Mine:		Lorencito		-			
NPDES I	D. No.:	Pond #5		-			
Inspecti	on Period:	First Quarter 202	4				
Inspecti	on Date:	03/26/24					
General	Description or Re	eference to Site Pl	an:				
bedrock		ment keyed into b	ning scheduled for edrock. Side slopes 				0
EMBAN	KMENT						
1. 2.	Adequacy of the Erosion forming	Gullies:		Excellent Extensive	Moderate Some	Few Few	Poor None
3.	Is wave action ca On the u	using erosion: upstream embank	ment?	Yes		No	
	At the p	rincipal spillway ir	nlet?	Yes		No	Х
4.	Erosion of the do	wnstream toe of	the embankment?	Yes		No	X
	Cause o	f erosion can be a	ttributed to:				
5.	Is seepage occurr	ring through the d	am?	Yes		No	X
	Could th	nis seepage cause	potential instabilit	y?			
PRINICI	PAL SPILLWAY						
1.		oillway system in v	-	Yes	X	No	
2.		f debris and restri		Yes	X		
3. 4.	_	outlet free of restring at the discharg		Yes Yes			X
	Evaluate the seve	erity:	Extensive	Moderate	Just Starting	None	

1. Does it appear that the emergency spillway has discharged water since the last inspection?

YES NO X

2. Is erosion occurring at any section of the emergency spillway?

YES_____ NO___X

SEDMIMENT STORAGE CAPACITY

1. Has the design storage capacity of the reservoir been surpassed?

YES

NO___X

Explain: Sediment in pond does not appear to be over capacity by visual inspection.

OTHER OBSERVATIONS

Pond was empty at time of inspection. Ground Covered in Snow during inspection.



Mine:		Lorencito		_			
NPDES	ID. No.:	Pond #6		<u> </u>			
Inspect	ion Period	: <u>First Quart</u>	er 2024	<u> </u>			
Inspect	ion Date:	3/26/24					
Genera	l Descript	ion or Reference to	Site Plan:				
into be	drock and		of mining scheduled for eyed into bedrock. Side inage.				
EMBAN	IKMENT						
6. 7. 8.	Erosion	cy of the vegetative of the vegetative of the vegetative of the vegetation causing erosion cau		Excellent Extensive	Moderate Some	Few Few	Poor None
0.	13 Wave	On the upstream er	mbankment?	Yes		No	
		At the principal spil	lway inlet?	Yes		No	X
9.	Erosion	of the downstream t	oe of the embankment	? Yes		No	X
		Cause of erosion ca	n be attributed to:				
10.	Is seepa	ge occurring through	n the dam?	Yes		No	X
		Could this seepage	cause potential instabil	ity?			
PRINIC	PAL SPILL	WAY					
5. 6.	Is the inl	et free of debris and	em in working order? I restrictive material?	Yes Yes	X	No	
7. 8.		scharge outlet free on occurring at the di	of restrictive material? scharge outlet?	Yes Yes	X	No No	Х
	Fvaluate	the severity:	Extensive	Moderate	Just Starting	None	

3. Does it appear that the emergency spillway has discharged water since the last inspection?

YES_____ NO___X

4. Is erosion occurring at any section of the emergency spillway?

YES_____ NO___X

SEDMIMENT STORAGE CAPACITY

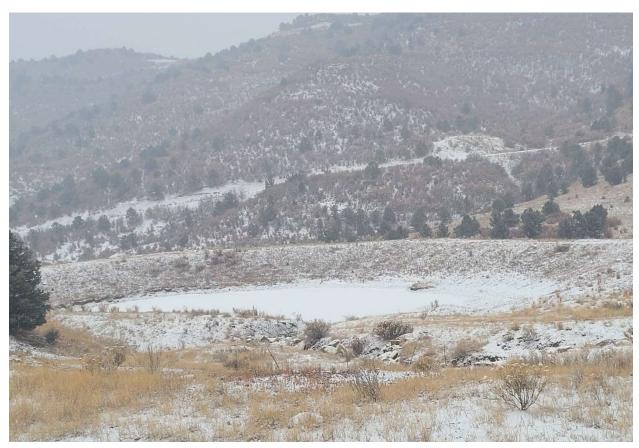
2. Has the design storage capacity of the reservoir been surpassed?

YES NO X

Explain: Visual observation

OTHER OBSERVATIONS

<u>Pond was holding water and was frozen at time of inspection, not near the bottom of the decant. Ground Covered in Snow during inspection.</u>



Mine:		Lorencito					
NPDES I	D. No.:	Pond #7					
Inspection	on Period:	First Quarter 202	24				
Inspection	on Date:	03/20/24					
General	Description or Re	eference to Site P	lan:				
into bed	lrock and the emb		ining scheduled for nto bedrock. Side sl				
EMBAN	KMENT						
11.	Adequacy of the	vegetative cover:		Excellent	Moderate	Few	Poor
	Erosion forming			Extensive	Some	Few	None
13.	Is wave action ca	iusing erosion: upstream embank	mont?	Voc		No	V
		orincipal spillway i				No No	X
	7 to 0.10 p	······································		. 65			
14.	Erosion of the do	ownstream toe of	the embankment?	Yes		No	X
	Cause o	f erosion can be a	ttributed to:				
45							
15.	Is seepage occur	ring through the o	lam?	Yes		No	X
	Could th	nis seepage cause	potential instability	/?			
PRINICI	PAL SPILLWAY						
9.	Is the principal s	pillway system in v	working order?	Yes	X	No	
		of debris and restr		Yes	X	No	
	_	outlet free of rest		Yes	X		
12.	is erosion occurr	ing at the dischar	ge outlet?	Yes		No	X
	Evaluate the seve	erity:	Extensive	Moderate	Just Starting	None	

5. Does it appear that the emergency spillway has discharged water since the last inspection?

YES_____ NO___X___

6. Is erosion occurring at any section of the emergency spillway?

YES_____ NO___X

SEDMIMENT STORAGE CAPACITY

3. Has the design storage capacity of the reservoir been surpassed?

'ES_____ NO___X___

Explain: Visual observation

OTHER OBSERVATIONS

Pond was not holding any amount of water at time of inspection. Not discharging.



Mine:		Lorencito					
NPDES	ID. No.:	Pond #8		_			
Inspect	ion Period:	First Quart	er 2024	_			
Inspect	ion Date:	03/29/24		<u> </u>			
Genera	l Description o	r Reference to	Site Plan:				
into be	drock and the e		of mining scheduled for eyed into bedrock. Side inage.				
EMBAN	IKMENT						
1.	Adequacy of	the vegetative o	cover:	Excellent	Moderate	Few	Poor
2.	Erosion formi	•		Extensive	Some	Few	None
3.		n causing erosio		V		NI -	V
		he upstream er				No	X
	ALLI	ne principal spil	iway inietr	res		NO	
4.	Erosion of the	e downstream t	oe of the embankment	t? Yes		No	X
	Caus	se of erosion ca	n be attributed to:				
5.	Is seepage oc	curring through	n the dam?	Yes		No	X
	Coul	d this seepage	cause potential instabil	lity?			
PRINICI	PAL SPILLWAY	,					
				.,	V		
1.			em in working order?	Yes	X		
2. 3.			I restrictive material? of restrictive material?	Yes Yes	X X		
3. 4.			scharge outlet?	Yes	^	No	X
⊶.	13 61 031011 000	ar me ui	scharge outlet:	163		140	
	Evaluate the	severity:	Extensive	Moderate	Just Starting	None	

1. Does it appear that the emergency spillway has discharged water since the last inspection?

YES___X NO____

2. Is erosion occurring at any section of the emergency spillway?

YES_____ NO___X

SEDMIMENT STORAGE CAPACITY

1. Has the design storage capacity of the reservoir been surpassed?

'ES NO X

Explain: Visual observation

OTHER OBSERVATIONS

<u>Pond was holding water at the time of inspection.</u> Appears to have not discharged recently.



Mine:		Lorencito		_			
NPDES I	D. No.:	Pond #9 (North)		_			
Inspecti	on Period:	First Quarter 202	24	_			
Inspecti	on Date:	3/29/24					
General	Description or Re	eference to Site P	lan:				
into bed		ankment keyed ir	ining scheduled for nto bedrock. Side s iinage.			-	
EMBAN	KMENT						
6. 7.	Adequacy of the Erosion forming	Gullies:		Excellent Extensive	Moderate Some	Few Few	Poor None
8.	Is wave action ca On the u	iusing erosion: upstream embank	ment?	Yes		No	Χ
	At the p	rincipal spillway i	nlet?	Yes		No	Х
9.	Erosion of the do	ownstream toe of	the embankment?	Yes		No	Х
	Cause o	f erosion can be a	ttributed to:				
10.	Is seepage occur	ring through the c	dam?	Yes		No	X
	Could th	nis seepage cause	potential instabilit	y?			
PRINICII	PAL SPILLWAY						
	-	ailluuau sustama in v	working order?	Voc	V	No	
5. 6.		oillway system in v of debris and restr	_	Yes Yes	X		
7.		outlet free of rest		Yes	Х	No	
8.	Is erosion occurr	ing at the dischar	ge outlet?	Yes		No	X
	Evaluate the seve	erity:	Extensive	Moderate	Just Starting	None	

NPDES ID. No.: 9

3. Does it appear that the emergency spillway has discharged water since the last inspection?

NO___X

4. Is erosion occurring at any section of the emergency spillway?

YES_____ NO___X

SEDMIMENT STORAGE CAPACITY

2. Has the design storage capacity of the reservoir been surpassed?

Explain: Visual observation

OTHER OBSERVATIONS

<u>Pond was holding some water at time of inspection. Not near the level of the decant.</u>



Mine:		Lorencito		_			
NPDES I	D. No.:	<u>Pond #9A (</u>	South)	_			
Inspecti	on Period:	First Quart	er 2024	_			
Inspecti	on Date:	03/26/24		_			
General	Descriptio	n or Reference to	Site Plan:				
into bed	lrock and th		of mining scheduled for yed into bedrock. Side				
EMBAN	KMENT						
12.	Erosion fo	of the vegetative of the vegetative of the vegetative of the vegetation causing erosic		Excellent Extensive	Moderate Some	Few Few	Poor None
13.		n the upstream er		Yes		No	
	А	t the principal spil	lway inlet?	Yes		No	X
14.	Erosion of	the downstream t	oe of the embankment	? Yes		No	Х
	C	ause of erosion ca	n be attributed to:				
15.	_ Is seepage	occurring through	n the dam?	Yes		No	X
	С	ould this seepage	cause potential instabil	ity?			
	_						
PRINICII	PAL SPILLW	'AY					
	Is the inlet	free of debris and	em in working order? I restrictive material? If restrictive material?	Yes Yes Yes	X X X	No	
		occurring at the di		Yes	^	No	
	Evaluate t	he severity:	Extensive	Moderate	Just Starting	None	

NPDES ID. No.: 9A	
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5. Does it appear that the emergency spillway has discharged water since the last inspection?

YES_____ NO___X____

6. Is erosion occurring at any section of the emergency spillway?

YES_____ NO___X

SEDMIMENT STORAGE CAPACITY

3. Has the design storage capacity of the reservoir been surpassed?

'ES_____ NO___X___

Explain: Visual observation

OTHER OBSERVATIONS

<u>Pond was holding water and was frozen at time of inspection.</u> <u>Does not appear to have recently discharged.</u> Ground Covered in Snow during inspection.



CERTIFICATION

This inspection was conducted by John Terry, a qualified professional and MSHA certified inspector of earth and rock-fill embankments, waste banks and impoundments, under the direction of Mr. Steve Miller, 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.

John Com	
1	03/29/2024
Inspector	Date

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