CDMR Rule 4.05.9(17)

Mine:		New Elk		_			
NPDES	ID. No.:	Pond #7		_			
Inspect	ion Period:	Second Quarter	2019	-			
Inspect	ion Date:	6/19/2019		-			
This sec	Il Description or Re diment control por y of the active surf	nd lies east of the	preparation plant		eceives run-off fro	om the	
EMBAN	IKMENT						
1. 2. 3.	Adequacy of the Erosion forming of the Is wave action ca			Excellent Extensive	Moderate Some	Few Few	Poor None
э.		using erosion: upstream embank	ment?	Vec		No	х
		rincipal spillway i			27.	No.	X
	ra che p	mopal spinivay ii		, c3			
4.	Erosion of the do	wnstream toe of	the embankment?	Yes		No	X
	Cause of	f erosion can be a	ttributed to:				
	-						
5.	Is seepage occurr	ring through the d	lam?	Yes		No	X
	Could th	is seepage cause	potential instabilit	y?			
PRINICI	PAL SPILLWAY						
1.	Is the principal sp	illway systom in s	vorking order?	Yes	Χ	No	
2.	Is the inlet free or		•	Yes	X	No	
3.	Is the discharge of			Yes	X	No	
4.	ls erosion occurri			Yes		No	X
	Evaluate the seve	erity:	Extensive	Moderate	Just Starting	None	

			NPDES	S ID. No.:7
MERG	ENCY SPILLWAY			
1.	Does it appear that the emergency spillway has disc	charged water since the la	st inspec	tion?
		YES	NO	Х
2.	Is erosion occurring at any section of the emergence	y spillway?		
		YES	NO	Х
EDMII	MENT STORAGE CAPACITY			
1.	Has the design storage capacity of the reservoir bed	en surpassed? YES	NO	X
	Explain: Visual observation. Pond cleaned in early 2	2017		
THER	OBSERVATIONS			
	Holding little water, nearly dry.			

MSHA CERTIFIED IMPOLINDMENT INSPECTO

MSHA CERTIFIED IMPOUNDMENT INSPECTO

Date: 6-20-2019

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CDMR Rule 4.05.9(17)

Mine:		New Elk		_			
NPDES	ID. No.:	Pond #4		_			
Inspect	tion Period:	Second Quarter	2019				
Inspect	tion Date:	6/19/2019		_			
Genera	al Description or Re	eference to Site F	Plan:				
	diment control por pile flows to this po		•	•	•	m this	
EMBAN	NKMENT						
1.	Adequacy of the	vegetative cover:	:	Excellent	Moderate	Few	Poor
2.	Erosion forming			Extensive	Some	Few	None
3.	Is wave action ca	-					
		ıpstream embanl				No	X
	At the p	rincipal spillway i	niet?	Yes		No	Х
4.	Erosion of the do	wnstream toe of	the embankment?	Yes		No	Х
	Cause of	f erosion can be a	ttributed to:	8 8.			
	:						
5.	Is seepage occurr	ing through the o	dam?	Yes		No	Х
	Could th	is seepage cause	potential instabili	ty?			
PRINICI	PAL SPILLWAY						
1.	Is the principal sp	illway system in v	working order?	Yes	Χ	No	
2.	Is the inlet free of			Yes	X		
3.	Is the discharge o			Yes	X		
4.	Is erosion occurri	ng at the dischare	ge outlet?	Yes		No	X
	Evaluate the seve	rity:	Extensive	Moderate	Just Starting	None	

		NPDES ID. No.: 4
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 emergency spillway?	
		NOX
	YES	NOX
SEDMII	MENT STORAGE CAPACITY	
1.	Has the design storage capacity of the reservoir been surpassed? YES	NOX
	Explain: Visual observation.	
OTHER	OBSERVATIONS	
	Holding little water in the south-east corner of pond.	
	1/2 11 11.	
	in Masuret	
MSHA (CERTIFIED IMPOUNDMENT INSPECTOR	

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Date: 6-20-2019

CDMR Rule 4.05.9(17)

Mine:		New Elk		_			
NPDES	SID. No.:	Pond #1		_			
Inspec	tion Period:	Second Quarter 202	19	=			
Inspec	tion Date:	6/19/2019		_			
Genera	al Description or R	eference to Site Plan	:				
This population	ond is located Wes	t of the industrial buil	lding and serve	s as a mine wate	settling and wate	er storage	!
EMBAI	NKMENT						
1.	Adequacy of the	vegetative cover:		Excellent	Moderate	Few	Poor
2.	Erosion forming	-		Extensive	Some	Few	None
3.	Is wave action ca	-					
		upstream embankme				No	
	At the p	orincipal spillway inlet	[]	Yes		No	X
4.	Erosion of the do	ownstream toe of the	embankment?	Yes		No	X
	Cause o	f erosion can be attri	buted to:				<u> </u>
	-						
5.	Is seepage occur	ring through the dam	1?	Yes		No	X
	Could th	nis seepage cause pot	ential instabilit	y?			
	*						
PRINICI	PAL SPILLWAY						
1.	Is the principal sp	oillway system in wor	king order?	Yes	Χ	No	
2.		f debris and restrictiv		Yes	X	No	
3.		outlet free of restricti		Yes	Χ		
4.	is erosion occurr	ng at the discharge o	outlet?	Yes		No	_X
	Evaluate the seve	erity: Ex	tensive	Moderate	Just Starting	None	

			NPDE	S ID. No.: 1
EMERG	ENCY SPILLWAY			
1.	Does it appear that the emergency spillway has dis	scharged water since the las	t inspec	tion?
		YES	NO	<u>X</u>
2.	Is erosion occurring at any section of the emergen	cy spillway?		
		YES	NO	X
SEDMII	MENT STORAGE CAPACITY			
1.	Has the design storage capacity of the reservoir be	een surpassed? YES	NO	х
	Explain:			
OTHER	OBSERVATIONS			
	Water level continuous to decrease due to evapor	ation. No water has been pu	umped ii	n or released.
	Vine Marcel A.			
	CERTIFIED IMPOUNDMENT INSPECTOR			

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Date: 6-20-2019

CDMR Rule 4.05.9(17)

Mine:		New Elk					
NPDES	5 ID. No.:	Pond #8					
Inspec	tion Period:	Second Quarter 2019					
Inspec	tion Date:	6/19/2019					
Genera	al Description or R	eference to Site Plan:					
	ond lies north of Hi use disposal area.	ghway 12 at the base of t	he refuse disposa	l area. The	pond receives ru	n-off forr	m
EMBAI	NKMENT						
1.		vegetative cover:	Excell		Moderate	Few	Poor
2. 3.	Erosion forming Is wave action ca		Extens	sive	Some	Few	None
5.		upstream embankment?		Yes		No	Х
	At the p	orincipal spillway inlet?		Yes		No	X
4.	Erosion of the do	ownstream toe of the em	bankment?	Yes		No	X
	Cause o	f erosion can be attribute	ed to:				
5.	Is seepage occur	ring through the dam?		Yes		No	X
	Could th	nis seepage cause potenti	al instability?				
							
PRINICI	IPAL SPILLWAY						
1.		oillway system in working		Yes	X	No	-
2. 3.		f debris and restrictive moutlet free of restrictive m		Yes Yes	X	No No	
4.	•	ing at the discharge outle		Yes	<u>. </u>	No	X
	Evaluate the seve	erity: Extens	ive Mode	rate	Just Starting	None	

			NPDE	S ID. No.:	8
/IERG	GENCY SPILLWAY				
1.	Does it appear that the emergency spillway has o	discharged water since t	he last inspec	tion?	
		YES	NO	Х	_
2.	Is erosion occurring at any section of the emerge	ency spillway?			
		YES	NO	Х	_
DMI	MENT STORAGE CAPACITY				
1.	Has the design storage capacity of the reservoir by	been surpassed? YES	NO	Х	_
	Explain: Visual observation. Sediment cleaned or	ut in May 2018			
					_
HER	OBSERVATIONS				
	Holding little water, nearly dry. No increase in se	diment deposits this qu	arter.		
					_
					_
					_
					_
					_

