OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 3 19 202	20			
	1	2	3	4
POND INSPECTION	Spoil Spring	s 		
CDFS OUTFALL#	022 Site 1S	P	<u> </u>	
OPERATIONAL STATUS AT TIME OF INSE	PECTION			
Approximate water level:	Flow	ing 2"	@ Wies	_
Sediment level (% total storage):	4100	(6		
Outflow (cfs):	0.03	25 CFS		
	-			
FEATURES	YEŞ	BLEM NO	COM	MENTS
EROSIONAL	IES	NO		
Rills & Gullies on Embankment		V	(8)	
Inadequate Vegetation		1		
Outlet Channel Erosion				
Burrows				
Other		V		
STRUCTURAL	1			
Differential Setting				
Cracks or stides			1	
Seepage		1/		
Other				
APPURTENANT STRUCTURES				- · · · · · · · · · · · · · · · · · · ·
Defective Spillways			Wier	rusted
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump				
Other				
MAINTENANCE REQUIRED: New W	ier ord	e red		
NAME OF INSPECTOR M. KAUKA	10			

<u> </u>	_	_	
5-P1	5-P2	3 5-P3	4
ern noun	SED TRAD	CED TRAD	
SED. PUND	SEU. TRAP	SED. TRAP	
007			•
PECTION			
Sn	ow ac	eunula	tien in
4			
NO.	Flow		
		COM	MENTS
YES	NO		
	1/		
	V'		
	1/		
<u> </u>			••
	-		
	SED. POND 007 PECTION A	1 2 5-P1 5-P2 SED. POND SED. TRAP 007 PECTION SONU ACI NO Flow PROBLEM	1 2 3 5-P1 5-P2 5-P3 SED. POND SED. TRAP SED. TRAP 007 PECTION SODU ACCUMULA NO FLOW PROBLEM COMM

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 3/19/2020				
POND INSPECTION	1 5-P5	2 5-P6	3	. 4
FOND INSPECTION	 	3-P6	5-P7	
	SED. POND	SED. POND	SED. POND	
CDFS OUTFALL#	003	003	003	<u> </u>
OPERATIONAL STATUS AT TIME OF INSE	PECTION			
Approximate water level:	Pon	ds Re	claima	l
Sediment level (% total storage):	, , ,	700	<u> </u>	
Outflow (cfs):		•		
			_	
FEATURES	YES	PROBLEM		IENTS
EROSIONAL	159	NO		
Rills & Gullies on Embankment		MA		
Inadequate Vegetation		100		
Outlet Channel Erosion			1	
Burrows			1	
Other			1	
STRUCTURAL				
Differential Setting		<u> </u>		
Cracks or slides				
Seepage				
Other				
ADDUCTENANT OTOLOGIJOGO	<u> </u>			
APPURTENANT STRUCTURES				
Defective Spillways	-	 	ł	
Dewatering Device Clogged Faulty Gates, Baffles, Pump	-			
Other				
	1.	1 0 11	<u> </u>	
ADDITIONAL COMMENTS: Ponds R MAINTENANCE REQUIRED:	eclarmed	d fall:	2018	

·	1	2	3	4	
POND INSPECTION	9A-P1	9A-P2	9A-P3	9A-P4	
	SED. POND	SED. POND	SED. POND	SED. POND	
CDFS OUTFALL #	018	019	020	021	
OPERATIONAL STATUS AT TIME OF INSPE	CTION				
Approximate water level:	Snow	Covered	not acces	sible	
Sediment level (% total storage):					
Outflow (cfs):			<u> </u>		
FEATURES		OBLEM	COMMENTS		
EROSIONAL	YES	NO	 		
Rills & Gullies on Embankment					
Inadequate Vegetation					
Outlet Channel Erosion			_		
Burrows Other			4		
Other		-			
STRUCTURAL					
Differential Setting					
Cracks or slides					
Seepage			_		
Other			_		
APPURTENANT STRUCTURES		·		 	
Defective Spillways					
Dewatering Device Clogged					
Faulty Gates, Baffles, Pump					
Other COMMENTS				. <u>.</u>	
ADDITIONAL COMMENTS: 5 now COL	rered, will	revisit i	1 April		
			. (
MAINTENANCE REQUIRED:					

2			
1	2	3	4
9-P1	9-P2	9-P3	9-P4
SED. POND	SED. POND	SED. POND	SED. POND
V	1/	L	L
	-	024	014
PECTION			
Snou	> Alacun	nulation	ns in Po
	<u>?</u> S		
	BLEM	COM	MENTS
YES	NO		
	V		
	/		
1			
	~		ĺ
	PECTION Sinou PROI	1 2 9-P1 9-P2 SED. POND SED. POND PECTION Show Aware Coles PROBLEM	9-P1 9-P2 9-P3 SED. POND SED. POND O24 PECTION Snow Awarmatation O CES PROBLEM COMM

MINE. PHOIDE NO. 5 8 A MINES				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 3 19 202	0_			
	1	2	3	4
POND INSPECTION	9-P5	9-P6	9-P7	9-P8
	SED. POND	SED. POND	SED. POND	SED. POND
	1		-	1
CDFS OUTFALL #	017	015	013	016
OPERATIONAL STATUS AT TIME OF INS	PECTION			
Approximate water level:	Sopo	s Aca	muletro	ns in Pa
Sediment level (% total storage):	250	lo	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
Outflow (cfs):	Och			
FEATURES		BLEM	COM	MENTS
	YES	NO		
EROSIONAL		l . /		
Rills & Gullies on Embankment				
Inadequate Vegetation Outlet Channel Erosion		1/	-	
Burrows		-	1	i
Other			1	
Other			1	İ
STRUCTURAL				
Differential Setting		1/		
Cracks or slides		1/	1	
Seepage		V]	1
Other		V]	
ADDUDTENANT OTDUCTUDES		<u> </u>		
APPURTENANT STRUCTURES		1 1 /2		
		1/		
Defective Spillways Dewatering Device Clogged		1/		
Defective Spillways		1/		

MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>					
DATE OF INSPECTION: 3/19/2020	`				
DATE OF INSPECTION:	1	2	3	4	
POND INSPECTION	HR-P1A	HR-P1B	<u> </u>]
	SED. POND	SED. POND			
CDFS OUTFALL #		004			
ODI'S OUTFALL #		004			
OPERATIONAL STATUS AT TIME OF INS	PECTION				
Approximate water level:	5mal	1000	of war	ter in p	ACC
Sediment level (% total storage):	4501	POOL	01 0000	1-0 11/19	W C
Outflow (cfs):	O CSS				
FEATURES	PPOI	BLEM	COM	MENTS	1
PLATORES	YES	NO	COMIN	HEN 13	
EROSIONAL	+				1
Rills & Gullies on Embankment					
Inadequate Vegetation		1		i	
Outlet Channel Erosion		1-2			
Burrows		V			
Other		V			
STRUCTURAL				-	
Differential Setting		يس)			
Cracks or stides		1 -			
Seepage					
Other					
APPURTENANT STRUCTURES		_			
APPURTENANT STRUCTURES Defective Spillways		V			
		2			
Defective Spillways		V - V			

OPERATOR: EMPIRE CORPORATION					
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>					
DATE OF INSPECTION: 3/19/2020)				
	1	2	3	4	
POND INSPECTION	SH-P1	SH-P2]
	SED. POND	SED. POND			
CDFS OUTFALL#	011	012	ļ	L	J
OPERATIONAL STATUS AT TIME OF INS	SPECTION				
Approximate water level:	Ponds	not	accossi	ore due	to 50
Sediment level (% total storage):	10121	<u> </u>	waces,	OIC CINC	
Outflow (cfs):				•	-
FEATURES	- DDO	DIEM	COM	4ENTO	1
FEATURES	YES	BLEM NO	COMIN	MENTS	
EROSIONAL	120	110			1
Rills & Gullies on Embankment					
Inadequate Vegetation					
Outlet Channel Erosion					
Burrows					
Other					
STRUCTURAL		<u> </u>			1
Differential Setting					
Cracks or slides					,
Seepage					
Other					
ADDUDTENANT OTDUCTUDES				· · · · · · · · · · · · · · · · · · ·	
APPURTENANT STRUCTURES					
Defective Spillways Dewatering Device Clogged					
Faulty Gates, Baffles, Pump	-				
Othor					
ADDITIONAL COMMENTS: QALUEL	- 1000	•			1
ADDITIONAL COMMENTS: Revisit i	in April				
MAIN I ENANCE REQUIRED:					

OPERATOR: EMPIRE CORPORATION				
MINE: EMPIRE NOS. 5 & 6 MINES				
DATE OF INSPECTION: 3/19/2020				
	1	2	3	4
POND INSPECTION	5A-P1			
	SED. POND			
CDFS OUTFALL #	009	<u> </u>		
OPERATIONAL STATUS AT TIME OF INS	PECTION			
				ا اه
Approximate water level: Sediment level (% total storage):	tona	Not acc	essible	aue to
Outflow (cfs):				
FEATURES	PRO	BLEM	COM	MENTS
	YES	NO		MEITTO
EROSIONAL				
Rills & Gullies on Embankment			ļ	
Inadequate Vegetation		-		
Outlet Channel Erosion			ł	
Burrows			ļ	
Other				
STRUCTURAL				
Differential Setting				
Cracks or slides				
Seepage			1	
Other				
APPURTENANT STRUCTURES				
Defective Spillways	<u> </u>			
Dewatering Device Clogged	-			
Faulty Gates, Baffles, Pump Other				
ADDITIONAL COMMENTS: C. V.	1 .		<u> </u> _1	• ,
Site was	, not f	nowed (Juring 4	Inter,
ADDITIONAL COMMENTS: Site was	vered ro	oods, wi	11 revis	at in
J. J				
MAINTENANCE REQUIRED:				

OPERATOR: EMPIRE CORPORATION					
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>					
DATE OF INSPECTION: 3/20/2020	١				
DATE OF INSPECTION: STATE STATE	<u></u>	2	3	4	
POND INSPECTION	WASTEWAT			"	
	:				
	TREATMENT	,			
CDFS OUTFALL#	023			<u> </u>	
OPERATIONAL STATUS AT TIME OF INSP	PECTION				
Approximate water level:	Recl	ained	Sain	a 2019	
Sediment level (% total storage):		MITTER.	Spring ou		
Outflow (cfs):		<u> </u>			
FEATURES	FEATURES PROBLEM		COMMENTS		
EDOCIONAL	YES	NO			
EROSIONAL Rills & Gullies on Embankment					
			{		
Inadequate Vegetation Outlet Channel Erosion					
Burrows			1		
Other		-	1		
			1		
STRUCTURAL					
Differential Setting					
Cracks or slides					
Seepage					
Other					
	<u> </u>	<u> </u>			
APPURTENANT STRUCTURES					
Defective Spillways		!			
Dewatering Device Clogged		-			
Faulty Gates, Baffles, Pump Other					
ADDITIONAL COMMENTS:		<u></u>			
Reclaime	ed				
MAINTENANCE REQUIRED:					
MAIN LIMINGE REQUIRED.					

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