Mine:		New Elk		_			
NPDES	ID. No.:	Pond #1					
Inspect	ion Perio	d: <u>First Quar</u>	ter 2020	_			
Inspect	ion Date:	3/5/2020		<u></u>			
This po		tion or Reference to	Site Plan: ustrial building and serve	es as a mine wa	er settling and wa	nter storag	e
pond.							
EMBAN	KMENT						
1.	Adequa	cy of the vegetative	cover:	Excellent	Moderate	Few	Poor
2.		forming Gullies:		Extensive	Some	Few	None
3.	Is wave	action causing erosi	on:				
		On the upstream e	mbankment?	Yes_		No	Χ
		At the principal spi	llway inlet?			No	Х
4.	Erosion	of the downstream	toe of the embankment	? Yes_		No	X
		Cause of erosion ca	n be attributed to:	8			
5.	Is seepa	ge occurring throug	h the dam?	Yes_		No	X
		Could this seepage	cause potential instabil	ity?			
		o l					
PRINICI	PAL SPILL	WAY					
1.	Is the pr	incipal spillway syste	em in working order?	Yes	Χ	No	38
2.			d restrictive material?	Yes_	X	1.71.2	
3.			of restrictive material?	Yes_			
4.		n occurring at the d		Yes_			X
••	.5 5.10510			103_	29		
	Evaluate	the severity:	Extensive	Moderate	Just Starting	None	

			NPDES ID. NO.:I
EMERG	GENCY SPILLWAY		
1.	Does it appear that the emergency spillwa	e last inspection?	
		YES	NOX
2.	Is erosion occurring at any section of the e	emergency spillway?	
		YES	NOX
SEDMI	MENT STORAGE CAPACITY		
1,	Has the design storage capacity of the rese		NOX
	Explain: No sediment in pond		
OTHER	OBSERVATIONS		
	Pond liner is in good working condition at	time of inspection. Pond was ho	lding water at time of
	Inspection.		

wine:		New EIK		20			
NPDES	ID. No.:	Pond #4		±:			
Inspec	tion Period:	First Quarter 2020					
Inspect	tion Date:	3/5/2020		-			
Genera	al Description or R	Reference to Site Plan:					
	•	and lies west of the Develond. It has never receive	•	•		rm this	
EMBAI	NKMENT						
1.	Adequacy of the	e vegetative cover:		Excellent	Moderate	Few	Poor
2.	Erosion forming	Gullies:		Extensive	Some	Few	None
3.	Is wave action ca	=					
		upstream embankment	:?			No	Χ
	At the	principal spillway inlet?		Yes		No	X
4.	Erosion of the do	ownstream toe of the e	mbankment?	Yes		No	Χ
	Cause c	of erosion can be attribu	ited to:				
5.	Is seepage occur	rring through the dam?		Yes		No	х
	Could t	his seepage cause poter	ntial instabilit	y?			
	× 						
PRINIC	IPAL SPILLWAY						
1.	Is the principal s	pillway system in workir	ng order?	Yes	X	No	
2.		of debris and restrictive	_	Yes	X		
3.		outlet free of restrictive		Yes	X	No	
4.	-	ring at the discharge out		Yes		No	Χ
	Evaluate the sev	eritv: Fxte	nsive	Moderate	Just Starting	None	

			NPDES ID. No.: 4
MERG	ENCY SPILLWAY		
1.	Does it appear that the emergency spillway	has discharged water since t	he last inspection?
		YES	NOX
2.	Is erosion occurring at any section of the en	nergency spillway?	
		YES	NOX
DMIN	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the reser	voir been surpassed? YES	NOX
	Explain: Visual observation.		
	0		
HER	OBSERVATIONS		
	Pond is holding a little amount water but is	not close to discharging	
	Total is florally a fittle amount water but is	not close to disendiging.	
	ī		

Mine:		New Elk		12			
NPDES	ID. No.:	Pond #7					
Inspect	ion Perio	d: <u>First Quar</u>	ter 2020				
Inspect	ion Date:	3/5/2020					
Genera	ıl Descript	tion or Reference to	Site Plan:				
			of the preparation planes area lying south of S	•		from the	
EMBAN	KMENT						
1.	Adequa	cy of the vegetative	cover:	Excellent	Moderate	Few	Poor
2.	Erosion	forming Gullies:		Extensive	Some	Few	None
3.	Is wave	action causing erosi	on:				
		On the upstream e	mbankment?	Yes_		No	
		At the principal spi	llway inlet?	Yes_		No	Χ
4.	Erosion	of the downstream	toe of the embankmer	nt? Yes_		No	Χ
		Cause of erosion ca	an be attributed to:				<u>z</u>
5.	Is seepa	ge occurring throug	h the dam?	Yes_		No	X
		Could this seepage	cause potential instab	ility?			
		-					
PRINICI	PAL SPILL	WAY					
1.	Is the pr	incipal spillway syst	em in working order?	Yes	Χ	No	
2.			d restrictive material?	Yes			
3.			of restrictive material?	Yes_			
4.		n occurring at the d		Yes_			X
	First 1	. Also a service to	E.A. 1	6.4 m.d.	torat Co. 11	.	
	Evaluate	the severity:	Extensive	Moderate	Just Starting	None	

EMERG	SENCY SPILLWAY		
1.	Does it appear that the emergency spillway has dis	scharged water since the la	ast inspection?
		YES	NOX
2.	Is erosion occurring at any section of the emergen	cy spillway?	
		YES	NOX
SEDMI	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the reservoir be	een surpassed? YES	NOX
	Explain: Visual observation. Pond cleaned in early	2017.	
OTHER	OBSERVATIONS		
	Pond is holding somewater, not near the max wat	er level. Holding about 6 i	nches of sediment.

NPDES ID. No.: 7

Inspection Period: First Quarter 2020 Inspection Date: 3/5/2020 General Description or Reference to Site Plan: This pond lies north of Highway 12 at the base of the refuse disposal area. The pond receives run-off form the refuse disposal area. 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 X At the principal spillway inlet? Yes No X	Mine	::		New Elk					
General Description or Reference to Site Plan: This pond lies north of Highway 12 at the base of the refuse disposal area. The pond receives run-off form the refuse disposal area. 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 X At the principal spillway inlet? Yes No X	NPDE	ES II	D. No.:	Pond #8		<u> </u>			
General Description or Reference to Site Plan: This pond lies north of Highway 12 at the base of the refuse disposal area. The pond receives run-off form the refuse disposal area. 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 X At the principal spillway inlet? Yes No X	Inspe	ectio	on Period	: <u>First Quar</u>	ter 2020	_			
This pond lies north of Highway 12 at the base of the refuse disposal area. The pond receives run-off form the refuse disposal area. 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 X At the principal spillway inlet? Yes No X	Inspe	ectio	on Date:	3/5/2020		_			
This pond lies north of Highway 12 at the base of the refuse disposal area. The pond receives run-off form the refuse disposal area. 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 X At the principal spillway inlet? Yes No X									
the refuse disposal area. 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 X At the principal spillway inlet? Yes No X	Gene	ral	Descripti	on or Reference to	Site Plan:				
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 X At the principal spillway inlet? Yes No X					the base of the refuse	disposal area. ⁻	The pond receives I	run-off for	m
2. Erosion forming Gullies: Extensive Some Few None 3. Is wave action causing erosion: On the upstream embankment? Yes No X At the principal spillway inlet? Yes No X	EMBA	٩Nŧ	KMENT						
2. Erosion forming Gullies: Extensive Some Few None 3. Is wave action causing erosion: On the upstream embankment? Yes No X At the principal spillway inlet? Yes No X	1	l.	Adequac	y of the vegetative	cover:	Excellent	Moderate	Few	Poor
On the upstream embankment? Yes No X At the principal spillway inlet? Yes No X	2					Extensive		Few	None
At the principal spillway inlet? Yes NoX	3	3.	Is wave a	ction causing erosi	on:				
				On the upstream e	mbankment?	Yes_		No	X
4. Erosion of the downstream toe of the embankment? Yes NoX				At the principal spil	lway inlet?	Yes_		No	Χ
	4	١.	Erosion o	of the downstream	toe of the embankment	? Yes_		No	X
Cause of erosion can be attributed to:				Cause of erosion ca	n be attributed to:	Î .			
5. Is seepage occurring through the dam? Yes NoX	5	.	ls seenae	e occurring through	n the dam?	Yes		No	
or its steepenge estativing amount and and		•	.0 000,000	,e occurring an oug.	Time dam.				
Could this seepage cause potential instability?				Could this seepage	cause potential instabil	ity?			
PRINICIPAL SPILLWAY	PRINI	CIP	AL SPILL	WAY					
Is the principal spillway system in working order? Yes X No No	1		Is the nri	ncinal snillway syste	em in working order?	Vec	X	No	
2. Is the inlet free of debris and restrictive material? Yes X No No					_				
3. Is the discharge outlet free of restrictive material? Yes X No	_								
4. Is erosion occurring at the discharge outlet? Yes NoX				-				-	
Evaluate the severity Extensive Moderate Just Starting None				_	_	NA - da t -	lunt Cttin -	None	

