

GIS Data Collection Form
AML/AMD Remediation Projects

State: KY:___ MD:___ OH:___ PA: X TN:___ VA:___ WV:___

Last date record was updated: NEW PROJECT

Submitted By: RON HORANSKY
Telephone No. 724-925-5538
Date: 7-12-2010

Project Name: KEYSTONE LAKE WETLAND

Latitude: 40 46 11 Longitude: 79 14 36 Determined by GPS? Y N

Watershed Name: CROOKED CREEK Receiving Stream: NORTH BRANCH PLUM CREEK

USGS Quadrangle: PLUMVILLE County: ARMSTRONG

Contact Person/Organization:

Name: PAM MEADE / CROOKED CREEK WATERSHED
Telephone: 724-783-6692 ASSOC.
E-Mail: _____
Address: P.O. BOX 446
FORD CITY, PA 16226

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

Name: _____
Telephone: _____
E-Mail: _____
Address: _____

Source of AMD:

Underground X Surface ___ Refuse ___ Oil-Gas well ___

Year Constructed: 1989 Total Initial Cost: UNKNOWN

If this project includes land reclamation as more than 50% of the total cost, what is the estimated cost of the land reclamation? NA

Rehabilitation: ☒ Y ☐ N **PROPOSED**
 Date **1999-2000** **GROWING GREENER GRANT**
 Costs **\$48,300**

Describe Rehabilitation Activities:

**CLEAN OUT IRON SLUDGE AND RENESIRN
 THE TREATMENT SYSTEM.**

Primary Funding Partners, and funding provided:

Source	Amount
Title IV, Appalachian Clean Streams	
PADEP Growing Greener	
10% AMD Set Aside Funds	
EPA Section 319	
OSM Watershed Cooperative Assistance Program	
NRCS	UNKNOWN
EPA Watershed Protection	
USCOE	
University	
Private/Foundation	

Treatment Technology: Select all that apply at the site:

Treatment system	# of treatment cells	Contain Siphon (Y or N) Automatic Flushing
Aerobic Wetland *	1	N
Anerobic Wetland		
ALD		
In-Situ Treatment		
Chemical addition treatment plant		
Chemical Doser		
Limestone Sand Dosing		
Steel Slag		
Mechanical Aeration		
Diversion Well/mechanical limestone add.		
UF Limestone Bed		
DF Limestone Bed		

*** CONSISTING OF A SERIES OF
 LONG CHANNELS AND BERMS.**

HF Limestone Bed		
Manganese Removal Bed		
Oxic Limestone Channel (OLD)		
UF SAP		
DF SAP		
HF SAP		
UF Bio-Reactor		
DF Bio-Reactor		
HF Bio-Reactor		
Well Plugging		
Settling/oxidation Pond		
Land Reclamation to cover toxic material or prevent water infiltration.		
Others (discuss in comments)		

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

Comments: _____

Project Designer: _____

Organization

Telephone Number

NRCS

Water Information:

	Inflow	Outflow
Flow (gpm) 600-3,200	1,000 AVERAGE	
pH		
Total Iron mg/L	30-40	
Ferrous Iron		
Hot Acidity		
Alkalinity		
Aluminum		
Manganese		
Date of Collection		
ID Number		

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

Contact:

Telephone:

e-mail:

PAM MEADE
724-783-6692

If receiving stream or macro-invertebrate information is available please provide the following:

Contact: _____

Telephone: _____

e-mail: _____

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

AROUND 2007 THE IRON
OXIDE SLUDGE WAS REMOVED
FROM THE TREATMENT
SYSTEM BY HEDIN ENVIRONMENTAL.

Any links specific to this watershed that should be included?

Web Address: _____