

DMR Copy of Record

[illegible]

50092	Mercury, total low level	1 - Effluent Gross	0	--	Sample													Req Mon DAILY MX	28 - ug/L		01/PT - Once Per Permit Term	GR - GRAB
					Permit Req.																	
					Value NODI																	
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	AB - abst=0;prst=1										0	02/30 - Twice Per Month	VI - VISUAL
					Permit Req.				Req Mon INST MAX	AB - abst=0;prst=1									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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00980	Iron, total recoverable	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. (Error Code: 1)	Yes

Comments

CDPHE was notified on Nov 25th, 2020 of the associated exceedance via email to Jacob Dyste. Exceedance is an anomaly and may be the result of sampler error.

Attachments

No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2020-11-25 09:51 (Time Zone: -07:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2020-11-25 09:51 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:CO0048275

Major:Yes

Permittee:Peabody Sage Creek Mining LLC

Permittee Address:29515 RCR 27
Oak Creek, CO 80467

Facility:SAGE CREEK MINE COMPLEX

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 10/01/20 to 10/31/20

DMR Due Date:11/28/20

Status:NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# 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			
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.2			=	7.21	12 - SU	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<	150.0			28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	10	--	Sample								=	3.3	=	3.59	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	18.4 DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	10	--	Sample	=	0.065	=	0.066	03 - MGD								0	02/30 - Twice Per Month	IN - INSTAN
					Permit Req.	<=	0.115 30DA AVG		Req Mon DAILY MX	03 - MGD									02/30 - Twice Per Month	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	10	--	Sample								=	3800.0			19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	5000.0 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					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:2020-11-17 15:31 (Time Zone: -07:00)

Report Last Signed By

MBLOMQUIST@PEABODYENERGY.COM

User:MBLOMQUIST@PEABODYENERGY.COM

Name:Miranda Kawcak

E-Mail:mblomquist@peabodyenergy.com

Date/Time:2020-11-25 09:51 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:CO0048275

Major:Yes

Permittee:Peabody Sage Creek Mining LLC

Permittee Address:29515 RCR 27
Oak Creek, CO 80467

Facility:SAGE CREEK MINE COMPLEX

Facility Location:36600 CR 27
HAYDEN, CO 81639

Permitted Feature:005
External Outfall

Discharge:005-A
Spoil Spring Discharge to Cow Camp Creek

Report Dates & Status

Monitoring Period:From 10/01/20 to 10/31/20

DMR Due Date:11/28/20

Status:NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# 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			
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.97			=	8.18	12 - SU	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<	150.0			28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	10	--	Sample								=	0.67	=	0.67	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	18.4 DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	10	--	Sample	=	0.002	=	0.002	03 - MGD								0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.	<=	0.034 30DA AVG		Req Mon DAILY MX	03 - MGD									02/30 - Twice Per Month	GR - GRAB
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	10	--	Sample								=	4750.0			19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	5170.0 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					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

SSSPG2

Attachments

No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User:TNSUMMERS

Name:Troy Summers

E-Mail:tsummers@wwcengineering.com

Date/Time:2020-11-17 15:28 (Time Zone: -07:00)

Report Last Signed By

MBLOMQUIST@PEABODYENERGY.COM

User:MBLOMQUIST@PEABODYENERGY.COM

Name:Miranda Kawcak

E-Mail:mblomquist@peabodyenergy.com

Date/Time:2020-11-25 09:51 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0048275

Major:

Yes

Permittee:

Peabody Sage Creek Mining LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SAGE CREEK MINE COMPLEX

Facility Location:

36600 CR 27
HAYDEN, CO 81639

Permitted Feature:

004
External Outfall

Discharge:

004-A
Pond 4 Discharge to Cow Camp Creek

Report Dates & Status

Monitoring Period:

From 10/01/20 to 10/31/20

DMR Due Date:

11/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# 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		
70295	Solids, total dissolved	1 - Effluent Gross	10	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	5000.0 30DA AVG				19 - mg/L		
					Value NODI									9 - Conditional Monitoring - Not Required This Period						

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:

2020-11-17 14:48 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-11-25 09:51 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0048275

Major:

Yes

Permittee:

Peabody Sage Creek Mining LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SAGE CREEK MINE COMPLEX

Facility Location:

36600 CR 27
HAYDEN, CO 81639

Permitted Feature:

003
External Outfall

Discharge:

003-A
Discharge to Grassy Creek

Report Dates & Status

Monitoring Period:

From 10/01/20 to 10/31/20

DMR Due Date:

11/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TR iron limits waived for >10YR,24HR 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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form 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:	2020-11-17 14:25 (Time Zone: -07:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-11-25 09:51 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0048275

Major:

Yes

Permittee:

Peabody Sage Creek Mining LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SAGE CREEK MINE COMPLEX

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 10/01/20 to 10/31/20

DMR Due Date:

11/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TR iron limits waived for >10YR,24HR 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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.12			=	8.15	12 - SU	0	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB	
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	8.0	=	8.0	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 MX 7D AV	19 - mg/L		02/30 - Twice Per Month	GR - GRAB	
					Value NODI																
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	150.0	=	150.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.								<=	1000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB	
					Value NODI																
01323	Selenium, potentially dissolvd	1 - Effluent Gross	10	--	Sample								=	1.0	=	1.27	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG	<=	18.4 DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB	
					Value NODI																
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														77/77 - Contingent	GR - GRAB	
					Permit Req.										<=	10.0 INST MAX	19 - mg/L				
					Value NODI											9 - Conditional Monitoring - Not Required This Period					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	10	--	Sample	=	0.071	=	0.073	03 - MGD								0	02/30 - Twice Per Month	IN - INSTAN	
					Permit Req.	<=	0.588 30DA AVG		Req Mon DAILY MX	03 - MGD									02/30 - Twice Per Month	IN - INSTAN	
					Value NODI																
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	AB - abst=0;prst=1								0	02/30 - Twice Per Month	VI - VISUAL	
					Permit Req.				Req Mon INST MAX	AB - abst=0;prst=1									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.

<i>Report Last Saved By</i>	
<i>Peabody Sage Creek Mining LLC</i>	
User:	TNSUMMERS
Name:	Troy Summers
E-Mail:	tsummers@wwcengineering.com
Date/Time:	2020-11-17 14:22 (Time Zone: -07:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-11-25 09:51 (Time Zone: -07:00)