

Peabody Sage Creek Mining, LLC

April 9, 2021

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

RE: Peabody Sage Creek Mine, Permit C-2009-087, First Quarter 2021 IIR

Dear Tabetha:

In accordance with Rule 4.05.9(17), please find enclosed the Peabody Sage Creek Mine (PSCM) Impoundment Inspection Report (IIR) and Impoundment Inspection Log (IIL). Please contact me with any comments and/or questions.

Sincerely,

Miranda Kawcak Environmental Manager Peabody, Colorado Operations

Enclosure: PSCM IIR

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundn	nents					
INS	PECTOR'S NAME: Jason Herden	DATE: 03/22/21						
NPI	DES I.D. NO.: CO-0048275 D.P. 002							
FAC	FACILITY CONFIGURATION: Incised Pond DATE LAST INSPECTION: 10/22/20							
SITI	SITE NAME: Wadge Impoundment #002 LOCATION: NW¼ NE¼, Sec. 2, T5N, R87W							
MII	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Hay	yden, CO)				
MINE I.D. NO.: CMLRD Permit No. C-2009-087 OWNER'S REP.: Miranda Kawcak								
	CIRCLE OR WRITE IN APPROPRIATE RESI	PONSE:	YES	NO	N/A			
1	Foundation preparation (removal of vegetation, stumps, tops	oil:			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 = NA							
15	Increase Decrease in water level: N	IO 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:				х			
	Decant system:				х			
20	Trash racks clear and in place:				х			
21	Discharge rate (gpm) = 78.3							
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: Snow Covered	-	_		ger			

	PERIODIC INSPECTION FORM: Water, Se		nents		
	PECTOR'S NAME: Jason Herden	DATE: 03/23/21			
NPI	DES I.D. NO.: CO-0048275 D.P. 003				
FAC	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 10/	22/20		
	E NAME: Shop Pond #003	LOCATION: SE¼ SW¼, Sec. 2			
MII	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Hay	den, CO)	
MII	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka	wcak		
	CIRCLE OR WRITE IN APPROPRIATE RESP	PONSE:	YES	NO	N/A
1	Foundation preparation (removal of vegetation, stumps, tops	oil:	x		
2	Lift thickness = 12 inches				
3	Compaction according to approved plan:		x		
4	Burning (specify extent and location):			х	
5	Angle of slope: 2:1 upstream, 3:1 downstream		To	tal = 5:1	L
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 (4.9' is normal) = 4.9'				
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
12 ' 13 ' 14 E 15 _ 16 (17 \ 18 '	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) = 3.8				
*M	ajor adverse changes in these items could cause instability and	should be reported to the Er	gineerin	g Manag	ger
	Mina Superintendent for further avaluation. Adverse condition		1-1		

*Major adverse changes in these items could cause instability and should be reported to the Engineering Manager and Mine Superintendent for further evaluation. Adverse conditions noted in these items should normally be described (extextent, location, volume, etc.) here: 15 inch THEL-MAR Voulmetric weir broken but still operable by hand for flow measurement. Small animal burrows need to occasionally be filled in during ongoing maintenance.

INIC	PERIODIC INSPECTION FORM: Water, Se		nents		
	PECTOR'S NAME: Jason Herden	DATE: 03/22/21			
	DES I.D. NO.: CO-0048275 D.P. 004	DATE LACT INCRECTION: 40	/22/20		
	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 10		20714/	
	E NAME: South Section 12 Pond #004	LOCATION: SW% SE%, Sec. 1			
	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	-	1	
IVIII	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka			
	CIRCLE OR WRITE IN APPROPRIATE RESP		YES	NO	N/A
	Foundation preparation (removal of vegetation, stumps, tops	OII:	Х		
	Lift thickness = 12 inches				
	Compaction according to approved plan:		х		
	Burning (specify extent and location):			X	
	Angle of slope: <u>5:1</u> upstream, <u>2:1</u> downstream		10	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		
	Cracks or scarps on crest:			Х	
	Cracks or scarps on slope:		Х		
	9 Sloughing or bulging on slope:				
	*Major erosion problems:			Х	
	Surface movements in valley bottom or on hillside:			х	
	*Erosion of toe:			х	
	*Water impounded against toe:			X	
	Existing embankment freeboard (4.8' is normal) = 4.8'				
15	IncreaseDecrease in water level: Decrease			1	
	Cracks, bulging, or erosion on upstream face:			х	
	Visible sumps or sinkholes in slurry surface:				Х
18	*Clogging			1	
	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) = 43.6				
ana	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse condition or further evaluation. Adverse condition or further exc.) here: None		_		ger

