



Seneca Coal Company

January 22, 2018

Colorado Department of Public Health and Environment
Water Quality Control Division
Permits and Enforcement Section
4300 Cherry Creek Drive South
Denver, CO 80246-1530

RE: Fourth Quarter 2017 DMRs for CPDS Permit No. CO-0000221, SMC

Dear Sir or Madam:

Pursuant to reporting requirements contained in Colorado Discharge Permit CO-0000221 for the Seneca Mine Complex (SMC), enclosed please find the above referenced Discharge Monitoring Reports (DMRs) for Outfalls: 005, 006, 008, 009, 010, 011, 012, 013, 014, 015, 016 and 017.

No excursions of effluent limits occurred this monitoring period. Please contact me with any comments and/or questions.

Sincerely,

Miranda Kawcak

TNS/*tns*

Enclosure: CO-0000221 DMRs

cc: Mr. Jason Musick
Colorado Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO 80203-2273

DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221	005-A
PERMIT NUMBER	DISCHARGE NUMBER
MM/DD/YYYY	MM/DD/YYYY
10/01/2017	12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DISCHARGE TO TRIBUTARY CREEK

External Outfall

No Discharge ☒

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
00400 1 0 Effluent Gross Solids, settleable	SAMPLE MEASUREMENT	*****		*****			*****				
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM *****	*****	*****	9 MAXIMUM	SU	Monthly	INSITU
	SAMPLE MEASUREMENT	*****		*****							
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	.5 DAILY MX	mL/L	Monthly	GRAB
00980 1 0 Effluent Gross Oil and grease	SAMPLE MEASUREMENT	*****		*****							
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	1000 30DA AVG	ug/L	Monthly	GRAB
	SAMPLE MEASUREMENT	*****		*****							
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	10 INST MAX	mg/L	Contingent	GRAB
50050 1 0 Effluent Gross Solids, total dissolved	SAMPLE MEASUREMENT	*****									
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	Monthly	INSTAN
	SAMPLE MEASUREMENT	*****		*****							
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	Quarterly	GRAB
84066 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****									
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	*****	*****	Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Miranda Kawcak</i> TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Miranda Kawcak</i>	TELEPHONE	DATE
			AREA Code	NUMBER
			9708702718	01/21/18

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SETTLABLE 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.

DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

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Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221
PERMIT NUMBER

006-A

DISCHARGE NUMBER

MM/DD/YYYY
10/01/2017MONITORING PERIOD
MM/DD/YYYY
12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO TRIB/DRY CREEK

External Outfall

No Discharge ☐

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
pH		*****	*****	8.03	*****	*****	8.17	0	3/92	INSITU
00400 1 0 Effluent Gross Solids, settleable	PERMIT REQUIREMENT	*****	*****	6.5 MINIMUM	*****	*****	9 MAXIMUM	SU	Monthly	INSITU
00545 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****				<0.40	0	3/92	GRAB
Iron, total recoverable	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	5 DAILY MX	mL/L	Monthly	GRAB
00980 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****				<100.00	0	3/92	GRAB
Manganese, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1000 30DA AVG	ug/L	Monthly	GRAB
01319 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****				<30.00	0	1/92	GRAB
Selenium, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
01323 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****				0.20	0	3/92	GRAB
Oil and grease	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	4.6 30DA AVG	ug/L	Monthly	GRAB
03582 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****				NA	0	NA	NA
Flow, in conduit or thru treatment plant	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	10 INST MAX	mg/L	Contingent	GRAB
50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.14	0.14	Req. Mon. DAILY MX	*****	*****	*****	0	3/92	INSTAN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	MGD	MGD	*****	*****	*****	*****	Monthly	INSTAN

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Miranda Kawczak
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Miranda Kawczak

