OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6/18/19		2	2	
POND INSPECTION	Spoil Spring	2 js	3	4
CDFS OUTFALL #	022 Site 1S	I SP		
OPERATIONAL STATUS AT TIME OF INS	PECTION			
		10 - 0	11	
Approximate water level: Sediment level (% total storage):	<u> </u>	1er = 2		
Outflow (cfs):	0.0	5% 25 CPS		-
Cuttow (cla).		35010	1	
FEATURES	PRO	BLEM	COMN	MENTS
	YES	NO		
EROSIONAL				
Rills & Gullies on Embankment		V		
Inadequate Vegetation		V_		
Outlet Channel Erosion Burrows	<u> </u>		1	
Other			1	
Culci		V		
STRUCTURAL				
Differential Setting				
Cracks or slides				
Seepage		V		
Other				
APPURTENANT STRUCTURES				
Defective Spillways			Wier	15
Devatering Device Clogged			Wier	ed.
Faulty Gates, Baffles, Pump			Probabil	eused
Other			40 Se	re used 21 rusted o
ADDITIONAL COMMENTS:				
Look into	replacina	g wier	- fall a	2019
MAINTENANCE REQUIRED:				
200 :	1			
NAME OF INSPECTOR: 11. Kawa	call			

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF WORLD 6/18/2010				
DATE OF INSPECTION: 6161	1	2	3	4
POND INSPECTION	5-P1	5-P2	5-P3	
	SED. POND	SED. TRAP	SED. TRAP	_
CDFS OUTFALL#	007			
OPERATIONAL STATUS AT TIME OF INSE	PECTION			
Approximate water level:	All	Day		
Sediment level (% total storage):	110	50/0		
Outflow (cfs):	- C)		
-				
FEATURES		BLEM	COMM	IENTS
	YES	NO		
EROSIONAL				
Rills & Gullies on Embankment	-	ı		
Inadequate Vegetation		V		
Outlet Channel Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Setting		1/		
Cracks or slides		,/		
Seepage		1/		
Other				
Citici		V		
APPURTENANT STRUCTURES				
Defective Spillways		1		
Dewatering Device Clogged		V		
Faulty Gates, Baffles, Pump		V		
Other		1/		
ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED: None				
NAME OF INSPECTOR: M. Kan	rcak			

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OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6 18 2019				
DATE OF INSPECTION:	1	2	3	4
POND INSPECTION	5-P5	5-P6	5-P7	T -
			VX: X V	
	SED. POND	SED. POND	SED. POND	
CDFS OUTFALL #	003	003	003	
OPERATIONAL STATUS AT TIME OF INSF	ECTION			
	Da	daimed	l Oct	- DNS
Approximate water level:	Ne	aume	X Oct	200
Sediment level (% total storage): Outflow (cfs):				
Outilow (CIS).				
FEATURES	PROF	BLEM	COMM	MENTS
	YES	NO		
EROSIONAL		1.10	======	
Rills & Gullies on Embankment		NA		
Inadequate Vegetation				
Outlet Channel Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Setting				
Cracks or slides				
Seepage		1		
Other				
APPLIPTEMANT CTPLICTURES				
APPURTENANT STRUCTURES				
Defective Spillways Dewatering Device Clogged				
Faulty Gates, Baffles, Pump Other				
ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED:				
NAME OF INSPECTOR: M. Kau	rak			

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: \$6/18/19				
	1	2	3	4
POND INSPECTION	9A-P1	9A-P2	9A-P3	9A-P4
	SED. POND	SED. POND	SED. POND	SED. POND
	V	V	1	
CDFS OUTFALL #	Ó18	019	020	021
OPERATIONAL STATUS AT TIME OF INSPECTI	<u>ON</u>			
Approximate water level:	All Do	ry exept	9A-P1,	small pool
Sediment level (% total storage):	<10°1	0		
Outflow (cfs):	O CPS			
FEATURES	PRO	BLEM	COM	MENTS
	YES	NO		
EROSIONAL				
Rills & Gullies on Embankment		V		
Inadequate Vegetation				
Outlet Channel Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Setting				
Cracks or slides		1		
Seepage		1		
Other		1		
ADDUCTENANT OTRUCTURES				
APPURTENANT STRUCTURES		. 1		
Defective Spillways Dewatering Device Clogged				
Faulty Gates, Baffles, Pump				
Other				
			1 1 0	1
ACEA Include	ded in w	pcoming	band Re	lease.
MAINTENANCE REQUIRED:				

