Chapter 4

PROBLEM AREA DESCRIPTION FORMS (PAD) - OSM 76

U.S. Department of the Interior

Office of Surface Mining Reclamation and Enforcement

ABANDONED MINE LAND PROBLEM AREA DESCRIPTION

OMB NO. 1029-0087 Expires: 3/31/2007

A. Reason for Entering Information into the AML Inventory

NEW PROBLEM AREA (PA)/REVISED BOUND	ARY
1New PA; then enter	3. PA Number
2. State/Tribe	4. PA Name

NEW OR RE	VISED	PROGRAM INFORMATION			1
Check the	progr	am area for which data is provided.			
(SGA)		Pre-SMCRA Coal (P1,P2,P3) State/Tribe Program	(CSA)	_	Coal Insolvent Surety Site Funding
(SGB)	=	Pre-SMCRA Coal (P3 Only) State/Tribe Program	(AMA)		Acid Mine Drainage Plan
(SGC)	_	Pre-SMCRA Coal (P4) State/Tribe Program	(PVA)		Other (P1,P2,P3)
(SGD)		Pre-SMCRA Coal (P5) State/Tribe Program	(NCA)		Non-Coal (P1,P2,P3)
(SGE)		Pre-SMCRA Coal (ResearchOld P4) State/Tribe Program	(NCF)	<u> </u>	Non-Coal Sec. 411(f)
(SEA)	<u> </u>	State Emergency Program	(CLA)	<u> </u>	Appalachian Clean Streams
(RUA)		RAMP	(CLA)		Initiative
(FRA)		FRP Non emergency	(WCA)		Watershed Cooperative
(RMA)		Remining	/=NILIN		Agreement Program
(CIA)		Coal Interim Site	(ENH)		Enhanced AML Rule Projects
(CIA)		Funding	(SSA)		10% set aside

B. GENERAL INFORMATION

-							
6. Planning	Unit (PU) Number:	13. Congressional District:					
7. PU Nam	e:	14. Primary Quad:					
9. Prepared 10. Telephor 11. County:	epared: d by: ne Number <u>:</u> de:	15. Coordinates: Latitude:0					
C.	SURFACE OWNER						
17.		ate percentage (%) of ownership, to used on acreage of affected area. Substitute the series of the					
(O-PV) _	% Private	(O-BLM) % Bur. of Land					
(O-ST)	% State/Local Governm	Mgmt. ent % U.S. Forest					
(O-IN)	% Tribal Lands	Service					
(O-NA) <u> </u>	% National Park Service	e (O-OF) — % Other Federal					
D. 18.	NON-COAL: TYPE OF MINE Select (x) type(s) of previous r keyword(s) and complete cost Question 20 for P2, or Question	mineral/ore mining. Identify t/unit information (Question 19 for P1,					
Bentonite Cinnabar Clay Copper Feldspar Fluorite	Gold Graphite Iron Lead Limestone Marble	Phosphate Sulphur Platinum Tungsten Sand & Uranium Gravel Vermiculite Shale Zinc Silver Other					

E. COST/UNIT INFORMATION

KEY TO KEYWORDS--PRIORITY 1 AND PRIORITY 2

	KEYWORD	WO	RK UNITS
Code	Description	English	Metric
CS	Clogged Streams	Miles	Kilometers
CSL	Clogged Stream Lands	Acres	Hectares
DH	Dangerous Highwalls	Feet	Meters
DI	Dangerous Impoundments	Count	Count
DPE	Dangerous Piles and Embankments	Acres	Hectares
DS	Dangerous Slides	Acres	Hectares
GHE	Gases: Hazardous/Explosive	Count	Count
UMF	Underground Mine Fires	Acres	Hectares
HEF	Hazardous Equip & Facilities	Count	Count
HWB	Hazardous Water Bodies	Count	Count
IRW	Industrial/Residential Waste	Acres	Hectares
Р	Portals	Count	Count
PWAI	Polluted Water: Agricultural & Industrial	Count	Count
PWHC	Polluted Water: Human Consumption	Count	Count
S	Subsidence	Acres	Hectares
SB	Surface Burning	Acres	Hectares
VO	Vertical Openings	Count	Count