TELEPHONE

9708702748
AREA Code NUMBER

DATE

01/21/18
MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221
PERMIT NUMBER

006-A

DISCHARGE NUMBER

MM/DD/YYYY
10/01/2017

MONITORING PERIOD

MM/DD/YYYY

12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO TRIB/DRY CREEK

External Outfall

No Discharge ☐

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	UNITS	VALUE	UNITS			
Solids, total dissolved	*****	*****	*****	*****	*****	*****			
70295 1 0 Effluent Gross	*****	*****	*****	*****	*****	*****			
Oil and grease visual	*****	*****	*****	*****	*****	*****			
84066 1 0 Effluent Gross	*****	*****	*****	*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Miranda Kaweak TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT Miranda Kaweak	TELEPHONE	DATE
	970870278	01/21/18			
				AREA Code	NUMBER
					MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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

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Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221
PERMIT NUMBER

008-A

DISCHARGE NUMBER

MM/DD/YYYY
10/01/2017

MONITORING PERIOD

MM/DD/YYYY

12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO TRIB/FISH CREEK

External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****		*****						
00400 1 0 Effluent Gross Solids, settleable	PERMIT REQUIREMENT	*****	*****	*****	8.21		8.43	0	3/92	INSITU
	SAMPLE MEASUREMENT	*****	*****	*****	6.5 MINIMUM		9 MAXIMUM		Monthly	INSITU
	PERMIT REQUIREMENT	*****	*****	*****			<0.40	0	3/92	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****			Req. Mon. 30DA AVG		Monthly	GRAB
00545 1 0 Effluent Gross Iron, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****			350.00	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****			1000 30DA AVG		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****			280.00	0	1/92	GRAB
01319 1 0 Effluent Gross Selenium, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****			1.20	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****			Req. Mon. QTR AVG		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****			Req. Mon. DAILY MX		Monthly	GRAB
01323 1 0 Effluent Gross Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****			1.20	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****			Req. Mon. 30DA AVG		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****			NA	0	NA	NA
03582 1 0 Effluent Gross Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	*****	*****	*****			10 INST MAX		Contingent	GRAB
	PERMIT REQUIREMENT	*****	*****	*****						
	SAMPLE MEASUREMENT	0.05	0.05	MGD				0	3/92	INSTAN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	MGD					Monthly	INSTAN

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Miranda Kawcak

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Miranda Kawcak

TELEPHONE

928702718

DATE

01/21/18

AREA Code

NUMBER

MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SETTLABLE 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.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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Hayden, CO 81639-0670
FACILITY: SENECA MINE COMPLEX
LOCATION: 37766 RCR 53
HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221	008-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
10/01/2017	12/31/2017

DMR Mailing ZIP CODE: 81639
MAJOR ROUTT
DSCHG TO TRIB/FISH CREEK
External Outfall
No Discharge ☐

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Solids, total dissolved	*****	*****	*****	*****	3553.33	MG/L	0	3/92	GRAB
70295 1 0 Effluent Gross	*****	*****	*****	*****	Req. Mon. QTR AVG	mg/L		Quarterly	GRAB
Oil and grease visual	*****	*****	0	*****	*****	*****	0	3/92	VISUAL
84066 1 0 Effluent Gross	*****	Req. Mon. INST MAX	Y=1;N=0	*****	*****	*****		Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
TYPED OR PRINTED		9708102718 AREA Code NUMBER	01/21/18 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SETTLABLE 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.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221

