



Seneca Coal Company

October 25, 2017

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: Third 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
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

DMR Mailing ZIP CODE: 81639
MAJOR ROUTT

DISCHARGE 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	VALUE	UNITS			
pH	*****	*****	*****	*****	*****			
00400 1 0 Effluent Gross	*****	*****	*****	*****	*****			
Solids, settleable	*****	*****	*****	*****	*****			
00545 1 0 Effluent Gross	*****	*****	*****	*****	*****			
Iron, total recoverable	*****	*****	*****	*****	*****			
00980 1 0 Effluent Gross	*****	*****	*****	*****	*****			
Oil and grease	*****	*****	*****	*****	*****			
03582 1 0 Effluent Gross	*****	*****	*****	*****	*****			
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	*****			
50050 1 0 Effluent Gross	*****	*****	*****	*****	*****			
Solids, total dissolved	*****	*****	*****	*****	*****			
70295 1 0 Effluent Gross	*****	*****	*****	*****	*****			
Oil and grease visual	*****	*****	*****	*****	*****			
84066 1 0 Effluent Gross	*****	*****	*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Micarda Kawrak	Micarda Kawrak	9870278	10/23/17
TYPED OR PRINTED		AREA Code	NUMBER
			MMDDYYYY

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.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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	MNO-5
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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	VALUE	UNITS	VALUE	VALUE	UNITS			
Zinc, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
01304 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****					
Copper, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
01306 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****					
01313 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
Chromium, trivalent, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****					
01314 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
Lead, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****					
01318 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****					
Nickel, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****					
	SAMPLE MEASUREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Quarterly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****					

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Miranda Kawrak	Miranda Kawrak	9708702788	10/25/17
TYPED OR PRINTED	AREA Code	NUMBER	MMDDYYYY

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	MNO-5
PERMIT NUMBER	DISCHARGE NUMBER

DMR Mailing ZIP CODE: 81639

MAJOR

ROUTT

DSCHG TO TRIB/DRY CREEK

External Outfall

No Discharge ☒

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE	DATE
Miranda Kawcak	Miranda Kawcak		978702718	12/25/17
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	006-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	MEASUREMENT	*****								
	PERMIT REQUIREMENT	*****	*****		7.97		8.21	0	3/92	INSITU
Solids, settleable	MEASUREMENT	*****	*****	*****	6.5 MINIMUM		MAXIMUM	SU	Monthly	INSITU
	PERMIT REQUIREMENT	*****	*****	*****	*****		<0.40	mL/L	3/92	GRAB
00545 10 Effluent Gross Iron, total recoverable	MEASUREMENT	*****	*****	*****	*****		Req. Mon. 30DA AVG	mL/L	Monthly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****		<100.00	ug/L	3/92	GRAB
00980 10 Effluent Gross Manganese, potentially dissolved	MEASUREMENT	*****	*****	*****	*****		1000 30DA AVG	ug/L	Monthly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****		70.60	ug/L	1/92	GRAB
01319 10 Effluent Gross Selenium, potentially dissolved	MEASUREMENT	*****	*****	*****	*****		Req. Mon. 30DA AVG	ug/L	Quarterly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****		1.20	ug/L	3/92	GRAB
01323 10 Effluent Gross Oil and grease	MEASUREMENT	*****	*****	*****	*****		4.6 30DA AVG	ug/L	Monthly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****		NA	NA	NA	NA
03582 10 Effluent Gross Flow, in conduit or thru treatment plant	MEASUREMENT	*****	*****	*****	*****		10 INST MAX	mg/L	Contingent	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****		*****	*****	3/92	INSTAN
50050 10 Effluent Gross	MEASUREMENT	*****	*****	*****	*****		*****	*****	Monthly	INSTAN
	PERMIT REQUIREMENT	*****	*****	*****	*****		*****	*****	Monthly	INSTAN

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Miranda Kawcak TYPED OR PRINTED	Miranda Kawcak	9708702718	10/25/17
	AREA Code	NUMBER	MMDDYYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
SETTLABLE SOLIDS LIMITS & FINAL TR IRON LIMITS WAIVED FOR >10YR,24HRPRECIP 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

DISCHARGE MONITORING REPORT (DMR)

CO0000221
PERMIT NUMBER

006-A
DISCHARGE NUMBER

DMR Mailing ZIP CODE: 81639
MAJOR ROUTT
DSCHG TO TRIB/DRY CREEK
External Outfall

MM/DD/YYYY
07/01/2017

MONITORING PERIOD
MM/DD/YYYY
09/30/2017

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	*****	*****	*****	*****	4103.33	4110.00	0	3/92	GRAB
Oil and grease visual	SAMPLE MEASUREMENT	*****	0	0	*****	*****	*****	*****	3/92	VISUAL
	PERMIT REQUIREMENT	*****	Req. Mon. INST MAX	Y=1;N=0	*****	*****	*****	*****	Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
Miranda Kawcak	9708702718	10/25/17
TYPED OR PRINTED	AREA Code	NUMBER
	970	8702718
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
Miranda Kawcak		
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 ensure 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.		

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

SETTLABLE SOLIDS LIMITS & FINAL TR IRON LIMITS WAIVED FOR >10YR.24HRPRECIP EVENT SUBJECT OF BURDEN OFFPROOF 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)

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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	008-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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		*****	*****	*****	*****	*****				
00400 10 Effluent Gross Solids, settleable	SAMPLE MEASUREMENT	*****	*****	*****	7.95	*****		0	3/92	INSITU
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM		Monthly	INSITU
	SAMPLE MEASUREMENT	*****	*****	*****						
00545 10 Effluent Gross Iron, total recoverable	PERMIT REQUIREMENT	*****	*****	*****			<0.40	0	3/92	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****			Req. Mon. 30DA AVG		Monthly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****						
00980 10 Effluent Gross Manganese, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****			390.00	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****			1000 30DA AVG		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****						
01319 10 Effluent Gross Selenium, potentially dissolvd	PERMIT REQUIREMENT	*****	*****	*****			98.10	0	1/92	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****			Req. Mon. QRTTR AVG		Quarterly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****						
01323 10 Effluent Gross Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****			1.00	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****			Req. Mon. 30DA AVG		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****						
03582 10 Effluent Gross Flow, in conduit or thru treatment plant	PERMIT REQUIREMENT	*****	*****	*****			NA	0	NA	NA
	SAMPLE MEASUREMENT	*****	*****	*****			10 INST MAX		Contingent	GRAB
	PERMIT REQUIREMENT	*****	*****	*****						
50050 10 Effluent Gross	SAMPLE MEASUREMENT	0.03	0.03	MGD				0	3/92	INSTAN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	MGD					Monthly	INSTAN

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
Miranda Kawcak	9708702718	10/25/17
TYPED OR PRINTED	AREA Code	NUMBER
	9708702718	MMDD/YYYY
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
Miranda Kawcak		

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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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
07/01/2017	09/30/2017

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 70295 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****				0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	3423.33	3570.00		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	0	0	*****	*****	*****	*****	0	3/92
Oil and grease visual 84066 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	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	9108702718	10/25/17
TYPED OR PRINTED	AREA Code	NUMBER	MMDDYYYY

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.

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	*****	*****	*****		*****				
	SAMPLE MEASUREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU	Monthly	INSITU
00545 10 Effluent Gross Oil and grease	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	.5 DAILY MX	mL/L	Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	10 INST MAX	mg/L	Contingent	GRAB
03582 10 Effluent Gross Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT				*****	*****		*****		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****				
	SAMPLE MEASUREMENT				*****	*****		*****	Monthly	INSTAN
00050 10 Effluent Gross Solids, total dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	*****				
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****				
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. QTR AVG	mg/L	Quarterly	GRAB
00295 10 Effluent Gross Oil and grease visual	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		*****		
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****				
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****		*****	Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Miranda Kaweak
TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Miranda Kaweak

TELEPHONE
9708702748

DATE
10/25/17

AREA Code
NUMBER
MMDDYYYY

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

CO0000221
PERMIT NUMBER

010-A

DISCHARGE NUMBER

MONITORING PERIOD
MM/DD/YYYY
07/01/2017MM/DD/YYYY
09/30/2017

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	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****		*****				
00400 1 0 Effluent Gross Solids, settleable	PERMIT REQUIREMENT	*****	*****	*****	7.67	*****	7.97	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	.5 DAILY MX	mL/L	Monthly	GRAB
00545 1 0 Effluent Gross Iron, total recoverable	PERMIT REQUIREMENT	*****	*****	*****	*****	*****				
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	120.00	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	1000 30DA AVG	Req. Mon. DAILY MX	ug/L	Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	<0.80	0	3/92	GRAB
01306 1 0 Effluent Gross Copper, potentially dissolved	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.40	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.40	0	3/92	GRAB
01323 1 0 Effluent Gross Oil and grease	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. DAILY MX		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	NA	0	NA	NA
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	10 INST MAX		Contingent	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****		
03582 1 0 Effluent Gross Flow, in conduit or thru treatment plant	PERMIT REQUIREMENT	*****	*****	*****	*****	*****		0	3/92	INSTAN
	SAMPLE MEASUREMENT	0.03	0.03	MGD	*****	*****			Monthly	INSTAN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****			
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			

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.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Miranda Kawcak

TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Miranda Kawcak

TELEPHONE

DATE

9108702718

10/25/17

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)

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	010-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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			
Solids, total dissolved 70295 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	0	*****	*****	*****	*****	0	3/92	VISUAL
Oil and grease visual 84066 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. INST MAX	*****	*****	*****	*****		Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Micarda Kawrak	Micarda Kawrak	970870 2718	10/25/17
TYPED OR PRINTED	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.

CO0000221	011-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
00400 10 Effluent Gross Solids, settleable	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	9 MAXIMUM	SU		Monthly	INSITU
	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	mL/L		Monthly	GRAB
00980 10 Effluent Gross Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****		1000 30DA AVG	ug/L		Monthly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****						
03582 10 Effluent Gross Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	*****	*****	*****					Contingent	GRAB
	PERMIT REQUIREMENT	*****	*****	*****		10 INST MAX	mg/L			
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	MGD	*****	*****	*****		Monthly	INSTAN
00050 10 Effluent Gross Solids, total dissolved	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. QTR AVG	mg/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT		Req. Mon. INST MAX	Y=1;N=0	*****	*****	*****		Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE		DATE
Miranda Kaurak	970-870-2718	10/25/17	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		MM/DD/YYYY
	Miranda Kaurak		MM/DD/YYYY

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
07/01/2017	09/30/2017

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	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****							
01304 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****							
Copper, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****							
01306 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****							
01313 10 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****							
	SAMPLE MEASUREMENT	*****	*****	*****							
Chromium, trivalent, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****							
01314 10 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****							
Lead, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****							
01318 10 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****							
Nickel, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****							
01322 10 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****							
	PERMIT REQUIREMENT	*****	*****	*****		Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****							

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Miranda Kawcak	Miranda Kawcak	4808702418	10/25/17
TYPED OR PRINTED	AREA Code	NUMBER	MMDDYYYY

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

MN1-1
DISCHARGE NUMBER

MM/DD/YYYY
07/01/2017

MONITORING PERIOD
MM/DD/YYYY
09/30/2017

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			
Selenium, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
Mercury, total [as Hg]	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	TELEPHONE	DATE
Miranda Kaweah	9108702718	10/25/17
TYPED OR PRINTED	AREA Code	NUMBER
		MMDDYYYY
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
Miranda Kaweah		

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 NUMBER

012-A

DISCHARGE NUMBER

MONITORING PERIOD

MM/DD/YYYY

MM/DD/YYYY

07/01/2017

09/30/2017

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	MEASUREMENT	*****	*****	7.89	*****	*****	7.99	0	3/92	INSITU
00400 10 Effluent Gross Solids, settleable	PERMIT REQUIREMENT	*****	*****	6.5 MINIMUM	*****	*****	9 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	*****	*****	*****	*****	*****	200.00	0	3/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1000 30DA AVG		Monthly	GRAB
01319 10 Effluent Gross Selenium, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	130.00	0	1/92	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	Req. Mon. QTR AVG		Quarterly	GRAB
01323 10 Effluent Gross Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	0.80	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	*****	*****	*****	*****	*****	NA	0	NA	NA
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	10 INST MAX		Contingent	GRAB
50050 10 Effluent Gross	SAMPLE MEASUREMENT	0.08	MGD	0.08	*****	*****	*****	0	3/92	INSTAN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	MGD	Req. Mon. DAILY MX	*****	*****	*****		Monthly	INSTAN

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.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Miranda Kawrak
TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Miranda Kawrak

TELEPHONE
9708702718
DATE
10/25/17

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.

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	012-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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	*****	*****	*****	*****	3240.00	3360.00	mg/L	0 3/92	GRAB
Oil and grease visual	SAMPLE MEASUREMENT	*****	0	0	*****	Req. Mon. QTR AVG	Req. Mon. DAILY MX	*****		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	TELEPHONE	DATE
Miranda Kawrak	9708702748	10/25/17
TYPED OR PRINTED	AREA Code	NUMBER
	970	8702748
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		
Miranda Kawrak		

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.

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

013-A

DISCHARGE NUMBER

MONITORING PERIOD

MM/DD/YYYY

MM/DD/YYYY

07/01/2017

09/30/2017

DMR Mailing ZIP CODE: 81639

MAJOR

ROUT

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	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
00400 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			
Solids, settleable	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
00545 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			
Iron, total [as Fe]	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
01045 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			
Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
03582 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
50050 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			
Solids, total dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
70295 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			
Oil and grease visual	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****			
84066 10 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Miranda Kawcak</i>	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Miranda Kawcak</i>	TELEPHONE	DATE
		9708702718	10/25/17
TYPED OR PRINTED		AREA Code	NUMBER
			MMDDYY

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 BURDE 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
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
07/01/2017

MONITORING PERIOD
MM/DD/YYYY
09/30/2017

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				
00978 1 0 Effluent Gross	Arsenic, total recoverable	*****	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****	*****						
00980 1 0 Effluent Gross	Iron, total recoverable										
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01303 1 0 Effluent Gross	Zinc, potentially dissolved										
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01304 1 0 Effluent Gross	Silver, potentially dissolved										
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01306 1 0 Effluent Gross	Copper, potentially dissolved										
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01313 1 0 Effluent Gross	Cadmium, potentially dissolved										
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01314 1 0 Effluent Gross	Chromium, trivalent, potentially dissolved										
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****	*****						

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Miranda Kawrak	Miranda Kawrak	9708702718	10/25/17
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)
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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	MN1-3
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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			
Lead, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
01318 10 Effluent Gross Manganese, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
01319 10 Effluent Gross Nickel, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
01322 10 Effluent Gross Selenium, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
01323 10 Effluent Gross Mercury, total [as Hg]	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB
71900 10 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	ug/L		Quarterly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Miranda Kawcak	Miranda Kawcak	9708702748	10/25/17
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	014-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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	*****		*****						
	PERMIT REQUIREMENT	*****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU	Monthly	INSITU
00545 1 0 Effluent Gross Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****						
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	.5 DAILY MX	mL/L	Monthly	GRAB
03582 1 0 Effluent Gross Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	*****	*****	*****	*****					
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	10 INST MAX	mg/L	Contingent	GRAB
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	Req. Mon. DAILY MX	mg/L	Quarterly	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****		
84066 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. INST MAX	Y=1;N=0	*****	*****	*****	*****	Monthly	VISUAL
	SAMPLE MEASUREMENT	*****			*****	*****	*****	*****		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Miranda Kawcak	Miranda Kawcak	9708702718	10/25/17
TYPED OR PRINTED		AREA Code	NUMBER
			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 - 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	015-A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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	*****		*****	8.42		8.68	SU	0	3/92
	SAMPLE MEASUREMENT	*****		*****	6.5 MINIMUM		MAXIMUM	SU		Monthly
00545 1 0 Effluent Gross Oil and grease	SAMPLE MEASUREMENT	*****		*****						
	PERMIT REQUIREMENT	*****		*****						
	SAMPLE MEASUREMENT	*****		*****						
03582 1 0 Effluent Gross Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.02	0.02	MGD					0	3/92
	PERMIT REQUIREMENT	*****	Req. Mon. 30DA AVG	*****						Monthly
	SAMPLE MEASUREMENT	*****		*****						
50050 1 0 Effluent Gross Solids, total dissolved	SAMPLE MEASUREMENT	*****		*****						
	PERMIT REQUIREMENT	*****	Req. Mon. 30DA AVG	*****						
	SAMPLE MEASUREMENT	*****		*****						
70295 1 0 Effluent Gross Oil and grease visual	SAMPLE MEASUREMENT	*****		*****						
	PERMIT REQUIREMENT	*****	Req. Mon. 30DA AVG	*****						
	SAMPLE MEASUREMENT	*****		*****						
84066 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	0	0					0	3/92
	PERMIT REQUIREMENT	*****	Req. Mon. INST MAX	*****						Monthly
	SAMPLE MEASUREMENT	*****		*****						

