

Seneca Coal Company

November 18, 2020

Robin Reilly Colorado Division of Reclamation, Mining and Safety 1313 Sherman Street, Room 215 Denver, CO 80203

RE: Seneca II W Mine, Permit C-82-057, Fourth Quarter 2020 IIR

Dear Robin:

In accordance with Rule 4.05.9(17), please find enclosed the Seneca II West Mine (SIIW) Impoundment Inspection Report (IIR) and Impoundment Inspection Log (IIL). Please contact me with any comments and/or questions.

Sincerely,

Miranda Kawcak

Miranda Kawcak Environmental Manager Peabody, Colorado Operations

Enclosure: SIIW IIR

Mining Area	Seneca II West Mine	Facility Co	onfiguration	Cross	s-Vally Pond								
Date Inspected	10/22/2020	Date Last	Inspected	9/	24/2020								
Impoundment	Pond #005	Pond I	Location NW% SW%, Sec. 10, T5N		Sec. 10, T5N, R88W	Qua	rterly Impoundment Inspection Form						
NPDES ID No	CMLRD Permit No. C-82-057	Site L	ocation	8 mi. S	of Hayden, CO								
Owner's Rep	Miranda Kawcak	Insp	ector		on Herden								
	Mark or Write in Appropriate Response:												
	FEATURE				BLEM		COMMENTS						
			YES (At	oove)	NO (Belo	ow)							
GENERAL													
,	below principal spillway)	_			X		Water level 2.8 feet below spillway						
Existing Embankment	Freeboard (7.4 ft)	L	8.4										
Outflow (gpm)					X		0						
EROSION	1 1 .	1											
Rills & Gullies on Em	bankment	-			X		4						
Wave Erosion		F			X		4						
Spillway Erosion		-			X		4						
Burrows Other		-			X		4						
STRUCTURAL					Α								
Differential Settling					Х								
Cracks or Slides		-			X		-						
Seepage Seepage		-			X		-						
Other		-			X		†						
STRUCTURES													
Principal Spillway													
Clogged Orifice					Х								
Clogged or Damage	ed Culvert				Х								
Damaged Headgate	;				NA		1						
Emergency Spillway		•											
Erosion			-		X								
Riprap					Х								
Clogged or Damage	d Culvert				X								
Other					X								
MAINTENACE													
Maintenance Required					X		Spring below dam, no impact to pond						
Maintenance Performe	ed	Ļ			Х		4						
Additional Comments			X										

Mining Area	Seneca II West Mine	Facility C	onfiguration	Cross	-Vally Pond									
Date Inspected	10/22/2020	Date Las	t Inspected	Inspected 9/24/2020										
Impoundment	Pond #006	Pond 1	Location	ocation NW% NW%, Sec. 22, T		Quai	rterly Impoundment Inspection Form							
NPDES ID No	CO-0000221 D.P. 006	Site I	ocation	8 mi. S d	of Hayden, CO	•								
Owner's Rep	Miranda Kawcak	Insp	pector	Jaso	on Herden									
	Mark or Write in Appropriate Response: FEATURE PROBLEM COMMENTS													
	FEATURE						COMMENTS							
			YES (Al	oove)	NO (Belo	w)								
GENERAL No. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.														
11	r below principal spillw	ay)	X				water level 0.1 feet above spillway							
Existing Embankment	t Freeboard (7.5 ft)		7.5											
Outflow (gpm)			X				78.9							
EROSION														
Rills & Gullies on Em	bankment				Х									
Wave Erosion		ļ			Х									
Spillway Erosion					X									
Burrows		ļ		X										
Other			X											
STRUCTURAL														
Differential Settling		ļ			Х									
Cracks or Slides		ļ		Х										
Seepage			X											
Other					Х									
STRUCTURES														
Principal Spillway		1		-										
Clogged Orifice	101				X									
Clogged or Damag					X									
Damaged Headgate	e				NA									
Emergency Spillway Erosion		ı			v									
		-			X									
Riprap	ad Culturant	-			X									
Clogged or Damage	ea Cuivert	-			X									
Other MAINTENACE					Х									
Maintenance Required	4	1			V		Sluff on south side above pand on hill surrently not affecting							
Maintenance Required		}			X		Sluff on south side above pond on hill, currently not affecting							
Additional Comments		ŀ	Х		X		pond. Will continue to monitor.							
Additional Comments	i		X											