PERMIT NUMBER

009-A

DISCHARGE NUMBER

MM/DD/YYYY

10/01/2017

MONITORING PERIOD

MM/DD/YYYY

12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO TRIB/SAGE CREEK

External Outfall

No Discharge ☒

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****		*****				
00400 1 0 Effluent Gross Solids, settleable	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM *****	9 MAXIMUM	SU		Monthly	INSITU
	SAMPLE MEASUREMENT	*****	*****	*****						
00545 1 0 Effluent Gross Oil and grease	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG *****	.5 DAILY MX mL/L		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
03582 1 0 Effluent Gross Flow, in conduit or thru treatment plant	PERMIT REQUIREMENT	*****	*****	*****	*****	10 INST MAX *****	mg/L		Contingent	GRAB
	SAMPLE MEASUREMENT				*****		*****			
50050 1 0 Effluent Gross Solids, total dissolved	PERMIT REQUIREMENT	Req. Mon. 30DA AVG *****	Req. Mon. DAILY MX *****	MGD *****	*****	*****	*****		Monthly	INSTAN
	SAMPLE MEASUREMENT				*****					
70295 1 0 Effluent Gross Oil and grease visual	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. QTR AVG *****	mg/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****			*****		*****			
84066 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. INST MAX	Y=1;N=0	*****	*****	*****		Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE		DATE
	9708702718		8/21/18
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code		NUMBER
	9708702718		8/21/18
TYPED OR PRINTED			

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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

DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

C00000221

PERMIT NUMBER

010-A

DISCHARGE NUMBER

MONITORING PERIOD

MM/DD/YYYY

10/01/2017

MM/DD/YYYY

12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO TRIB/GRASSY CREEK

External Outfall

No Discharge ☐

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
pH		*****	*****	7.79	*****	*****	8.41	0	3/92	INSITU
00400 1 0 Effluent Gross Solids, settleable	PERMIT REQUIREMENT	*****	*****	6.5 MINIMUM	*****	*****	9 MAXIMUM		Monthly	INSITU
00545 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	<0.40	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. 30DA AVG		Monthly	GRAB
Iron, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	210.00	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1000 30DA AVG		Monthly	GRAB
00980 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	<1.00	0	3/92	GRAB
Copper, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX		Monthly	GRAB
01306 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.50	0	3/92	GRAB
Selenium, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX		Monthly	GRAB
01323 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.50	0	3/92	GRAB
Oil and grease	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX		Monthly	GRAB
03582 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NA	0	NA	NA
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	10 INST MAX		Contingent	GRAB
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.10	MGD	0.10	*****	*****	*****	0	3/92	INSTAN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	*****	*****	*****	*****		Monthly	INSTAN

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Miranda Kawrak

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Miranda Kawrak

TELEPHONE

9708702718

DATE

2/21/18

TYPED OR PRINTED

AREA Code

NUMBER

MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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CO0000221	010-A
PERMIT NUMBER	DISCHARGE NUMBER

MM/DD/YYYY	MM/DD/YYYY
10/01/2017	12/31/2017

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
12/31/2017	12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO TRIB/GRASSY CREEK

External Outfall

No Discharge ☐

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
Solids, total dissolved	*****	*****	*****	*****	*****	*****	0	3/92	GRAB
70295 1 0 Effluent Gross	*****	*****	*****	*****	*****	*****	0	Quarterly	GRAB
Oil and grease visual	*****	0	*****	*****	*****	*****	0	3/92	VISUAL
84066 1 0 Effluent Gross	*****	Req. Mon. INST MAX	*****	*****	*****	*****	0	Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
TYPED OR PRINTED		970870278 AREA Code NUMBER	01/21/18 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SETTLABLE 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.

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CO0000221
PERMIT NUMBER

011-A

DISCHARGE NUMBER

MM/DD/YYYY
10/01/2017MONITORING PERIOD
MM/DD/YYYY
12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO GRASSY CREEK

External Outfall

No Discharge ☒

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS				
pH		*****	*****	*****		*****					
00400 1 0 Effluent Gross Solids, settleable		*****	*****	*****	6.5 MINIMUM *****	*****	9 MAXIMUM	SU		Monthly	INSITU
00545 1 0 Effluent Gross Iron, total recoverable		*****	*****	*****	*****	Req. Mon. 30DA AVG	.5 DAILY MX	mL/L		Monthly	GRAB
00980 1 0 Effluent Gross Oil and grease		*****	*****	*****	*****	1000 30DA AVG *****	Req. Mon. DAILY MX	ug/L		Monthly	GRAB
03582 1 0 Effluent Gross Flow, in conduit or thru treatment plant		*****	*****	*****	*****	*****	10 INST MAX *****	mg/L		Contingent	GRAB
50050 1 0 Effluent Gross Solids, total dissolved		*****	Req. Mon. DAILY MX *****	MGD	*****	*****	*****	*****		Monthly	INSTAN
70295 1 0 Effluent Gross Oil and grease visual		*****	*****	*****	*****	Req. Mon. QTRTR AVG *****	Req. Mon. DAILY MX *****	mg/L		Quarterly	GRAB
84066 1 0 Effluent Gross		*****	Req. Mon. INST MAX	Y=1;N=0	*****	*****	*****	*****		Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Miranda Kawrak

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TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Miranda Kawrak

TELEPHONE

9708702748

DATE

01/21/18

AREA Code

NUMBER

MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

SETTLABLE 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.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221
PERMIT NUMBER

012-A

DISCHARGE NUMBER

MM/DD/YYYY
10/01/2017

MONITORING PERIOD

MM/DD/YYYY
12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DISCHARGE TO SAGE CREEK

External Outfall

No Discharge ☐

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
pH		*****	*****	7.87	*****		8.01	0	3/92	INSITU
00400 10 Effluent Gross Solids, settleable	PERMIT REQUIREMENT	*****	*****	6.5 MINIMUM	*****		MAXIMUM		Monthly	INSITU
00545 10 Effluent Gross Iron, total recoverable	SAMPLE MEASUREMENT	*****	*****		*****		<0.40	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****		*****		Req. Mon. 30DA AVG		Monthly	GRAB
00980 10 Effluent Gross Manganese, potentially dissolved	SAMPLE MEASUREMENT	*****	*****		*****		480.00	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****		*****		1000 30DA AVG		Monthly	GRAB
01319 10 Effluent Gross Selenium, potentially dissolved	SAMPLE MEASUREMENT	*****	*****		*****		170.00	0	1/92	GRAB
	PERMIT REQUIREMENT	*****	*****		*****		Req. Mon. QRTD AVG		Quarterly	GRAB
01323 10 Effluent Gross Oil and grease	SAMPLE MEASUREMENT	*****	*****		*****		1.20	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****		*****		Req. Mon. 30DA AVG		Monthly	GRAB
03582 10 Effluent Gross Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.08	MGD	0.10	*****		NA	0	NA	NA
	PERMIT REQUIREMENT	*****	*****		*****		10 INST MAX		Contingent	GRAB
50050 10 Effluent Gross	SAMPLE MEASUREMENT		MGD		*****		*****	0	3/92	INSTAN
	PERMIT REQUIREMENT	*****	MGD		*****		*****		Monthly	INSTAN

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Miranda Kawrak</i> TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Miranda Kawrak</i>		TELEPHONE	DATE
	AREA Code	NUMBER		
		9708702718		01/21/18
				MMDDYYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221
PERMIT NUMBER

012-A

DISCHARGE NUMBER

MM/DD/YYYY
10/01/2017

MONITORING PERIOD

MM/DD/YYYY
12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DISCHARGE TO SAGE CREEK

External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Solids, total dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	3346.67	3560.00	0	3/92	GRAB
70295 1 0 Effluent Gross Oil and grease visual	SAMPLE MEASUREMENT	*****	0		*****	Req. Mon. QRTTR AVG	Req. Mon. DAILY MX		Quarterly	GRAB
	PERMIT REQUIREMENT	*****	Req. Mon. INST MAX	Y=1;N=0	*****	*****	*****	0	3/92	VISUAL
84066 1 0 Effluent Gross									Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Miranda Kawcak</i> TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Miranda Kawcak</i>	TELEPHONE	DATE
			9708702748 AREA Code NUMBER	01/21/18 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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Hayden, CO 81639-0670

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HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221

PERMIT NUMBER

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MM/DD/YYYY
10/01/2017

MONITORING PERIOD

MM/DD/YYYY

12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DISCHARGE TO SAGE CREEK

External Outfall

No Discharge ☒

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM		Monthly	INSITU
	SAMPLE MEASUREMENT	*****	*****	*****						
00545 1 0 Effluent Gross Iron, total [as Fe]	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	.5 DAILY MX		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	3000 30DA AVG	6000 DAILY MX		Monthly	GRAB
01045 1 0 Effluent Gross Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	10 INST MAX		Contingent	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
03582 1 0 Effluent Gross Flow, in conduit or thru treatment plant	PERMIT REQUIREMENT	*****	*****	*****	*****	*****				
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****		Monthly	INSTAN
50050 1 0 Effluent Gross Solids, total dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. QTR AVG	Req. Mon. DAILY MX		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
70295 1 0 Effluent Gross Oil and grease visual	PERMIT REQUIREMENT	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	Req. Mon. INST MAX	Y=1;N=0	*****	*****	*****		Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Miranda Kawak

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TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Miranda Kawak

TELEPHONE

9708702778

DATE

01/21/18

AREA Code

NUMBER

MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221
PERMIT NUMBER

014-A

DISCHARGE NUMBER

MONITORING PERIOD
MM/DD/YYYY
10/01/2017MM/DD/YYYY
12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO TRIB/SAGE CREEK

External Outfall

No Discharge ☒

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
00400 1 0 Effluent Gross Solids, settleable	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	SU		Monthly	INSITU
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
00545 1 0 Effluent Gross Oil and grease	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	mL/L		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
03582 1 0 Effluent Gross Flow, in conduit or thru treatment plant	PERMIT REQUIREMENT	*****	*****	*****	*****	10 INST MAX	mg/L		Contingent	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
50050 1 0 Effluent Gross Solids, total dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****		Monthly	INSTAN
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
70295 1 0 Effluent Gross Oil and grease visual	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. QTR AVG	mg/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
84066 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****		Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Miranda Kawcak TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE	DATE
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT Miranda Kawcak			

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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 - 1/A.3 OIL & GREASE - SEE 1.B.1.X. TDS MONITORING - 1.B.2.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221	015-A
PERMIT NUMBER	DISCHARGE NUMBER

MM/DD/YYYY	MM/DD/YYYY
10/01/2017	12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DISCHARGE TO SAGE CREEK

External Outfall

No Discharge ☐

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS				
pH	SAMPLE MEASUREMENT	*****	*****	*****					0	3/92	INSITU
	PERMIT REQUIREMENT	*****	*****	*****	8.32			8.44	SU	Monthly	INSITU
	SAMPLE MEASUREMENT	*****	*****	*****	6.5 MINIMUM			MAXIMUM	SU		
00545 10 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****				<0.40	ML/L	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****			Req. Mon. 30DA AVG	mL/L	Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****			*****			
03582 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****			NA	NA	NA	NA
	SAMPLE MEASUREMENT	*****	*****	*****	*****			10 INST MAX	mg/L	Contingent	GRAB
	SAMPLE MEASUREMENT	0.01	0.01	MGD	*****			*****	*****	0	3/92
50050 10 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	MGD	*****			*****	*****	Monthly	INSTAN
	SAMPLE MEASUREMENT	*****	*****	*****	*****			*****			
	SAMPLE MEASUREMENT	*****	*****	*****	*****			471.33	MG/L	0	3/92
70295 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****			Req. Mon. QRTX AVG	mg/L	Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****			*****	*****		
	SAMPLE MEASUREMENT	*****	*****	*****	*****			*****	*****	0	3/92
84066 10 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. INST MAX	Y=1;N=0	*****			*****	*****	Monthly	VISUAL
	SAMPLE MEASUREMENT	*****	*****	*****	*****			*****	*****		
	SAMPLE MEASUREMENT	*****	*****	*****	*****			*****	*****		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
Miranda Kaweak	9708702718	01/21/18
TYPED OR PRINTED	AREA Code	NUMBER
		MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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

DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

C00000221

PERMIT NUMBER

016-A

DISCHARGE NUMBER

MM/DD/YYYY

10/01/2017

MONITORING PERIOD

MM/DD/YYYY

12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO TRIB/HUBBERSON GULCH

External Outfall

No Discharge ☐

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
pH		*****	*****	*****	8.27	*****	SU	0	3/92	INSITU
00400 1 0 Effluent Gross Solids, settleable	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	SU		Monthly	INSITU
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****				
00545 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	<0.40	*****	ML/L	0	3/92	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	ml/L		Monthly	GRAB
Iron, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****				
00980 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	<40.00	*****	UG/L	0	3/92	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	ug/L		Monthly	GRAB
Selenium, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****				
01323 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	<40.00	*****	UG/L	0	3/92	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	ug/L		Monthly	GRAB
Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****				
03582 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	NA	0	NA	NA
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	mg/L		Contingent	GRAB
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.04	0.04	MGD	*****	*****	*****	0	3/92	INSTAN
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****		Monthly	INSTAN
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****				
Solids, total dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****				
70295 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	MG/L	0	3/92	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	mg/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Miranda Kawcak

TYPED OR PRINTED

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Miranda Kawcak
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

9708702718

DATE

01/21/18

AREA Code

NUMBER

MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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 BURDEN IN I.A.3. OIL & GREASE - SEE I.B.1.X. TDS MONITORING - I.B.2.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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Hayden, CO 81639-0670
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HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221	016-A
PERMIT NUMBER	DISCHARGE NUMBER
MM/DD/YYYY	MM/DD/YYYY
10/01/2017	12/31/2017

DMR Mailing ZIP CODE: 81639
MAJOR ROUTT
DSCHG TO TRIB/HUBBERSON GULCH
External Outfall
No Discharge ☐

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Oil and grease visual	84066 1 0	*****	0	0	*****	*****	*****	0	3/92	VISUAL
	Effluent Gross	*****	Req. Mon. INST MAX	Y=1;N=0	*****	*****	*****		Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	DATE
Miranda Kawcak	Miranda Kawcak		9708702718	04/21/18
TYPED OR PRINTED	AREA Code		NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221
PERMIT NUMBER

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MM/DD/YYYY
10/01/2017

MONITORING PERIOD

MM/DD/YYYY

12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DISCHARGE TO HUBBERSON GULCH

External Outfall

No Discharge ☐

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
pH	*****	*****	8.32	*****	SU	8.63	0	3/92	INSITU
00400 10 Effluent Gross Solids, settleable	*****	*****	6.5 MINIMUM	*****	SU	MAXIMUM		Monthly	INSITU
00545 10 Effluent Gross	*****	*****	*****	*****	ML/L	<0.40	0	3/92	GRAB
Iron, total recoverable	*****	*****	*****	*****	mL/L	.5 DAILY MX		Monthly	GRAB
00980 10 Effluent Gross	*****	*****	*****	*****	UG/L	240.00	0	3/92	GRAB
Selenium, potentially dissolved	*****	*****	*****	*****	ug/L	Req. Mon. DAILY MX		Monthly	GRAB
01323 10 Effluent Gross	*****	*****	*****	*****	UG/L	3.50	0	3/92	GRAB
Oil and grease	*****	*****	*****	*****	ug/L	Req. Mon. DAILY MX		Monthly	GRAB
03582 10 Effluent Gross	*****	*****	*****	*****	NA	NA	0	NA	NA
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	mg/L	10 INST MAX		Contingent	GRAB
50050 10 Effluent Gross	0.02	MGD	0.02	*****	*****	*****	0	3/92	INSTAN
Solids, total dissolved	Req. Mon. 30DA AVG	MGD	Req. Mon. DAILY MX	*****	*****	*****		Monthly	INSTAN
70295 10 Effluent Gross	*****	*****	*****	*****	MG/L	1973.33	0	3/92	GRAB
	*****	*****	*****	*****	mg/L	Req. Mon. DAILY MX		Quarterly	GRAB

