Mine:		New Elk		<u>—</u>			
NPDES I	D. No.:	Pond #1					
Inspecti	on Period:	Fourth Qua	arter 2020				
Inspecti	on Date:	11/20/202	0				
General	l Description	or Reference to	Site Plan:				
This por pond.	nd is located	West of the indu	strial building and serv	es as a mine wat	er settling and wa	iter storag	e
EMBAN	KMENT						
		-f.th.c.,,,,,,,,,		Fugallant	Madagata	Fa	Deen
1.		of the vegetative of	cover:	Excellent	Moderate	Few	Poor
2.		ming Gullies:		Extensive	Some	Few	None
3.		ion causing erosion		Voc		No	V
		n the upstream er		Yes		No	X X
	Al	the principal spil	iway inietr	res		No	Λ
4.	Erosion of	the downstream t	oe of the embankmen	t? Yes		No	Х
	Ca	ause of erosion ca	n be attributed to:				
5.	Is seepage	occurring through	the dam?	Yes		No	X
	Co	ould this seepage	cause potential instabi	lity?			
	_						
PRINICI	PAL SPILLW	AY					
1.	Is the princ	ipal spillwav syste	em in working order?	Yes	Х	No	
2.			I restrictive material?	Yes	X	No	
3.			of restrictive material?	Yes		No	
4.		occurring at the di		Yes		No	Х
**		. 0	. 0	<u></u>		· -	
	Evaluate th	e severity:	Extensive	Moderate	Just Starting	None	

			NPDES ID. No.: 1
IERG	ENCY SPILLWAY		
1.	Does it appear that the emergency spillway has	discharged water since	the last inspection?
		YES	NO <u>X</u>
2.	Is erosion occurring at any section of the emerg	gency spillway?	
		YES	NO <u>X</u>
OMI	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the reservoir	r been surpassed? YES	NOX
	Explain: No sediment in pond		
HER	OBSERVATIONS		
	Pond has not discharged since last inspection. F	ond was holding water a	at time of inspection.
	Pond has not discharged since last inspection. I	Pond was holding water a	at time of inspection.

Mine:		New Elk		_			
NPDES I	ID. No.:	Pond #4		_			
Inspecti	ion Period:	Fourth Quarter 2	2020	_			
Inspecti	ion Date:	11/20/2020		_			
Genera	l Description or Re	eference to Site P	lan:				
	•		Development Wa received sufficient			ff form this	
EMBAN	KMENT						
1.	Adequacy of the	vegetative cover:		Excellent	Moderate	Few	Poor
2.	Erosion forming			Extensive	Some	Few	None
3.	Is wave action ca	_	_				
		upstream embank				No	
	At the p	rincipal spillway i	niet?	Yes		No	Х
4.	Erosion of the do	ownstream toe of	the embankment?	Yes		No	Х
	Cause o	f erosion can be a	attributed to:				
5.	Is seepage occur	ring through the o	dam?	Yes		No	X
	Could th	nis seenage cause	potential instabilit	·v?			
	554.4 (.	no occhago caace	p	.,.			
PRINICI	PAL SPILLWAY						
1.	Is the principal st	oillway system in	working order?	Voc	V	No	
1. 2.		of debris and restr	•	Yes Yes	X 	· · · · · · · · · · · · · · · · · · ·	
3.		outlet free of rest		Yes		· · · · · · · · · · · · · · · · · · ·	
4.	_	ing at the dischar		Yes		No	
					_		_
	Evaluate the seve	erity:	Extensive	Moderate	Just Startin	g None	

EMERG	ENCY SPILLWAY			
1.	Does it appear that the emergency spillway has disc	charged water since the la	st inspect	ion?
		YES	NO	X
2.	Is erosion occurring at any section of the emergence	y spillway?		
		YES	NO	X
SEDMII	MENT STORAGE CAPACITY			
1.	Has the design storage capacity of the reservoir bee	en surpassed? YES	NO	X
	Explain: <u>Visual observation.</u>			
OTHER	OBSERVATIONS Pond was holding a small amount of water.			