Mining Area	Seneca II West Mine	Facility C	Configuration	Cross-	Vally Pond		
Date Inspected	10/22/2020	-	st Inspected		24/2020		
Impoundment	Pond #009	Pond	Location	SE¼ SW¼, Se	SE¼ SW¼, Sec. 11, T5N, R88W		rterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 009	Site 1	Location	8 mi. S o	8 mi. S of Hayden, CO		- · · · · · · · · · · · · · · · · · · ·
Owner's Rep	Miranda Kawcak	Ins	pector	Jasoi	n Herden		
•			Marl	or Write	in Appropriat	e Respons	se:
	FEATURE				BLEM	•	COMMENTS
			YES (At	oove)	NO (Belo	ow)	
GENERAL							
Water Level (above or	below principal spillwa	ay)			Х		Water level 0.5 feet below top of pipe
Existing Embankment	Freeboard (6.9 ft)		7.4				
Outflow (gpm)					Х		0
EROSION							
Rills & Gullies on Em	bankment				X		
Wave Erosion					X		
Spillway Erosion					X		
Burrows				X			
Other					X		
STRUCTURAL							
Differential Settling					X		
Cracks or Slides					X		
Seepage					X		
Other					X		
STRUCTURES							
Principal Spillway							
Clogged Orifice					X		
Clogged or Damag					X		
Damaged Headgate	2				NA		
Emergency Spillway							
Erosion					X		
Riprap					X		
Clogged or Damage	ed Culvert				X		
Other					X		
MAINTENACE			ı				
Maintenance Required					X		
Maintenance Performe					X		
Additional Comments					Х		

3.51	1	ID 1114 C	y 6t /*	_								
Mining Area	Seneca II West Mine	•	~		-Vally Pond							
Date Inspected	10/22/2020		st Inspected		24/2020	_						
Impoundment	Pond #015	4	Location		ec. 23, T5N, R88W	Qua	rterly Impoundment Inspection Form					
NPDES ID No	CO-0000221 D.P. 015	Site 1	Location	8 mi. S c	of Hayden, CO		-					
Owner's Rep	Miranda Kawcak	Ins	spector		n Herden							
			Mark		in Appropriat	e Respons						
	FEATURE			PRO	BLEM		COMMENTS					
			YES (Ab	oove)	NO (Bel	ow)						
GENERAL												
Water Level (above or	r below principal spillw	ay)	Х				water level 0.1 feet above spillway					
Existing Embankment	t Freeboard (4.0 ft)		4.0									
Outflow (gpm)			X				1					
EROSION												
Rills & Gullies on Em	bankment				X							
Wave Erosion					X							
Spillway Erosion					X							
Burrows					Х							
Other					Х							
STRUCTURAL												
Differential Settling					Х							
Cracks or Slides					Х							
Seepage			X									
Other					Х							
STRUCTURES												
Principal Spillway			•									
Clogged Orifice					Х							
Clogged or Damag					Х							
Damaged Headgate	e				NA							
Emergency Spillway			1		T							
Erosion					Х							
Riprap					Х							
	Clogged or Damaged Culvert				Х							
Other					Х							
MAINTENACE					1							
Maintenance Required					Х							
Maintenance Perform	ed				Х							
A 11141 1 C			i									

Additional Comments

	1	- n	~ 60 40				
Mining Area	Seneca II West Mine				ally Pond		
Date Inspected	10/22/2020		st Inspected	9/24	1/2020	_	
Impoundment	Pond #016	Pond	Location	NE¼ SE¼, Sec	27, T5N, R88W	Quai	rterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 016	Site	Location	8 mi. S of	Hayden, CO		
Owner's Rep	Miranda Kawcak	Ins	spector	Jason	Herden		
			Mark	or Write i	n Appropria	ite Respor	nse:
	FEATURE			PROB	LEM		COMMENTS
			YES (Al	oove)	NO (Be	elow)	
GENERAL							
	r below principal spillw	ay)	Х				water level 0.1 feet above spillway
Existing Embankmen	t Freeboard (6.8 ft)		6.8				
Outflow (gpm)			X				73.7
EROSION							
Rills & Gullies on En	nbankment				X		
Wave Erosion					X		
Spillway Erosion					X		
Burrows					X		
Other				X			
STRUCTURAL							
Differential Settling					X		
Cracks or Slides					X		
Seepage					X		
Other							
STRUCTURES							
Principal Spillway							
Clogged Orifice					X		
	Clogged or Damaged Culvert				X		
Damaged Headgat	e				N/	١	
Emergency Spillway			_				
Erosion					Х		
Riprap					Х		
C1 1 D							