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Miranda Kawcak
TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Miranda Kawcak

TELEPHONE
9708702718
DATE
01/21/18

AREA Code
NUMBER
MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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Hayden, CO 81639-0670

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LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

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DISCHARGE NUMBER

MM/DD/YYYY

10/01/2017

MONITORING PERIOD

MM/DD/YYYY

12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DISCHARGE TO HUBBERSON GULCH

External Outfall

No Discharge ☐

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Oil and grease visual		*****	0		*****	*****	*****	0	3/92	VISUAL
84066 10 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. INST MAX	Y=1;N=0	*****	*****	*****		Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Miranda Kawcak</i> TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Miranda Kawcak</i>		TELEPHONE	DATE
			9708702718 AREA Code NUMBER	01/21/18 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC
ADDRESS: PO Box 670
Hayden, CO 81639-0670
FACILITY: SENECA MINE COMPLEX
LOCATION: 37766 RCR 53
HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

DMR Mailing ZIP CODE: 81639
MAJOR ROUTT
DSCHG TO TRIB/DRY CREEK
External Outfall
No Discharge ☒

CO0000221	MINO-5
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
10/01/2017	12/31/2017

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Zinc, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****					
01303 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
Silver, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
01304 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
Copper, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
01306 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
Cadmium, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
01313 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
Chromium, trivalent, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
01314 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
Lead, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
01318 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
Nickel, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
01322 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE		DATE
Miranda Kawrak	9108702718	01/21/18	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		MM/DD/YYYY
	Miranda Kawrak		01/21/18

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
AFTER COLLECTION OF 12 SAMPLES, PERMITTEE IS REQUIRED TO REQUEST A REASONABLE POTENTIAL ANALYSIS BEPERFORMED.

DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221
PERMIT NUMBERMNO-5
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO TRIB/DRY CREEK

External Outfall

No Discharge ☒MONITORING PERIOD
MM/DD/YYYY
10/01/2017
MM/DD/YYYY
12/31/2017

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Selenium, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****					
01323 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
Mercury, total [as Hg]	SAMPLE MEASUREMENT	*****	*****	*****	*****					
71900 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		TELEPHONE	DATE
Miranda Kawcak TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		9708702718 AREA Code NUMBER	01/21/18 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
AFTER COLLECTION OF 12 SAMPLES, PERMITTEE IS REQUIRED TO REQUEST A REASONABLE POTENTIAL ANALYSIS BEPERFORMED.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221	MN1-1
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
10/01/2017	12/31/2017

DMR Mailing ZIP CODE: 81639
MAJOR ROUTT
DISCHARGE TO GRASSY CREEK
External Outfall
No Discharge ☒

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS				
Zinc, potentially dissolved	SAMPLE MEASUREMENT	*****		*****							
01303 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L			Quarterly	GRAB
Silver, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****							
01304 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L			Quarterly	GRAB
Copper, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****							
01306 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L			Quarterly	GRAB
Cadmium, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****							
01313 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L			Quarterly	GRAB
Chromium, trivalent, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****							
01314 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L			Quarterly	GRAB
Lead, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****							
01318 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L			Quarterly	GRAB
Nickel, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****							
01322 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L			Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Miranda Kawcak	Miranda Kawcak	9708202718	01/21/18
TYPED OR PRINTED	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
AFTER COLLECTION OF 12 SAMPLES, PERMITTEE IS REQUIRED TO REQUEST A REASONABLE POTENTIAL ANALYSIS BEPERFORMED.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME: Seneca Coal Co LLC
ADDRESS: PO Box 670
 Hayden, CO 81639-0670
FACILITY: SENECA MINE COMPLEX
LOCATION: 37766 RCR 53
 HAYDEN, CO 81639
ATTN: Scott Cowman/Sr Env Specialist

