

Peabody Sage Creek Mining, LLC

Peabody Sage Creek Mine PO Box 250 36600 Routt County Road 27 Hayden, CO. 81639

October 16th, 2021

Tabetha Lynch Colorado Division of Reclamation, Mining and Safety 1313 Sherman St., Room 215 Denver, CO 80203

RE: 3rd Quarter and Annual Pond Inspections – Sage Creek Mine (C 2009-087)

Ms. Lynch:

Enclosed are the 3rd quarter 2021 and Annual pond inspection reports for the Peabody Sage Creek Mine. I personally inspected each pond and have provided a Professional Engineer's Statement on the following page of this letter to accompany the inspection reports. Please contact me if there are any questions or if you need any additional information.

Best Regards,

Miranda Kawcak Environmental Manager Peabody, Colorado Operations

Attachments:

Professional Engineer Certification (Miranda Lynn Kawcak, P.E.) Inspection Reports

CERTIFICATION

I, Miranda Lynn Kawcak, a registered engineer in the State of Colorado do hereby certify that I have reviewed the attached Sage Creek Mine Sediment Pond Reports covering the third quarter of 2021, and that they are true and correct to the best of my knowledge and belief.

	ON DIVINITIONS SOLIDA LYNN THE STATE OF THE		
Miranda Lynn Kawcak CO P.E. No. 59419	BOUNDAL ENGINEERS	Date	

	PERIODIC INSPECTION FORM: Water, Sediment, or Slurry Impoundments					
INS	PECTOR'S NAME: Miranda Kawcak	DATE: 9/23/2021				
NPI	NPDES I.D. NO.: CO-0048275 D.P. 002					
FAC	CILITY CONFIGURATION: Incised Pond	DATE LAST INSPECTION: 6/1	5/2021			
SITI	E NAME: Wadge Impoundment #002	LOCATION: NW¼ NE¼, Sec.	2, T5N, F	R87W		
MII	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Hay	yden, CO)		
MII	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka	wcak			
	CIRCLE OR WRITE IN APPROPRIATE RESI	PONSE:	YES	NO	N/A	
1	Foundation preparation (removal of vegetation, stumps, tops	soil:			х	
2	Lift thickness:				х	
3	Compaction according to approved plan:				х	
4	Burning (specify extent and location):				х	
5	Angle of slope:upstream,downstream		Tot	tal = N/A	١	
6	*Seepage (specify location, color, and approximate volume)					
	From underdrain pipes				х	
	At isolated points on embanckement slopes				х	
	At natural hillside:				х	
	Over widespread areas:				х	
	From downstream foundation area:				х	
	"Boils" beneath stream or ponded water:			х		
7	Cracks or scarps on crest:				х	
8	Cracks or scarps on slope:				х	
9	Sloughing or bulging on slope:				х	
10	*Major erosion problems:			х		
11	Surface movements in valley bottom or on hillside:			х		
12	*Erosion of toe:				х	
13	*Water impounded against toe:				х	
14	Existing embankment freeboard = 0 feet					
15	Increase Decrease in water level:	<u>Same</u>				
16	Cracks, bulging, or erosion on upstream face:				х	
17	Visible sumps or sinkholes in slurry surface:				х	
18	*Clogging					
	Spillway channels and pipes:			х		
	Decant system:				х	
	Diversion ditches:			х		
19	*Cracking or crushing of pipes				•	
	Spillway pipes:				х	
	Decant system:				х	
	Trash racks clear and in place:				х	
21	Discharge rate (gpm) = ~30					
ana des	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse condition cribed (extextent, location, volume, etc.) here: Flume needs seler flume	ons noted in these items shou	ıld norma	ally be	_	

