Mine:		Lorencito		===			
NPDES II	D. No.:	Pond #5		<u></u>			
Inspection	on Period:	First Quarte	er 2023				
Inspection	on Date:	3/14/2023		==			
	-	on or Reference to S					
bedrock	and the e	d West of the area mbankment keyed i nto Cow Canyon dra	of mining scheduled font of mining scheduled fon of mininge.	or 2001-2002. The es are less than 2	e pond is partially 2H:1V. The primar	incised int y	to
EMBAN	KMENT						
		5.1		E 11	Moderate	Forte	Poor
1.		of the vegetative comming Gullies:	over:	Excellent Extensive	Some	Few Few	None
2. 3.		ction causing erosio	n·	EXTENSIVE	Joine		
٥.		On the upstream en		Yes		No	Χ
		At the principal spill		Yes		No	Х
4.	Erosion o	f the downstream t	oe of the embankmen	t? Yes	<del>=</del>	No	X
		Cause of erosion car	be attributed to:				
5.	ls seepag	e occurring through	the dam?	Yes		No	X
		Could this seepage o	cause potential instabi	lity?			
	ŧ						
PRINICI	PAL SPILL	WAY					
1.	Is the pri	ncipal spillway syste	m in working order?	Yes_	X	No	
2.			restrictive material?	Yes_	X		
3.		0	f restrictive material?	Yes_	X		
4.	Is erosior	occurring at the di	scharge outlet?	Yes_		No	X
	Evaluate	the severity:	Extensive	Moderate	Just Starting	None	

			NPDES ID. No.:
EMERG	ENCY SPILLWAY		
1.	Does it appear that the emergency spillway has	discharged water since th	ne last inspection?
		YES	NOX
2.	Is erosion occurring at any section of the emerg	ency spillway?	
		YES	NOX
SEDMII	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the reservoir	been surpassed? YES	NOX
	Explain: Sediment in pond does not appear to b	e over capacity by visual	inspection.
OTHER	OBSERVATIONS		
	Pond was empty at time of inspection.		
	<u> </u>		

Mine:		Lorencito		=			
NPDES I	ID. No.:	Pond #6		_			
Inspecti	ion Period:	First Quarter 20	023	==			
Inspecti	ion Date:	3/14/2023		<u></u>			
This poi	nd is located sout drock and the em		nining scheduled fo into bedrock. Side				
EMBAN	IKMENT						
1. 2.	Adequacy of the	e vegetative cove	r:	Excellent Extensive	Moderate Some	Few Few	Poor
3.	Is wave action of	4		Extensive	331113		
э.		ausing erosion. e upstream embar	akment?	Ves		No	Χ
		principal spillway				No	X
	At the	principal spiliway	illet:	103		149	<del>-</del>
4.	Erosion of the c	downstream toe o	of the embankment	? Yes		No	Х
	Cause	of erosion can be	attributed to:	*			
	<u> </u>					N.	
5.	Is seepage occu	irring through the	e dam?	Yes		NO	Χ
	Could	this seepage caus	e potential instabil	ity?			
PRINIC	IPAL SPILLWAY						
1	le the principal	spillway system i	n working order?	Yes	X	No	
1.		of debris and res		Yes			
2.			strictive material?	Yes_			
3. 4.		rring at the discha		Yes_			Χ
4.	is erosion occu	iring at the disch	arge outlet!	162		1,0	
	Evaluate the se	verity:	Extensive	Moderate	Just Starting	None	

			NPDES	ID. No.:_	6
EMERG	ENCY SPILLWAY				
1.	Does it appear that the emergency spillway has dis	charged water since the las	t inspect	ion?	
		YES	NO	Х	_
2.	Is erosion occurring at any section of the emergence	:y spillway?			
		YES	NO	Х	_
SEDMI	MENT STORAGE CAPACITY				
1.	Has the design storage capacity of the reservoir be	en surpassed? YES	NO	Х	<del></del> 5
	Explain: Visual observation				
OTHER	OBSERVATIONS				
	Pond was holding minimal water at time of inspect	ion. Flume box needs to be	cleaned.	3	
	-				
					=

Mine:		Lorencito		<del></del>			
NPDES	ID. No.:	Pond #7		_			
Inspecti	ion Period:	First Quarter	2023	<del></del> :			
Inspecti	ion Date:	3/14/2023					
Genera	l Description or	Reference to Sit	e Plan:				
into bed	nd is located sou drock and the en ges south into Je	nbankment keye	f mining scheduled f d into bedrock. Side nge.	or 2001-2002. The slopes are less t	ne pond is partially han 2H:1V. The po	incised imary	
EMBAN	IKMENT						
1.	Adequacy of th	e vegetative cov	ver:	Excellent	Moderate	Few	Poor
2.	Erosion formin			Extensive	Some	Few	None
3.	Is wave action	causing erosion:					
	On the	e upstream emb	ankment?	Yes		No	Χ
	At the	principal spillwa	ay inlet?	Yes		No	X
4.	Erosion of the	downstream toe	of the embankmen	t? Yes_		No	Χ
	Cause	of erosion can b	e attributed to:	-			
5.	Is seepage occi	urring through th	ne dam?	Yes_		No	X
	Could	this seepage ca	use potential instabi	lity?			
PRINICI	PAL SPILLWAY						
1.	Is the principal	spillway system	in working order?	Yes_	X	No	
2.			estrictive material?	Yes_	X	No	
3.			estrictive material?	Yes_	X	No	
4.		rring at the disc		Yes_		No	X
	Evaluate the se	everity:	Extensive	Moderate	Just Starting	None	
		, .			U		