CO0000221	MINI-1
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
10/01/2017	12/31/2017

DMR Mailing ZIP CODE: 81639
MAJOR ROUTT
 DISCHARGE TO GRASSY CREEK
 External Outfall
 No Discharge ☒

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Selenium, potentially dissolved		*****	*****	*****	*****					
01323 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
Mercury, total [as Hg]	SAMPLE MEASUREMENT	*****	*****	*****	*****					
71900 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  TYPED OR PRINTED	I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 		TELEPHONE	DATE
		AREA Code	NUMBER	9708702718	01/21/18

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 AFTER COLLECTION OF 12 SAMPLES, PERMITTEE IS REQUIRED TO REQUEST A REASONABLE POTENTIAL ANALYSIS BEPERFORMED.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221
PERMIT NUMBER

MN1-3

DISCHARGE NUMBER

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DISCHARGE TO SAGE CREEK

External Outfall

No Discharge ☒

MONITORING PERIOD
MM/DD/YYYY
12/31/2017

MM/DD/YYYY
10/01/2017

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE	UNITS	VALUE			
Arsenic, total recoverable	PERMIT REQUIREMENT	*****	*****	*****						
00978 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	Req. Mon. 30DA AVG	ug/L	Req. Mon. DAILY MX		Quarterly	GRAB
Iron, total recoverable	PERMIT REQUIREMENT	*****	*****	*****						
00980 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	Req. Mon. 30DA AVG	ug/L	Req. Mon. DAILY MX		Quarterly	GRAB
Zinc, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****						
01303 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	Req. Mon. 30DA AVG	ug/L	Req. Mon. DAILY MX		Quarterly	GRAB
Silver, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****						
01304 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	Req. Mon. 30DA AVG	ug/L	Req. Mon. DAILY MX		Quarterly	GRAB
Copper, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****						
01306 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	Req. Mon. 30DA AVG	ug/L	Req. Mon. DAILY MX		Quarterly	GRAB
Cadmium, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****						
01313 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	Req. Mon. 30DA AVG	ug/L	Req. Mon. DAILY MX		Quarterly	GRAB
Chromium, trivalent, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****						
01314 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	Req. Mon. 30DA AVG	ug/L	Req. Mon. DAILY MX		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Miranda Kawcak TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT Miranda Kawcak		TELEPHONE	DATE
				AREA Code 9708702748	NUMBER 01/21/18

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
AFTER COLLECTION OF 12 SAMPLES, PERMITTEE IS REQUIRED TO REQUEST A REASONABLE POTENTIAL ANALYSIS BEPERFORMED.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: Seneca Coal Co LLC

ADDRESS: PO Box 670

Hayden, CO 81639-0670

FACILITY: SENECA MINE COMPLEX

LOCATION: 37766 RCR 53

HAYDEN, CO 81639

ATTN: Scott Cowman/Sr Env Specialist

CO0000221
PERMIT NUMBER

MN1-3
DISCHARGE NUMBER

MM/DD/YYYY
10/01/2017

MONITORING PERIOD
MM/DD/YYYY
12/31/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DISCHARGE TO SAGE CREEK

External Outfall

No Discharge ☒

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS				
01318 10 Effluent Gross Manganese, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****							
01319 10 Effluent Gross Nickel, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****							
01322 10 Effluent Gross Selenium, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****							
01323 10 Effluent Gross Mercury, total [as Hg]	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****							
71900 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Miranda Kowcak TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT Miranda Kowcak	TELEPHONE	DATE
			9708702748 AREA Code NUMBER	01/24/18 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
AFTER COLLECTION OF 12 SAMPLES, PERMITTEE IS REQUIRED TO REQUEST A REASONABLE POTENTIAL ANALYSIS BEPERFORMED.