NPDES ID. No.: 4

Mine:		New Elk					
NPDES	ID. No.:	<u>Pond</u> #7					
nspect	ion Period:	Fourth Qua	arter 2020	<u> </u>			
nspect	ion Date:	11/20/202	0				
Genera	l Description	or Reference to	Site Plan:				
		•	of the preparation plans s area lying south of St	•		from the	
MBAN	IKMENT						
1.	Adequacy o	f the vegetative o	cover:	Excellent	Moderate	Few	Poor
2.	Erosion forn	•		Extensive	Some	Few	None
3.		on causing erosic	on:				<u> </u>
		the upstream er		Yes_		No	Χ
		the principal spill				No	Х
4.	Erosion of th	ne downstream t	oe of the embankmen	t? Yes_		No	Х
	Cau	use of erosion ca	n be attributed to:				
5.	Is seepage o	ccurring through	the dam?	Yes_		No	X
	Cou	uld this seepage	cause potential instabi	lity?			
		.,					
RINICI	PAL SPILLWA	Y					
1.	Is the princi	pal spillway syste	em in working order?	Yes_	X	No	
2.			restrictive material?	Yes_	Х	No	
3.	Is the discha	rge outlet free o	f restrictive material?	Yes_	Χ	No	
4.	Is erosion of	ccurring at the di	scharge outlet?	Yes		No	Х
	- 1						
	Evaluate the	severity:	Extensive	Moderate	Just Starting	None	

EMER	GENCY SPILLWAY		
1.	. Does it appear that the emergency spillway has	s discharged water since th	ne last inspection?
		YES	NO <u>X</u>
2.	. Is erosion occurring at any section of the emer	gency spillway?	
		YES	NO <u>X</u>
SEDM	IMENT STORAGE CAPACITY		
1.	. Has the design storage capacity of the reservoi	r been surpassed? YES	NO <u>X</u>
	Explain: Visual observation. Pond cleaned in ea	arly 2017.	
OTHER	R OBSERVATIONS		
	Pond is nearly empty.		

NPDES ID. No.: 7

Mine:		New Elk					
NPDES I	ID. No.:	<u>Pond #8</u>					
Inspecti	on Period	l: <u>Fourth Qua</u>	arter 2020				
Inspecti	on Date:	11/20/202	0	<u> </u>			
Genera	l Descript	ion or Reference to	Site Plan:				
	nd lies no ise dispos		the base of the refuse	e disposal area. T	he pond receives	run-off for	m
EMBAN	KMENT						
1.	Adequa	cy of the vegetative o	cover:	Excellent	Moderate	Few	Poor
2.		forming Gullies:		Extensive	Some	Few	None
3.		action causing erosic	on:				<u> </u>
		On the upstream en		Yes		No	Χ
		At the principal spill	way inlet?			No	
4.	Erosion	of the downstream t	oe of the embankmer	nt? Yes_		No	Х
		Cause of erosion ca	n be attributed to:				
5.	Is seepa	ge occurring through	the dam?	Yes_		No	Х
		Could this seepage	cause potential instab	ility?			
PRINICI	PAL SPILL	WAY					
1.	Is the pr	incipal spillway syste	em in working order?	Yes	Х	No	
2.			restrictive material?	Yes			
3.			f restrictive material?		-		
4.		n occurring at the di		Yes_			Χ
		9	<u> </u>	_			
	Evaluate	the severity:	Extensive	Moderate	Just Starting	None	

		YES	NO	Χ
2.	Is erosion occurring at any section of the em	ergency spillway?		
		YES	NO	Х
EDMII	MENT STORAGE CAPACITY			
1.	Has the design storage capacity of the reserv	voir been surpassed? YES	NO	Х
	Explain: Visual observation. Sediment clean	ed out in May 2018		
THER	OBSERVATIONS			
	Pond was holding water at the time of inspe	ction. No new sediment has	been deposit	ed and ther
	is very little sediment in the pond.			