NAME OF INSPECTOR:_

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6 18 19				
POND INSPECTION	9-P1	9-P2	3 9-P3	9-P4
		0.2		
	SED. POND	SED. POND	SED. POND	SED. POND
CDFS OUTFALL#	V		024	914
OPERATIONAL STATUS AT TIME OF INSI	PECTION			
Approximate water level:	AIL	Da		
Sediment level (% total storage):	418	5°60		
Outflow (cfs):				
r				
FEATURES		BLEM	COM	/IENTS
EROSIONAL	YES	NO		
Rills & Gullies on Embankment		V		
Inadequate Vegetation		V	1	
Outlet Channel Erosion		1/	All Sho	w
Burrows	1		100,000	animal
Other		./	VVILADE	William
			Bm	ow, animal bus
STRUCTURAL				
Differential Setting		V		
Cracks or slides		V		
Seepage		V		
Other			Ì	
APPURTENANT STRUCTURES		1		
Defective Spillways				
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump		V		
Other ADDITIONAL COMMENTS:				
ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED: None				
NAME OF INSPECTOR: M. Kau	reak			

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OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6/18/49			227	
POND INSPECTION	9-P5	9-P6	9-P7	9-P8
	SED. POND	SED. POND	SED. POND	SED. POND
CDFS OUTFALL#	017	015	013	016
OPERATIONAL STATUS AT TIME OF INSE	PECTION			
Approximate water level:	Ì/	41 do	M	
Sediment level (% total storage):		2 10%	1	
Outflow (cfs):)		
FEATURES	PPO	BLEM	COMA	MENTS
TEATORES	YES	NO	COMIN	ILNIS
EROSIONAL		1		
Rills & Gullies on Embankment		V	10. 1	
Inadequate Vegetation		1	Mino	50
Outlet Channel Erosion		V	Ani	mal
Burrows	V		1/	mal Buraos
Other .		1	K)(() (((((((((((((((((
STRUCTURAL				
Differential Setting		V		
Cracks or slides				
Seepage				
Other				
APPURTENANT STRUCTURES				
Defective Spillways		1		
Dewatering Device Clogged		1		
Faulty Gates, Baffles, Pump		V		
Other				
ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED: NONE				
1 - 1	- (
NAME OF INSPECTOR: M. Waws	rak			

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OPERATOR: EMPIRE CORPORATION			
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>			
DATE OF INSPECTION: 6/18/19			
POND INSPECTION	1 2 HR-P1A HR-P1B	3 4	
	SED. POND SED. POND		
CDFS OUTFALL #	004		
OPERATIONAL STATUS AT TIME OF INS	PECTION		
Approximate water level:	All Da	1 (moist Be	Homs
Sediment level (% total storage):	<10%	7	
Outflow (cfs):	0		
FEATURES	PROBLEM	COMMENTS	
EROSIONAL	YES NO		
Rills & Gullies on Embankment			
Inadequate Vegetation			
Outlet Channel Erosion			
Burrows			
Other			
STRUCTURAL			
Differential Setting			
Cracks or slides	V		
Seepage	V		
Other	V		
APPURTENANT STRUCTURES			
Defective Spillways			
Dewatering Device Clogged			
Faulty Gates, Baffles, Pump	V		
Other			
ADDITIONAL COMMENTS:			
MAINTENANCE REQUIRED: None			
NAME OF INSPECTOR: M Laws	rak		

