener	$415,417.87
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)	

Treatment Technology: Select all that apply at the site.

Treatment System	# of Treatment Cells	Contain Siphon Automatic Flushing Y	Contain Siphon Automatic Flushing N	Comments
Typical methods		☐	☐	
Aerobic Wetland	1	☐	☒	0.32 Acres
Anaerobic Wetland		☐	☐	
ALD		☐	☐	
Limestone Sand Dosing		☐	☐	
Diversion Well/Mechanical Limestone Addition		☐	☐	
Oxic Limestone Drain (OLD)		☐	☐	
Oxic Limestone Channel (OLC)		☐	☐	
Low pH Fe Oxidation Channel		☐	☐	
Limestone Pond *(Specify UP, DF or HF under comments)*		☐	☐	
SAP *(Specify UP, DF or HF under comments)*		☐	☐	
Bio-Reactor *(Specify UP, DF or HF under comments)*		☐	☐	
VFP *(Specify UP, DF or HF under comments)*		☐	☐	
Manganese Removal Bed		☐	☐	
Pyrolusite Bed		☐	☐	
Settling/oxidation Pond	2	☐	☒	0.34 Acres each = 0.68 Acres

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 *(Include type under comments)*	
Chemical Addition Treatment Plant *(Include Chemical used under comments)*	
Lime Doser *(Include Chemical used under comments)*	
Mechanical Aeration *(Include type under comments)*	SS Chemstream aeration trough
Others *(discuss in comments)*	

UF = Upflow DF = Downflow (like in a traditional SAP) HF = Horizontal Flow

Project Designer:	
Mark Sossong	
Organization:	**Telephone Number + Area Code:**
DEP/BAMR Cambria Office	(814)472-1800

Water Information:

	Inflow	Outflow	Load Reductions (lbs/day)
Flow (gpm)	~200	~200	
pH	6.75	7.5	
Total Iron (mg/L)	48(40-50)	3.6	97.2
Ferrous Iron (mg/L)	38		
Hot Acidity (mg/L)	-150	-130	
Alkalinity (mg/L)	173	140	346
Total Aluminum (mg/L)	<0.2	<0.2	0.4
Total Manganese (mg/L)	0.80	0.53	1.5
Date of Collection	2009-2010	2013	

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

If receiving stream or macroinvertebrate information is available please provide the following:	
Contact:	
Telephone:	
Email:	

Comments: *(specific to O&M; performance; impact on receiving stream. Include date of inspection and name and telephone number of person making comment)*

Date	Name	Telephone Number + Area Code

Comment: _____

_____

_____

_____

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 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.