

DMR Copy of Record

Permit

Permit #:

CO0000221

Major:

Yes

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

MN1
External Outfall

Discharge:

MN1-3
DISCHARGE TO SAGE CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

AFTER COLLECTION OF 12 SAMPLES, PERMITTEE IS REQUIRED TO REQUEST A REASONABLE POTENTIAL ANALYSIS BEPERFORMED.

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

Seneca Coal Co LLC

User: TNSUMMERS
Name: Troy Summers
E-Mail: tsummers@wwcengineering.com
Date/Time: 2020-07-23 23:45 (Time Zone: -06:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM
Name: Miranda Kawcak
E-Mail: mblomquist@peabodyenergy.com
Date/Time: 2020-07-28 16:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

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CO0000221

Major:

Yes

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

MN1
External Outfall

Discharge:

MN1-1
DISCHARGE TO GRASSY CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

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Attachments

No attachments.

Report Last Saved By

Seneca Coal Co LLC

User:

TNSUMMERS

Name:	Troy Summers
E-Mail:	tsummers@wwcengineering.com
Date/Time:	2020-07-23 23:33 (Time Zone: -06:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-28 16:04 (Time Zone: -06:00)

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29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

MNO
External Outfall

Discharge:

MN0-5
DSCHG TO TRIB/DRY CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

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Considerations for Form Completion

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Comments

Attachments

No attachments.

Report Last Saved By

Seneca Coal Co LLC

User:

TNSUMMERS

Name:	Troy Summers
E-Mail:	tsummers@wwcengineering.com
Date/Time:	2020-07-23 23:09 (Time Zone: -06:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-28 16:04 (Time Zone: -06:00)

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Permit

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Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

017
External Outfall

Discharge:

017-A
DISCHARGE TO HUBBERSON GULCH

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/27/21

Status:

NetDMR Validated

Considerations for Form Completion

TSS & IRON LIMITS WILL BE WAIVED &SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENT; TSS,IRON & SETTLEABLE SOLIDS LIMITS WAIVED FOR >10YR,24HR PRECIP EVENT SUBJECT TO BURDEN OF PROOF IN I.A.3.OIL & GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

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						=	7.07			=	7.43	12 - SU	0	01/30 - Monthly	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	446.67	=	610.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	1.1	=	1.6	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	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	0	--	Sample	=	0.3548	=	0.4379	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	481.0	=	668.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	01/30 - Monthly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/30 - Monthly	VI - VISUAL
					Value NODI															

Submission Note

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Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
Seneca Coal Co LLC	
User:	TNSUMMERS
Name:	Troy Summers
E-Mail:	tsummers@wwcengineering.com
Date/Time:	2020-07-24 00:05 (Time Zone: -06:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-28 16:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

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CO0000221

Major:

Yes

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

016
External Outfall

Discharge:

016-A
DSCHG TO TRIB/HUBBERSON GULCH

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/27/20

Status:

NetDMR Validated

Considerations for Form Completion

TSS & TOTAL IRON LIMITS WILL BE WAIVED & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENT;TSS, TOTAL IRON & SETTLEABLE SOLIDS LIMITS WAIVED FOR >10YR,24HR PRECIP EVENT SUBJECT TO PROOF OF BURDENIN I.A.3. OIL & GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

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						=	7.36			=	7.82	12 - SU	0	01/30 - Monthly	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample							<	0.5	<	0.5	25 - mL/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.								Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB	
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample							=	255.0	=	420.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.							<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB	
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample							=	1.4	=	1.4	28 - ug/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB	
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample												19 - mg/L	77/77 - Contingent	GR - GRAB	
					Permit Req.									<=	10.0 INST MAX					
					Value NODI										9 - Conditional Monitoring - Not Required This Period					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.4273	=	0.5723	03 - MGD							0	01/30 - Monthly	IN - INSTAN	
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD								01/30 - Monthly	IN - INSTAN	
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample							=	1663.0	=	2050.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.								Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB	
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1							0	01/30 - Monthly	VI - VISUAL	
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1								01/30 - Monthly	VI - VISUAL	
					Value NODI															

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Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
Seneca Coal Co LLC	
User:	TNSUMMERS
Name:	Troy Summers
E-Mail:	tsummers@wwcengineering.com
Date/Time:	2020-07-24 00:02 (Time Zone: -06:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-28 16:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0000221

Major:

Yes

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

015
External Outfall

Discharge:

015-A
DISCHARGE TO SAGE CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

OIL & GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

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						=	7.13			=	8.13	12 - SU	0	01/30 - Monthly	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.										<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Value NODI											9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.1244	=	0.1358	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	373.0	=	410.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	01/30 - Monthly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/30 - Monthly	VI - VISUAL
					Value NODI															

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Comments

Attachments

No attachments.

Report Last Saved By

Seneca Coal Co LLC

User:

TNSUMMERS

Name:

Troy Summers

E-Mail:	tsummers@wwcengineering.com
Date/Time:	2020-07-23 23:58 (Time Zone: -06:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-28 16:04 (Time Zone: -06:00)

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Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

014
External Outfall

Discharge:

014-A
DSCHG TO TRIB/SAGE CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

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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						=	7.36			=	7.78	12 - SU	0	02/90 - Twice Every Quarter	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	02/90 - Twice Every Quarter	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	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	0	--	Sample	=	0.0668	=	0.1028	03 - MGD								0	03/90 - Three Every Quarter	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	1650.0	=	1920.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	01/30 - Monthly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/30 - Monthly	VI - VISUAL
					Value NODI															

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Edit Check Errors

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Comments

Dry in June.

Attachments

No attachments.

Report Last Saved By

Seneca Coal Co LLC

User:	TNSUMMERS
Name:	Troy Summers
E-Mail:	tsummers@wwcengineering.com
Date/Time:	2020-07-23 23:55 (Time Zone: -06:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-28 16:04 (Time Zone: -06:00)

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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						=	7.25			=	7.53	12 - SU	0	02/90 - Twice Every Quarter	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	02/90 - Twice Every Quarter	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample								=	200.0	=	200.0	28 - ug/L	0	02/90 - Twice Every Quarter	GR - GRAB
					Permit Req.								<=	3000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L		01/30 - Monthly	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	0	--	Sample	=	0.0778	=	0.1264	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample							=	4155.0	=	5630.0		19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	02/90 - Twice Every Quarter	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/30 - Monthly	VI - VISUAL
					Value NODI															

No attachments.

Report Last Saved By	
Seneca Coal Co LLC	
User:	TNSUMMERS
Name:	Troy Summers
E-Mail:	tsummers@wwcengineering.com
Date/Time:	2020-07-23 23:39 (Time Zone: -06:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-28 16:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0000221

Major:

Yes

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

012
External Outfall

Discharge:

012-A
DISCHARGE TO SAGE CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TSS & IRON LIMITS WILL BE WAIVED &SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENT; TSS,IRON & SETTLEABLE SOLIDS LIMITS WAIVED FOR >10YR,24HR PRECIP EVENT SUBJECT TO BURDEN OF PROOF IN I.A.3.OIL & GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

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						=	7.06			=	7.65	12 - SU	0	01/30 - Monthly	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	266.67	=	300.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	40.0	=	40.0	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	1.03	=	1.7	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	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	0	--	Sample	=	0.3403	=	0.3783	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	2543.0	=	2740.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	01/30 - Monthly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/30 - Monthly	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

Seneca Coal Co LLC

User: TNSUMMERS

Name: Troy Summers

E-Mail: tsummers@wwcengineering.com

Date/Time: 2020-07-23 23:36 (Time Zone: -06:00)

Report Last Signed By

MBLOMQUIST@PEABODYENERGY.COM

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2020-07-28 16:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0000221

Major:

Yes

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

011
External Outfall

Discharge:

011-A
DSCHG TO GRASSY CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SETTLEABLE SOLIDS LIMITS WAIVED FOR >10YR,24HR PRECIP EVENT SUBJECT TO BURDEN OF PROOF IN I.A.2. OIL &GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

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						=	6.82			=	7.68	12 - SU	0	02/90 - Twice Every Quarter	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	02/90 - Twice Every Quarter	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<	200.0	<	200.0	28 - ug/L	0	02/90 - Twice Every Quarter	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.										<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Value NODI											9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0391	=	0.0701	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	1465.0	=	1590.0	19 - mg/L	0	02/90 - Twice Every Quarter	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	02/90 - Twice Every Quarter	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/30 - Monthly	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

Dry in April.

Attachments

No attachments.

Report Last Saved By Seneca Coal Co LLC	
User:	TNSUMMERS
Name:	Troy Summers
E-Mail:	tsummers@wwcengineering.com
Date/Time:	2020-07-23 23:27 (Time Zone: -06:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-28 16:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0000221

Major:

Yes

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

010
External Outfall

Discharge:

010-A
DSCHG TO TRIB/GRASSY CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SETTLEABLE SOLIDS LIMITS WAIVED FOR >10YR,24HR PRECIP EVENT SUBJECT TO BURDEN OF PROOF IN I.A.3. OIL &GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