	PERIODIC INSPECTION FORM: Water, Sediment, or Slurry Impoundments					
	PECTOR'S NAME: Miranda Kawcak	DATE: 9/23/2021				
NP	DES I.D. NO.: CO-0048275 D.P. 003					
FAC	ILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 6/1	15/2021			
SITE	E NAME: Wadge Impoundment #003	LOCATION: SE¼ SW¼, Sec. 2	27, T6N, I	R87W		
MIN	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	yden, CO	1		
MIN	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka	wcak			
	CIRCLE OR WRITE IN APPROPRIATE RESPONSE:			NO	N/A	
1	Foundation preparation (removal of vegetation, stumps, tops	soil:	х			
2	Lift thickness = 12 inches					
3	Compaction according to approved plan:		х			
4	Burning (specify extent and location):			x		
5	Angle of slope: 2:1 upstream, 3:1 downstream		То	tal = 5:1		
6	*Seepage (specify location, color, and approximate volume)					
	From underdrain pipes				х	
	At isolated points on embanckement slopes			х		
	At natural hillside:			х		
	Over widespread areas:			х		
	From downstream foundation area:			х		
	"Boils" beneath stream or ponded water:			х		
7 Cracks or scarps on crest:			х			
8	Cracks or scarps on slope:			х		
9	Sloughing or bulging on slope:			x		
10	*Major erosion problems:			x		
11	Surface movements in valley bottom or on hillside:			х		
12	*Erosion of toe:			x		
13	*Water impounded against toe:			x		
14	Existing embankment freeboard (4.9' is normal) = 5.4'					
15	Increase Decrease in water level: <u>Same</u>					
	Cracks, bulging, or erosion on upstream face:			х		
17	Visible sumps or sinkholes in slurry surface:				х	
18	*Clogging					
	Spillway channels and pipes:			x		
	Decant system:				х	
	Diversion ditches:			х		
19	*Cracking or crushing of pipes					
	Spillway pipes:				х	
	Decant system:				х	
20	Trash racks clear and in place:		х			
21	Discharge rate (gpm) = 0 gpm					
ana des	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse condition cribed (extextent, location, volume, etc.) here: Rodent burrow	ons noted in these items shou os need to occasionally be fil	uld normo I led in - o	ally be	ger	
ma	intenance. Weir needs replaced, still operable by hand but w	т интисету пева геріасва .				

PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impound	nents		
SPECTOR'S NAME:	DATE:			
DES I.D. NO.: CO-0048275 D.P. 003				
CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION:			
E NAME: South Section 12 Pond #004	LOCATION: SW¼ SE¼, Sec. 1	.2, T5N, F	R87W	
NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	yden, CO		
NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka	wcak		
CIRCLE OR WRITE IN APPROPRIATE RESI	PONSE:	YES	NO	N/A
Foundation preparation (removal of vegetation, stumps, tops	soil:			
Lift thickness = 12 inches				
Compaction according to approved plan:				
Burning (specify extent and location):				
Angle of slope: 5:1 upstream, 2:1 downstream		To	tal = 7:1	
*Seepage (specify location, color, and approximate volume)				
From underdrain pipes				
At isolated points on embanckement slopes				
At natural hillside:				
Over widespread areas:				
From downstream foundation area:				
"Boils" beneath stream or ponded water:	a.			
Cracks or scarps on crest:				
Cracks or scarps on slope:	3500 a (1) (2)			
Sloughing or bulging on slope:	Som Hillian			
*Major erosion problems:	at O			
Surface movements in valley bottom or on the decision of the surface movements in valley bottom or on the surface movement with the sur	A STATE OF THE STA			
*Erosion of toe:	¥.			
*Water impounded agains				
Existing embankment freeboard (4.8) = 4.8'		•		
Increase Decrease it level:				
Cracks, bulging, or erosicol Stream face:				
Visible sumps or signal slurry surface:				
*Clogging		-		
Spillway channels and pipes:				
Decant system:				
Diversion ditches:				
*Cracking or crushing of pipes				
Spillway pipes:				
Decant system:				
Trash racks clear and in place:				
Discharge rate (gpm) =				
lajor adverse changes in these items could cause instability and	d should be reported to the E	ngineerin	g Mana	ger
	ons noted in these items shou	ıld norma	ally be	
scribed (extextent, location, volume, etc.) here: None				
	PECTOR'S NAME: DES I.D. NO.: CO-0048275 D.P. 003 CILITY CONFIGURATION: Diked Pond E NAME: South Section 12 Pond #004 NE NAME: Peabody Sage Creek Mine NE I.D. NO.: CMLRD Permit No. C-2009-087 CIRCLE OR WRITE IN APPROPRIATE RESI Foundation preparation (removal of vegetation, stumps, tops Lift thickness = 12 inches Compaction according to approved plan: Burning (specify extent and location): Angle of slope: 5:1 upstream, 2:1 downstream *Seepage (specify location, color, and approximate volume) From underdrain pipes At isolated points on embanckement slopes At natural hillside: Over widespread areas: From downstream foundation area: "Boils" beneath stream or ponded water: Cracks or scarps on crest: Cracks or scarps on slope: *Major erosion problems: Sloughing or bulging on slope: *Major erosion problems: Surface movements in valley bottom or on *Erosion of toe: *Water impounded agains Existing embankment freebard (4.8: Increase Decrease Decrease Decrease Spillway channels and pipes: Decant system: Diversion ditches: *Cracking or crushing of pipes Spillway pipes: Decant system: Diversion ditches: *Cracking or crushing of pipes Spillway pipes: Decant system: Trash racks clear and in place: Discharge rate (gpm) = ajor adverse changes in these items could cause instability and the superintendent for further evaluation. Adverse condition	DATE: DES I.D. NO.: CO-0048275 D.P. 003 CILITY CONFIGURATION: Diked Pond EN AME: South Section 12 Pond #004 NE NAME: Peabody Sage Creek Mine NE I.D. NO.: CMLRD Permit No. C-2009-087 OWNER'S REP.: Miranda Ka CIRCLE OR WRITE IN APPROPRIATE RESPONSE: Foundation preparation (removal of vegetation, stumps, topsoil: Lift thickness = 12 inches Compaction according to approved plan: Burning (specify extent and location): Angle of slope: 5:1upstream, 2:1downstream *Seepage (specify location, color, and approximate volume) From underdrain pipes At isolated points on embanckement slopes At natural hillside: Over widespread areas: From downstream foundation area: "Boils" beneath stream or ponded water: Cracks or scarps on crest: Cracks or scarps on crest: Cracks or scarps on slope: *Major erosion problems: Surface movements in valley bottom or on the companies of the compan	DES I.D. NO.: CO-0048275 D.P. 003 CILITY CONFIGURATION: Diked Pond E NAME: South Section 12 Pond #004 LOCATION: SW% SE%, Sec. 12, T5N, F NENAME: Peabody Sage Creek Mine LOCATION: SW% SE%, Sec. 12, T5N, F LOCATION: SW SE%, Sec. 12, T5N, F LOCATION: SWS SEX. Sec. 12, T5N, F L	DATE: DESILD. NO.: CO-0048275 D.P. 003 CILITY CONFIGURATION: Diked Pond E NAME: South Section 12 Pond #004 E NAME: South Section 12 Pond #004 NE NAME: Peabody Sage Creek Mine LOCATION: SW% SE%, Sec. 12, TSN, R87W NE NAME: Peabody Sage Creek Mine LOCATION: 7.1 mi. SE of Hayden, CO NE LD. NO.: CMLRD Permit No. C-2009-087 OWNER'S REP.: Miranda Kawcak CIRCLE OR WRITE IN APPROPRIATE RESPONSE: YES NO Foundation preparation (removal of vegetation, stumps, topsoil: Lift thickness = 12 inches Compaction according to approved plan: Burning (specify extent and location): Angle of slope: 5:1 _upstream, _ 2:1 _downstream *Seepage (specify location, color, and approximate volume) From underdrain pipes At isolated points on embanckement slopes At natural hillside: Over widespread areas: From downstream foundation area: "Boils" beneath stream or ponded water: Cracks or scarps on rest: Cracks or scarps on rest: Cracks or scarps on slope: Sloughing or bulging on slope: *Major erosion problems: Surface movements in valley bottom or on the: *Erosion of toe: *Water impounded agains Existing embankment freeboard (4.8,