INS	PECTOR'S NAME: Jason Herden PECTOR'S NAME: Jason Herden	ediment, or Slurry Impoundn DATE: 03/22/21	nents		
	DES I.D. NO.: N/A	DATE: 03/22/21			
	CILITY CONFIGURATION: Incised Pond	DATE LAST INSPECTION: 10/	2/20		
	E NAME: Spill Control Pond #2	LOCATION: NW¼ NE¼, Sec.		R87\\\/	
	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 RESP		YES	NO	N/A
1	Foundation preparation (removal of vegetation, stumps, tops		X	NO	IN/A
	Lift thickness = N/A		^		
	Compaction according to approved plan:				х
	Burning (specify extent and location):				
	Angle of slope:upstream,downstream			N/A	Х
6	*Seepage (specify location, color, and approximate volume)			11/7	
Ü	From underdrain pipes				
	At isolated points on embanckement slopes				Х
	At natural hillside:			X	
	Over widespread areas:			X	
	From downstream foundation area:			X	-
	"Boils" beneath stream or ponded water:			X	
	•			X	
	Cracks or scarps on crest:			X	
	Cracks or scarps on slope: Sloughing or bulging on slope:		X		
	*Major erosion problems:			X	
	Surface movements in valley bottom or on hillside:			X	
	*Erosion of toe:			X	
				X	
	*Water impounded against toe: Existing embankment freeboard (7.0' is normal when dry) = 7	0		Х	
15	, , , , , , , , , , , , , , , , , , , ,	.0			
				l .,	1
	Cracks, bulging, or erosion on upstream face: Visible sumps or sinkholes in slurry surface:			Х	
18					Х
10	00 0			l .,	1
	Spillway channels and pipes:			Х	
	Decant system: Diversion ditches:				X
10	*Cracking or crushing of pipes				Х
13	Spillway pipes:			I	Ι.,
	Decant system:				X
20	Trash racks clear and in place:				X
	Discharge rate (gpm) = 0				Х
		labarda barraranta de eba Fr			~ ~ "
and	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse condition or further evaluation of the condition of the cond		_	-	yei

	PERIODIC INSPECTION FORM: Water, Se	adiment or Slurry Impounds	nonts		
INS	PECTOR'S NAME: Jason Herden	DATE: 03/22/21	iieiit3		
NPI	DES I.D. NO.: N/A	<u> </u>			
FAC	CILITY CONFIGURATION: Final Pit Impoundment	DATE LAST INSPECTION: 10	/2/20		
	NAME: Pecoco Reservoir	LOCATION: SW¼ NW¼, 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 Ka	-		
	CIRCLE OR WRITE IN APPROPRIATE RES	PONSE:	YES	NO	N/A
1	Foundation preparation (removal of vegetation, stumps, tops	oil:	х		
2	Lift thickness = None - Pit Impoundment				
3	Compaction according to approved plan:		х		
4	Burning (specify extent and location):			х	
5	Angle of slope: 5:1 upstream, 2:1 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:		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 (6.1' is normal) = 6.1'				
15	IncreaseDecrease 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:			х	
	Decant system:				х
20	Trash racks clear and in place:				х
21	Discharge rate (gpm) = 121				
ana	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse condition or ibed (extextent, location, volume, etc.) here: None	· ·			ger

INIS	PECTOR'S NAME: Jason Herden PECTOR'S NAME: Jason Herden	ediment, or Slurry Impoundn DATE: 03/22/21	nents			
	DES I.D. NO.: N/A	DATE: 03/22/21				
	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 10/	/2/20			
	E NAME: Lower Sump	LOCATION: SE¼, Sec. 34, T6				
	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 Ka				
	CIRCLE OR WRITE IN APPROPRIATE RESP		YES	NO	N/A	
1	Foundation preparation (removal of vegetation, stumps, tops			INO	IN/A	
	Lift thickness =	ion.	Х			
	Compaction according to approved plan:		х			
	Burning (specify extent and location):			v		
	Angle of slope:upstream,downstream			N/A		
6	*Seepage (specify location, color, and approximate volume)			11/7		
Ü	From underdrain pipes					
	At isolated points on embanckement slopes			х	Х	
	At natural hillside:					
	Over widespread areas:			x		
	From downstream foundation area:			x		
	"Boils" beneath stream or ponded water:			X		
7	Cracks or scarps on crest:			X		
	Cracks or scarps on slope:			X		
	Sloughing or bulging on slope:			X		
	*Major erosion problems:			X		
	Surface movements in valley bottom or on hillside:			x		
	*Erosion of toe:			x		
	*Water impounded against toe:			X		
	Existing embankment freeboard =					
15	-					
	Cracks, bulging, or erosion on upstream face:			х		
	Visible sumps or sinkholes in slurry surface:				х	
18	i			<u> </u>		
	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) = 153					
ana	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse condition cribed (extextent, location, volume, etc.) here: None		_	-	ger	