Use of Multiple Funding Resources for AML Reclamation-- Multiple resources are sometimes used to reclaim AML problems. If more than one resource is used, you must answer question 19 and/or 20 for each resource. The PAD will identify the primary funding source and all other resources should be listed separately on the same PAD (will require duplicate copies of questions 19 and/or 20).

Other resources can include, but are not limited to:

- Other federal agencies such as the Bureau of Land Management, National Park Service, or U.S. Forest Service;
- Other State, Tribal, or local government organization's non-OSM funding:
- Fishing or recreation organizations;
- Watershed/environmental organizations;
- In-kind services provided by private companies or various organizations;
- Other OSM funding sources, e.g., Appalachian Cleans Stream Initiative (CLA) projects may be partially funded with Acid Mine Drainage Plan (AMA) funds. These should be shown as separate funding sources.
- Net proceeds from the sale of coal mined Aincidental@ to the AML project, e.g., if projects carried out under the February 12, 1999, AEnhancing AML Reclamation@ rule generate money from the sale of coal mined incidental to the AML project, the net proceeds are applied to the project funding and are shown as a separate funding source.

Use your best judgment to allocate costs by problem type to each resource. Often these will be very rough estimates until the reclamation is completed.

E. COST/UNIT INFORMATION (Continued)

PRIORITY 1 PROBLEMS

- 19. Check box to indicate if this entry is **initial data** or an updated/revised **change** or an updated/revised **total**.
- € INITIAL DATA March 31, 2001.) € UPDATED/REVISED CHANGE € UPDATED/REVISED TOTAL (Cannot be used for reclamation completed after

19a. Are non-Fund resources being used?

NO__ If YES, see Chapter 2 Part E for instructions.

YES___ The information in this table must be entered into AMLIS for each non-AML Fund source.

Distribute the cost among the identified work problems by units and cost. Round units to one decimal place. Round dollar values to nearest whole dollar. Also, circle the appropriate type of measure--metric or English--used for each keyword unit. If English measure is used, AMLIS will convert it to metric.

							COMP	COMPLETED PORTION (See note below)			
	UNFUNDED PORTION			F	ORTION						
Problem	No. Of Units English Metric		Estimated Cost	No. Of Units English Metric		Funded Cost	No. Of Units English Metric		Completed Cost	Completion Date (MM/YY)	
CS	Mi	Km		Mi	Km		Mi	Km			
CSL	Ac	На		Ac	На		Ac	На			
DH	Ft	m		Ft	m		Ft	m			
DI	Ct	Ct		Ct	Ct		Ct	Ct			
DPE	Ac	На		Ac	На		Ac	На			
DS	Ac	На		Ac	На		Ac	На			
GHE	Ct	Ct		Ct	Ct		Ct	Ct			
UMF	Ac	На		Ac	На		Ac	На			

HWB	Ct	Ct	Ct	Ct	Ct	Ct	
IRW	Ac	На	Ac	На	Ac	На	
Р	Ct	Ct	Ct	Ct	Ct	Ct	
PWAI	Ct	Ct	Ct	Ct	Ct	Ct	
PWHC	Ct	Ct	Ct	Ct	Ct	Ct	
S	Ac	На	Ac	На	Ac	На	
SB	Ac	На	Ac	На	Ac	На	_
VO	Ct	Ct	Ct	Ct	Ct	Ct	_

PRIORITY 2 PROBLEMS

- 20. Check box to indicate if this entry is **initial data** or an updated/revised **change** or an updated/revised **total**.
- € INITIAL DATA March 31, 2001.) € UPDATED/REVISED CHANGE € UPDATED/REVISED TOTAL (Cannot be used for reclamation completed after

20a. Are non-Fund resources being used?