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Date: 6-20-2019

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Mine:	New Elk Pond 6	-			
NPDES ID. No.:	None	_			
Inspection Period:	Second Quarter 2019	=			
Inspection Date:	6/19/2019	_			
General Description or R	teference to Site Plan:				
_	ing facility designed to contain plant is now used to dewater other ponds		•	een idle	
EMBANKMENT					
 Erosion forming Is wave action c 		Excellent Extensive Yes	Moderate Some	Few Few No	Poor None
	principal spillway inlet?			No	Χ
4. Erosion of the d	ownstream toe of the embankment	? Yes		No	Х
Cause o	of erosion can be attributed to:				
5. Is seepage occur	ring through the dam?	Yes		No	X
Could t	his seepage cause potential instabili				
SEDMIMENT STORAGE C					
1. Has the design s	torage capacity of the reservoir beer	n surpassed? YES	NO	X	=
Explain: No desi	gn capacity.				
OTHER OBSERVATIONS					
Water level is ve	ry low.				
Viny Moss	eA ·		4		
MSHA CERTIFIED IMPOU	NDMENT INSPECTOR				
Date: 6-20-20	119				

CDMR Rule 4.05.9(17)

Mine:	New Elk WP Containment #1				
NPDES ID. No.:	None	_			
Inspection Period:	Second Quarter 2019	_			
Inspection Date:	6/19/2019	- -			
General Description or F	Reference to Site Plan:				
This containment basin i Warehouse area.	s a non-discharging facility designed	to contain run-c	off from the West	Portal	
EMBANKMENT					
 Erosion forming Is wave action on the 	ausing erosion: upstream embankment?		Moderate Some	Few Few No No	
At the	principal spillway inlet?	res			
4. Erosion of the d	ownstream toe of the embankment	? Yes		No	X
Cause	of erosion can be attributed to:	3			
5. Is seepage occu	rring through the dam?	Yes		No	Х
Could t	this seepage cause potential instabili	ty?			
SEDMIMENT STORAGE O	CAPACITY				
1. Has the design s	storage capacity of the reservoir bee	n surpassed? YES	NO	X	72.
Explain: Visual	observation.				
OTHER OBSERVATIONS					
Containment ar	ea empty at time of inspection.				
· <u>-</u>				5/8	
Vina Mosa	ult -			×	
MSHA CERTIFIED IMPOL	INDMENT INSPECTOR				
Date: 4-20-2	019				

CDMR Rule 4.05.9(17)

Mine:	New Elk WP Containment #2				
NPDES ID. No.:	None	_2			
Inspection Period:	Second Quarter 2019	_			
Inspection Date:	6/19/2019	_			
General Description or I	Reference to Site Plan:				
This containment basin i airshaft and manway are	s a non-discharging facility designed eas.	to contain run-c	off from the West	Potal	
EMBANKMENT					
	Gullies: ausing erosion: upstream embankment?		Moderate Some	Few Few No	Poor None
At the	principal spillway inlet?	Yes		No	Х
4. Erosion of the d	ownstream toe of the embankment	? Yes		No	Х
Cause	of erosion can be attributed to:	à			
5. Is seepage occu	rring through the dam?	Yes		No	Х
Could t	his seepage cause potential instabil	ity?			
SEDMIMENT STORAGE O	APACITY				_
1. Has the design s	torage capacity of the reservoir bee	n surpassed? YES	NO	X	_
Explain: Visual o	observation.				
OTHER OBSERVATIONS					
<u>Cleaned last yea</u>	r, small amount of water.				
					_
Vine Mes			2 8° a		-61
MSHA CERTIFIED IMPOU					
Date: 6-20-20	19				

CDMR Rule 4.05.9(17)

Mine:	New Elk RDA Containment SW	_			
NPDES ID. No.:	None	-			
Inspection Period:	Second Quarter 2019				
Inspection Date:	6/19/2019	_			
General Description or	Reference to Site Plan:				
	ntainment basin is a non-discharging f lt conveyor and south of Highway 12	• –	to contain run-off	from the	!
EMBANKMENT					
2. Erosion forming3. Is wave action	causing erosion:	Excellent Extensive	Moderate Some	Few Few	Poor None
	e upstream embankment? principal spillway inlet?			No	
	downstream toe of the embankment?				Х
Cause	of erosion can be attributed to:	7 <u></u>			
	urring through the dam?	52.52.0		30	X
Could <u>basin.</u>	this seepage cause potential instabili				<u>ainment</u>
SEDMIMENT STORAGE					
Has the design	storage capacity of the reservoir bee	n surpassed?			
1. Has the design	storage dapastry or the received and	YES	NO	X	
Explain: <u>Visual</u>	observation.			_	
OTHER OBSERVATIONS					
Containment A	rea is empty.				
Vinu Maseur	A.	p ^r			
MSHA CERTIFIED IMPO	JNDMENT INSPECTOR				
Date: 6-20-201	9				

