Mine:		New Elk		_			
NPDES I	D. No.:	Pond #1		_			
Inspecti	on Period:	First Quart	er 2022	_			
Inspection Date:		3/31/2022		_			
General	Description	or Reference to	Site Plan:				
This por pond.	nd is located	West of the indu	strial building and serve	s as a mine wate	er settling and w	ater storag	е
EMBAN	KMENT						
1.	Adequacy	of the vegetative of	cover:	Excellent	Moderate	Few	Poor
2.	Erosion for	ming Gullies:		Extensive	Some	Few	None
3.		ion causing erosic					
		n the upstream en				No	
	At	the principal spill	way inlet?	Yes		No	Х
4.	Erosion of	the downstream t	oe of the embankment?	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 instabilit	ty?			
PRINICII	PAL SPILLW	AY					
1.	Is the princ	ipal spillway syste	m in working order?	Yes	X	No	
2.	-		restrictive material?	Yes	X	No	
3.	Is the disch	arge outlet free o	f restrictive material?	Yes	Х	No	
4.		occurring at the di		Yes		No	Χ
	Evaluate th	ne severity:	Extensive	Moderate	Just Starting	None	

EMERG	ENCY SPILLWAY			
1.	Does it appear that the emergency spillway has disch	arged water since the last	inspecti	on?
		YES	NO	X
2.	Is erosion occurring at any section of the emergency	spillway?		
		YES	NO	X
SEDMIN	MENT STORAGE CAPACITY			
1.	Has the design storage capacity of the reservoir been			V
	Explain: No sediment in pond	YES		X
OTHER	OBSERVATIONS			
	Pond liner is in good working condition at time of ins	pection. Pond was holding	water a	t time of

Inspection. The mine is putting water into the pond. Water is also being pulled through the pond

and being cleaned and reused at the mine site.

NPDES ID. No.: 1

Mine:		<u>New Elk</u>					
NPDES	ID. No.:	<u>Pond #4</u>		<u> </u>			
nspect	ion Period:	First Quart	er 2022	<u> </u>			
nspect	ion Date:	3/31/2022					
Genera	l Descriptio	n or Reference to	Site Plan:				
Γhis sec	diment contr	ol pond lies west	of the Development W ever received sufficien			orm this	
MBAN	IKMENT						
1.	Adequacy	of the vegetative of	cover:	Excellent	Moderate	Few	Poor
2.	Erosion for	ming Gullies:		Extensive	Some	Few	None
3.		tion causing erosic	on:				
		n the upstream er		Yes		No	Χ
		t the principal spil				No.	X
4.	Erosion of	the downstream t	oe of the embankmen	t? Yes		No	X
	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	rinal snillway syste	em in working order?	Yes	Х	No	
2.			I restrictive material?	Yes	X	No	
3.			of restrictive material?	Yes	X	No	
3. 4.		occurring at the di		Yes	Λ	No	X
٦.	13 CT USIUIT (securing at the di	John Be Outlet:	163		140	
	Evaluate th	ne severity:	Extensive	Moderate	Just Starting	None	

			NPDES ID. No.: 4
MERG	ENCY SPILLWAY		
1.	Does it appear that the emergency spillway h	as discharged water since t	the last inspection?
		YES	NO <u>X</u>
2.	Is erosion occurring at any section of the eme	ergency spillway?	
		YES	NOX
EDMII	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the reserve	oir been surpassed? YES	NO <u>X</u>
	Explain: Visual observation.		
OTHER	OBSERVATIONS		
	Pond was empty at the time of inspection. Ve	getation has been remove	d from the pond this quarter.
	Area around the decant has recently been cl	eaned of vegetation	
	Area around the accume has recently been en	carred or vegetation.	

Mine:		<u>New Elk</u>					
NPDES	ID. No.:	Pond #7					
Inspect	ion Period	d: <u>First Quart</u>	er 2022	<u>—</u>			
Inspect	ion Date:	3/31/2022					
Genera	l Descript	ion or Reference to	Site Plan:				
			of the preparation plan s area lying south of St		receives run-off	from the	
EMBAN	IKMENT						
1.	Adequa	cy of the vegetative o	cover:	Excellent	Moderate	Few	Poor
2.		forming Gullies:		Extensive	Some	Few	None
3.	is wave	action causing erosic On the upstream er		Yes		No	Х
		At the principal spill				No	X
			,				
4.	Erosion	of the downstream t	oe of the embankmen	t? Yes		No	X
		Cause of erosion ca	n be attributed to:				
5.	Is seepa	ge occurring through	the dam?	Yes		No	Х
		Could this seepage	cause potential instabi	lity?			
PRINICI	PAL SPILL	.WAY					
1.	Is the pr	incipal spillway syste	em in working order?	Yes	Х	No	
2.	Is the in	let free of debris and	restrictive material?	Yes_	X	No	
3.		•	f restrictive material?	Yes	X	No	
4.	Is erosic	on occurring at the di	scharge outlet?	Yes		No	Х
	Evaluate	the severity	Extensive	Moderate	lust Starting	None	

EMERG	ENCY SPILLWAY			
1.	Does it appear that the emergency spillway has disc	charged water since the las	t inspect	ion?
		YES	NO	Х
2.	Is erosion occurring at any section of the emergency	y spillway?		
		YES	NO	Х
SEDMIN	MENT STORAGE CAPACITY			
1.	Has the design storage capacity of the reservoir bee	en surpassed? YES	NO	x
	Explain: Visual observation. Pond cleaned in early 2	017.		
OTHER	OBSERVATIONS Pond is holding water, just below the level of the deworking condition.			_

NPDES ID. No.: 7

Mine:		New Elk		<u>—</u>			
NPDES I	D. No.:	Pond #8					
Inspecti	on Period:	First Quart	er 2022				
Inspecti	on Date:	3/31/2022		_			
General	l Description	or Reference to	Site Plan:				
	nd lies north ise disposal a		the base of the refuse	disposal area. Th	ne pond receives r	un-off for	m
EMBAN	KMENT						
1.	Adequacy o	of the vegetative (cover.	Excellent	Moderate	Few	Poor
2.		ming Gullies:	cover.	Extensive	Some	Few	None
3.		ion causing erosic	nn·	EXTENSIVE	Joine	1 CVV	None
Э.		the upstream er		Voc		No	Х
		the principal spil		Vec		No	X
	At	the principal spir	iway iiiict:	163	 ,	110	
4.	Erosion of t	he downstream t	oe of the embankmen	t? Yes		No	Χ
	Ca	use of erosion ca	n be attributed to:				
5.	Is seepage	occurring through	n the dam?	Yes		No	X
	Co	uld this seepage	cause potential instabi	lity?			
	_						
PRINICI	PAL SPILLWA	ΑY					
1.	Is the princi	ipal spillwav syste	em in working order?	Yes	Х	No	
2.	-		restrictive material?	Yes	X	No	
3.			of restrictive material?	Yes	X	No	
4.		ccurring at the di		Yes		No	Х
		9 9	5	<u> </u>			
	Evaluate th	e severity:	Extensive	Moderate	Just Starting	None	

		YES	NO <u>X</u>
2.	Is erosion occurring at any section of the	he emergency spillway?	
		YES	NO <u>X</u>
EDMI	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the	reservoir been surpassed? YES	NO <u>X</u>
	Explain: Visual observation. Sediment	cleaned out in May 2018	
OTHER	OBSERVATIONS		
	Pond is holding water, not near the de	cant level. Little new sediment h	as been deposited since
	the pond was last cleaned.		

NPDES ID. No.: 8

Mine: New Elk Pond 6	_			
NPDES ID. No.: <u>None</u>	_			
Inspection Period: <u>First Quarter 2022</u>	<u> </u>			
Inspection Date: <u>3/31/2022</u>	<u> </u>			
General Description or Reference to Site Plan:				
Pond 6 is a non-discharging facility designed to contain plant but is sparingly placing water in the pond.	processing wat	er. The plant is op	erational	
EMBANKMENT				
1. Adequacy of the vegetative cover:	Excellent	Moderate	Few	Poor
2. Erosion forming Gullies:	Extensive	Some	Few	None
3. Is wave action causing erosion:				
On the upstream embankment?	Yes		No	Х
At the principal spillway inlet?	Yes		No	Х
4. Erosion of the downstream toe of the embankment	? Yes		No	Х
Cause of erosion can be attributed to:				
5. Is seepage occurring through the dam?	Yes		No	Х
Could this seepage cause potential instabili	ity?			
SEDMIMENT STORAGE CAPACITY				_
1. Has the design storage capacity of the reservoir bee	n surpassed? YES	NO	Х	
Explain: No design capacity.				
OTHER OBSERVATIONS				
Pond is holding water, but it is not close to full.				