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundn	nents		
INS		DATE: 03/22/21			
NPI	DES I.D. NO.: N/A	<u> </u>			
FAC	CILITY CONFIGURATION: Incised Pond	DATE LAST INSPECTION: 10/	/2/20		
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 RESP	PONSE:	YES	NO	N/A
1	Foundation preparation (removal of vegetation, stumps, tops	soil:	х		
2	Lift thickness = N/A				
3	Compaction according to approved plan:				Х
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					х
14	Existing embankment freeboard (5.0' is normal) DRY				
15					
	Cracks, bulging, or erosion on upstream face:				х
	Visible sumps or sinkholes in slurry surface:				х
18	*Clogging				
l	Spillway channels and pipes:			х	
l	Decant system:				х
	Diversion ditches:				х
19	*Cracking or crushing of pipes				
l	Spillway pipes:			х	
	Decant system:				х
20	Trash racks clear and in place:		X		
_	Discharge rate (gpm) = 0				
and	lajor adverse changes in these items could cause instability and discount of Mine Superintendent for further evaluation. Adverse condition of Mine Superintendent for further evaluation. Adverse conditions of Mine Scribed (extextent, location, volume, etc.) here: None		-		ier

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundn	nents		
INS		DATE: 03/22/21			
NPI	DES I.D. NO.: N/A				
FAC	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 10/	/2/20		
SITI	E NAME: Upper Sump	LOCATION: NW¼, Sec. 3, T5	N, R87W	V7W	
MIN	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	yden, CC)	
MIN	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Kav	wcak		
	CIRCLE OR WRITE IN APPROPRIATE RESP	ONSE:	YES	NO	N/A
1	Foundation preparation (removal of vegetation, stumps, tops	oil:	х		
2	Lift thickness =				
3	Compaction according to approved plan:		х		
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	
	Surface movements in valley bottom or on hillside:			х	
12	*Erosion of toe:			х	
13	*Water impounded against toe:			х	
14	Existing embankment freeboard =				
15					_
	Cracks, bulging, or erosion on upstream face:			х	
	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			<u>.</u>	
	Spillway pipes:			х	
	Decant system:				х
	Trash racks clear and in place:		x		
	Discharge rate (gpm) = 87				
	ajor adverse changes in these items could cause instability and		_		jer
	Mine Superintendent for further evaluation. Adverse condition	ns noted in these items shoul	ld norma	ally be	
aes	cribed (extextent, location, volume, etc.) here: None				

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundn	nents		
INS		DATE: 03/22/21			
NPI	DES I.D. NO.: N/A				
FAC	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 10)/2/20		
SITE	E NAME: Portal Sump #1 (Upper North)	LOCATION: NW¼, Sec. 3, T5	N, R87W	v	
MIN	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	yden, CC)	
MIN	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Kav	wcak		
	CIRCLE OR WRITE IN APPROPRIATE RESP	ONSE:	YES	NO	N/A
1	Foundation preparation (removal of vegetation, stumps, tops	oil:	Х		
2	Lift thickness = 12"				
3	Compaction according to approved plan:		Х		
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 = Water level at discharge				
15	IncreaseDecrease 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
20	Trash racks clear and in place:				х
21	Discharge rate (gpm) = 0				
	ajor adverse changes in these items could cause instability and		-		jer
	Mine Superintendent for further evaluation. Adverse condition	ons noted in these items should	ld norma	ally be	
des	cribed (extextent, location, volume, etc.) here: None				

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundr	nents				
INS	PECTOR'S NAME: Jason Herden	DATE: 03/22/21					
NPI	DES I.D. NO.: N/A						
FACILITY CONFIGURATION: Diked Pond DATE LAST INSPECTION: 10/2/20							
SITE NAME: Portal Sump #2 (Lower South) LOCATION: NW¼, Sec. 3, T5N, R87W							
MIN	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	wcak				
	CIRCLE OR WRITE IN APPROPRIATE RESE	ONSE:	YES	NO	N/A		
1	Foundation preparation (removal of vegetation, stumps, tops	oil:	х				
2	Lift thickness = 12"						
3	Compaction according to approved plan:		х				
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			
	•			х			
12	*Erosion of toe:				х		
13	*Water impounded against toe:		! !		х		
14	Existing embankment freeboard = Water level 1ft below dis	charge					
15							
					х		
_	· · · · · · · · · · · · · · · · · · ·				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:		<u> </u>	<u> </u>	х		
20	Trash racks clear and in place:				х		
NPDES I.D. NO.: N/A FACILITY CONFIGURATION: Diked Pond SITE NAME: Portal Sump #2 (Lower South) MINE NAME: Peabody Sage Creek Mine LOCATION: NW%, Sec. 3, T5N, R87W MINE I.D. NO.: CMIRD Permit No. C-2009-087 WINE I.D. NO.: CMIRD Permit No. C-2009-087 WINE I.D. NO.: CMIRD Permit No. C-2009-087 I Foundation preparation (removal of vegetation, stumps, topsoil: Lift thickness = 12" Lift thickness = 12" Compaction according to approved plan: Burning (specify extent and location): Alge of slope:upstream,downstream N/A **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: Sloughing or bulging on slope: Sloughing or bulging on slope: **Sufface movements in valley bottom or on hillside: Lift in the sign of toe: Lift							
		ns noted in these items shou	ld norma	ılly be			
des	cribed (extextent, location, volume, etc.) here: None						

