



July 17, 2025

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

RE: Peabody Sage Creek Mine, Permit C-2009-087, Second Quarter 2025 IIR

CDRMS-

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.

Best regards,

Miranda Kawcak

Miranda Kawcak Environmental Manager Peabody, Colorado Operations

Enclosure: PSCM 2Q25 IIR

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundr	nents			
INS	PECTOR'S NAME: Jason Herden	DATE: 06/16/25				
NPI	DES I.D. NO.: CO-0048275 D.P. 002					
FAC	CILITY CONFIGURATION: Incised Pond	DATE LAST INSPECTION: 03/	25/25			
SITI	E NAME: Wadge Impoundment #002	LOCATION: NW¼ NE¼, Sec.	2, T5N, R	87W		
MII	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Hav	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	4	
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:						
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:			x		
	Surface movements in valley bottom or on hillside:			x		
12	*Erosion of toe:				х	
13	*Water impounded against toe:				х	
	Existing embankment freeboard: 0 FT					
15	X Increase Decrease in water level: 0.3 FT ABOVE S	PILLWAY				
	Cracks, bulging, or erosion on upstream face:				х	
17	Visible sumps or sinkholes in slurry surface:				X	
18	*Clogging					
	Spillway channels and pipes:			х		
	Decant system:				х	
	Diversion ditches:			x		
19	3 11				,	
	Spillway pipes:				Х	
	Decant system:				х	
	Trash racks clear and in place:				X	
	Discharge rate: 67.8 GPM					
and	ajor adverse changes in these items could cause instability and I Mine Superintendent for further evaluation. Adverse condition cribed (extextent, location, volume, etc.) here:	·	_	_	ger	

	PERIODIC INSPECTION FORM: Water, S	ediment, or Slurry Impounds	ments		
INS	PECTOR'S NAME: Jason Herden	DATE: 06/16/25			
NPI	DES I.D. NO.: CO-0048275 D.P. 003				
FAC	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 03,	/25/25		
SIT	E NAME: Shop Pond #003	LOCATION: SE¼ SW¼, Sec. 2	27, T6N,	R87W	
MII	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	yden, CC)	
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: 12 IN			•	•
3	Compaction according to approved plan:		х		
4	Burning (specify extent and location):			х	
5	Angle of slope: 2:1 upstream, 3:1 downstream		To	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:			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): 4.8 FT				
15	Increase Decrease in water level: 0.1 FT ABOVE	SPILLWAY			
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: 1.9 GPM				
and des	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse conditication (extextent, location, volume, etc.) here: IMAL BURROWS.		_	_	ger

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundr	nents		
	PECTOR'S NAME: Jason Herden	DATE: 06/17/25			
NPI	DES I.D. NO.: N/A				
FAC	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 03,	['] 26/25		
SITI	E NAME: Lower Sump	LOCATION: SE¼, Sec. 34, T6	N, R87W	1	
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	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	
	Sloughing or bulging on slope:			х	
	*Major erosion problems:			х	
	Surface movements in valley bottom or on hillside:			х	
	*Erosion of toe:			х	
	*Water impounded against toe:			х	
	Existing embankment freeboard: 0 FT				
15		SPILLWAY			
	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				
	Spillway pipes:				Х
	Decant system:				х
20	·		Х		
	Discharge rate: 82.1 GPM				
ana	ajor adverse changes in these items could cause instability and lance of the superintendent for further evaluation. Adverse condition or further evaluation adverse conditions (extextent, location, volume, etc.) here:				ger

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundr	nents		
INS	PECTOR'S NAME: Jason Herden	DATE: 06/17/25			
NP	DES I.D. NO.: N/A				
FAC	CILITY CONFIGURATION: Final Pit Impoundment	DATE LAST INSPECTION: 03/	/26/25		
SITE	. 2, T5N, F	R87W			
MIN	NE NAME: Peabody Sage Creek Mine	yden, CO)		
MIN	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: <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:			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): 6.0 FT				
15	Increase Decrease in water level: 0.1 FT ABOVE SP	ILLWAY			
	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:				х
	Discharge rate: 87.6 GPM				
ana	ajor adverse changes in these items could cause instability and Mine Superintendent for further evaluation. Adverse condition cribed (extextent, location, volume, etc.) here:		_	-	ger