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6 18/19				
POND INSPECTION	1 SH-P1	SH-P2	3	4
TOND INCIDENTIAL	SII-I I	311-12		
	SED. POND	SED. POND		
CDFS OUTFALL #	011	012		
CDF3 OUTFALL#	011	012		
OPERATIONAL STATUS AT TIME OF INSI	PECTION			
A managina ata watan lawali	AI	1 7-1		
Approximate water level: Sediment level (% total storage):		10%		
Outflow (cfs):		m		
FEATURES		BLEM	COMM	IENTS
	YES	NO		
EROSIONAL				
Rills & Gullies on Embankment		V		
Inadequate Vegetation				
Outlet Channel Erosion		V		
Burrows		V		
Other		V		
STRUCTURAL				
Differential Setting		1/		
Cracks or slides		1		
Seepage				
Other				
APPURTENANT STRUCTURES				
Defective Spillways		1/		
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump		1		
Other		-		
ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED: NONE				
NAME OF INSPECTOR: M. Kau	rak			

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OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6/18/19				
POND INSPECTION	1 5A-P1	2	3	4
	SED. POND			
CDFS OUTFALL#	009			
OPERATIONAL STATUS AT TIME OF INSE	PECTION			
Approximate water level:	0	0.4		
Sediment level (% total storage):	100	21		
Outflow (cfs):		(CO)		
Oddilow (cis).				
FEATURES	PROI	BLEM	COMN	IENTS
LATORES	YES	NO	COMIN	LIVIO
EROSIONAL	120	NO		
Rills & Gullies on Embankment		./		
Inadequate Vegetation				
Outlet Channel Erosion	-			
Burrows		1		
Other				
Other				
STRUCTURAL				
Differential Setting		1/		
Cracks or slides		1		
Seepage				
Other				
Other				
APPURTENANT STRUCTURES				
Defective Spillways		1/		
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump				
Other		1		
ADDITIONAL COMMENTS.	Δ			
Portal Area redana	ction to	o begi	5000	7
4 1-00				
MAINTENANCE REQUIRED: NOCE				
NAME OF INSPECTOR: Mawc	all			

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6/18/19				
	1	2	3	4
POND INSPECTION	WASTEWAT	ER I		
	TREATMENT			
	1	1		
CDFS OUTFALL #	023	-		
OPERATIONAL STATUS AT TIME OF INSE	PECTION			
OF ENATIONAL STATES AT TIME OF INSI	11		10-	10
Approximate water level:	Ke	claine	d'20	18
Sediment level (% total storage):				
Outflow (cfs):				
FEATURES	DRO	BLEM	COMM	TENTS
TEATORES	YES	NO	COIVIIV	ILIVIS
EROSIONAL	1.20	110		
Rills & Gullies on Embankment		WA		
Inadequate Vegetation		1		
Outlet Channel Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Setting				
Cracks or slides				
Seepage				
Other				
Spicotist (1942)				
APPURTENANT STRUCTURES				
Defective Spillways				
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump				
Other				
ADDITIONAL COMMENTS:		4		
MAINTENANCE REQUIRED:				
NAME OF INSPECTOR: // . Kawes	ale).		

WILLIAMS FORK MINE WASTE PILE INSPECTION FORM

PILE I.D. NO. 1211-CO-09-01370-01 (SURFACE WASTE PILE)

PILE I.D. NO. 1211-CO-09-01370-02 (OLD NO. 9 EXCAVATION) DATE/TIME: INSPECTOR SIGNATURE: INSPECTOR TITLE: En UVO This inspection was conducted to comply with DMG Rule 4.09.1(11). This inspection was conducted to evaluate: A. Stability of fill (quarterly inspection) B. Critical construction periods: 1. Removal of all organic material/topsoil 2. Placement of underdrainage system 3. Installation of surface drainage system 4. Placement and compaction of fill materials 5. Revegetation NOTES: