DMR Copy of Record

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the <a href="https://www.npde.com/npace-need-to-public-although-npace-need-to-public-although-npace-need-to-public-although-npace-need-to-public-although-npace-npace-need-to-public-although-npace-

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Permit					
Permit #:	CO0048275	Permittee:	Peabody Sage Creek Mining LLC	Facility:	SAGE CREEK MINE COMPLEX
Major:	Yes	Permittee Address:	29515 RCR 27 Oak Creek, CO 80467	Facility Location:	36600 CR 27 HAYDEN, CO 81639
Permitted Feature:	002 External Outfall	Discharge:	002-A Discharge to Little Grassy Creek		
Report Dates & Status					
Monitoring Period:	From 07/01/24 to 07/31/24	DMR Due Date:	08/28/24	Status:	NetDMR Validated
Considerations for Form Completion	1				
TR iron limits waived for >10YR,24HR $\mu$	precip event subject to burden of proof in I.C.1. Oil and	grease - see C.1.a, pg 5.			
Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					
No Data Indicator (NODI)					
Form NODI:					

	Parameter	Monitoring	Season	Param.										Concentration		# of	Frequency of	Sample		
Code	Name	Location	#	NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier	Value 1	Qualifier 2	Value 2	Qualifie 3	Value 3	Units	Ex.	Analysis	Туре
					Sample	'		2			=	8.2	2		=	8.2	12 - SU		02/30 - Twice Per Month	GR - GRAB
00400	рН	1 - Effluent Gross	0		Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample								=	13.0	=	13.0	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	35.0 30DA AVG	<=	70.0 MX 7D AV	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Value NODI															
					Sample								=	250.0	=	250.0	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0		Permit Req.								<=	1000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
					Sample										=	1.26	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	7		Permit Req.									Req Mon 30DA AVG	<=	18.4 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Value NODI															
		4 577			Sample Permit										<=	10.0 INST MAX	19 -		77/77 - Contingent	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0		Req. Value											9 - Conditional Monitoring - Not Required This	mg/L			
					NODI											Period				
		. =			Sample		).1		0.1	03 - MGD									02/30 - Twice Per Month	IN - INSTAN
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	7		Permit Req.		1.38 30DA AVG		Req Mon DAILY MX	03 - MGD								0	02/30 - Twice Per Month	IN - INSTAN
					Value NODI															
					Sample				0.0	AB - abst=0;prst=1									02/30 - Twice Per Month	VI - VISUAL
		1 - Effluent			Permit				Req Mon INST	AB -									02/30 - Twice Per	

84066	Oil and grease visual	Gross	0		Req.			MAX	abst=0;prst=1						0	Month	VI - VISUAL
					Value NODI												
Submi	ssion Note																
If a par	ameter row does not contain any values	for the Sample	nor Effluer	nt Trading, t	then none	of the fol	lowing fields will be s	ubmitted for that	row: Units, Num	nber of Excursions, F	requency	of Analysis, and	l Sample	туре.			
Edit C	heck Errors																
No erro	ors.																
Comm	ents																
Attach	ments																
No attach	ments.																
Report	Last Saved By																
Peabo	dy Sage Creek Mining LLC																
User:			TNSUMM	1ERS													
Name:			Troy Su	ımmers													
E-Mail:			tsummers	s@wwcengi	neering.co	om											
Date/Ti	me:		2024-08-2	22 12:19 (	(Time Zon	e: -06:00	)										
Report	Last Signed By																
User:			MBLOMO	QUIST@PE	ABODYE	NERGY.C	ОМ										
Name:			Miranda	Kawcak													
E-Mail:			mblomqu	ist@peaboo	dyenergy.d	com											
Date/Ti	me:		2024-08-2	28 18:24 (	(Time Zon	e: -06:00	)										

DMR Copy of Record

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Permit																				
Permit #:		CO0048275			Permitte	e:		Pea	abody Sage Cr	eek Mining I	LLC			Facility:		SAGE CREEK MIN	NE COMF	PLEX		
Major:	`	Yes			Permitte	e Address:	:		515 RCR 27 k Creek, CO 80	)467				Facility Location:		36600 CR 27 HAYDEN, CO 8163	39			
Permitted Featu		003 External Outfall			Discharg	ge:		<b>003</b> Dis	3-A scharge to Gras	sy Creek										
Report Dates &	Status																			
Monitoring Perio	od:	From 07/01/24 to 07/3	31/24		DMR Du	e Date:		08/	28/24					Status:		NetDMR Validated	t			
Considerations	for Form Completion																			
TR iron limits wai	ived for >10YR,24HR pro	ecip event subject to b	urden of p	proof in I.C.1. Oil an	d grease - s	ee C.1.a, pg	g 5.													
Principal Execu	tive Officer																			
First Name:					Title:									Telephone:						
Last Name:														'						
No Data Indicate	or (NODI)				,															
Form NODI:	-																			
	Parameter	Monitoring	Season	Param.			Quantity or Lo	oading						Quality or Concentration				# of	Frequency of	Sample
Code	Name	Location	#	NODI	Qualifier	Value 1	Qualifier	Value 2	Units	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3		Units	Ex.	Analysis	Type

	Parameter	Monitoring	Season					Quantity o								Concentration		# of		Sample
Code	Name	Location	#	NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifie 3	Value 3	Units	Ex.	Analysis	Туре
					Sample						=	8.1			=	8.2	12 - SU		02/30 - Twice Per Month	GR - GRAB
00400	рН	1 - Effluent Gross	0		Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	02/30 - Twice Per Month	GR - GRAB
		0.000			Value NODI															
					Sample								=	22.5	=	24.0	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	35.0 30DA AVG	<=	70.0 MX 7D AV	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
		Gioss			Value NODI												mg/L		WOTH	
					Sample								=	209.0	=	225.0	28 - ug/l		02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0		Permit Req.								<=	1000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/l	L O	02/30 - Twice Per Month	GR - GRAB
		Gioss			Value NODI													-	WOTH	
					Sample								=	0.42	=	0.48	28 - ug/l		02/30 - Twice Per Month	GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent	0		Permit Reg.									Req Mon 30DA AVG	<=	18.4 DAILY MX	28 - ug/l		02/30 - Twice Per	GR - GRAB
		Gross			Value NODI									AVG					WOTH	
					Sample													+		
03582	Oil and grease	1 - Effluent	0		Permit Req.										<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
00002	On and grease	Gross	O		Value NODI											9 - Conditional Monitoring - Not Required This Period				
					Sample	= 0	.003	=	0.003	03 - MGD									02/30 - Twice Per Month	IN - INSTAN
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.	<= 0.	.1195 30DA VG		Req Mon DAILY MX	03 - MGD								0	02/30 - Twice Per Month	IN - INSTAN
					Value NODI															
					Sample			=	0.0	AB - abst=0;prst=1									02/30 - Twice Per Month	VI - VISUAL
		1 - Effluent			Permit				Req Mon INST	AB -									02/30 - Twice Per	

84066	Oil and grease visual	Gross	0	Req.		MAX	abst=0;prst=1						0	Month	VI - VISUAL
				Value NODI											
Submi	ssion Note														
If a par	ameter row does not contain any value	es for the Sample	nor Effluent Trading, t	hen none d	of the following fields will be su	bmitted for that	row: Units, Num	ber of Exc	cursions, Fr	equency of Analysis, and	Sample	е Туре.			
Edit C	neck Errors														
No erro	ors.														
Comm	ents														
Attach	ments														
No attach	ments.														
Report	Last Saved By														
Peabo	dy Sage Creek Mining LLC														
User:			TNSUMMERS												
Name:			Troy Summers												
E-Mail:			tsummers@wwcengii	neering.co	m										
Date/Ti	me:		2024-08-22 12:26 (	Time Zone	: -06:00)										
Report	Last Signed By														
User:			MBLOMQUIST@PEA	ABODYEN	ERGY.COM										
Name:			Miranda Kawcak												
E-Mail:			mblomquist@peabod	lyenergy.co	om										
Date/Ti	me:		2024-08-28 18:24 (	Time Zone	: -06:00)										

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Permit																					
Permit	#:	CO0048275				Permittee:			Peabody Sag	ge Creek Mining L	LC.				Facility:		SAGE CI	REEK MIN	NE CON	MPLEX	
Major:		Yes				Permittee /	Address:		29515 RCR 2 Oak Creek, C						Facility Location	on:	36600 CF HAYDEN		i39		
Permitt		005 External Ou	tfall			Discharge:			<b>005-A</b> Spoil Spring I	Discharge to Cow	/ Camp C	reek									
Report	Dates & Status																				
Monito	ring Period:	From 07/01	/24 to 07/31/24			DMR Due D	Date:		08/28/24						Status:		NetDMR	Validate	d		
Consid	erations for Form Completio	on																			
Princip	al Executive Officer																				
First Na	nme:					Title:									Telephone:						
Last Na	me:														Į.						
No Data	a Indicator (NODI)				•																
Form N	ODI:																				
	Parameter		Monitoring Location	Season #	# Param. NO	DI		Qı	antity or Loadi	ing				Qı	ality or Concentration	on			# of Ex.	Frequency of Analysis	Sample Type
Code	Name						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
						Sample Permit Rec						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	-	02/30 - Twice Per Month	GP - GPAR
00400	рН		1 - Effluent Gross	0		Value NOD						<i></i>	C - No Discharge				C - No Discharge	12 - 30	-	02/30 - Twice i ei Montii	OIX - OIXAD
							1						O - No Discharge				0 - No Discharge				
00000	Iron, total recoverable		1 - Effluent Gross	0		Sample Permit Rec	1.							<=	1000.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
00980	iron, total recoverable		i - Ellident Gloss	U		Value NOD	01								C - No Discharge						
						Sample															
01323	Selenium, potentially dissolve	d	1 - Effluent Gross	7		Permit Rec	1.								Req Mon 30DA AVG	<=	18.4 DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
	, , , ,					Value NOD	DI .								C - No Discharge		C - No Discharge				
						Sample															
50050	Flow, in conduit or thru treatn	nent plant	1 - Effluent Gross	7		Permit Rec	<b> .</b> <=	0.038 30DA AVG	F	Req Mon DAILY MX	03 - MGD									02/30 - Twice Per Month	GR - GRAB

C - No Discharge

9747.0 30DA AVG

C - No Discharge

19 - mg/L

02/30 - Twice Per Month GR - GRAB

## **Submission Note**

70295 Solids, total dissolved

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

C - No Discharge

**Value NODI** 

Sample Permit Req.

Value NODI

**Edit Check Errors** 

No errors.

Comments

SSSPG2

Attachments

No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User: TNSUMMERS
Name: Troy Summers

E-Mail: tsummers@wwcengineering.com

1 - Effluent Gross 7

Date/Time: 2024-08-22 12:27 (Time Zone: -06:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2024-08-28 18:24 (Time Zone: -06:00)

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Permit					
Permit #:	CO0048275	Permittee:	Peabody Sage Creek Mining LLC	Facility:	SAGE CREEK MINE COMPLEX
Major:	Yes	Permittee Address:	29515 RCR 27 Oak Creek, CO 80467	Facility Location:	36600 CR 27 HAYDEN, CO 81639
Permitted Feature:	006 External Outfall	Discharge:	006-A Spoil Spring Discharge to Cow Camp Creek		
Report Dates & Status					
Monitoring Period:	From 07/01/24 to 07/31/24	DMR Due Date:	08/28/24	Status:	NetDMR Validated
Considerations for Form Completi	on				
Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					
No Data Indicator (NODI)					
Form NODI:					

	Parameter	Monitoring Location	Season #	Param. NODI			Q	uantity or Lo	ading					Quality or Concentrati	on			# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
					Sample						=	7.3			=	7.3	12 - SU		02/30 - Twice Per Month	GR - GRAB
00400	pH	1 - Effluent Gross	0		Permit Req.						>=	6.5 MINIMUN	Л		<=	9.0 MAXIMUM	12 - SU	0	02/30 - Twice Per Month	GR - GRAB
					Value NODI															
					Sample								<	120.0			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0		Permit Req.								<=	1000.0 30DA AVG			28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Value NODI															
					Sample								=	3.19	=	3.25	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	7		Permit Req.									Req Mon 30DA AVG	<=	18.4 DAILY MX	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
0.000					Value NODI															
					Sample	= (	0.091	=	0.093	03 - MGD									02/30 - Twice Per Month	IN - INSTAN
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	7		Permit Req.	<= (	0.12 30DA AVG		Req Mon DAILY MX	03 - MGD								0	02/30 - Twice Per Month	IN - INSTAN
00000		. Lincoln Gross	·		Value NODI															
					Sample								=	3620.0			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
70295	Solids, total dissolved	1 - Effluent Gross	7		Permit Req.								<=	5000.0 30DA AVG			19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
. 3200	95 Solids, total dissolved 1				Value NODI															

## Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors** 

No errors.

Comments

SSSPG1

Attachments

No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User: TNSUMMERS
Name: Troy Summers

E-Mail: tsummers@wwcengineering.com

Date/Time: 2024-08-22 12:29 (Time Zone: -06:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2024-08-28 18:24 (Time Zone: -06:00)

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Form Approved OMB No. 2040-0004 expires on 07/31/2026

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Permi	t																			
Permit	t #:	CO0048275				Permit	tee:		Peab	ody Sage Cre	ek Mining	LLC			Fa	cility: SAGE CRE	K MINE	СОМІ	PLEX	
Major:		Yes				Permit	tee Address:			5 RCR 27 Creek, CO 804	167				Fa	cility Location: 36600 CR 2 HAYDEN, C				
Permit	tted Feature:	007 External Outfall				Discha	irge:		<b>007-</b> <i>A</i> Storm	<b>\</b> nwater Runoff	to Grassy	y Creek								
Repor	t Dates & Status																			
Monito	oring Period:	From 07/01/24 to 07/3	31/24			DMR D	ue Date:		08/28	3/24					St	atus: NetDMR Va	lidated			
Consi	derations for Form Completion	1																		
Princi	pal Executive Officer																			
First N	lame:					Title:									Те	lephone:				
Last N	lame:														•					
No Da	ta Indicator (NODI)					·														
Form I	NODI:																			
0.1	Parameter	Monitoring Location	Seasor #	n Param. NODI		0 110		Quantity or	·	11.5	0 ""		0 ""			r Concentration	11.74	# of Ex.	Frequency of Analysis	Sample Type
Code	Name	Location	"	NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifie 1	r Value 1	Qualifier 2	r Value 2	Qualific 3	er Value 3	Units	LA.		Турс
					Sample						=	8.4			=	8.4	12 - SU		02/30 - Twice Per Month	GR - GRA
00400	pН	1 - Effluent Gross	0		Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	0	02/30 - Twice Per Month	GR - GRA
		01000			Value NODI															
					Sample								=	6.0	=	6.0	19 - mg/L		02/30 - Twice Per Month	GR - GRA
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	35.0 30DA AVG	<=	70.0 MX 7D AV	19 - mg/L	0	02/30 - Twice Per Month	GR - GRA
		0.000			Value															
					NODI Sample								=	245.0	=	394.0	28 - ug/l		02/30 - Twice Per Month	GR - GRA
20000		1 - Effluent			Permit								<=	1000.0 30DA AVG		6000.0 DAILY MX	28 - ug/l		02/30 - Twice Per Month	GR - GRA
00980	Iron, total recoverable	Gross	0		Req. Value													0		
					NODI															
					Sample Permit											B. M. BAHAMA	20 #		01/PT - Once Per Permit	00.004
01303	Zinc, potentially dissolved	1 - Effluent Gross	0		Req.											Req Mon DAILY MX	28 - ug/l		Term	GR - GRA
		01000			Value NODI											9 - Conditional Monitoring - Not Required This Period				
					Sample Permit														01/PT - Once Per Permit	
01306	Copper, potentially dissolved	1 - Effluent	0		Req.											Req Mon DAILY MX	28 - ug/l	-	Term	GR - GRA
		Gross			Value NODI											9 - Conditional Monitoring - Not Required This Period				
					Sample															
01313	Cadmium, potentially dissolvd	1 - Effluent	0		Permit Req.											Req Mon DAILY MX	28 - ug/l	-	01/PT - Once Per Permit Term	GR - GRA
01010	Cadmani, potentiany disserva	Gross			Value NODI											9 - Conditional Monitoring - Not Required This Period				
					Sample															
	Chromium, trivalent, potentially	1 - Effluent			Permit Req.											Req Mon DAILY MX	28 - ug/l	-	01/PT - Once Per Permit Term	GR - GRA
01314	dissolvd	Gross	0		Value											9 - Conditional Monitoring - Not Required This				

				NODI						Period				
				Sample				=	0.31 =	0.31	28 - ug/	L	02/30 - Twice Per Month	GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	 Permit Req.					Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/	L 0	02/30 - Twice Per Month	GR - GRAB
		01033		Value NODI										
				Sample =	0.006	= 0.006	03 - MGD						02/30 - Twice Per Month	IN - INSTAN
50050	Flow, in conduit or thru treatment	1 - Effluent Gross	0	 Permit Req.	Req Mon 30DA AVG	Req Mon DAIL MX	Y 03 - MGD					0	02/30 - Twice Per Month	IN - INSTAN
	piant	01033		Value NODI										
				Sample										
50092	Mercury, total low level	1 - Effluent	0	 Permit Req.						Req Mon DAILY MX	28 - ug/	'L	01/PT - Once Per Permit Term	GR - GRAB
00002	increasing, total few level	Gross		Value NODI						9 - Conditional Monitoring - Not Required This Period				
				Sample		= 0.0	AB - abst=0;prst=1						02/30 - Twice Per Month	VI - VISUAL
84066	Oil and grease visual	1 - Effluent Gross	0	 Permit Req.		Req Mon INST MAX	AB - abst=0;prst=1					0	02/30 - Twice Per Month	VI - VISUAL
				Value NODI										

**Submission Note** 

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors** 

No errors.

Comments

Attachments
No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User: TNSUMMERS
Name: Troy Summers

E-Mail: tsummers@wwcengineering.com

Date/Time: 2024-08-22 12:35 (Time Zone: -06:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM

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E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2024-08-28 18:24 (Time Zone: -06:00)