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Clogged or Damaged Culvert

Other

MAINTENACE
Maintenance Required

Maintenance Performed Additional Comments

Mining Area	Seneca II West Mine	Facility (Configuration	Cross-	-Vally Pond		
Date Inspected	10/22/2020	Date La	•		24/2020		
Impoundment	Pond #017	Pond	-		ec. 34, T5N, R88W	Oua	rterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 017	Site	Location	8 mi. S o	of Hayden, CO		J President April 1
Owner's Rep	Miranda Kawcak	Ins	spector	Jaso	n Herden		
			Mark	or Write	in Appropriate	e Respons	se:
1	FEATURE			PRO	BLEM		COMMENTS
			YES (At	ove)	NO (Belo	ow)	
GENERAL							
Water Level (above or	below principal spillw	ay)	X				water level 0.06 feet above spillway
Existing Embankment	Freeboard (3.1 ft)		3.1				
Outflow (gpm)			X				1.6
EROSION							
Rills & Gullies on Emb	oankment				X		
Wave Erosion					X		
Spillway Erosion					X		
Burrows			X				
Other					X		
STRUCTURAL							
Differential Settling					Х		
Cracks or Slides					Х		
Seepage					X		
Other					X		
STRUCTURES							
Principal Spillway			1		•		
Clogged Orifice					Х		
Clogged or Damage					X		
Damaged Headgate					NA		
Emergency Spillway			T	1			
Erosion					X		
Riprap					X		
Clogged or Damageo	d Culvert				X		
Other					X		
MAINTENACE			1				
Maintenance Required	1				X		
Maintenance Performed	a				X		
Additional Comments					X		

Mining Area	Seneca II West Mine	Facility C	Configuration Stockpond				
Date Inspected	10/22/2020		st Inspected	9/2	24/2020		
Impoundment	Stock Tank T-2	Pond	Location	NW¼SW¼, Sec 22, T5N, R88W		Qua	rterly Impoundment Inspection Form
NPDES ID No	N/A	Site 1	Location	8 mi S of	f Hayden, CO	•	v 1
Owner's Rep	Miranda Kawcak	Ins	pector		n Herden		
		e:					
	FEATURE				BLEM		COMMENTS
			YES (Ab	ove)	NO (Belo	ow)	
GENERAL							
	below principal spillw	ay)			X		Dry
EROSION							
Rills & Gullies on Em	bankment				X		
Wave Erosion					Х		
Spillway Erosion					Х		
Burrows					X		
	Other				X		
STRUCTURAL							
Differential Settling					Х		
Cracks or Slides				X			
Seepage			Х				
Other			X				
STRUCTURES							
Principal Spillway				1			
Clogged Orifice					NA		
Clogged or Damage			NA NA				
Damaged Headgate	<u> </u>				NA		
Emergency Spillway							
Erosion					X		
Riprap			X				
Clogged or Damage Other	NA Y						
MAINTENACE					Х		
Maintenance Required				1	V		
Maintenance Required				X X			
Additional Comments	cu				X		
Additional Comments					Λ		

Mining Area	Seneca II West Mine	Facility C	Configuration	Sto	ckpond							
Date Inspected	10/22/2020	Date La	st Inspected	9/2	24/2020							
Impoundment	Stock Tank T-3	Pond	Location	NW¼SE¼, S	NW%SE%, Sec 22, T5N, R88W		rterly Impoundment Inspection Form					
NPDES ID No	N/A	Site 1	Location	8 mi S of	f Hayden, CO	Q 0	p p p p					
Owner's Rep	Miranda Kawcak	Ins	spector		n Herden							
•			Mark	or Write	in Appropriat	e Respons	e:					
	FEATURE				BLEM	•	COMMENTS					
			YES (At	oove)	NO (Bel	ow)						
GENERAL												
Water Level (above or	below principal spillw	ay)			Х		Dry					
EROSION												
Rills & Gullies on Em	bankment				X							
Wave Erosion					X							
Spillway Erosion					Х							
Burrows					Х							
Other					Х							
STRUCTURAL			T									
Differential Settling					Х							
Cracks or Slides					X							
Seepage				X								
Other STRUCTURES					Х							
Principal Spillway												
Clogged Orifice			1		NA							
Clogged or Damage	nd Culvert				NA NA							
Damaged Headgate					NA NA							
Emergency Spillway			1		IVA							
Erosion					Х							
Riprap					X							
Clogged or Damage	d Culvert				NA							
Other					Х							
MAINTENACE			•									
Maintenance Required					Х							
Maintenance Performe	d				Х							
Additional Comments					Х							

Mining Area	Seneca II West Mine		eneca II West Mine Facility Configuration									
Date Inspected	10/22/2020		st Inspected	9/24	/2020							
Impoundment	Stock Tank T-5	Pond	Location	NE¼ Sec 22	2, T5N, R88W	Qua	rterly Impoundment Inspection Form					
NPDES ID No	N/A	Site 1	Location	8 mi S of I	Hayden, CO							
Owner's Rep	Miranda Kawcak	Ins	pector	Jason	Herden							
Mark or Write in Appropriate Response:												
	FEATURE			PROB			COMMENTS					
			YES (Al	oove)	NO (Be	elow)						
GENERAL	GENERAL											
Water Level (above or	r below principal spillw	ay)			Х		4 feet below spillway					
EROSION												
Rills & Gullies on Em	bankment				Х							
Wave Erosion					Х							
Spillway Erosion					Х							
Burrows					Х							
Other				X								
STRUCTURAL												
Differential Settling					Х							
Cracks or Slides					Х							
Seepage					Х							
Other					Х							
STRUCTURES												
Principal Spillway			T		ı							
Clogged Orifice					N/							
Clogged or Damag					N/	١						
Damaged Headgate	e				N/	١						
Emergency Spillway			ı		ı							
Erosion					Х							
Riprap					Х							
Clogged or Damage	ed Culvert				N.A							
Other					Х							
MAINTENACE			ı									
Maintenance Required					Х							
Maintenance Performe					Х							
Additional Comments					Х							

Mining Area	Seneca II West Mine	Facility C	Configuration	Sto	ckpond								
Date Inspected	10/22/2020	Date La	st Inspected	9/2	4/2020								
Impoundment	Stock Tank T-18	Pond	Location	NW¼NE¼, Sec 15, T5N, R88W		Qua	rterly Impoundment Inspection Form						
NPDES ID No	N/A	Site	Location	8 mi S of	Hayden, CO	•							
Owner's Rep	Miranda Kawcak	Ins	pector	Jasor	n Herden								
	Mark or Write in Appropriate Response:												
	FEATURE			PROI	BLEM		COMMENTS						
			YES (At	ove)	NO (Bel	ow)							
GENERAL													
Water Level (above or	below principal spillw	ay)			Х		Dry						
EROSION													
Rills & Gullies on Em	bankment				X								
Wave Erosion					Х								
Spillway Erosion					X								
Burrows					X								
Other	Other				Х								
STRUCTURAL													
Differential Settling			X										
Cracks or Slides			X										
Seepage			X										
Other			Х										
STRUCTURES													
Principal Spillway			1										
Clogged Orifice					NA								
Clogged or Damage					NA								
Damaged Headgate	<u> </u>				NA								
Emergency Spillway			T	1		1							
Erosion					X								
Riprap					X								
	Clogged or Damaged Culvert				NA								
Other			Х										
MAINTENACE			I	-									
Maintenance Required				X									
Maintenance Performe	ea				X								
Additional Comments					Х								