			NPDES ID. No.: 7
EMERG	ENCY SPILLWAY		
1.	Does it appear that the emergency spillway has disc	harged water since the last	t inspection?
		YES	NOX
2.	Is erosion occurring at any section of the emergency	/ spillway?	
		YES	NOX
SEDMII	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the reservoir bee	n surpassed? YES	NOX
	Explain: Visual observation		
OTHER	OBSERVATIONS		
	Pond was dry at time of inspection.		
	-		

CDMR Rule 4.05.9(17)

Mine:		Lorencito		=			
NPDES I	D. No.:	Pond #8		=			
Inspection	on Period:	First Quarter 202	23	<b>5</b>			
Inspection	on Date:	3/14/2023		-			
This por	nd is located sout drock and the emi	deference to Site P h of the area of mi bankment keyed in f Canyon drainage	ining scheduled for nto bedrock. Side s	r 2001-2002. The slopes are less th	pond is partially an 2H:1V. The pr	incised imary	
EMBAN	KMENT						
1.	Adequacy of the	e vegetative cover:		Excellent	Moderate	Few	Poor
2.	Erosion forming	Gullies:		Extensive	Some	Few	None
3.	Is wave action ca	ausing erosion:					
	On the	upstream embank	kment?	Yes		No	X
	At the	principal spillway i	nlet?	Yes		No	X
4.	Erosion of the d	ownstream toe of	the embankment?	Yes		No	Х
	Cause o	of erosion can be a	attributed to:	H-			
5.	ls seepage occur	rring through the o	dam?	Yes		No	X
	Could t	this seepage cause	potential instabili	ty?			
PRINICI	PAL SPILLWAY						
1.	Is the principal s	spillway system in	working order?	Yes	Χ	No	
2.		of debris and restr		Yes	X	No	
3.		outlet free of rest		Yes	X	No	
3. 4.		ring at the dischar		Yes		No	Х
٦,	,5 (105,011 00001	8 44 4.70 4,541141	0		;	-	
	Evaluate the sev	verity:	Extensive	Moderate	Just Starting	None	

Evaluate the severity:

			NPDES ID. No.:8
EMERG	ENCY SPILLWAY		
1.	Does it appear that the emergency spillway has discha	arged water since the last	inspection?
		YES	NOX
2.	Is erosion occurring at any section of the emergency s	:pillway?	
		YES	NOX
SEDMIN	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the reservoir been	•	NOX
	Explain: Visual observation		
OTHER	OBSERVATIONS		
	Pond was holding a little water at time of inspection. F	lume box needs to be cle	aned.
	E		

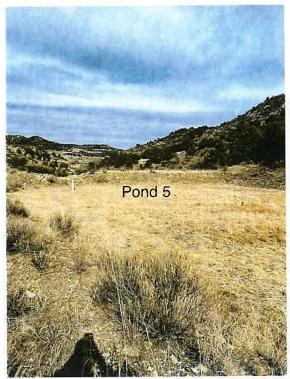
Mine:		Lorencito		3/			
NPDES I	ID. No.:	Pond #9 (North)		<del>-</del> ;			
Inspecti	ion Period:	First Quarter 202	3	크			
Inspecti	ion Date:	3/14/2023		-			
Genera	l Description or R	teference to Site Pl	an:				
into bed	drock and the em	th of the area of mir bankment keyed in small unnamed drai	to bedrock. Side s				
EMBAN	IKMENT						
1.	Adequacy of the	e vegetative cover:		Excellent	Moderate	Few	Poor
2.	Erosion forming			Extensive	Some	Few	None
3.	Is wave action o	ausing erosion:					
	On the	upstream embank	ment?	Yes		No	X
	At the	principal spillway ir	ilet?	Yes		No	Х
4.	Erosion of the d	lownstream toe of t	the embankment	Yes		No	X
	Cause	of erosion can be a	ttributed to:				
5,	ls seepage occu	rring through the d	am?	Yes		No	Х
	Could t	this seepage cause	potential instabili	ty?			
	-						
PRINICI	IPAL SPILLWAY						
1.	Is the principal	spillway system in v	working order?	Yes	X	No	
2.		of debris and restri		Yes	X	No	
3.		outlet free of restr		Yes	X	No	
4.		ring at the discharg		Yes		No	Х
	Evaluate the se		Extensive	Moderate	Just Starting	None	

				NPDES	ID. No.:	9
EMERG	ENCY SPILLWAY					
1.	Does it appear that the emergency spillway h	has discharged	water since the	e last inspect	ion?	
		YES		NO	Х	
2.	Is erosion occurring at any section of the em	ergency spillwa	ay?			
		YES		NO	Х	=
SEDMII	MENT STORAGE CAPACITY					
1.	Has the design storage capacity of the reserv		assed?	NO	Х	
	Explain: Visual observation					
	V					2
OTHER	OBSERVATIONS					
	Pond was dry at time of inspection. No Issue	s				
	a <del></del>					

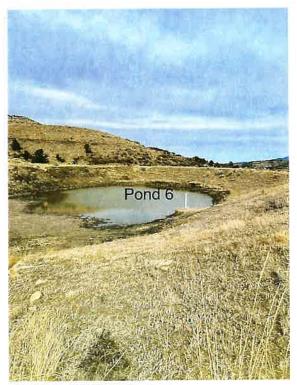
Mine:		Lorencito		=			
NPDES I	ID. No.:	Pond #9A (South	n)	≄			
Inspecti	ion Period:	First Quarter 20	23	_			
Inspecti	ion Date:	3/14/2023		=			
Genera	l Description or R	eference to Site P	lan:				
into bed	nd is located sout drock and the eml ges south into Jef	bankment keyed i	ining scheduled fonto bedrock. Side	or 2001-2002. The slopes are less th	e pond is partially aan 2H:1V. The pr	incised imary	
EMBAN	IKMENT						
1.	Adequacy of the	e vegetative cover	:	Excellent	Moderate	Few	Poor
2.	Erosion forming			Extensive	Some	Few	None
3.	Is wave action c	ausing erosion:					
	On the	upstream emban	kment?	Yes		No	X
	At the	principal spillway i	inlet?	Yes		No	X
4.	Erosion of the d	ownstream toe of	the embankment	? Yes		No	X
	Cause	of erosion can be a	attributed to:				
_	-		do-a-2	Vor		No	X
5	is seepage occu	rring through the	dam :	res		NO	_^
	Could t	this seepage cause	potential instabil	ity?			
	-						
PRINIC	IPAL SPILLWAY						
1	le the principal	spillway system in	working order?	Yes	Χ	No	
1. 2.		of debris and rest		Yes	X		
3.		outlet free of rest		Yes	X	No	
3. 4.		ring at the dischar		Yes		No	Х
۲,	.5 51 551511 56641						
	Evaluate the sev	verity:	Extensive	Moderate	Just Starting	None	

			NPDES ID. No.: 9A
EMERG	SENCY SPILLWAY		
1.	Does it appear that the emergency spillway ha	s discharged water since the	last inspection?
		YES	NOX
2.	Is erosion occurring at any section of the emer	gency spillway?	
		YES	NOX
SEDMII	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the reservoi	ir been surpassed? YES	NOX
	Explain: Visual observation		
	·		
OTHER	OBSERVATIONS		
	Pond was holding a small amount of water at t	ime of inspection. Flume box	needs to be cleaned.
	E		

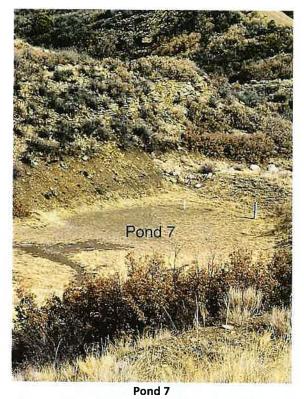
### QUARTERLY SEDIMENTATION POND INSPECTION REPORT Lorencito Canyon Mine- March 14, 2023

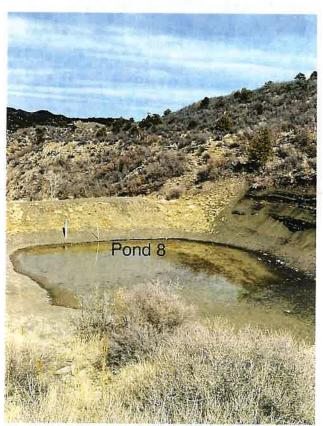


Pond 5

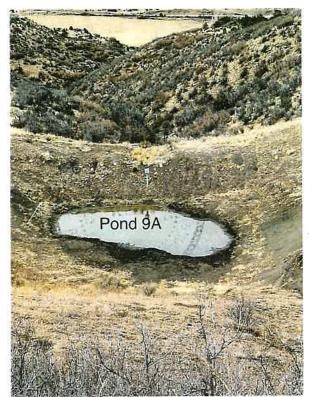


Pond 6





Pond 8



Pond 9



Pond 9a

#### 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.

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