Mine:		Lorencito		_			
NPDES	ID. No.:	Pond #5		_			
Inspect	ion Period:	Third Quarter 20)23	_			
Inspect	ion Date:	9/8/2023		-			
Genera	l Description or Re	eference to Site P	lan:				
bedroc		ment keyed into b	ning scheduled for pedrock. Side slope e.				0
EMBAN	IKMENT						
1. 2. 3.	Adequacy of the Erosion forming Is wave action ca			Excellent Extensive	Moderate Some	Few Few	Poor None
Э.	On the	upstream embank principal spillway i				No No_	
4.			the embankment?	Yes			Х
	Cause o	f erosion can be a	attributed to:				
5.	Is seepage occur	ring through the o	dam?	Yes		No	X
	Could th	his seepage cause	potential instabilit	ry?			
PRINIC	PAL SPILLWAY						
1. 2. 3. 4.	Is the inlet free o	pillway system in of debris and restroutlet free of restring at the dischar	ictive material? rictive material?	Yes Yes Yes Yes_	X X X	No	X
	Evaluate the sevi	_	Extensive	Moderate	lust Starting	None	

MERG	ENCY SPILLWAY			
1.	Does it appear that the emergency spillway h	as discharged water since	the last inspect	tion?
		YES	NO	X
2.	Is erosion occurring at any section of the eme	ergency spillway?		
		YES	NO	Х
DMIN	MENT STORAGE CAPACITY			
1.	Has the design storage capacity of the reserve	oir been surpassed?		
		YES	NO	X
	Explain: Sediment in pond does not appear to	o be over capacity by visua	ıl inspection.	
THER	OBSERVATIONS			
	Pond was empty at time of inspection, but wa	as damp.		

NPDES ID. No.: 5

Mine:		Lorencito		-			
NPDES I	ID. No.:	Pond #6		-			
Inspecti	ion Period:	Third Quarter 20)23	<u>.</u>			
Inspecti	ion Date:	9/8/2023					
Genera	l Description or Re	eference to Site P	lan:				
into bed		ankment keyed ii	ining scheduled for nto bedrock. Side sl				
EMBAN	IKMENT						
1. 2.	Adequacy of the Erosion forming	Gullies:		Excellent Extensive	Moderate Some	Few Few	Poor None
3.		upstream embank		Yes		No	
	At the p	rincipal spillway i	nlet?	Yes		No	X
4.	Erosion of the do	ownstream toe of	the embankment?	Yes		No	Х
	Cause o	f erosion can be a	attributed to:				
5.	Is seepage occur	ring through the o	dam?	Yes		No	Х
	Could th	nis seepage cause	potential instability	y?			
PRINICI	PAL SPILLWAY						
1.		oillway system in		Yes	X	No	
2. 3.		of debris and restroutlet free of rest		Yes Yes	X		
3. 4.	_	ing at the dischar		Yes	Λ	-	X
	Evaluate the seve	erity:	Extensive	Moderate	Just Starting	None	

			NPDES ID. No.: 6
MERG	ENCY SPILLWAY		
1.	Does it appear that the emergency spillway h	as discharged water since t	he last inspection?
		YES	NO <u>X</u>
2.	Is erosion occurring at any section of the eme	ergency spillway?	
		YES	NOX
EDMII	MENT STORAGE CAPACITY		
1.	Has the design storage capacity of the reserv	oir been surpassed? YES	NO <u>X</u>
	Explain: <u>Visual observation</u>		
THER	OBSERVATIONS		
	Pond was holding water at time of inspection	, not near the bottom of th	e decant.