INIS	PERIODIC INSPECTION FORM: Water, Se PECTOR'S NAME: Miranda Kawcak	ediment, or Slurry Impoundn DATE: 9/23/2021	nents		
	DES I.D. NO.: N/A	DATE: 3/23/2021			
	CILITY CONFIGURATION: Incised Pond	DATE LAST INSPECTION: 6/1	7/2021		
	E NAME: Spill Control Pond #2	LOCATION: NW% NE%, Sec.		R87W	
	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha			
	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Kay			
	CIRCLE OR WRITE IN APPROPRIATE RESI		YES	NO	N/A
1				110	INA
	Lift thickness = N/A			<u> </u>	!
	Compaction according to approved plan:				х
	Burning (specify extent and location):				x
	Angle of slope:upstream,downstream			N/A	
6	*Seepage (specify location, color, and approximate volume)			,	
	From underdrain pipes				х
	At isolated points on embanckement slopes			х	
	At natural hillside:			х	
	Over widespread areas:			х	
	From downstream foundation area:			х	
	"Boils" beneath stream or ponded water:			х	
7	Cracks or scarps on crest:			х	
	Cracks or scarps on slope:			х	
9	Sloughing or bulging on slope:			х	
10	*Major erosion problems:			х	
11	Surface movements in valley bottom or on hillside:			х	
12	*Erosion of toe:			х	
13	*Water impounded against toe:			х	
14	Existing embankment freeboard (7.0' is normal) = 7.0'				•
15	IncreaseDecrease in water level:				
16	Cracks, bulging, or erosion on upstream face:			х	
17	Visible sumps or sinkholes in slurry surface:				х
18	*Clogging				
	Spillway channels and pipes:			x	
	Decant system:				х
	Diversion ditches:				х
19	*Cracking or crushing of pipes				
	Spillway pipes:				х
	Decant system:				х
20	Trash racks clear and in place:				х
21	Discharge rate (gpm) = 0				
ana	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse condition or further evaluation. Adverse conditions is a least to be supported by the condition of the conditio	·	_	_	ger

	PERIODIC INSPECTION FORM: Water, Sediment, or Slurry Impoundments						
	PECTOR'S NAME: Miranda Kawcak	DATE: 9/23/2021					
NP	NPDES I.D. NO.: N/A						
FAC	ILITY CONFIGURATION: Final Pit Impoundment	DATE LAST INSPECTION: 6/1	.7/2021				
SITE	E NAME: Pecoco Reservoir	LOCATION: SW¼ NW¼, Sec.	2, T5N, F	R87W			
MIN	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Hay	/den, CO				
MIN	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka	wcak				
	CIRCLE OR WRITE IN APPROPRIATE RES	PONSE:	YES	NO	N/A		
1	Foundation preparation (removal of vegetation, stumps, tops	soil:	х				
2	Lift thickness = None - Pit Impoundment	-			-		
3	Compaction according to approved plan:		х		х		
4	Burning (specify extent and location):			х			
5	Angle of slope: <u>5:1</u> upstream, <u>2:1</u> downstream		To	tal = 7:1			
6	*Seepage (specify location, color, and approximate volume)	-					
	From underdrain pipes				х		
	At isolated points on embanckement slopes			х			
	At natural hillside:			х			
	Over widespread areas:			х			
	From downstream foundation area:			х			
	"Boils" beneath stream or ponded water:			х			
7	Cracks or scarps on crest:			х			
8	Cracks or scarps on slope:			x			
9	Sloughing or bulging on slope:			x			
10	*Major erosion problems:			х			
11	Surface movements in valley bottom or on hillside:			х			
12	*Erosion of toe:			х			
	*Water impounded against toe:			х			
14	Existing embankment freeboard (6.1' is normal) = 6.1'						
15	Increase Decrease in water level: No Change						
	Cracks, bulging, or erosion on upstream face:			х			
17	Visible sumps or sinkholes in slurry surface:				х		
18	*Clogging				•		
	Spillway channels and pipes:			х			
	Decant system:				х		
	Diversion ditches:				х		
19	*Cracking or crushing of pipes						
	Spillway pipes:			X			
	Decant system:				х		
	Trash racks clear and in place:				х		
	Discharge rate (gpm) = ~40 GPM						
ana	ajor adverse changes in these items could cause instability and land land land land land land land				ger		

INIC	PERIODIC INSPECTION FORM: Water, Sediment, or Slurry Impoundments					
	PECTOR'S NAME: Miranda Kawcak DES I.D. NO.: N/A	DATE: 9/23/2021				
	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTIONS 6/2	7/2021			
	E NAME: Lower Sump	DATE LAST INSPECTION: 6/1 LOCATION: SE¼, Sec. 34, T6		,		
	NE NAME: Peabody Sage Creek Mine	LOCATION: 5E%, 5ec. 34, 16				
	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka				
IVIII	CIRCLE OR WRITE IN APPROPRIATE RESI			NO	I 81 / 8	
_			YES	NO	N/A	
	Foundation preparation (removal of vegetation, stumps, tops	OII:	Х			
	Lift thickness =			Ī		
	Compaction according to approved plan:		х			
	Burning (specify extent and location):			X N/A		
	Angle of slope:upstream,downstream			N/A		
6	*Seepage (specify location, color, and approximate volume)			l		
	From underdrain pipes				Х	
	At isolated points on embanckement slopes At natural hillside:			Х		
				Х		
	Over widespread areas:			Х		
	From downstream foundation area:			Х		
_	"Boils" beneath stream or ponded water:			Х		
	Cracks or scarps on crest:			X		
	Cracks or scarps on slope:			X		
	Sloughing or bulging on slope:			Х		
	*Major erosion problems: Surface movements in valley bottom or on hillside:			Х		
	*Erosion of toe:			X		
				X		
	*Water impounded against toe: Existing embankment freeboard =			Х		
15	IncreaseDecrease in water level: NO Change					
	Cracks, bulging, or erosion on upstream face:					
	Visible sumps or sinkholes in slurry surface:			Х	.	
18					Х	
10	Spillway channels and pipes:		1	х		
	Decant system:			^		
	Diversion ditches:			х	Х	
19	*Cracking or crushing of pipes			^		
	Spillway pipes:				х	
	Decant system:				X	
20	Trash racks clear and in place:		х		<u> </u>	
	Discharge rate (gpm) = ~30 gpm					
	ajor adverse changes in these items could cause instability and	d should he renorted to the F	naineerii	na Mana	ner	
ana	I Mine Superintendent for further evaluation. Adverse condition or the condition of the con		_	_	gei	