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundr	nents		
INS	PECTOR'S NAME: Jason Herden	DATE: 06/17/25			
NPI	DES I.D. NO.: N/A				
FAC	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 03/	'26/25		
SITI	E NAME: Portal Sump #1 (Upper North)	LOCATION: NW¼, Sec. 3, T5	N, R87V	V	
MI	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	yden, CC)	
IIM	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 = 12 IN	•		-	-
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:				
15	Increase <u>X</u> Decrease in water level: DRY				
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: 0 GPM				
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:		_	_	iger ¯

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundr	nents		
INS	PECTOR'S NAME: Jason Herden	DATE: 06/17/25			
NPI	DES I.D. NO.: N/A				
FAC	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 03/	/26/25		
SIT	E NAME: Portal Sump #2 (Lower South)	LOCATION: NW¼, Sec. 3, T5	N, R87V	v	
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 RESI	PONSE:	YES	NO	N/A
1	Foundation preparation (removal of vegetation, stumps, tops	soil:	х		
2	Lift thickness: 12 IN			•	•
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:				
15	X Increase Decrease in water level: 0.1 FT ABOVE	SPILLWAY			
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: 0 GPM				
and des	ajor adverse changes in these items could cause instability and all mine Superintendent for further evaluation. Adverse condition cribed (extextent, location, volume, etc.) here: T PUMPING.	·	_	_	iger

INIC	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundr DATE: 06/17/25	nents		
	PECTOR'S NAME: Jason Herden	DATE: 06/17/25			
	DES I.D. NO.: N/A	DATE LACT INCDECTION, 02	/26/25		
	CILITY CONFIGURATION: Incised Pond	DATE LAST INSPECTION: 03/		D07\A/	
	E NAME: Spill Control Pond #2 NE NAME: Peabody Sage Creek Mine	LOCATION: NW% NE%, Sec. LOCATION: 7.1 mi. SE of Ha			
	NE I.D. NO.: CMLRD Permit No. C-2009-087	OWNER'S REP.: Miranda Ka	-		
IVIII				NO.	1.1/4
_	CIRCLE OR WRITE IN APPROPRIATE RESI		YES	NO	N/A
	Foundation preparation (removal of vegetation, stumps, tops	OII:	х		
	Lift thickness: N/A	<u> </u>			1
3	Compaction according to approved plan:				Х
	Burning (specify extent and location):			21/2	Х
	Angle of slope:upstream,downstream			N/A	
6	*Seepage (specify location, color, and approximate volume)	I			1
	From underdrain pipes				Х
	At isolated points on embanckement slopes			х	
	At natural hillside:			×	
	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:			X	
	Sloughing or bulging on slope:			Х	
	*Major erosion problems:			X	
	Surface movements in valley bottom or on hillside:			х	
	*Erosion of toe:			Х	
	*Water impounded against toe:			х	
	Existing embankment freeboard (7.0 is normal when dry): 7 F	T			
15	Increase Decrease in water level: DRY			1	г -
	Cracks, bulging, or erosion on upstream face:			Х	
	Visible sumps or sinkholes in slurry surface:				Х
18	*Clogging	I		Ī	1
	Spillway channels and pipes:			Х	
	Decant system:				X
10	Diversion ditches:				Х
19	*Cracking or crushing of pipes			I	
	Spillway pipes:				X
20	Decant system:				X
	Trash racks clear and in place:				Х
	Discharge rate: 0.0 GPM	d should be "	nain '	0 a 1 4 s: :-	~~
ana	ajor adverse changes in these items could cause instability and lance of the superintendent for further evaluation. Adverse condition or ibed (extextent, location, volume, etc.) here:				ger