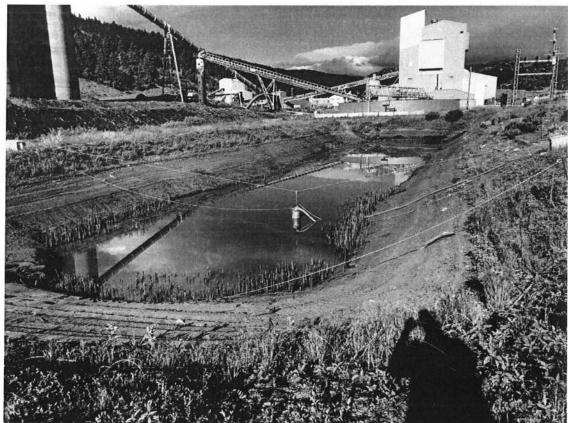
CDMR Rule 4.05.9(17)

Mine:	New Elk RDA Containment SE	- :			
NPDES ID. No.:	None	→			
Inspection Period	: Second Quarter 2019	_			
Inspection Date:	6/19/2019	_			
General Descripti	on or Reference to Site Plan:				
This partially incis area east of the R	ed containment basin is a non-discharging t DA belt conveyor and south of Highway 12.	facility designed	to contain run-of	f from the	9
EMBANKMENT					
 Erosion for the second s	y of the vegetative cover: orming Gullies: ction causing erosion: On the upstream embankment? At the principal spillway inlet?		Moderate Some	Few Few No No_	Poor None X
	f the downstream toe of the embankment?				
	Cause of erosion can be attributed to:	-		No	
5. Is seepage	e occurring through the dam?	Yes		No	Х
(Could this seepage cause potential instabilit	y?			
SEDMIMENT STOR	AGE CAPACITY				<u>==</u>
		surpassed? YES	NO	Х	
	isual observation.				
OTHER OBSERVATI					
<u>Containme</u>	ent Area is empty.			•	
Vni Ma	ment !		ik.		
	MPOUNDMENT INSPECTOR				
Date: 6-20-0	1019				

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Mine:	New Elk RDA Containment North	_			
NPDES ID. No.:	None	_			
Inspection Period:	Second Quarter 2019	_			
Inspection Date:	6/19/2019	_			
General Description or R	Reference to Site Plan:				
This partially incised con RDA belt conveyor area	tainment basin is a non-discharging north of Highway 12.	facility designed	to contain run-of	f from the	
EMBANKMENT					
 Erosion forming Is wave action c 	ausing erosion:	Excellent Extensive	Moderate Some	Few Few	Poor None
	upstream embankment?			No	X
At the	principal spillway inlet?	Yes		No	Х
4. Erosion of the d	ownstream toe of the embankment	? Yes		No	X
Cause	of erosion can be attributed to:				
					
5. Is seepage occu	rring through the dam?	Yes		No	Х
Could this seepage cause potential instability? No embankment, this is an incised containment basin.					
SEDMIMENT STORAGE O	CAPACITY				
Has the design storage capacity of the reservoir been surpassed? YES NOX NOX NO					
Explain: Visual	observation.				
OTHER OBSERVATIONS					
Containment Ar	ea is holding water. Sediment can b	e removed if cor	ditions allow.		_
-					
MSHA CERTIFIED IMPOL	JNDMENT INSPECTOR		S.,		
Date: 6-20-20/					
Date: (i) ac ac	•				

QUARTERLY SEDIMENTATION POND INSPECTION REPORT New Elk Mine- June 19, 2019



Pond 6



Pond 8



Containment Area #1



Containment Area #2



Containment Area RDA North

