

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: 7-9-2010

"UPPER LATROBE AMD
TREATMENT PROJECT"

Project Name: LATROBE FOUNDATION PROPERTY PROJECT

Latitude: 40°18'16.7" Longitude: 77°22'59.3" Determined by GPS? N

Watershed Name: LOYALHANNA CREEK Receiving Stream: LOYALHANNA CREEK

USGS Quadrangle: LATROBE County: WESTMORELAND

Contact Person/Organization:

Name: SUSAN HUBA / LOYALHANNA WATERSHED ASSOC.
Telephone: 724-238-7560
E-Mail: SUSAN@LOYALWATER.COM
Address: 110 ANDI LANE
LIGONIER, PA
15658

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

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

Source of AMD:

Underground Surface ___ Refuse ___ Oil-Gas well ___

Year Constructed: 2010 Total Initial Cost: \$ 500,000.00

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

Rehabilitation: Y N

Date _____

Costs _____

Describe Rehabilitation Activities:

Primary Funding Partners, and funding provided:

Source	Amount
Title IV, Appalachian Clean Streams	
PADEP Growing Greener II 2007	\$ 500,000.00
10% AMD Set Aside Funds	
EPA Section 319	
OSM Watershed Cooperative Assistance Program	
NRCS	
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		

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	3	N
Land Reclamation to cover toxic material or prevent water infiltration.		
Others (discuss in comments)	1	N

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

Comments: 1 SLUDGE (IRON OXIDE) DRYING POND

Project Designer:
 Organization
 Telephone Number

BOB HEDIN
HEDIN ENVIRONMENTAL
412-571-2204

Water Information:

	Inflow	Outflow
Flow (gpm)	* 500-600	
pH	6.4	
Total Iron	41.3	
Ferrous Iron	-	
Hot Acidity	8.4	
Alkalinity	146.4	
Aluminum	<0.5	
Manganese	3.0	
Date of Collection	7-24-07	
ID Number	4133011	

* DESIGN FLOW

AS OF 6-30-2010
 THE POND WERE
 JUST STARTING
 TO FILL.

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

Contact: SUSAN HUBA
Telephone: 724-238-7560
e-mail: SUSAN@LOYALWATER.COM

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)

Any links specific to this watershed that should be included?

Web Address: _____