	PERIODIC INSPECTION FORM: Water, Se	ediment, or Slurry Impoundn	nents		
INS	PECTOR'S NAME: Jason Herden	DATE: 06/17/25			
NPI	DES I.D. NO.: N/A				
FAC	CILITY CONFIGURATION: Incised Pond	DATE LAST INSPECTION: 03/	26/25		
SITI	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	0	
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, 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	*Water impounded against toe:				х
14	Existing embankment freeboard (5.0 is normal when dry): 5 F	Т			
15	Increase Decrease in water level: DRY				
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: 0 GPM				
and	ajor adverse changes in these items could cause instability and I Mine Superintendent for further evaluation. Adverse conditio cribed (extextent, location, volume, etc.) here:				iger

INIC	PERIODIC INSPECTION FORM: Water, Se		nents		
	PECTOR'S NAME: Jason Herden	DATE: 06/17/25			
	DES I.D. NO.: N/A	DATE LACT INCRESTION OR	105/05		
	CILITY CONFIGURATION: Diked Pond	DATE LAST INSPECTION: 03	-		
	E NAME: Upper Sump	LOCATION: NW%, Sec. 3, TS			
	NE NAME: Peabody Sage Creek Mine	LOCATION: 7.1 mi. SE of Ha	-	<u> </u>	
IVIII	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:			1	
3	Compaction according to approved plan:		х		
	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: 0 FT				
15	Increase Decrease in water level: 0.1 FT ABOVE S	PILLWAY			
	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: 88.7 GPM				
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:	-	-	_	iger

IMPOUNDMENT INSPECTION LOG

JOB DATA

JOB NAME: PEC Hydrologic Services	CLIENT: Peabody	JOB(s): 2023-086 (PSCM), 2023-087 (SCC)
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FLOW DATA

I A		-		,	"	
COMPANY	MINE	DATE	WATER LEVEL (FT)	OUTFLOW (GPM)	OBSERVATIONS	MAINTENANCE (Y/N)
Sage Creek	Sage Creek	6-16-25	0,3	67.8		N
Sage Creek	Sage Creek	6-16-35	0.1	1.9	some enimal burrows	N
Sage Creek	Sage Creek	6-17,25	0.1	27.1		N
Sage Creek	Sage Creek	6-17-25	0.	27.6		N
Sage Creek	Sage Creek	6-17-25	~	~	no flow	N
Sage Creek	Sage Creek	6-17-25	0.[_	not pumping	N
Sage Creek	Sage Creek	6-17-25	~	~	NO Flow	N
Sage Creek	Sage Creek	6-17.25	_	-	PIN	\sim
Sage Creek	Sage Creek	6-17-25	0.1	88.7		~
Seneca	Seneca II West	6-16-3	011	61,3	Sluft and side, no ismo	N
Seneca	Seneca II West	6-16-5	0.1	1.8		N
Seneca	Seneca II West	6-14-25	o.l	69.3		N
Seneca	Seneca II West	6-16-15	0.1	4.7		N
Seneca	Seneca II West	6-19-25	~	_	Dry	رير
Seneca	Seneca II West	Lo-19-85	-3.4	_	NO Flow	N
Seneca	Yoast	6-16-25	مان	1.6		N
Seneca	Yoast	6-17-25	-1.5	~	No Flow	N.
Seneca	Yoast	64.25	-1.7	~	no Flow	~
Seneca	Yoast	6-16-5	0.1	57.6		N
Seneca	Yoast	6-18-85	-1.4	~	no Flow	N
Seneca	Yoast	6-16-25	-1.0	_	No Flow	N
Seneca	Yoast	6-16.8	-1.5	~	NO Flow	N
	Sage Creek Saneca Seneca	Sage Creek	Sage Creek	Sage Creek	Sage Creek Sag	Sage Creek Sage Creek G-16-25 C-1 Sage Creek Sage Creek G-16-25 C-1 Sage Creek G-16-25 C-1 Sage Creek G-16-25 C-1 Sage Creek G-17-25 C-1 G-17-25 C-1 G-17-25 C-1 G-17-25 G-1 G-17-25 G-

FIELD PERSONNEL: 34	FIELD PERSONNEL SIGNATURE:	
NOTES	,	