NO____ If YES, see Chapter 2 Part E for instructions.

YES___ The information in this table must be entered into AMLIS for each non-AML Fund source. Distribute the cost among the identified work problems by units and cost. Round units to one decimal place. Round dollar values to nearest whole dollar. Also, circle the appropriate type of measure--metric or English--used for each keyword unit. If English measure is used, AMLIS will convert it to metric.

							CO	MPLETED	PORTION (See Not	e below)
		UNFUNDE	D PORTION	FUNDED PORTION						
Problem		Of Units h Metric	Estimated Cost	No. Of Units English Metric		Funded Cost	No. Of Units English Metric		Completed Cost	Completion Date (MM/YY)
CS	Mi	Km		Mi	Km		Mi	Km		
CSL	Ac	На		Ac	На		Ac	На		
DH	Ft	m		Ft	m		Ft	m		
DI	Ct	Ct		Ct	Ct		Ct	Ct		
DPE	Ac	На		Ac	На		Ac	На		
DS	Ac	На		Ac	На		Ac	На		
GHE	Ct	Ct		Ct	Ct		Ct	Ct		
UMF	Ac	На		Ac	На		Ac	На		
HEF	Ct	Ct		Ct	Ct		Ct	Ct		

HWB	Ct	Ct	Ct	Ct	Ct	Ct	
IRW	Ac	На	Ac	На	Ac	На	
Р	Ct	Ct	Ct	Ct	Ct	Ct	
PWAI	Ct	Ct	Ct	Ct	Ct	Ct	
PWHC	Ct	Ct	Ct	Ct	Ct	Ct	
S	Ac	На	Ac	На	Ac	На	
SB	Ac	На	Ac	На	Ac	На	
VO	Ct	Ct	Ct	Ct	Ct	Ct	

E. COST/UNIT INFORMATION (Continued)

KEY TO KEYWORDS-- PRIORITY 3

KEYWORD					
Code	Description		English	Metric	
SA	Spoil Area		Acre	Hectare	
BE	Bench		Acre	Hectare	
PI	Pits		Acre	Hectare	
GO	Gobs		Acre	Hectare	
SL	Slurry		Acre	Hectare	

HR	Haul Road	Acre	Hectare
MO	Mine Opening	Count	Count
SP	Slump	Acre	Hectare
H	Highwall	Feet	Meter
EF	Equipment/Facility	Count	Count
DP	Industrial/Residential Waste	Acre	Hectare
WA	Water Problems	Gallons	Liter
0	Other		

Use of Multiple Resources for AML Reclamation. Multiple resources are sometimes used to reclaim AML problems. If more than one resource is used, you must answer question 21 for each source. The PAD will identify the primary funding source and all other resources should be listed separately on the same PAD.

Other resources can include, but are not limited to:

- \$ Other federal agencies such as the Bureau of Land Management, National Park Service, or U.S. Forest Service;
- \$ Other State, Tribal, or local government organization's non-OSM funding;
- \$ Fishing or recreation organizations;
- \$ Watershed/environmental organizations;
- \$ In-kind services provided by private companies or various organizations;
- \$ Other OSM funding sources;
- \$ Net proceeds from the sale of coal mined Aincidental@ to the AML project, e.g., if projects carried out under the February 12, 1999, **COST/UNIT INFORMATION** (continued)

AEnhancing AML Reclamation@ rule generate money from the sale of coal mined incidental to the AML project, the net proceeds are applied to the project funding and are shown as a separate funding source.

Use your best judgment to allocate costs by problem type to each resource. Often these will be very rough estimates until the reclamation is completed.