Mine:		New Elk WP Containment #1	_			
NPDES	ID. No.:	None	_			
Inspect	ion Period:	First Quarter 2022	_			
Inspect	ion Date:	3/31/2022	_			
Genera	l Description or R	eference to Site Plan:				
	ntainment basin is ouse area.	a non-discharging facility designed	to contain run-c	off from the West	Portal	
EMBAN	IKMENT					
1. 2. 3.	Erosion forming		Excellent Extensive	Moderate Some	Few Few	Poor None
0.	On the	upstream embankment? principal spillway inlet?			No No	
4.	Erosion of the do	ownstream toe of the embankment	? Yes		No	Х
	Cause c	of erosion can be attributed to:				
5.	Is seepage occur	ring through the dam?	Yes		No	X
	Could t	his seepage cause potential instabili	ty?			
SEDMII	MENT STORAGE C	APACITY				
1.	Has the design s	torage capacity of the reservoir bee	n surpassed? YES	NO	Х	
	Explain: Visual c	bservation.				
OTHER	OBSERVATIONS					
	Containment wa	s near empty at the time of inspecti	on. Not near to	p of embankment	ī	

Mine:		New Elk WP Containment #2	_			
NPDES	ID. No.:	None	_			
Inspect	ion Period:	First Quarter 2022	_			
Inspect	ion Date:	3/31/2022	_			
Genera	l Description or Re	eference to Site Plan:				
	ntainment basin is and manway area	a non-discharging facility designed as.	to contain run-o	ff from the West	Portal	
EMBAN	IKMENT					
1. 2.	Erosion forming		Excellent Extensive	Moderate Some	Few Few	Poor None
3.		lusing erosion: upstream embankment? rincipal spillway inlet?	Yes Yes		No No	
4.	Erosion of the do	ownstream toe of the embankment	? Yes		No	Χ
	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 bee	n surpassed? YES	NO	Х	
	Explain: Visual o	bservation.				
OTHER	OBSERVATIONS					
	Containment wa	s empty at time of inspection.				

Mine:		New Elk Containment #3	_			
NPDES	ID. No.:	None	_			
Inspect	ion Period:	First Quarter 2022	_			
Inspect	ion Date:	3/31/2022	_			
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.		using erosion: upstream embankment? rincipal 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?			
SEDMII	MENT STORAGE CA	APACITY				
1.	Has the design st	corage capacity of the reservoir been	n surpassed? YES	NO	Х	
	Explain: Visual o	bservation.				
OTHER	OBSERVATIONS					
	Containment Are	ea was dry at time of inspection.				_ <u>_</u>

Mine:		New Elk Containment #4							
NPDES ID. No.:		None							
Inspection Period:		First Quarter 2022							
Inspection Date:		3/31/2022							
Genera	l Description or Ro	eference to Site Plan:							
-		ainment basin is a non-discharg conveyor and south of Highwa		I to contain run-of	ff from the	2			
EMBAN	IKMENT								
1.	Adequacy of the	vegetative cover:	Excellent	Moderate	Few	Poor			
2.	Erosion forming Gullies:		Extensive	Some	Few	None			
3.	3. Is wave action causing erosion:								
On the		upstream embankment?	Yes	Yes		X			
	At the p	rincipal spillway inlet?	Yes		No	Х			
4.	Erosion of the do	ownstream toe of the embankm	ent? Yes_		No	Х			
Cause of erosion can be attributed to:									
5.	Is seepage occur	ring through the dam?	Yes		No	Х			
	Could this seepage cause potential instability? No embankment, this is an incised containment basin.								
SEDMII	MENT STORAGE CA	APACITY							
1.	Has the design storage capacity of the reservoir been surpassed? YES NOX NOX								
	Explain: <u>Visual o</u>	bservation.							
OTHER	OBSERVATIONS								
	Containment Are	ea was dry at time of inspection							

Mine:		New Elk Containment #5	<u> </u>						
NPDES ID. No.:		None	_						
Inspection Period:		First Quarter 2022	_						
Inspection Date:		3/31/2022	<u> </u>						
Genera	l Description or R	eference to Site Plan:							
-	•	rainment basin is a non-discharging f north of Highway 12.	facility designed	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:							
		upstream embankment?	Yes		No	Χ			
	At the p	orincipal spillway inlet?	Yes		No	Х			
4.	Erosion of the d	ownstream toe of the embankment?	? Yes		No	Х			
	Cause o	of erosion can be attributed to:							
5.	Is seepage occui	ring through the dam?	Yes		No	Х			
	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 NOX								
	Explain: Visual o	observation.							
OTHER	OBSERVATIONS								
Containment Area was holding water. Sediment was cleaned in quarter 2 of 2020.									
	Containment Area was notating water. Scannent was cleaned in quarter 2 of 2020.								

QUARTERLY SEDIMENTATION POND INSPECTION REPORT New Elk Mine- March 31, 2022



Pond 1



Pond 4



Pond 6





Pond 8





Containment Area #3





Containment Area #5

Certification

This inspection was conducted by Vince Massarotti, a qualified professional and MSHA certified inspector of earth and rock-fill embankments, waste banks and impoundments, under the direction of Mr. Stormes, a registered professional engineer licensed in the State of Colorado.

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.

Viril Unavata Inspector

Date

essional Engineer

4-6-2022

Date

Inspections completed in compliance with Rule 4.09.1(11)(b) must be submit the thin vision within two weeks of completion.