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Miranda Kawcak	Miranda Kawcak	970870248	10/25/17
TYPED OR PRINTED	AREA Code	NUMBER	MMDD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
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/HUBBERSON GULCH
External Outfall

CO0000221
PERMIT NUMBER
016-A
DISCHARGE NUMBER
MM/DD/YYYY
07/01/2017
MONITORING PERIOD
MM/DD/YYYY
09/30/2017

No Discharge

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	*****	*****	*****	8.12	*****	SU	0	3/92	INSITU
00400 10 Effluent Gross	*****	*****	*****	6.5 MINIMUM	*****	SU	0	Monthly	INSITU
Solids, settleable	*****	*****	*****	*****	*****	mL/L	0	3/92	GRAB
00545 10 Effluent Gross	*****	*****	*****	*****	*****	mL/L	0	Monthly	GRAB
Iron, total recoverable	*****	*****	*****	*****	*****	ug/L	0	3/92	GRAB
00980 10 Effluent Gross	*****	*****	*****	*****	*****	ug/L	0	Monthly	GRAB
Selenium, potentially dissolved	*****	*****	*****	*****	*****	ug/L	0	3/92	GRAB
01323 10 Effluent Gross	*****	*****	*****	*****	*****	ug/L	0	Monthly	GRAB
Oil and grease	*****	*****	*****	*****	*****	mg/L	0	Contingent	GRAB
03582 10 Effluent Gross	*****	*****	*****	*****	*****	*****	0	3/92	INSTAN
Flow, in conduit or thru treatment plant	*****	*****	*****	*****	*****	*****	0	Monthly	INSTAN
50050 10 Effluent Gross	*****	*****	*****	*****	*****	mg/L	0	3/92	GRAB
Solids, total dissolved	*****	*****	*****	*****	*****	mg/L	0	Quarterly	GRAB
70295 10 Effluent Gross	*****	*****	*****	*****	*****	*****	0	3/92	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Miranda Kawcak
TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Miranda Kawcak

TELEPHONE
9708702718

DATE
10/25/17

AREA Code
NUMBER
MM/DD/YYYY

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	016-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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	UNITS	VALUE	VALUE	UNITS	VALUE			
Oil and grease visual		*****		*****	*****	*****	*****			
84066 10 Effluent Gross	PERMIT REQUIREMENT	*****	0	*****	*****	*****	*****	0	3/92 Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Miranda Kawcak TYPED OR PRINTED	Miranda Kawcak	970 870 2718	10/25/17
		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.

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	017-A
PERMIT NUMBER	DISCHARGE NUMBER
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017

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	VALUE	UNITS	VALUE	VALUE	UNITS			
pH	*****		*****	8.53	*****		0	2/92	INSITU
00400 10 Effluent Gross Solids, settleable	*****		*****	6.5 MINIMUM	*****			Monthly	INSITU
00545 10 Effluent Gross Iron, total recoverable	*****		*****	*****	<0.40	mL/L	0	2/92	GRAB
00980 10 Effluent Gross Selenium, potentially dissolved	*****		*****	*****	Req. Mon. 30DA AVG	mL/L		Monthly	GRAB
01323 10 Effluent Gross Oil and grease	*****		*****	*****	450.00	ug/L	0	2/92	GRAB
03582 10 Effluent Gross Flow, in conduit or thru treatment plant	*****		*****	*****	1000	ug/L		Monthly	GRAB
50050 10 Effluent Gross Solids, total dissolved	0.02	0.02	MGD	*****	1.80	ug/L	0	2/92	GRAB
70295 10 Effluent Gross	*****	Req. Mon. 30DA AVG	*****	*****	Req. Mon. 30DA AVG	ug/L		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Micarda Kawcak	Micarda Kawcak	9708702788	10/25/17
TYPED OR PRINTED	AREA Code	NUMBER	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	017-A
PERMIT NUMBER	DISCHARGE NUMBER
MM/DD/YYYY	MM/DD/YYYY
07/01/2017	09/30/2017
MONITORING PERIOD	

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	UNITS	VALUE	VALUE	VALUE	UNITS			
Oil and grease visual	84066 10	*****	0	*****	*****	*****	*****	0	2/92	VISUAL
	Effluent Gross	*****	Req. Mon. INST MAX	*****	*****	*****	*****		Monthly	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Miranda Kawcak TYPED OR PRINTED	Miranda Kawcak	9708702718	10/25/17
		AREA Code	NUMBER
			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.