PRIORITY 3 PROBLEMS

- 21. Check box to indicate if this entry is **initial data**, an updated/revised **change**, or an updated/revised **total**.
- - 21a. Are non-Fund resources being used.
 - NO__ If YES, see Chapter 2 Part E for instructions.
- YES_ The information in this table must be entered into AMLIS for each non-AML Fund source. Distribute the cost among the identified work problems by units and cost. Round units to one decimal place. Round dollar values to nearest whole dollar. Also, circle the appropriate type of measure--metric or English--used for each keyword unit. If English measure is used, AMLIS will convert it to metric.

UNFUNDED PORTION FUNDED PORTION COMPLETED PORTION (See note below)

Prob.	No. of Ur	nits	Estimated	No. of Ur	nits	Funded	No. of Ur	nits	Completed	Completion
Type	English	Metric	Cost	English	Metric	Cost	English	Metric	Cost	Date (MM/YY)
SA	Ac	На		Ac	На		Ac	На		
BE	Ac	На		Ac	На		Ac	На		
PI	Ac	На		Ac	На		Ac	На		
GO	Ac	На		Ac	На		Ac	На		
SL	Ac	На		Ac	На		Ac	На		
HR	Ac	На		Ac	На		Ac	На		
МО	Ct	Ct		Ct	Ct		Ct	Ct		
SP	Ac	На		Ac	На		Ac	На		
Н	Ft	m	·	Ft	m		Ft	m		
EF	Ct	Ct		Ct	Ct		Ct	Ct		
										<u> </u>

DP	Ac	На	Ac	На	Ac	На	
WA	Gal	Liter	Gal	Liter	Gal	Liter	
0				_			

KEY TO KEYWORDS-- PRIORITY 4, 5, and 411(f)

PRIORITY 4, 5 and 411(f) PROBLEMS

	PROBLEM TYPE	WORK UNITS	
Code	Description	English	Metric
P4 COAL	RCF Recreational Facilities	Count	Count
P4 COAL	CNF Conservation Facilities	Count	Count
P4 COAL	ROD Roads	Feet	Meters
P5 COAL	OSB Open Space Benefits	Acres	 Hectares
P5 COAL	RCT Recreation Purpose	Acres	Hectares
P5 COAL	HST Historic Purpose	Acres	Hectares
411(f)	UTL Public Utilities	Count	Count
411(f)	STR Public (Infra) Structure	Count	Count
411(f)	ROD Roads	Feet	Meters
411(f)	RCF Recreational Facilities	Count	Count
411(f)	CNF Conservation facilities	Count	Count
411(f)	O Other	Count	Count

E. COST/UNIT INFORMATION (continued)

PRIORITY 4, 5, AND 411(f) PROBLEMS

- 22. Check box to indicate if this entry is **initial data**, an updated/revised **change** or an updated/revised **total**.

22a. Are non-Fund resources being used.

NO__ If YES, see Chapter 2 Part E for instructions.

YES_ The information in this table must be entered into AMLIS for each non-AML Fund source. Distribute the cost among the identified work problems by units and cost. Rounds units to one decimal place. Round dollar values to nearest whole dollar. Also, circle the appropriate type of measure-metric or English--used for each keyword unit. If English measure is used, AMLIS will convert it to metric.

Priority	Prob. Type	No. of Units		Cost (See note below)	Completion Date
		English	Metric		(MM/YY)
P4 COAL	UTL	Ct	Ct		
P4 COAL	STR	Ct	Ct		
P4 COAL	ROD	Ft	m		
P4 COAL	RCF	Ct	Ct		
P4 COAL	CNF	Ct	Ct		
P5 COAL	RCT	Ac	На		
P5 COAL	HST	Ac	На		
P5 COAL	CNP	Ac	На		
P5 COAL	RCM	Ac	На		
P5 COAL	OSB	Ac	На		
411(f)	UTL	Ct	Ct		
411(f)	STR	Ct	Ct		

411(f)	ROD	Ft	m	
411(f)	RCF	Ct	Ct	
411(f)	CNF	Ct	Ct	
411(f)	0			

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