OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 3/10/21				
DATE OF INSPECTION.	1	2	3	4
POND INSPECTION	WASTEWATE	ER		
	TREATMENT			
	INCATOLNI			
CDFS OUTFALL #	023			
OPERATIONAL STATUS AT TIME OF INS	PECTION PECTION			
	200	10000	1 20	ia
Approximate water level: Sediment level (% total storage):	1100	<u>ianne</u>	1 00	[-[
Outflow (cfs):				
FEATURES	PROE YES	NO NO	COMN	IENTS
EROSIONAL	1 = 3	NO		
Rills & Gullies on Embankment				
Inadequate Vegetation				
Outlet Channel Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Setting				
Cracks or slides				
Seepage				
Other				
APPURTENANT STRUCTURES				
Defective Spillways				
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump				
Other				
ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED:				
NAME OF INSPECTOR: M. Kawcale	-			

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OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: $3/0/21$				4
POND INSPECTION	1 5A-P1	2	3	1
	SED. POND			
CDFS OUTFALL#	009			
OPERATIONAL STATUS AT TIME OF INSI	PECTION			
Approximate water level:		MP_		
Sediment level (% total storage):	210%			
Outflow (cfs):		<u>Cf</u>		
FEATURES	PROI	BLEM	COM	VIENTS
	YES	NO		
EROSIONAL		_		
Rills & Gullies on Embankment				
Inadequate Vegetation		1		
Outlet Channel Erosion				
Burrows		/		
Other				
STRUCTURAL				13300000
Differential Setting		1/		
Cracks or slides		1/7		
Seepage		V		
Other				
APPURTENANT STRUCTURES				***
Defective Spillways		1/		
Dewatering Device Clogged		1/-		
Faulty Gates, Baffles, Pump	-	1/2		
Other		1/		
ADDITIONAL COMMENTS:		r		
MAINTENANCE REQUIRED: NONC.				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
NAME OF INSPECTOR: M. Kaw	cale			

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 3/10/21				
POND INSPECTION	1 SH-P1	SH-P2	3	4
1 CHE INC. ESTION	J. J	1		
	SED. POND	SED. POND		
CDFS OUTFALL#	011	012		
OPERATIONAL STATUS AT TIME OF INS	PECTION			
Approximate water level:	1	101		
Sediment level (% total storage):	4100	6		
Outflow (cfs):	00	fe		
FEATURES	YES	BLEM	COMN	IENTS
EROSIONAL	TES	NO		
Rills & Gullies on Embankment				
Inadequate Vegetation				
Outlet Channel Erosion				
Burrows				
Other		V		
STRUCTURAL				
Differential Setting	L			
Cracks or slides		1		
Seepage				
Other				
APPURTENANT STRUCTURES		_		
Defective Spillways		<i>\(\begin{array}{c} \begin{array}{c} \be</i>		
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump				
Other ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED: NONE				
NAME OF INSPECTOR: M. Ruu	rcall			

OPERATOR: EMPIRE CORPORATION					
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>					
DATE OF INSPECTION: 3/20/2(
DATE OF INSPECTION: $5/40/2/$		2	3	4	
POND INSPECTION	HR-P1A	2 HR-P1B		4	
1 0112 11101 2011011					
	SED. POND	SED. PÓND			
CDFS OUTFALL#		004			
OPERATIONAL STATUS AT TIME OF INS	PECTION				
Approximate water level:	س <i>ل</i>	1' below	n disc	Lagre .	Small poc
Sediment level (% total storage):	CIDOL	0	<u> </u>	~ ~~~~	JIM 213 (1 0
Outflow (cfs):	92 C				
					1
FEATURES	PROF		COMN	IENTS	
EROSIONAL	YES	NO			
Rills & Gullies on Embankment		10			
Inadequate Vegetation	-	1/			
Outlet Channel Erosion	****				
Burrows		1			
Other					
STRUCTURAL					
Differential Setting					
Cracks or slides					
Seepage					
Other					
APPURTENANT STRUCTURES			················	<u> </u>	
Defective Spillways					
Dewatering Device Clogged		10			
Faulty Gates, Baffles, Pump		1			
Other					
ADDITIONAL COMMENTS:					
MAINTENANCE REQUIRED: NOVL	,	ad Nove -			
NAME OF INSPECTOR: W. Lau	rale				

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 3/10/21			_	
POND INSPECTION	9-P5	2 9-P6	3 9-P7	9-P8
FOND INSPECTION	3.73	12-76	3-21	3.70
	SED. POND	SED. POND	SED. POND	SED. POND
CDFS OUTFALL #	017	015	013	016
OPERATIONAL STATUS AT TIME OF INS	PECTION			
Approximate water level:	5m	all am	1 / dan	10
Sediment level (% total storage):	<10	0/0	/ (2000	
Outflow (cfs):	100	Ce	······································	
		*		
FEATURES	PROI YES	BLEM NO	COM	MENTS
EROSIONAL				
Rills & Gullies on Embankment				
Inadequate Vegetation		1/		
Outlet Channel Erosion		1/		
Burrows			Minor 6	Burrows
Other		1		
STRUCTURAL			<u> </u>	
Differential Setting		1		
Cracks or slides		1/		
Seepage Seepage		-/-		
Other		1		
				· · · · · · · · · · · · · · · · · · ·
APPURTENANT STRUCTURES				
Defective Spillways		V		
Dewatering Device Clogged		1/		
Faulty Gates, Baffles, Pump				
Other ADDITIONAL COMMENTS:		1/		
MAINTENANCE REQUIRED: MONL				
NAME OF INSPECTOR: W. Kaw	<u>CalL</u>			

OPERATOR: EMPIRE CORPORATION						
MINE: EMPIRE NOS. 5 & 6 MINES						
211-						
DATE OF INSPECTION: 3/10/21			•	4		
POND INSPECTION	9-P1	9-P2	3 9-P3	9-P4		
FOND INC. ESTION		V .				
	SED. POND	SED. POND	SED. POND	SED. POND		
CDFS OUTFALL#			024	014		
OPERATIONAL STATUS AT TIME OF INS	PECTION					
	۲۵.	11 00010	10000			
Approximate water level:	<u> </u>	<u>Al pools</u>	1 Darro			
Sediment level (% total storage):	<u>~ (()°/</u>	90				
Outflow (cfs):	<u> 7 C</u>	<u>H</u>				
FEATURES	PRO	BLEM	COM	MENTS		
1 2.1.0112	YES	NO				
EROSIONAL			· · ·			
Rills & Gullies on Embankment						
Inadequate Vegetation		V				
Outlet Channel Erosion		V.				
Burrows		V				
Other						
STRUCTURAL		*****				
Differential Setting						
Cracks or slides		1	ĺ			
Seepage			1			
Other		V				
APPURTENANT STRUCTURES			···········			
Defective Spillways						
Dewatering Device Clogged		I/				
Faulty Gates, Baffles, Pump						
Other		1				
ADDITIONAL COMMENTS:						
MAINTENANCE REQUIRED: NOW				Linnannan		
NAME OF INSPECTOR: M. Kawcale						

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 3/10/21	_			
POND INSPECTION	9A-P1	9A-P2	9A-P3	9A-P4
. ONE MO. 20 NON	<u> </u>			
	SED. POND	SED. POND	SED. POND	SED. POND
CDFS OUTFALL#	018	019	020	021
OPERATIONAL STATUS AT TIME OF INSPECT	<u>ION</u>			
Approximate water level:	of below	discharge	@ 9API N	est Dry
Sediment level (% total storage):	4100/0			<i></i>
Outflow (cfs):	<u> </u>			
FEATURES		BLEM	CON	IMENTS
EROSIONAL	YES	NO		
Rills & Gullies on Embankment				
Inadequate Vegetation		V		
Outlet Channel Erosion		V		
Burrows		n	_	
Other				
STRUCTURAL				
Differential Setting		1/		
Cracks or slides				
Seepage		<u> </u>	_	
Other			-	
APPURTENANT STRUCTURES				
Defective Spillways				
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump			_	
Other ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED: NOVL	/			
NAME OF INSPECTOR: M. Maw ca	<u> </u>			