			NPDES ID. No.: 8
EMERG	GENCY SPILLWAY		
1.	Does it appear that the emergency spillway	has discharged water since t	:he last inspection?
		YES	NOX
2.	Is erosion occurring at any section of the en	nergency spillway?	
		YES	NOX
SEDMI	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the reser		NOX
	Explain: Visual observation. Sediment clear	ned out in May 2018	
OTHER	OBSERVATIONS		
	Pond is holding water, not near the decant	level. No new sediment has b	peen deposited.
	Very little sediment in the pond.		

Mine:		New Elk Pond 6	_			
NPDES	ID. No.:	None	- 0			
Inspect	tion Period:	First Quarter 2020				
Inspect	tion Date:	3/5/2020	-			
Genera	al Description or Re	eference to Site Plan:				
Pond 6 since 1	is a non-dischargir 996 and the pond i	g facility designed to contain plant s now used to dewater other ponds	processing water prior to clean-ou	. The plant has be it	een idle	
EMBAN	IKMENT					
1. 2. 3.	Adequacy of the Erosion forming (Gullies:	Excellent Extensive	Moderate Some	Few Few	Poor None
	On the u	pstream embankment?			No	10.00
	At the p	rincipal spillway inlet?	Yes	-	No	X
4.	Erosion of the do	wnstream toe of the embankment?	Yes		No	Х
	Cause of	erosion can be attributed to:				
5.	Is seepage occurr	ing through the dam?	Yes		No	Х
	Could th	is seepage cause potential instabilit	y?			
SEDMIN	MENT STORAGE CA	PACITY				
1.	Has the design sto	orage capacity of the reservoir beer	surpassed? YES	NO	X	
	Explain: No desig	n capacity.				
OTHER (OBSERVATIONS					
	Pond is holding w	ater, not close to full.				

Mine:		New Elk WP Containment #1	_3			
NPDES ID. N	lo.:	None	_			
Inspection F	Period:	First Quarter 2020	-			
Inspection [Date:	3/5/2020	- ,			
General Des	scription or R	eference to Site Plan:				
This contain Warehouse		a non-discharging facility designed	to contain run-of	f from the West P	ortal	
EMBANKME	NT					
1. Add	equacy of the	vegetative cover:	Excellent	Moderate	Few	Poor
2. Ero	sion forming	Gullies:	Extensive	Some	Few	None
3. Is v		ausing erosion:				
		upstream embankment?			No	
	At the p	orincipal spillway inlet?	Yes		No	Χ
4. Ero	sion of the do	ownstream toe of the embankment?	Yes		No	Х
	Cause o	f erosion can be attributed to:				
5. Is so	eepage occur	ring through the dam?	Yes		No	Х
	Could th	nis seepage cause potential instabilit	y?			
SEDMIMENT	STORAGE CA	APACITY				_
1. Has	the design st	orage capacity of the reservoir been	surpassed? YES	NO_	X	
Exp	lain: <u>Visual o</u> l	bservation.				-
OTHER OBSE	RVATIONS					
•	A-1	E. Parl Supplement				
Con	tainment are	a has little water, water is frozen.				

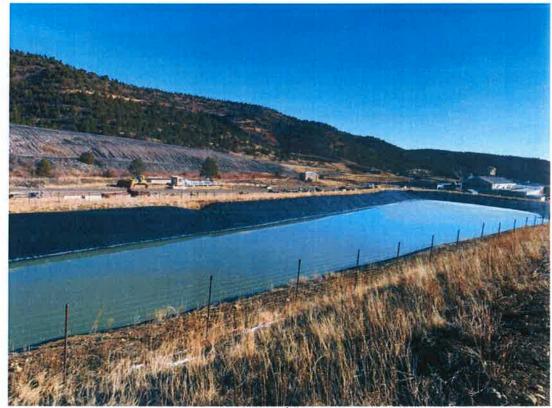
Mine:		New Elk WP Containment #2	_			
NPDES	ID. No.:	None	_			
Inspect	tion Period:	First Quarter 2020	<u></u>			
Inspect	tion Date:	3/5/2020	<u>=</u>			
Genera	al Description or R	eference to Site Plan:				
	ntainment basin is t and manway area	a non-discharging facility designed as.	to contain run-of	f from the West I	Potal	
EMBAN	NKMENT					
1.	Adequacy of the	vegetative cover:	Excellent	Moderate	Few	Poor
2.	Erosion forming		Extensive	Some	Few	None
3.	Is wave action ca	nusing erosion: upstream embankment?	V		Al-	
		orincipal spillway inlet?	Yes		No No	X
		,				
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 instabilit	γ?			
SEDMIN	MENT STORAGE CA	APACITY				-
1.	Has the design st	orage capacity of the reservoir beer	surpassed? YES	NO	Х	<u> </u>
	Explain: Visual o	bservation.				
OTHER	OBSERVATIONS					
	Containment is e	mptv.				
		p / -				

Mine:	84	New Elk Containment #3	<u> </u>			
NPDES	ID. No.:	None	=			
Inspect	ion Period:	First Quarter 2020	-			
Inspect	ion Date:	3/5/2020	.			
Genera	l Description or Re	eference to Site Plan:				
		ainment basin is a non-discharging factories and south of Highway 12.	acility designed to	o contain run-off f	rom the	
EMBAN	IKMENT					
1.	Adequacy of the	vegetative cover:	Excellent	Moderate	Few	Poor
2. 3.			Extensive	Some	Few	None
Э.		ipstream embankment?	Yes		No	X
	At the p	rincipal spillway inlet?			No	Х
4.	Erosion of the do	wnstream toe of the embankment?	Yes		No	Х
	Cause of	erosion can be attributed to:				
5.	Is seepage occurr	ing through the dam?	Yes		No	Х
	Could th	is seepage cause potential instabilit	y?			
SEDMIN	лент Storage CA	PACITY				-3
1.	Has the design sto	orage capacity of the reservoir been	surpassed? YES	NO	Х	- -:
	Explain: Visual ob	oservation.				
OTHER (OBSERVATIONS					
	Containment Area	a is dry.				
	and the second s					

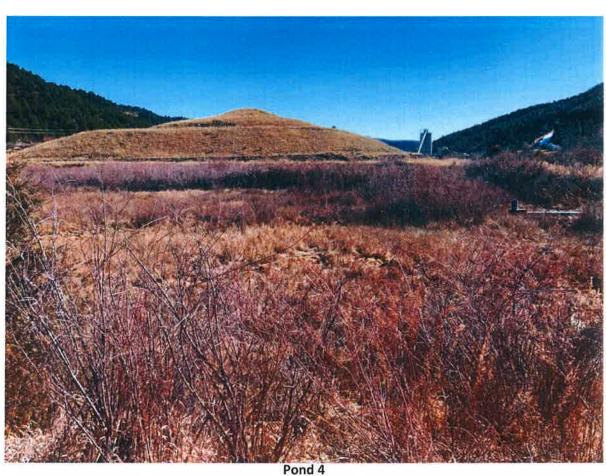
Mine:		New Elk Containment #4										
NPDES ID. No.:		None										
Inspection Period:		First Quarter 2020										
Inspection Date:		3/5/2020										
General Description or Reference to Site Plan:												
This partially incised containment basin is a non-discharging facility designed to contain run-off from the area west of the RDA belt conveyor and south of Highway 12.												
EMBAN	NKMENT											
1. 2. 3.	Erosion for	f the vegetative cover: ning Gullies: on causing erosion:	Excellent Extensive	Moderate Some	Few Few	Poor None						
0.		the upstream embankment?	Ye	S	No	X						
	At	the principal spillway inlet?		s	No	Χ						
4.	Erosion of t	he downstream toe of the emban	kment? Ye	s	No	Х						
	Ca	use of erosion can be attributed to	o:									
5.	Is seepage o	occurring through the dam?	Ye	S	No	Х						
	Could this seepage cause potential instability? No embankment, this is an incised containment basin.											
SEDMI	MENT STORA	GE CAPACITY										
1.	Has the design storage capacity of the reservoir been surpassed? YES NOX											
	Explain: Vis	ual observation.										
OTHER OBSERVATIONS												
	Containmen	t Area is dry.										

Mine:		New Elk Containment #5								
NPDES	ID. No.:	None	_							
Inspect	ion Period:	First Quarter 2020	_							
Inspection Date:		3/5/2020	-							
Genera	l Description or Re	ference to Site Plan:								
		ninment basin is a non-discharging forth of Highway 12.	acility designed t	o contain run-off	from the					
EMBAN	IKMENT									
	Adequacy of the Erosion forming Color to the Erosion forming Color to the Erosion Color to th	Gullies: using erosion:	Excellent Extensive	Moderate Some	Few Few	Poor None				
		pstream embankment?			No	X				
	At the p	rincipał spillway inlet?	Yes		No	X				
4.	Erosion of the do	wnstream toe of the embankment?	Yes		No	Х				
	Cause of	erosion can be attributed to:								
5.	Is seepage occurr	ing through the dam?	Yes		No	Х				
	Could this seepage cause potential instability? No embankment, this is an incised containment basin.									
SEDMIN	MENT STORAGE CA	PACITY								
1.	Has the design storage capacity of the reservoir been surpassed? YES NOX									
	Explain: Visual ob	servation.								
OTHER (OBSERVATIONS									
	Containment Area is empty. Sediment will be cleaned from containment within 2 months.									

QUARTERLY SEDIMENTATION POND INSPECTION REPORT New Elk Mine- March 5, 2020

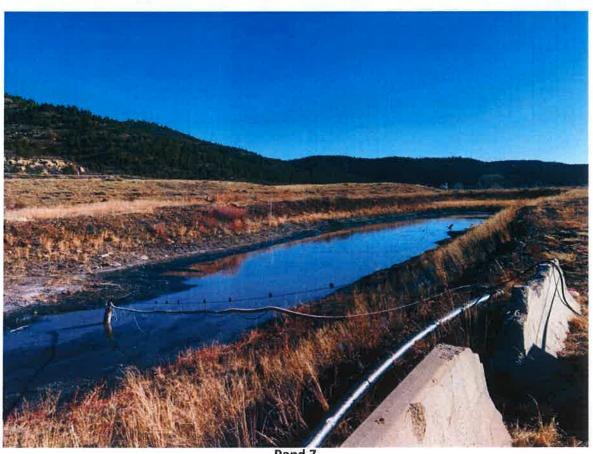


Pond 1





Pond 6



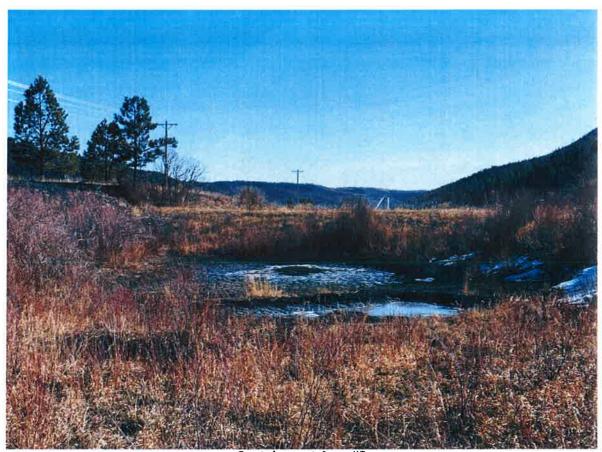
Pond 7



Pond 8



Containment Area #1

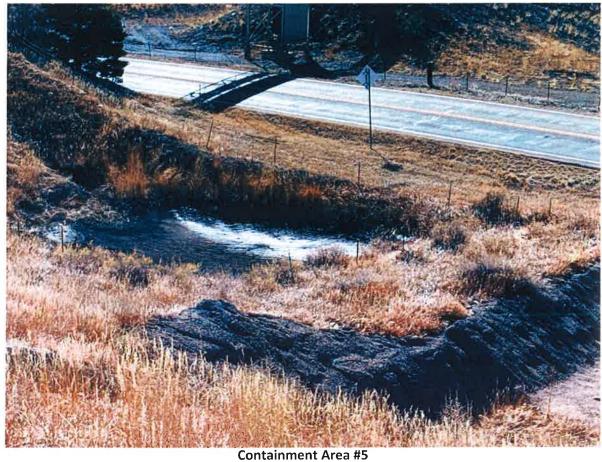


Containment Area #2





Containment Area #4



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. Charles McGlothlin, 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.

Inspector

Date

Charles W. McClothin

Professional Engineer

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