CDMR Rule 4.05.9(17)

Mine:		New Elk		=			
NPDES	5 ID. No.:	Pond #1		_			
Inspec	tion Period:	Third Quarter 2	2019	_			
Inspec	tion Date:	9/19/2019					
Gener	al Description or R	eference to Site	Dian•				
	-		l building and serve	es as a mine wate	er settling and wat	er storage	e
EMBAI	NKMENT						
1. 2. 3.			r:	Excellent Extensive	Moderate Some	Few Few	Poor None
3.	On the	upstream embar orincipal spillway				No	
4.	Erosion of the de	ownstream toe o	f the embankment	? Yes		No	Χ
	Cause o	of erosion can be	attributed to:				
5.	ls seepage occur	ring through the	dam?	Yes		No	X
	Could t	his seepage cause	e potential instabili	ity?			
	¥						
PRINIC	IPAL SPILLWAY						
1. 2.	Is the principal s	pillway system in of debris and rest		Yes Yes	X		
3. 4.	Is the discharge		trictive material?	Yes Yes	X		
	Evaluate the sev	_	Extensive	Moderate	Just Starting	None	e

		NPDES ID. No.: 1						
EMERG	GENCY SPILLWAY							
1.	1. Does it appear that the emergency spillway has discharged water since the last inspection?							
	YES	NOX						
2.	Is erosion occurring at any section of the emergency spillway?							
	YES	NOX						
SEDMI	MENT STORAGE CAPACITY							
1,	Has the design storage capacity of the reservoir been surpassed? YES	NOX						
	Explain: No sediment in pond							
	<u> </u>							
OTHER	OBSERVATIONS							
	Water level continuous to decrease due to evaporation. No water has been	pumped in or released.						
	Dond lives in a cod weating condition at time of inspection							
	Pond liner is in good working condition at time of inspection.							
		A						

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Mino Massara A Mino M

Date: 9-19-2019

CDMR Rule 4.05.9(17)

Mine:		New Elk		_			
NPDES	SID. No.:	Pond #4					
Inspec	tion Period:	Third Quarter 2	2019	_			
Inspec	tion Date:	9/19/2019		_			
Gener	al Description or R	eference to Site	Plan:				
	diment control po pile flows to this p		· ·			form this	
EMBAI	NKMENT						
1.	Adequacy of the	vegetative cover	·:	Excellent	Moderate	Few	Poor
2.	Erosion forming			Extensive	Some	Few	None
3.	Is wave action ca	ausing erosion: upstream emban	lens on to	Van		NI-	V
		orincipal spillway				No No	
				100			
4.	Erosion of the do	ownstream toe o	f the embankment	? Yes		No	X
	Cause o	f erosion can be	attributed to:				
							
5.	Is seepage occur	ring through the	dam?	Yes		No	X
	Could th	nis seepage cause	e potential instabili	ty?			
PRINIC	IPAL SPILLWAY						
1.	Is the principal sp	oillway system in	working order?	Yes	X	No	
2.	Is the inlet free o			Yes	X	No	T ALL T
3.	Is the discharge of			Yes	X	No	
4.	Is erosion occurri	ing at the dischar	ge outlet?	Yes		No	X
	Evaluate the seve	erity:	Extensive	Moderate	Just Starting	None	

			NPDES	ID. No.: 4
EMERG	SENCY SPILLWAY			
1.	Does it appear that the emergency spillway has dis	charged water since the la	st inspect	ion?
		YES	NO	X
2.	Is erosion occurring at any section of the emergence	cy spillway?		
		YES	NO	X
SEDMI	MENT STORAGE CAPACITY			
1.	Has the design storage capacity of the reservoir be	en surpassed? YES	NO	Χ
	Explain: Visual observation.			
OTHER	OBSERVATIONS			
	Pond is holding water but is not close to dischargin	ing.		
				7

Wine Massaratt'
MSHA CERTIFIED IMPOUNDMENT INSPECTOR

Date: 9-19-20/9

Page 2 of 2

CDMR Rule 4.05.9(17)

Mine:		New Elk		<u></u>				
NPDES	ID. No.:	Pond #7		_				
Inspec	tion Period:	Third Quarter 2	2019					
Inspec	tion Date:	9/19/2019		- .				
Genera	al Description or R	Reference to Site I	Plan:					
			e preparation plant a lying south of Sta		eceives run	-off fro	m the	
majorn	ty of the delive sur	race racing area	a tyling south of Sta	te mgmway 12.				
EMBAN	NKMENT							
1.		e vegetative cover	••	Excellent	Moderate	3	Few	Poor
2.	Erosion forming	•	•	Extensive	Some	-	Few	None
3.	Is wave action c	_						20
		upstream emban					No	X
	At the p	principal spillway	iniet?	res			No	Х
4.	Erosion of the de	ownstream toe of	f the embankment?	Yes			No	X
	Cause o	of erosion can be a	attributed to:					
5.	Is seepage occur	rring through the	dam?	Yes			No	X
	Could t	his seepage cause	e potential instabilit	y?				
DDINICI	PAL SPILLWAY							
FRINCI	FALSFILLWAT							
1.		pillway system in		Yes	X		No	8-11
2.		of debris and restr		Yes	X		No	
3. 4	_	outlet free of rest		Yes	X		No	V
4.	is erosion occurr	ing at the dischar	Re ontiet?	Yes			No	Χ
	Evaluate the sev	erity:	Extensive	Moderate	Just Starti	ng	None	

			NPDES	5 ID. No.: <u>7</u>
EMERG	GENCY SPILLWAY			
1.	Does it appear that the emergency spillway has d	ischarged water since th	ne last inspec	tion?
		YES	NO	X
2.	Is erosion occurring at any section of the emerger	ncy spillway?		
		YES	NO	X
SEDMI	MENT STORAGE CAPACITY			
1.	Has the design storage capacity of the reservoir b	een surpassed? YES	NO	X
	Explain: Visual observation. Pond cleaned in early	y 2017.		
OTHER	OBSERVATIONS			
	Pond is holding a small amount of water, almost of	dry.		
	-			

MSHA CERTIFIED IMPOUNDMENT INSPECTOR

Date: 9-/9-20/9

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CDMR Rule 4.05.9(17)

Mine:	New Elk				
NPDES ID. No.:	Pond #8				
Inspection Period:	Third Quarter 2019				
Inspection Date:	9/19/2019				
General Description or	Reference to Site Plan:				
This pond lies north of the refuse disposal are	Highway 12 at the base of th	ne refuse disposal area.	The pond receives r	un-off forr	m
EMBANKMENT					
	ne vegetative cover:	Excellent	Moderate	Few	Poor
2. Erosion formir	_	Extensive	Some	Few	None
	causing erosion: e upstream embankment?	Ves		No	X
	e principal spillway inlet?			No	Х
	downstream toe of the emb	pankment? Yes		No	Х
Cause	e of erosion can be attribute	d to:			
5. Is seepage occ	urring through the dam?	Yes		No	Х
Could	this seepage cause potentia	al instability?			
PRINICIPAL SPILLWAY					
	spillway system in working		Andrew Control of the		
	e of debris and restrictive m				
_	e outlet free of restrictive m		X	No No	X
4. Is erosion occu	irring at the discharge outle	tr Yes		INO	^
Evaluate the s	everity: Extens	ive Moderate	Just Starting	None	

			NPDE	S ID. No.: <u>8</u>
EMERG	ENCY SPILLWAY			
1.	Does it appear that the emergency spillway has	discharged water since t	he last inspec	tion?
		YES	NO	X
2.	Is erosion occurring at any section of the emerg	gency spillway?		
	3 , .		NO	V
		YES	NO	X
EDMII	MENT STORAGE CAPACITY			
1.	Has the design storage capacity of the reservoir	been surpassed? YES	NO	X
	Explain: <u>Visual observation. Sediment cleaned</u>	out in May 2018		
THER	OBSERVATIONS			
	Pond is holding little water. Sediment currently	in pond is leftover sedim	ent from rece	ent cleaning.
	No new sediment has been deposited.			
				-
. /				
Vw	LERTIFIED IMPOUNDMENT INSPECTOR			
ISHA C	ERTIFIED IMPOUNDMENT INSPECTOR			

Page **2** of **2**

Date: 9-19-2019

CDMR Rule 4.05.9(17)

Mine:	New Elk Pond 6	_				
NPDES ID. No.:	None	=				
Inspection Period:	Third Quarter 2019	_				
Inspection Date:	9/19/2019	_				
General Description or I	Reference to Site Plan:					
_	ing facility designed to contain plant is now used to dewater other ponds		•	een idle		
EMBANKMENT						
 Erosion forming Is wave action of 	ausing erosion:	Excellent Extensive	Moderate Some	Few Few	Poor None	
	upstream embankment?				X	
At the	principal spillway inlet?	Yes		NO	Х	
4. Erosion of the d	ownstream toe of the embankment?	? Yes	<u></u>	No	Х	
Cause o	of erosion can be attributed to:	7				
5. Is seepage occu	rring through the dam?	Yes		No	X	
Could t	his seepage cause potential instabili	ty?				
SEDMIMENT STORAGE O	APACITY					
		12				
 Has the design s 	torage capacity of the reservoir beer	n surpassed? YES	NO	Х	_	
Explain: <u>No des</u>	ign capacity.					
OTHER OBSERVATIONS						
Water level is lo	w, not close to full.			,		
-				100		
Vince Massoratti						
MSHA CERTIFIED IMPOU	NDMENT INSPECTOR					
Date: 9-19-2019	•					

CDMR Rule 4.05.9(17)

Mine:	New Elk WP Containment #1				
NPDES ID. No.:	None	_			
Inspection Period:	Third Quarter 2019	_			
Inspection Date:	9/19/2019	_			
General Description or F	Reference to Site Plan:				
This containment basin is Warehouse area.	s a non-discharging facility designed	l to contain run-c	off from the West	Portal	
EMBANKMENT					
2. Erosion forming3. Is wave action c		Excellent Extensive	Moderate Some	Few Few No	Poor None
	principal spillway inlet?			No	
4. Erosion of the d	ownstream toe of the embankment			No	Х
Cause o	of erosion can be attributed to:				
5. Is seepage occur	rring through the dam?	Yes		No	Х
Could t	his seepage cause potential instabil	ity?			
SEDMIMENT STORAGE C	APACITY				_
1. Has the design s	torage capacity of the reservoir bee	en surpassed? YES	NO	Х	_
Explain: <u>Visual c</u>	observation.				
OTHER OBSERVATIONS					
Containment are	ea empty with no sediment at time	of inspection.			_
Vine Massa	rottó		Je Je		
MSHA CERTIFIED IMPOU	INDMENT INSPECTOR				
Date: 9-19-2019	9				

CDMR Rule 4.05.9(17)

Mine:	New Elk WP Containment #2	<u>=</u>			
NPDES ID. No.:	None	_			
Inspection Period:	Third Quarter 2019	-			
Inspection Date:	9/19/2019				
General Description or	Reference to Site Plan:				
This containment basin airshaft and manway ar	is a non-discharging facility designed eas.	to contain run-c	off from the West	Potal	
EMBANKMENT					
 Adequacy of th Erosion forming Is wave action of 	_	Excellent Extensive	Moderate Some	Few Few	Poor None
	upstream embankment?	Yes		No	Χ
	principal spillway inlet?			No	Х
4. Erosion of the o	lownstream toe of the embankment	? Yes		No	Х
Cause	of erosion can be attributed to:				
	rring through the dam?	2,			Х
SEDMIMENT STORAGE (·				_
1. Has the design	storage capacity of the reservoir bee	n surpassed? YES	NO	X	
Explain: Visual	observation.				
OTHER OBSERVATIONS					
Cleaned last yea	r, small amount of water in containr	nent.			
Viny Masserio	#		5-F	20 a la	ų ;
	NDMENT INSPECTOR				
Date: 9-/9-20/	9				

CDMR Rule 4.05.9(17)

Mine:	New Elk RDA Containment North	_				
NPDES ID. No.:	None	_				
Inspection Period:	Third Quarter 2019	_				
Inspection Date:	9/19/2019					
General Description or F	Reference to Site Plan:					
This partially incised con	tainment basin is a non-discharging north of Highway 12.	facility designed	to contain run-of	f from the	2	
EMBANKMENT						
 Erosion forming Is wave action of 		Excellent Extensive Yes	Moderate Some	Few Few No	Poor None	
	principal spillway inlet?			No		
4. Erosion of the d	ownstream toe of the embankment	? Yes		No	Х	
Cause	of erosion can be attributed to:	** <u></u>				
5. Is seepage occu	rring through the dam?	Yes		No	Х	
	this seepage cause potential instabil			cised cont	<u>ainment</u> —	
SEDMIMENT STORAGE (CAPACITY					
1. Has the design s	storage capacity of the reservoir bee	en surpassed? YES	NO_	X		
Explain: <u>Visual</u>	observation.					
OTHER OBSERVATIONS						
Containment Area is holding water. Sediment will be cleaned from pond within 6 months.						
-						
Vimo Wassurotti						
	INDMENT INSPECTOR					
Date: 9-19-2019						

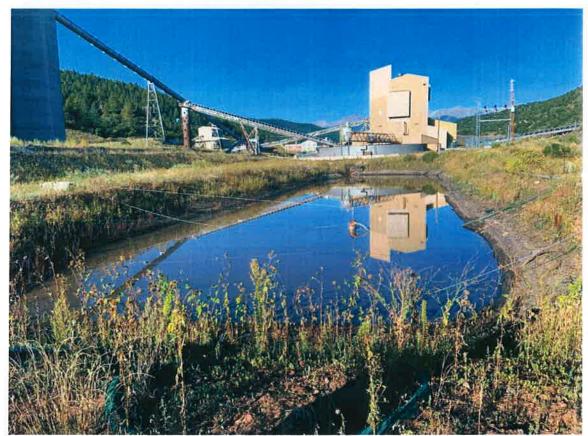
CDMR Rule 4.05.9(17)

Mine:	New Elk RDA Containment SE	_			
NPDES ID. No.:	None	-			
Inspection Period:	Third Quarter 2019				
Inspection Date:	9/19/2019	<u>~</u>			
General Description or I	Reference to Site Plan:				
	tainment basin is a non-discharging f t conveyor and south of Highway 12.		to contain run-of	f from the	:
EMBANKMENT					
 Adequacy of the Erosion forming Is wave action of 		Excellent Extensive	Moderate Some	Few Few	Poor None
On the	upstream embankment?	Yes		No	X
At the	principal spillway inlet?	Yes		No	X
4. Erosion of the d	lownstream toe of the embankment?	? Yes		No	Х
Cause	of erosion can be attributed to:	-			
5. Is seepage occu	rring through the dam?	Yes		No	Х
Could t	this seepage cause potential instability				
SEDMIMENT STORAGE O	CAPACITY	*			
1. Has the design s	storage capacity of the reservoir beer	n surpassed? YES	NO	Х	
Explain: Visual	observation.				
OTHER OBSERVATIONS					
Containment Ar	ea is dry.		v		
-					_
# 2015=1 * *					
Vinco Massu	rett'		Lindle	i a dire	13
MSHA CERTIFIED IMPOU	INDMENT INSPECTOR				
Date: 9-19-2019					

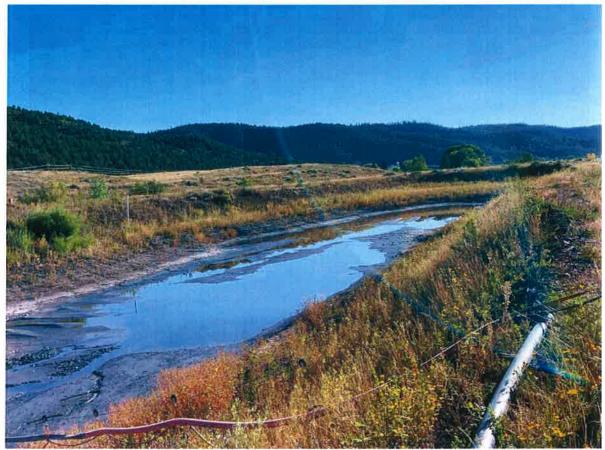
CDMR Rule 4,05.9(17)

Mine:	New Elk RDA Containment SW	<u> </u>					
NPDES ID. No.:	None	_					
Inspection Period:	Third Quarter 2019	_					
Inspection Date:	9/19/2019						
General Description or F	Reference to Site Plan:						
	tainment basin is a non-discharging f t conveyor and south of Highway 12		to contain run-off	f from the	2		
EMBANKMENT							
 Erosion forming Is wave action c 	ausing erosion:	Excellent Extensive	Moderate Some	Few Few	Poor None		
	upstream embankment? principal spillway inlet?	200	*	No			
At the	principal spiliway inlet:	163		110			
4. Erosion of the d	ownstream toe of the embankment?	? Yes		No	X		
Cause	of erosion can be attributed to:	I					
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 YES NOX							
Explain: Visual observation.							
OTHER OBSERVATIONS							
Containment Ar	ea is dry.		=				
				*			
Vince Massan	A.		Aim	ь.			
MSHA CERTIFIED IMPOUNDMENT INSPECTOR							
Date: 9-19-2016	7						

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



Pond 6



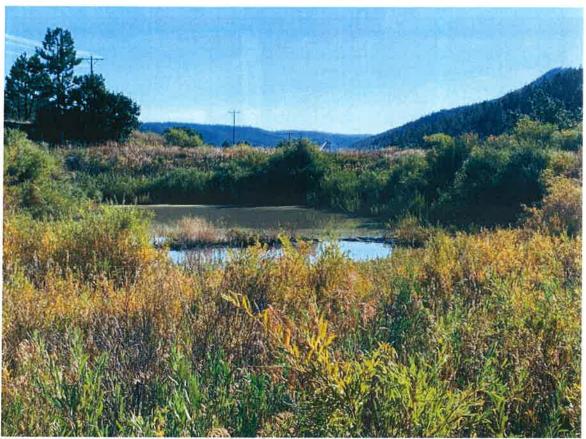
Pond 7



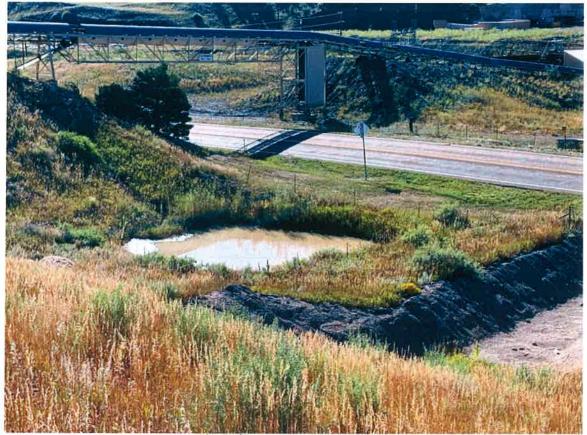
Pond 8



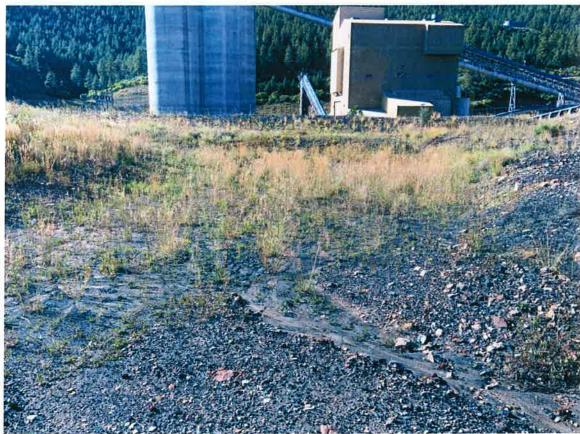
Containment Area #1



Containment Area #2



Containment Area RDA North



Pond RDA Southeast



Containment Area RDA Southwest