Mine:		Lorencito		_			
NPDES	ID. No.:	Pond #7		_			
Inspect	ion Period:	Third Quar	ter 2023	_			
Inspect	ion Date:	9/8/2023		_			
Genera	l Descriptio	on or Reference to	Site Plan:				
into be	drock and t		of mining scheduled fo eyed into bedrock. Side s inage.		•	•	
EMBAN	IKMENT						
1.	Adequacy	of the vegetative of	cover:	Excellent	Moderate	Few	Poor
2.		rming Gullies:		Extensive	Some	Few	None
3.		ction causing erosic					
		On the upstream er		Yes		No	
	A	at the principal spill	lway inlet?	Yes		No	Х
4.	Erosion of	the downstream t	oe of the embankment	? Yes		No	Х
	C	Cause of erosion ca	n be attributed to:				
	_						
5.	Is seepage	e occurring through	the dam?	Yes		No	Х
	C	Could this seepage	cause potential instabili	ty?			
	_						
PRINICI	PAL SPILLW	/AY					
						•	
1.	•		em in working order?	Yes	X		
2. 3.			I restrictive material? If restrictive material?	Yes Yes	X X		
3. 4.		occurring at the di		Yes	^	No	
→.	13 CT USIUIT	occurring at the ul	scharge outlet:	163		110	^
	Evaluate t	he severity:	Extensive	Moderate	Just Starting	None	

			NPDES ID. No.: 7
EMERG	ENCY SPILLWAY		
1.	Does it appear that the emergency spillway has disc	harged water since the las	t inspection?
		YES	NO <u>X</u>
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 bee	n surpassed? YES	NOX
	Explain: Visual observation		
OTHER	OBSERVATIONS Pond was holding a small amount of water at time of the control of	f inspection. Not dischargi	ng.

Mine:		Lorencito		_			
NPDES	ID. No.:	Pond #8		<u> </u>			
Inspect	ion Period:	Third Quar	ter 2023	<u> </u>			
Inspect	ion Date:	9/8/2023		_			
Genera	l Descriptio	on or Reference to	Site Plan:				
into be	drock and t		of mining scheduled for eyed into bedrock. Side inage.		•	•	
EMBAN	IKMENT						
1.	Adequacy	of the vegetative of	cover:	Excellent	Moderate	Few	Poor
2.		orming Gullies:		Extensive	Some	Few	None
3.		ction causing erosic					
		On the upstream er		Yes		No	
	A	At the principal spil	lway inlet?	Yes		No	X
4.	Erosion of	f the downstream t	oe of the embankment	? Yes		No	Х
	(Cause of erosion ca	n be attributed to:				
	-						
5.	Is seepage	e occurring through	the dam?	Yes		No	Х
	(Could this seepage	cause potential instabili	ty?			
	-						
PRINIC	IPAL SPILLV	/AY					
1.	Is the nrin	icipal spillway syste	em in working order?	Yes	Х	No	
2.	•		I restrictive material?	Yes	X		
3.			f restrictive material?	Yes	X		
4.	Is erosion	occurring at the di	scharge outlet?	Yes		No	Χ
	Evaluate t	he severity:	Extensive	Moderate	Just Starting	None	

	NCY SPILLWAY		
1.			
	Does it appear that the emergency spillwa	ay has discharged water since t	he last inspection?
		YESX	NO
2.	Is erosion occurring at any section of the	emergency spillway?	
		YES	NO <u>X</u>
DMIM	IENT STORAGE CAPACITY		
1.	Has the design storage capacity of the res	ervoir been surpassed? YES	NO <u>X</u>
	Explain: Visual observation		
THER (DBSERVATIONS		
	Pond was holding water at the time of ins	pection. Appears to have disch	arged some water recently
			·

Mine:		Lorencito		_			
NPDES I	D. No.:	Pond #9 (North)		<u> </u>			
Inspecti	on Period:	Third Quarter 2	023				
Inspecti	on Date:	9/8/2023		_			
			N.				
	-	Reference to Site I		2001 2002 Th		. i.a.ai.a.al	
into bed	drock and the em	th of the area of machine the second in the	nto bedrock. Side		•		
dischar	ges north into a s	small unnamed dr	ainage.				
ENABAN	KMENT						
1.		e vegetative cover		Excellent	Moderate	Few	Poor
1. 2.	Erosion forming		•	Extensive	Some	Few	None
3.	Is wave action c			LACEIISIVE	Some	I CVV	None
Э.		upstream emban	kment?	Yes		No	X
		principal spillway					X
	At the	principal spiliway	mice.	165		<u></u>	
4.	Erosion of the d	lownstream toe of	the embankment	:? Yes		No	Χ
	Cause o	of erosion can be	attributed to:				
5.	Is seepage occu	rring through the	dam?	Yes		No	Х
	Could t	this seepage cause	potential instabil	ity?			
PRINICI	PAL SPILLWAY						
1.		spillway system in		Yes	X	No	
2.		of debris and rest		Yes	X	No	
3.	_	outlet free of rest		Yes	X	No	
4.	Is erosion occur	ring at the dischar	ge outlet?	Yes		No	Х
	Evaluate the sev	verity:	Extensive	Moderate	Just Starting	None	

	YES	NO <u>X</u>
2. Is erosion occurring at any secti	on of the emergency spillway?	
	YES	NO <u>X</u>
EDMIMENT STORAGE CAPACITY		
1. Has the design storage capacity	of the reservoir been surpassed? YES	NO <u>X</u>
Explain: Visual observation		
THER OBSERVATIONS		
Pond was holding some water a	t time of inspection. Not near the level	of the decant.

NPDES ID. No.: 9

Mine:		Lorencito		<u> </u>			
NPDES I	D. No.:	Pond #9A (Sout	h)				
Inspecti	on Period:	Third Quarter 2	023				
Inspecti	on Date:	9/8/2023		_			
_							
	-	Reference to Site					
into bed	drock and the em	bankment keyed	nining scheduled f into bedrock. Side				
dischar	ges south into Jef	ff Canyon.					
EMBAN	KMENT						
1.		e vegetative cover	r:	Excellent	Moderate	Few	Poor
2.	Erosion forming	=		Extensive	Some	Few	None
3.	Is wave action of	_	_				
		upstream emban				No	
	At the	principal spillway	inlet?	Yes		No	X
4.	Erosion of the d	lownstream toe o	f the embankmen	t? Yes		No	Х
	Cause	of erosion can be	attributed to:				
5.	Is seepage occu	rring through the	dam?	Yes		No	X
	Could	this seepage cause	e potential instabi	lity?			
PRINICI	PAL SPILLWAY						
1.		spillway system in		Yes	X	No	
2.		of debris and rest		Yes	X	No	
3.	_	outlet free of res		Yes	X	No	
4.	Is erosion occur	ring at the discha	rge outlet?	Yes		No	Х
	Evaluate the se	verity:	Extensive	Moderate	Just Starting	None	

EMERGE	NCY SPILLWAY		
1. 1	Does it appear that the emergency spillway has disc	harged water since the last	tinspection?
		YES	NO <u>X</u>
2. I	s erosion occurring at any section of the emergency	spillway?	
		YES	NO <u>X</u>
SEDMIMI	ENT STORAGE CAPACITY		
1. 1	Has the design storage capacity of the reservoir bee	n surpassed? YES	NO <u>X</u>
I	Explain: Visual observation		
-			
OTHER O	BSERVATIONS		
<u>!</u>	Pond was holding water at time of inspection. Does	not appear to have recent	ly discharged.
<u>-</u>			

NPDES ID. No.: 9A

QUARTERLY SEDIMENTATION POND INSPECTION REPORT Lorencito Canyon Mine- September 8, 2023



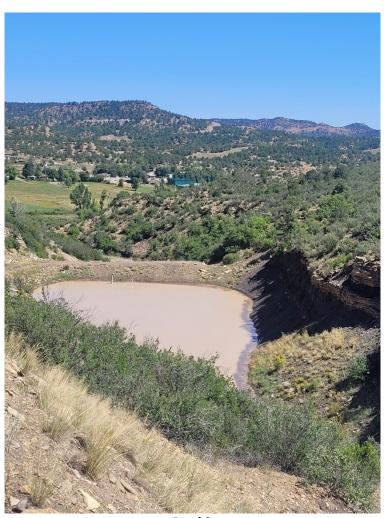
Pond 5



Pond 6



Pond 7



Pond 8



Pond 9A



Pond 9

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

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