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 3/0/20				
DATE OF INSPECTION: DITOLOGE	 1	2	3	4
POND INSPECTION	5-P5	5-P6	5-P7	
	V			
	SED. POND	SED. POND	SED. POND	
CDFS OUTFALL#	003	003	003	
OPERATIONAL STATUS AT TIME OF INS	PECTION	_		
	Q	eclai	0000	DOIS
Approximate water level:		<u>Cum</u>	nuch	<u> </u>
Sediment level (% total storage):				
Outflow (cfs):				
FEATURES	PRO	BLEM	COMN	IENTS
	YES	NO		
EROSIONAL				
Rills & Gullies on Embankment				
Inadequate Vegetation]	
Outlet Channel Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Setting]	
Cracks or slides]	
Seepage				
Other				
APPURTENANT STRUCTURES				
Defective Spillways]	
Dewatering Device Clogged			1	
Faulty Gates, Baffles, Pump			1	
Other		<u> </u>		
ADDITIONAL COMMENTS: MAINTENANCE REQUIRED:				
NAME OF INSPECTOR: MM, LA	wcal			

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OPERATO	R: EMPIRE CORPORATIO	N				
MINE:	EMPIRE NOS. 5 & 6 MIN	<u>IES</u>				
DATE OF	INSPECTION: 3/10/21					
		1	2	3	4	
POND INS	PECTION	5-P1	5-P2	5-P3		
		SED. POND	SED. TRAP	SED. TRAP		
CDFS OUT	TFALL#	007		<u> </u>		1
OPERATIO	ONAL STATUS AT TIME OF	INSPECTION				
A	tatat	5.0	1 = <u>Sma</u>	11 0001	root	- Do ,
Approximate \	water level: el (% total storage):		012	IL POOL	1001	-vy
Outflow (cfs):	er (% total storage).	<u> </u>	le			•
Odillow (cla).			- (.)			-
	FEATURES	PRO	BLEM	COM	MENTS	1
		YES	NO			
EROSION	AL]
	Rills & Gullies on Embankment		1			
	Inadequate Vegetation		V			
	Outlet Channel Erosion		1			
	Burrows					
	Other		V			
STRUCTU	RAL		 			
	Differential Setting		1/			
	Cracks or slides		1/7			
	Seepage		1/			
	Other		1			
		-				
APPURTE	NANT STRUCTURES					
	Defective Spillways					
i .	Dewatering Device Clogged		1/			
1	Faulty Gates, Baffles, Pump					<u> </u>
1	Other					
ADDITION.	AL COMMENTS:	•				
Auditor i	ANCE REQUIRED: 1000					
NAME OF	INSPECTOR:	Luval				

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 3/10/21				
	11	2	3	4
POND INSPECTION	Spoil Springs	i		
CDFS OUTFALL#	22 Site 1SI	P	<u> </u>	
OPERATIONAL STATUS AT TIME OF INS	PECTION			
	, ,	1 - f	((•
Approximate water level:	HUOUT	+ 40 St	art Flo	wing
Sediment level (% total storage):				
Outflow (cfs):				
	BBOE	\	CORAS	MENTS
FEATURES	PROE YES		COM	MEN I S
	TES	NO		
EROSIONAL				
Rills & Gullies on Embankment				
Inadequate Vegetation			1	
Outlet Channel Erosion				
Burrows	ļ			
Other				
STRUCTURAL				<u></u>
Differential Setting		/		
Cracks or slides		/		
Seepage		₩		
Other		سسرا		
5				
APPURTENANT STRUCTURES				
Defective Spillways		1	LINGA	pools
Dewatering Device Clogged		1/	MIST	Lec. S
Faulty Gates, Baffles, Pump			repair	eeds :d,ruste
Other		V		
ADDITIONAL COMMENTS:			4	<u> </u>
MAINTENANCE REQUIRED: Wier 15	4			
NAME OF INSPECTOR: M. LAW	cak_			

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