NPDES ID. No.: 8

Mine:		New Elk Pond 6				
NPDES	ID. No.:	None	_			
Inspect	ion Period:	Fourth Quarter 2020	_			
Inspect	ion Date:	11/20/2020	<u> </u>			
Genera	l Description or F	Reference to Site Plan:				
	_	ing facility designed to contain plant I is now used to dewater other ponds		•	oeen idle	
EMBAN	IKMENT					
1.	Adequacy of the	e vegetative cover:	Excellent	Moderate	Few	Poor
2.	Erosion forming	g Gullies:	Extensive	Some	Few	None
3.	Is wave action of	causing erosion:				
		e upstream embankment?	Yes		No	
	At the	principal spillway inlet?	Yes		No	Х
4.	Erosion of the o	downstream toe of the embankment	? Yes		No	Х
	Cause	of erosion can be attributed to:				
5.	Is seepage occu	irring through the dam?	Yes		No	Х
	Could	this seepage cause potential instabili	ty?			
SEDMII	MENT STORAGE (CAPACITY				
1.	Has the design	storage capacity of the reservoir bee	n surpassed? YES	NO	Х	
	Explain: No des	sign capacity.				
OTHER	OBSERVATIONS					
	Pond is holding	water, not close to full.				

Mine:		New Elk WP Containment #1				
NPDES	ID. No.:	None				
Inspect	ion Period:	Fourth Quarter 2020	<u> </u>			
Inspect	ion Date:	11/20/2020	<u> </u>			
Genera	l Description or R	eference to Site Plan:				
	ntainment basin is ouse area.	a non-discharging facility designe	d to contain run-c	off from the West	Portal	
EMBAN	IKMENT					
1.	Adequacy of the	vegetative cover:	Excellent	Moderate	Few	Poor
2.	Erosion forming	_	Extensive	Some	Few	None
3.	Is wave action ca	ausing erosion:				
	On the	upstream embankment?	Yes		No	
	At the p	orincipal spillway inlet?			No	Х
4.	Erosion of the do	ownstream toe of the embankmer	nt? Yes		No	X
	Cause o	of erosion can be attributed to:				
5.	Is seepage occur	ring through the dam?	Yes		No	Х
	Could t	his seepage cause potential instab	ility?			
SEDMII	MENT STORAGE C	APACITY				<u> </u>
1.	Has the design s	torage capacity of the reservoir be	oon surnassada			
1.	rias tile desigii s	torage capacity or the reservoir be	YES	NO	Х	
	Explain: Visual c	bservation.				
OTHER	OBSERVATIONS					
	Containment are	ea was empty at time of inspection	١.			

Mine:		New Elk WP Containment #2	<u> </u>			
NPDES	ID. No.:	None	<u> </u>			
Inspect	ion Period:	Fourth Quarter 2020	<u> </u>			
Inspect	ion Date:	11/20/2020	<u> </u>			
Genera	l Description or Re	eference to Site Plan:				
	ntainment basin is and manway area	a non-discharging facility designed as.	I to contain run-c	off from the West	Portal	
EMBAN	IKMENT					
1.	Adequacy of the	vegetative cover:	Excellent	Moderate	Few	Poor
2.	Erosion forming	Gullies:	Extensive	Some	Few	None
3.	Is wave action ca	using erosion:				· <u></u>
		upstream embankment?	Yes		No	
	At the p	orincipal spillway inlet?	Yes		No	Х
4.	Erosion of the do	ownstream toe of the embankment	t? Yes		No	Х
	Cause o	f erosion can be attributed to:				
5.	Is seepage occur	ring through the dam?	Yes		No	Х
	Could th	nis seepage cause potential instabil	lity?			
SEDMI	MENT STORAGE CA	APACITY				
1.	Has the design st	torage capacity of the reservoir bee	en surpassed? YES	NO	Х	
	Explain: Visual o	bservation.				
OTHER	OBSERVATIONS					
	Containment is e	amntv				
	Containment is e	inpty.				

Mine:		New Elk Containment #3	_			
NPDES	ID. No.:	None	_			
Inspect	ion Period:	Fourth Quarter 2020	_			
Inspect	ion Date:	11/20/2020	_			
Genera	l Description or Re	eference to Site Plan:				
-	•	ainment basin is a non-discharging f conveyor and south of Highway 12.	acility designed	to contain run-of	f from the	
EMBAN	IKMENT					
1. 2.	Erosion forming		Excellent Extensive	Moderate Some	Few Few	Poor None
3.		lusing erosion: upstream embankment? irincipal spillway inlet?	Yes Yes		No No	
4.	Erosion of the do	ownstream toe of the embankment?	? Yes		No	Х
	Cause o	f erosion can be attributed to:				
5.	Is seepage occur	ring through the dam?	Yes		No	Х
	Could th	nis seepage cause potential instabili	ty?			
SEDMI	MENT STORAGE CA	APACITY				
1.	Has the design st	corage capacity of the reservoir beer	n surpassed? YES	NO	Х	
	Explain: Visual o	bservation.				
OTHER	OBSERVATIONS					
	Containment Are	ea is dry at time of inspection.				_ <u>_</u>

Mine:		New Elk Containment #4								
NPDES ID. No.:		None								
Inspection Period:		Fourth Quarter 2020								
Inspection Date:		11/20/2020								
Genera	l Description or R	eference to Site Plan:								
	•	ainment basin is a non-dischargi t conveyor and south of Highway		l to contain run-of	ff from the	:				
EMBAN	IKMENT									
1.	Adequacy of the vegetative cover:		Excellent	Moderate	Few	Poor				
2.	Erosion forming	Gullies:	Extensive	Some	Few	None				
3.	Is wave action ca	ausing erosion:								
	On the	upstream embankment?	Yes		No	Χ				
	At the p	orincipal spillway inlet?			No	Х				
4.	Erosion of the do	ownstream toe of the embankme	ent? Yes_		No	Х				
	Cause o	of erosion can be attributed to:								
5.	Is seepage occur	ring through the dam?	Yes		No	Х				
	Could t <u>basin.</u>	Could this seepage cause potential instability? No embankment, this is an incised containment basin.								
SEDMI	MENT STORAGE C	APACITY								
1.	Has the design storage capacity of the reservoir been surpassed? YES NOX									
	Explain: Visual c	observation.								
OTHER	OBSERVATIONS									
	Containment Assault des at time of insulation									
	Containment Area was dry at time of inspection.									

Mine:		New Elk Containment #5	-									
NPDES I	D. No.:	None	-									
Inspecti	on Period:	Fourth Quarter 2020	-									
Inspection Date:		11/20/2020	_									
General Description or Reference to Site Plan:												
This partially incised containment basin is a non-discharging facility designed to contain run-off from the RDA belt conveyor area north of Highway 12.												
EMBAN	KMENT											
1.	Adequacy of the	vegetative cover:	Excellent	Modera	te	Few	Poor					
2.	Erosion forming Gullies:		Extensive	Some		Few	None					
3.	Is wave action ca	using erosion: upstream embankment?	Ves			No	Χ					
		rincipal spillway inlet?				No						
					_							
4.	Erosion of the do	ownstream toe of the embankment?	Yes		_	No	Х					
	Cause o	f erosion can be attributed to:										
5.	Is seepage occur	ring through the dam?	Yes		_	No	Х					
	Could th <u>basin.</u>	Could this seepage cause potential instability? No embankment, this is an incised containment basin.										
SEDMIN	MENT STORAGE CA	APACITY										
1.	Has the design st	orage capacity of the reservoir beer	surnassed?									
	The the design of	ionage supusity of the reservoir see.	YES	_	NO	Χ	_					
	Explain: <u>Visual o</u>	bservation.										
OTHER OBSERVATIONS												
Containment Area is empty. Containment Area was cleaned in the first guarter of 2020 and about 70												
percent of the sediment in the containment area was removed.												

QUARTERLY SEDIMENTATION POND INSPECTION REPORT New Elk Mine- November 20, 2020



Pond 1



Pond 4



Pond 6



Pond 7



Pond 8



Containment Area #1



Containment Area #2



Containment Area #3



Containment Area #4



Containment Area #5

Certification

This inspection was conducted by Vince Massarotti, a qualified professional and MSHA certified impoundment inspector.

This is to certify, to the best of my knowledge and belief, that maintenance, since the previous certification and as determined during this inspection and discussions with mine personnel, is in accordance with designs as approved by the Division of Reclamation, Mining and Safety.

Vince Masouratt

Date

Inspections completed in compliance with Rule 4.09.1(11)(b) must be submitted to the Division within two weeks of completion.