IMPOUNDMENT INSPECTION LOG

JOB DATA

JOB NAME: PEC Hydrologic Support Services	CLIENT: Peabody	LOCATION: Routt County, CO
JOB(s): 2018-005 T1-SCC, 2018-006 T1-PSCM		

FLOW DA	ΓΑ							
SITEID	COMPANY	MINE	DATE	TIME	WATER LEVEL (FT)	OUTFLOW (GPM)	OBSERVATIONS	MAINTENANCE (Y/N)
002	Sage Creek	Sage Creek	3-22-91	07:50	0.46	78,3	SHOW Covered	N
003	Sage Creek	Sage Creek	3-55-51	07:30	0,11	3.8	snow covered	N
004	Sage Creek	Sage Creek	3-55-51	08:15	0.10	43.6	Show covered	\sim
Lower Sump	Sage Creek	Sage Creek	3-22-21	13:55	0.3	153	snow covered	N
PECOCO	Sage Creek	Sage Creek	3-55-51	15:45	0.3	121	GENERO SHOW GREY	N
Portal Sump 1	Sage Creek	Sage Creek	3-22-21	14:50)	_	Forcy	N
Portal Sump 2	Sage Creek	Sage Creek	3.22-2	15:10	_		Snow Covered	N
Spill Control 2	Sage Creek	Sage Creek	3-22-21	14:35	_	_	De Sien Sion Care H	N
Truck Wash	Sage Creek	Sage Creek	3-22-21	13:45	_	~	Din	N
Upper Sump	Sage Creek	Sage Creek	3-22.31	15:25	0.3	87	Snow C-veled	N
001	Seneca	Hayden Gulch	3-23-21	07:06	_		Snow Covered	N
002	Seneca	Hayden Gulch	3-23-21	07:30	~	_	Snow covered	N
005	Seneca	Seneca II West	3-25-51	10:30	-1,3		snowcovered	~
006	Seneca	Seneca II West	3-22-31	09:30	0.1	48.8	show covered	N
009	Seneca	Seneca II West	3-28-81	10:50	-3,5	_	Showcould	N
015	Seneca	Seneca II West	2-65-51	11:05	0.04	2,3	Snow (oveled	N
016	Seneca	Seneca II West	3-22-21	09:50	asolo.	54,3	Snow covered	N
017	Seneca	Seneca II West	3-22-21	10:10	0.44	3,9	snow Covered	N
T-1	Seneca	Seneca II West	3028-81	~		_	winter	J
T-18	Seneca	Seneca II West	3-22-21	~		_	winter	V
T-2	Seneca	Seneca II West	3-55-51	-			winter)
T-20	Seneca	Seneca II West	3-22-81	_			winter	1
T-22	Seneca	Seneca II West		_)		winter	~
T-24	Seneca	Seneca II West	3-22-21	J	~	<u> </u>	winter)
T-25	Seneca	Seneca II West		_		~	winter winter winter	~
T-26	Seneca	Seneca II West	3-55-51		<u> </u>	-	vinter	~



SITEID	COMPANY	MINE	DATE	TIME	WATER LEVEL (FT)	OUTFLOW (GPM)	OBSERVATIONS	MAİNTENANCE (Y/N)
T-27	Seneca	Seneca II West	3-23-21	~)	<u> </u>	winter	~
T-3	Seneca	Seneca II West	3-63-51	~		<u> </u>	winter	_
T-5	Seneca	Seneca II West	3-83-81	~)	_	winter	22
010	Seneca	Yoast	3-22-7	13:30	oil	7,4		N
011	Seneca	Yoast	3-23-31	28130	=2.7	~	Snow covered, piperusy winter, snow covered	A
011A	Seneca	Yoast	3-55-51				winter	_
012	Seneca	Yoast	3-55-51	12:00	0.1	54,6	Snow coreied	N
012A	Seneca	Yoast	3-82-21	11.30	-1,3	_	s now covered	N
013	Seneca	Yoast	3-52-51	13:00	-1.0	<u> </u>	snow covered	N
014	Seneca	Yoast	15-55-5		-1.9	_	snow covered	N
ST-1	Seneca	Yoast	3~23-2[winter	~

CLIMATIC CONDITIONS:

FIELD PERSONNEL: JH

NOTES

FIELD PERSONNEL SIGNATURE:

