Mine:		Lorencito		-			
NPDES	ID. No.:	Pond #5		-			
Inspect	ion Period:	Third Quarter 20	24	-			
Inspect	ion Date:	09/30/24		-			
Genera	l Description or Re	eference to Site P	lan:				
bedrocl		ment keyed into b	ning scheduled for edrock. Side slopes e.			-)
EMBAN	IKMENT						
1. 2.	Adequacy of the Erosion forming (Gullies:		Excellent Extensive	Moderate Some	Few Few	Poor None
3.		upstream embank				No	
	At the p	rincipal spillway i	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 occur	ring through the c	dam?	Yes		No	X
	Could th	nis seepage cause	potential instabilit	y?			
PRINICI	PAL SPILLWAY						
1. 2. 3. 4.	Is the inlet free o	oillway system in f debris and restroutlet free of rest outlet free of rest ing at the dischar	ictive material? rictive material?	Yes Yes Yes	X X X	No	X
	Evaluate the seve	≏ritv•	Extensive	Moderate	Just Starting	None	

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

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?

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

OTHER OBSERVATIONS

Pond was empty at time of inspection.



Mine	e:		<u>Lorencito</u>					
NPD	ES I	D. No.:	<u>Pond #6</u>		<u></u>			
Insp	ecti	on Period	I: <u>Third Qua</u>	rter 2024	<u></u>			
Insp	ecti	on Date:	09/30/24		<u></u>			
Gene	eral	Descript	ion or Reference to	Site Plan:				
into	bed	rock and		a of mining scheduled e eyed into bedrock. Side ainage.		•	-	
EMB	AN	KMENT						
	6. 7.	Erosion	cy of the vegetative forming Gullies:		Excellent Extensive	Moderate Some	Few Few	Poor None
	8.	is wave	action causing erosi On the upstream e At the principal spi	mbankment?				X
	9.	Erosion	of the downstream	toe of the embankmer	nt? Yes		No	Χ
			Cause of erosion ca	n be attributed to:				
	10.	Is seepa	ge occurring throug	h the dam?	Yes		No	X
			Could this seepage	cause potential instab	ility?			
PRIN	IICII	PAL SPILL	WAY					
	5. 6. 7.	Is the in	let free of debris and scharge outlet free o	em in working order? d restrictive material? of restrictive material?	Yes Yes Yes	X X X	No	
	8.	Is erosio	n occurring at the d	ischarge outlet?	Yes		No	X
		Fvaluate	the severity:	Extensive	Moderate	Just Starting	None	

NPDES ID. No.:_	6	
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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__

Explain: Visual observation

OTHER OBSERVATIONS

<u>Pond was holding water at time of inspection, not near the bottom of the decant. Bank was stable during inspection.</u>



Mine:		Lorencito		<u> </u>			
NPDES I	D. No.:	Pond #7		<u> </u>			
Inspecti	on Period:	Third Quar	ter 2024	_			
Inspection	on Date:	09/30/24		_			
General	Description	or Reference to	Site Plan:				
into bed	rock and the		of mining scheduled fo yed into bedrock. Side inage.		•		
EMBAN	KMENT						
11.	Adequacy of	the vegetative o	over:	Excellent	Moderate	Few	Poor
	Erosion form	-		Extensive	Some	Few	None
13.		n causing erosio					
		the upstream en				No	X
	At t	he principal spill	way inlet?	Yes		No	X
14.	Erosion of th	ie downstream t	oe of the embankment	? Yes		No	Х
	Cau	se of erosion car	n be attributed to:				
15.	Is seepage o	ccurring through	the dam?	Yes		No	Х
	Cou	ıld this seepage o	cause potential instabili	ity?			
PRINICI	PAL SPILLWA	Y					
9.	Is the princip	oal spillway syste	m in working order?	Yes	X	No	
10.			restrictive material?	Yes_			
11.	Is the discha	rge outlet free o	f restrictive material?	Yes	Х	No	
12.	Is erosion oc	curring at the di	scharge outlet?	Yes		No	
	Evaluate the	severity:	Extensive	Moderate	Just Starting	None	
		,			0	تت	

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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

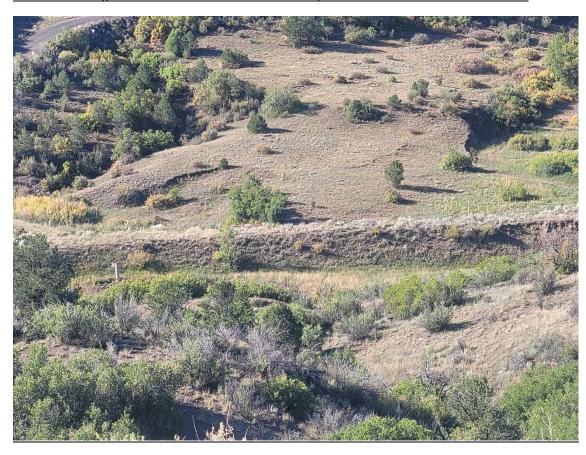
3. Has the design storage capacity of the reservoir been surpassed?

'ES NO X

Explain: Visual observation

OTHER OBSERVATIONS

Pond was holding a small amount of water at time of inspection. Pond Bank in Great Condition.



Mine:		Lorencito					
NPDES I	D. No.:	Pond #8					
Inspecti	on Period:	Third Quarter 20)24				
Inspecti	on Date:	09/30/24					
General	Description or Re	eference to Site P	lan:				
into bed		ankment keyed ir	ining scheduled for nto bedrock. Side sl			-	
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	xment?	Yes		No	Χ
	At the p	rincipal spillway ii	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	dam?	Yes		No	X
	Could th	nis seepage cause	potential instability	y?			
PRINICI	PAL SPILLWAY						
1.		oillway system in v	_	Yes	X	No	
2.		f debris and restri		Yes	X		
3. 4.	_	outlet free of restiing at the discharg		Yes Yes	^		X
	Evaluate the seve	erity:	Extensive	Moderate	Just Starting	None	

NPDES ID. No.:_	8	
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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

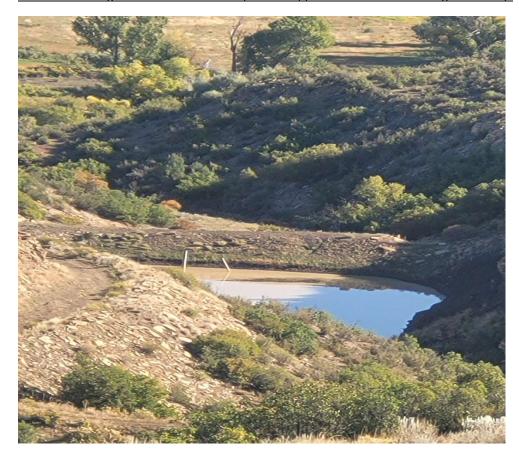
1. Has the design storage capacity of the reservoir been surpassed?

'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:		<u>Lorencito</u>		_			
NPDES	ID. No.:	Pond #9 (N	lorth)	_			
Inspect	ion Perioc	I: <u>Third Quar</u>	ter 2024	_			
Inspect	ion Date:	09/30/24		_			
Genera	l Descript	ion or Reference to	Site Plan:				
into be	drock and		of mining scheduled for eyed into bedrock. Side s ed drainage.		•	-	
EMBAN	IKMENT						
6.	Adequa	cy of the vegetative of	cover:	Excellent	Moderate	Few	Poor
7.		forming Gullies:		Extensive	Some	Few	None
8.	Is wave	action causing erosid					· <u></u>
		On the upstream er				No	
		At the principal spil	lway inlet?	Yes		No	Х
9.	Erosion	of the downstream t	oe of the embankment?	? Yes		No	Х
		Cause of erosion ca	n be attributed to:				
10.	Is seepa	ge occurring through	n the dam?	Yes		No	Х
		Could this seepage	cause potential instabili	ty?			
DDINIC	PAL SPILL	WAY					
r KINICI	I ML STILL	.vv.~\					
5.	•		em in working order?	Yes	X		
6.			I restrictive material?	Yes	X	· · · · · · · · · · · · · · · · · · ·	
7.		•	of restrictive material?	Yes	X		
8.	Is erosio	n occurring at the di	scharge outlet?	Yes		No	X
	Evaluate	the severity:	Extensive	Moderate	Just Starting	None	

NPDES ID. No.: 9

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



Mine:		Lorencito					
NPDES I	D. No.:	Pond #9A (South	1)				
Inspection	on Period:	Third Quarter 20	024				
Inspection	on Date:	09/30/24					
General	Description or Re	eference to Site P	lan:				
into bed		oankment keyed ir	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	-	.2	v			V
		upstream embank				No	X
	At the p	rincipal spillway i	nietr	res		NO	Χ
14.	Erosion of the do	ownstream toe of	the embankment?	Yes		No	X
	Cause o	f erosion can be a	ttributed to:				
15.	Is seepage occur	ring through the c	dam?	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	
	Is the inlet free o	of debris and restr	ictive material?	Yes	X		
	Is the discharge of			Yes	X		
12.	Is erosion occurr	ing at the dischar	ge outlet?	Yes		No	X
	Evaluate the seve	erity:	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?

YES______ 1

NO___X

Explain: Visual observation

OTHER OBSERVATIONS

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



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.

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