	PERIODIC INSPECTION FORM: Water, Sediment, or Slurry Impoundments					
INS	PECTOR'S NAME: Miranda Kawcak	DATE: 9/23/2021				
NP	DES I.D. NO.: N/A					
FAC	CILITY CONFIGURATION: Incised Pond	DATE LAST INSPECTION: 6/0)17/202:	1		
SIT	E NAME: Truck Wash Settling Pond	LOCATION: NW¼ NE¼, Sec.	34, T6N	, R87W		
MII	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	yden, Co)		
MII	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka	wcak			
	CIRCLE OR WRITE IN APPROPRIATE RES	PONSE:	YES	NO	N/A	
1	Foundation preparation (removal of vegetation, stumps, top:	soil:	х			
2	Lift thickness = N/A					
3	Compaction according to approved plan:				х	
4	Burning (specify extent and location):				х	
	Angle of slope:upstream,downstream			N/A		
6	*Seepage (specify location, color, and approximate volume)			-		
	From underdrain pipes				х	
	At isolated points on embanckement slopes				х	
	At natural hillside:				х	
	Over widespread areas:				х	
	From downstream foundation area:				х	
	"Boils" beneath stream or ponded water:			х		
7	Cracks or scarps on crest:				х	
	Cracks or scarps on slope:				х	
9	Sloughing or bulging on slope:				х	
10	*Major erosion problems:			х		
	Surface movements in valley bottom or on hillside:				х	
12	*Erosion of toe:				х	
13	*Water impounded against toe:				х	
14	Existing embankment freeboard (5.0' is normal) = Dry					
15	Increase Decrease in water level: No Change					
16	Cracks, bulging, or erosion on upstream face:				х	
17	Visible sumps or sinkholes in slurry surface:				х	
18	*Clogging			•		
	Spillway channels and pipes:			х		
	Decant system:				х	
	Diversion ditches:				х	
19	*Cracking or crushing of pipes					
	Spillway pipes:		1	х		
	Decant system:				х	
20	Trash racks clear and in place:		х			
21	Discharge rate (gpm) = 0					
*M	ajor adverse changes in these items could cause instability and	d should be reported to the E	ngineeri	ng Mana	ger	
	d Mine Superintendent for further evaluation. Adverse conditions and the condition of the c	ons noted in these items shou	ıld norm	ally be		

INIC	PERIODIC INSPECTION FORM: Water, Se PECTOR'S NAME: Miranda Kawcak	ediment, or Slurry Impoundr DATE: 9/23/2021	nents		
	DES I.D. NO.: N/A	DATE: 9/23/2021			
	ILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 6/1	7/2021		
	NAME: Upper Sump	LOCATION: NW¼, Sec. 3, T5		1/7\\/	
	IE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha			
	IE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka	-		
IVIII				NO	NI/A
1	CIRCLE OR WRITE IN APPROPRIATE RESI		YES	NO	N/A
	Foundation preparation (removal of vegetation, stumps, tops Lift thickness =	ioli.	Х		
		1		I	1
	Compaction according to approved plan:		Х		
	Burning (specify extent and location):			X	
	Angle of slope:upstream,downstream			N/A	
6	*Seepage (specify location, color, and approximate volume)				
	From underdrain pipes				Х
	At isolated points on embanckement slopes			Х	
	At natural hillside:			х	
	Over widespread areas:			х	
	From downstream foundation area:		Х		
	"Boils" beneath stream or ponded water:			х	
	Cracks or scarps on crest:			х	
	Cracks or scarps on slope:			х	
	Sloughing or bulging on slope:			х	
	*Major erosion problems:			х	
	Surface movements in valley bottom or on hillside:			х	
12	*Erosion of toe:			х	
	*Water impounded against toe:			х	
14	Existing embankment freeboard =				
15	IncreaseDecrease in water level: No Change				
	Cracks, bulging, or erosion on upstream face:			х	
17	Visible sumps or sinkholes in slurry surface:				х
18	*Clogging				
	Spillway channels and pipes:			х	
	Decant system:				х
	Diversion ditches:				х
19	*Cracking or crushing of pipes				
	Spillway pipes:			х	
	Decant system:				х
20	Trash racks clear and in place:		х		
21	Discharge rate (gpm) = ~40 GPM				
and	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse condition cribed (extextent, location, volume, etc.) here: None	· · · · · · · · · · · · · · · · · · ·	_	_	iger