Mining Area	Seneca II West Mine	Facility C	onfiguration	Sto	ckpond							
Date Inspected	10/22/2020		st Inspected		24/2020							
Impoundment	Stock Tank T-20		Location	NW¼NE¼, Sec 15, T5N, R88W		Onai	rterly Impoundment Inspection Form					
NPDES ID No	N/A		ocation		f Hayden, CO	Qua	terry impoundment inspection 1 orm					
Owner's Rep	Miranda Kawcak	Ins	pector		n Herden							
o wher strep	Timuruu navoun				in Appropriat	e Respons	se:					
	FEATURE		172412		BLEM	e respon	COMMENTS					
			YES (At	oove)	NO (Bel	ow)						
GENERAL												
Water Level (above or	below principal spillwa	ay)			Х		Dry					
EROSION							·					
Rills & Gullies on Em	bankment				Х							
Wave Erosion					Х							
Spillway Erosion					X							
Burrows					X							
Other					Х							
STRUCTURAL												
Differential Settling					Х							
Cracks or Slides				X								
Seepage			X									
Other					Х							
STRUCTURES												
Principal Spillway												
Clogged Orifice	101				NA							
Clogged or Damage					NA NA							
Damaged Headgate Emergency Spillway	<u> </u>				NA							
Erosion					Х							
Riprap					X							
* *	Clogged or Damaged Culvert				NA NA							
Other	a Carvett			X								
MAINTENACE												
Maintenance Required					Х							
Maintenance Performe					X							
Additional Comments					Х							

Mining Area	Seneca II West Mine	Facility C	Configuration	Sto	ckpond		
Date Inspected	10/22/2020	Date La	st Inspected	9/2	4/2020		
Impoundment	Stock Tank T-22	Pond	Location	SE¼SW¼, Se	SE%SW%, Sec 10, T5N, R88W		rterly Impoundment Inspection Form
NPDES ID No	N/A	Site 1	Location	8 mi S of Hayden, CO		•	<i>v</i> 1
Owner's Rep	Miranda Kawcak	Ins	pector	Jasor	n Herden		
			Mark	or Write	in Appropria	e Respons	se:
	FEATURE			PROI	BLEM		COMMENTS
			YES (At	oove)	NO (Bel	ow)	
GENERAL							
Water Level (above or	below principal spillwa	ay)			Х		
EROSION							
Rills & Gullies on Em	bankment				X		
Wave Erosion					X		
Spillway Erosion					X		
Burrows					X		
Other					X		
STRUCTURAL							
Differential Settling			X X				
Cracks or Slides							
Seepage			X				
Other				Х			
STRUCTURES							
Principal Spillway							
Clogged Orifice				NA			
Clogged or Damage			NA				
Damaged Headgate	:				NA		
Emergency Spillway			1		1		
Erosion					Х		
Riprap			Х				
Clogged or Damage	d Culvert		NA				
Other					Х		
MAINTENACE			1				
Maintenance Required	1			X			
Maintenance Performe	ed		X				
Additional Comments					X		

Mining Area	Seneca II West Mine	Facility (Configuration	Stockpond			
Date Inspected	10/22/2020		st Inspected	9/24/2020			
Impoundment	Stock Tank T-24		Location	SW¼NE¼, Sec 9, T5N, R88		Onai	rterly Impoundment Inspection Form
NPDES ID No	N/A		Location	8 mi S of Hayden, CO		Quai	terry impoundment inspection form
Owner's Rep	Miranda Kawcak		spector		Herden		
owner sheep	Will diffed Reweak		_		n Appropriat	e Resnons	se:
	FEATURE		1,14111	PROB		e respon	COMMENTS
			YES (Ab	ove)	NO (Bel	ow)	
GENERAL			,	,	<u> </u>	,	
Water Level (above or	below principal spillw	ay)			Х		Dry
EROSION							
Rills & Gullies on Em	bankment				Х		
Wave Erosion					Х		
Spillway Erosion					X		
Burrows				Х			
Other				X			
STRUCTURAL							
Differential Settling				X			
Cracks or Slides				X			
Seepage				X			
Other					X		
STRUCTURES							
Principal Spillway			1	1			
Clogged Orifice	101			NA			
Clogged or Damage				NA NA			
Damaged Headgate	<u> </u>				NA		
Emergency Spillway Erosion			1		Х		
Riprap			X				
	Clogged or Damaged Culvert		NA				
	Other		X				
MAINTENACE							
Maintenance Required			Х				
Maintenance Performe				X			
Additional Comments					X		