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						=	7.18			=	8.29	12 - SU	0	01/30 - Monthly	IS - INSITU	
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU	
					Value NODI																
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB	
					Value NODI																
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	266.67	=	300.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.								<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB	
					Value NODI																
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample								=	3.33	=	4.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB	
					Value NODI																
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	0.47	=	0.6	28 - ug/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	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	0	--	Sample	=	0.2841	=	0.3122	03 - MGD								0	01/30 - Monthly	IN - INSTAN	
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN	
					Value NODI																
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	2230.0	=	2280.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.									Req Mon QRT R AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB	
					Value NODI																
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	01/30 - Monthly	VI - VISUAL	
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/30 - Monthly	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

Seneca Coal Co LLC

User:

TNSUMMERS

Name:

Troy Summers

E-Mail:

tsummers@wwcengineering.com

Date/Time:

2020-07-23 23:23 (Time Zone: -06:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-07-28 16:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0000221

Major:

Yes

Permitted Feature:

008
External Outfall

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Discharge:

008-A
DSCHG TO TRIB/FISH CREEK

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SETTLEABLE SOLIDS LIMITS WAIVED FOR >10YR,24HR PRECIP EVENT SUBJECT TO BURDEN OF PROOF IN I.A.3. OIL &GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

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						=	7.52			=	7.71	12 - SU	0	01/30 - Monthly	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	176.67	=	200.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	50.0	=	50.0	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	8.45	=	13.2	28 - ug/L	0	04/90 - 4 Times Every Quarter	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample										<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Permit Req.											9 - Conditional Monitoring - Not Required This Period				
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.1916	=	0.2357	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	2640.0	=	2800.0	19 - mg/L	0	03/90 - Three Every Quarter	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	01/30 - Monthly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/30 - Monthly	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

Seneca Coal Co LLC

User: TNSUMMERS

Name: Troy Summers

E-Mail: tsummers@wwcengineering.com

Date/Time: 2020-07-23 23:18 (Time Zone: -06:00)

Report Last Signed By

MBLOMQUIST@PEABODYENERGY.COM

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2020-07-28 16:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0000221

Major:

Yes

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

009
External Outfall

Discharge:

009-A
DSCHG TO TRIB/SAGE CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

OIL & GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

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														01/30 - Monthly	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L				
					Value NODI								C - No Discharge		C - No Discharge					
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										C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample														01/90 - Quarterly	GR - GRAB
					Permit Req.								Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI								C - No Discharge		C - No Discharge					
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1										
					Value NODI				C - No Discharge											

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

Seneca Coal Co LLC

User:

TNSUMMERS

Name:

Troy Summers

E-Mail:

tsummers@wwcengineering.com

Date/Time:

2020-07-23 23:18 (Time Zone: -06:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-07-28 16:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0000221

Major:

Yes

Permitted Feature:

006
External Outfall

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Discharge:

006-A
DSCHG TO TRIB/DRY CREEK

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SETTLEABLE SOLIDS LIMITS & FINAL TR IRON LIMITS WAIVED FOR >10YR,24HRPRECIP EVENT SUBJECT OF BURDEN OFPROOF IN I.A.3. OIL & GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

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						=	7.26			=	7.8	12 - SU	0	01/30 - Monthly	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	110.0	=	110.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	190.0	=	190.0	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	1.43	=	2.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	4.6 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	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	0	--	Sample	=	0.5172	=	0.7165	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	3180.0	=	4020.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	01/30 - Monthly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/30 - Monthly	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

Seneca Coal Co LLC

User:

TNSUMMERS

Name:

Troy Summers

E-Mail:

tsummers@wwcengineering.com

Date/Time:

2020-07-23 23:13 (Time Zone: -06:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-07-28 16:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0000221

Major:

Yes

Permittee:

Seneca Coal Co LLC

Permittee Address:

29515 RCR 27
Oak Creek, CO 80467

Facility:

SENECA MINE COMPLEX

Facility Location:

37766 RCR 53
HAYDEN, CO 81639

Permitted Feature:

005
External Outfall

Discharge:

005-A
DISCHARGE TO TRIB/DRY CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SETTLEABLE SOLIDS LIMITS WAIVED FOR >10YR,24HR PRECIP EVENT SUBJECT TO BURDEN OF PROOF IN I.A.3. OIL &GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

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						=	7.6			=	7.81	12 - SU	0	01/30 - Monthly	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	IS - INSITU
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	70.0	=	70.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.										<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Value NODI											9 - Conditional Monitoring - Not Required This Period				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.1161	=	0.1403	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	3740.0	=	4390.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	01/30 - Monthly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/30 - Monthly	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

Seneca Coal Co LLC	
User:	TNSUMMERS
Name:	Troy Summers
E-Mail:	tsummers@wwcengineering.com
Date/Time:	2020-07-23 22:51 (Time Zone: -06:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-28 16:04 (Time Zone: -06:00)