1016	PERIODIC INSPECTION FORM: Water, Se		nents		
	PECTOR'S NAME: Miranda Kawcak	DATE: 9/23/2021			
	DES I.D. NO.: N/A		- /		
	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 6/1		_	
	E NAME: Portal Sump #1 (upper north)	LOCATION: NW¼, Sec. 3, T5			
	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	_)	
MIN	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka			
	CIRCLE OR WRITE IN APPROPRIATE RESI		YES	NO	N/A
	Foundation preparation (removal of vegetation, stumps, tops	soil:	х		
	Lift thickness = 12"			ı	T
3	Compaction according to approved plan:		х		
	Burning (specify extent and location):			X	
5	Angle of slope:upstream,downstream			N/A	
6	*Seepage (specify location, color, and approximate volume)				
	From underdrain pipes				х
	At isolated points on embanckement slopes				х
	At natural hillside:				х
	Over widespread areas:				х
	From downstream foundation area:				х
	"Boils" beneath stream or ponded water:			х	
7	Cracks or scarps on crest:				х
8	Cracks or scarps on slope:				х
9	Sloughing or bulging on slope:				х
10	*Major erosion problems:			х	
11	Surface movements in valley bottom or on hillside:			х	
12	*Erosion of toe:				х
13	*Water impounded against toe:				х
14	Existing embankment freeboard = No Change				
15	IncreaseDecrease in water level:				
16	Cracks, bulging, or erosion on upstream face:				х
17	Visible sumps or sinkholes in slurry surface:				х
18	*Clogging				•
	Spillway channels and pipes:			х	
	Decant system:				х
	Diversion ditches:				х
19	*Cracking or crushing of pipes				•
	Spillway pipes:			х	
	Decant system:				х
20	Trash racks clear and in place:				х
21	Discharge rate (gpm) = ~5GPM				
ana	ajor adverse changes in these items could cause instability and I Mine Superintendent for further evaluation. Adverse condition Cribed (extextent, location, volume, etc.) here: None	<u> </u>	_	_	iger

	PERIODIC INSPECTION FORM: Water, Sediment, or Slurry Impoundments						
	PECTOR'S NAME: Miranda Kawcak	DATE: 9/23/2021					
NPI	DES I.D. NO.: N/A						
FAC	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 6/1	.7/2021				
SITI	NAME: Portal Sump #2 (Lower South)	LOCATION: NW¼, Sec. 3, T5	N, R87W	/			
MI	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	yden, CC)			
MI	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka	wcak				
	CIRCLE OR WRITE IN APPROPRIATE RES	PONSE:	YES	NO	N/A		
1	Foundation preparation (removal of vegetation, stumps, tops	soil:	х				
2	Lift thickness = 12"						
3	Compaction according to approved plan:		x				
4	Burning (specify extent and location):			х			
5	Angle of slope:upstream,downstream			N/A			
6	*Seepage (specify location, color, and approximate volume)	•					
	From underdrain pipes				х		
	At isolated points on embanckement slopes				х		
	At natural hillside:				х		
	Over widespread areas:				х		
	From downstream foundation area:				х		
	"Boils" beneath stream or ponded water:			Х			
7	Cracks or scarps on crest:				х		
8	Cracks or scarps on slope:				х		
9	Sloughing or bulging on slope:				х		
10	*Major erosion problems:			х			
11	Surface movements in valley bottom or on hillside:			Х			
12	*Erosion of toe:				х		
13	*Water impounded against toe:				х		
14	Existing embankment freeboard = No Change						
15	Increase <u>X</u> Decrease in water level:						
	Cracks, bulging, or erosion on upstream face:				х		
17	Visible sumps or sinkholes in slurry surface:				х		
18	*Clogging						
	Spillway channels and pipes:			Х			
	Decant system:				х		
	Diversion ditches:				х		
19	*Cracking or crushing of pipes						
	Spillway pipes:			Х			
	Decant system:				х		
	Trash racks clear and in place:				х		
	Discharge rate (gpm) = 0						
ana	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse condition cribed (extextent, location, volume, etc.) here: Not Pumping	•	_	_	iger		