Mining Area	Seneca II West Mine	Facility Configuration		Stockpond				
Date Inspected	10/22/2020	Date La	st Inspected	9/2	4/2020			
Impoundment	Stock Tank T-25	Pond	Location	SW¼NE¼, Sec 34, T5N, R88W		Qua	rterly Impoundment Inspection Form	
NPDES ID No	N/A	Site	Location	8 mi S of Hayden, CO		•	<i>y</i> 1	
Owner's Rep	Miranda Kawcak	Ins	spector	Jasor	Jason Herden			
	Mark or Write in Appropriate Response:							
	FEATURE				BLEM		COMMENTS	
			YES (Ab	oove)	NO (Bel	ow)		
GENERAL								
Water Level (above or	below principal spillwa	ay)			N/A			
EROSION								
Rills & Gullies on Em	bankment				N/A			
Wave Erosion					N/A			
Spillway Erosion					N/A			
Burrows					N/A			
Other					N/A			
STRUCTURAL			T					
Differential Settling				N/A				
Cracks or Slides				N/A				
Seepage				N/A				
Other					N/A			
STRUCTURES								
Principal Spillway			1					
Clogged Orifice				N/A N/A				
Clogged or Damage								
Damaged Headgate)				N/A			
Emergency Spillway			I		p. / a			
Erosion				N/A				
* *	Riprap Clogged or Damaged Culvert				N/A N/A			
	Other			N/A N/A				
MAINTENACE					N/A			
Maintenance Required			I		Х		DAM REMOVED FALL 2011, REBUILT IN 2012 AS A RUNOFF	
Maintenance Required					X		CONTROL STURCURE (PM1-A3)	
Additional Comments	zu .		Х				CONTROL STURCURE (PIVIT-AS)	
Additional Comments	Additional Comments X							

Mining Area	Seneca II West Mine	Facility C	onfiguration Sto		ckpond				
Date Inspected	10/22/2020	Date Las			24/2020				
Impoundment	Stock Tank T-26	Pond	Location	NE¼NW¼, S	ec 35, T5N, R88W	Qua	rterly Impoundment Inspection Form		
NPDES ID No	N/A	Site l	Location	8 mi S of	f Hayden, CO	•	<i>y</i> 1		
Owner's Rep	Miranda Kawcak	Ins	pector	Jasoi	n Herden				
	Mark or Write in Appropriate Response:								
	FEATURE			PRO	BLEM		COMMENTS		
			YES (At	ove)	NO (Bel	ow)			
GENERAL									
Water Level (above or	below principal spillw	ay)			Х		Water 3.2 feet below spillway		
EROSION									
Rills & Gullies on Em	bankment				Х				
Wave Erosion					Х				
Spillway Erosion					X				
Burrows					Х				
Other					Х				
STRUCTURAL									
Differential Settling			Х						
Cracks or Slides			X						
Seepage					Х				
Other					Х				
STRUCTURES									
Principal Spillway			T	1	•				
Clogged Orifice			NA						
Clogged or Damage			N						
Damaged Headgate					NA				
Emergency Spillway			ı						
Erosion				X					
Riprap				X					
	Clogged or Damaged Culvert			NA					
Other					Х				
MAINTENACE			ı						
Maintenance Required				X					
Maintenance Performe					X				
Additional Comments					Х				

Mining Area	Seneca II West Mine	Facility Configuration		Stockpond			
Date Inspected	10/22/2020	Date La	st Inspected	9/:	24/2020		
Impoundment	Stock Tank T-27	Pond	Location	NW¼NW¼, Sec 35, T5N, R88W		Qua	rterly Impoundment Inspection Form
NPDES ID No	N/A	Site 1	Location	8 mi S of Hayden, CO		•	
Owner's Rep	Miranda Kawcak	Ins	spector	Jaso	n Herden		
			Marl	or Write	in Appropriat	e Respons	se:
	FEATURE				BLEM		COMMENTS
			YES (Ab	ove)	NO (Belo	ow)	
GENERAL							
	below principal spillw	ay)			N/A		
EROSION							
Rills & Gullies on Em	bankment				N/A		
Wave Erosion					N/A		
Spillway Erosion					N/A		
Burrows					N/A		
Other				N/A			
STRUCTURAL			1				
Differential Settling					N/A		
Cracks or Slides					N/A		
Seepage					N/A		
Other					N/A		
STRUCTURES							
Principal Spillway			1				
Clogged Orifice					N/A N/A		
Clogged or Damag							
Damaged Headgate	2				N/A		
Emergency Spillway			1				
Erosion				N/A			
1 1	Riprap			N/A			
00	Clogged or Damaged Culvert			N/A			
Other					N/A		
MAINTENACE	1		I				DEPLUIT IN 2042 AS A PUNIOFF CONTROL STOWER
Maintenance Required Maintenance Performe	aintenance Required			X			REBUILT IN 2012 AS A RUNOFF CONTROL STRUCTURE.
			V	X			
Additional Comments X							

IMPOUNDMENT INSPECTION LOG

JOB DATA

JOB NAME: PEC Hydrologic Support Services	CLIENT: Peabody	LOCATION: Routt County, CO
JOB(s): 2018-005 T1-SCC, 2018-006 T1-PSCM		

FLOW DATA

SITEID	COMPANY	MINE	DATE	TIME	WATER LEVEL (FT)	OUTFLOW (GPM)	OBSERVATIONS	MAÏNTENANCE (Y/N)	
002	Sage Creek	Sage Creek	6-22-20	08:50	0.06	47.6	Flume unlevely most water gain	g world	7
003	Sage Creek	Sage Creek	P-33-3	08:30	0,10	7.5	cabert Flume booken	γ	
004	Sage Creek	Sage Creek	10-55-50	09:20	0.19	46.7		N	
Lower Sump	Sage Creek	Sage Creek	10-2-2	07:10	0.06	70			
PECOCO	Sage Creek	Sage Creek	10-2-2	c7:2°	0.07	28			
Portal Sump 1	Sage Creek	Sage Creek	10-2-20	-7:30	-0,3	10			
Portal Sump 2	Sage Creek	Sage Creek	اندی ری	07:25	_	_	10T pumping		
Spill Control 2	Sage Creek	Sage Creek	10-2-60	1:45	_		Dry		
Truck Wash	Sage Creek	Sage Creek	10-22-20	07:00		_	00		
Upper Sump	Sage Creek	Sage Creek	19-2-60	08:00	0.1	33			
001	Seneca	Hayden Gulch	10-22-20	15:05	-1,5	_	NO Flow NO Flow Sluffon S, side no impact	N	
002	Seneca	Hayden Gulch	p-22-20		-2.5	_	NO FLOW	N	
005	Seneca	Seneca II West	12-22-20	14:35	-23		NO FLOW	N	
006	Seneca	Seneca II West	10-25-20	12:45	0.1	78.9	sluffan S, side na impact	N	
009	Seneca	Seneca II West	b-22.20	11:20	-2,3	_	No Flow	N	
015	Seneca	Seneca II West	10-22-30	11:35	0.05	1.0		N	
016	Seneca	Seneca II West	10-2226	13:00	0.1	73,7		N	
017	Seneca	Seneca II West	p.222	13:20	0.04	1,6		N	
T-1	Seneca	Seneca II West		12:40	_		Dry	N	
T-18	Seneca	Seneca II West			-4		NO Flow	N	
T-2	Seneca	Seneca II West					Din	N	
T-20	Seneca	Seneca II West					No Flow Dry	N	
T-22	Seneca	Seneca II West					No Flow Dry	N	
T-24	Seneca	Seneca II West		1			Dry	N	
T-25	Seneca	Seneca II West				_		~	1
T-26	Seneca	Seneca II West			-3	7	no Flow	N	



SITE ID	COMPANY	MINE	DATE	TIME	WATER LEVEL (FT)	OUTFLOW (GPM)	OBSERVATIONS	MAINTENANCE (Y/N)
T-27	Seneca	Seneca II West	p-22-23	13:59	-3		NO FLOW	N
T-3	Seneca	Seneca II West	10-22-20	12:50	\		Dry	
T-5	Seneca	Seneca II West	62220	خن: ٢٠١	-4		NO Flow	N
010	Seneca	Yoast	10-25-20	6:45	0.03	1.1	artlet pipe justed through	У
011	Seneca	Yoast	10-35-so	160	- 1, 1	_	NO Flow	N
011A	Seneca	Yoast	10-22-20		-1,3	_	NO Flow	N
012	Seneca	Yoast	10-22-30	13:00	0.1	76.7	catails in pand	N
012A	Seneca	Yoast	P-55-9	13:10	-1,5	~	· ·	N
013	Seneca		10-55-5	12:15	-2	_	No Flow	N
014	Seneca	Yoast	10-55-9	12:30	~1.4)	No Flow	N
ST-1	Seneca	Yoast	10.22.20		-3		NO Flow	N

CLIMATIC CONDITIONS:

FIELD PERSONNEL; JL	FIELD PERSONNEL SIGNATURE:
NOTES	
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