	2	3	4
Spoil Spring	S I		
1/			
22 Site 1S	P		
ECTION			
Dry			
45%			
O CFS			
5501		00111	
		COMIN	IENIS
169	NU		
		1	
	1		
	V		
	1/		
		، متعديا	2000
		I WTU I	
		,	16err
/	-	Weir 1	iees.
<b>Y</b>		repair	
	22 Site 1S ECTION  Dry 45% Octs	Spoil Springs  22 Site 1SP  ECTION  CCCS  PROBLEM	Spoil Springs  22 Site 1SP  ECTION  PROBLEM COMN YES NO

i:en\envir\empire\inspep\pondform

4th Qtr 2018

_ <sub>1</sub>	2	3	4
P1	9-P2	9-P3	9-P4
ED. POND	SED. POND	SED. POND	SED. POND
		024	014
CTION			
A 14	Λ =E		
HM.	UNL		
45%			
Ø			
PROI	BLEM	COM	MENTS
YES	NO		
	4		ı
V	To the same of	erosio	nat
	1/	inlet a	P 9-01
	1/	1	· 141
	1/	1	
	V	1	
		<u> </u>	
		1	
	-	-	
<del></del>	-		
		ł	
			· · · · ·
	1/	j	
		İ	
	-	1	
	ED. POND  CTION  AM  25 %  PROI	P1 9-P2  ED. POND SED. POND  CTION  AM Dry  25 %  PROBLEM	P1 9-P2 9-P3  ED. POND SED. POND SED. POND  024  CTION  PROBLEM COMM

NATE OF INODEOTION. IOIOALIS				
DATE OF INSPECTION: 10 30 18	- 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 INSPECT	<u> ION</u>			
Approximate water level:	All Da	.A		
Sediment level (% total storage):	45%			
Outflow (cfs):	Ø			
FEATURES		BLEM	⊣ <sup>co</sup>	MMENTS
EROSIONAL	YES	NO		
Rills & Gullies on Embankment				
Inadequate Vegetation	11	1	⊣	
Outlet Channel Erosion			-	
Burrows			$\dashv$	
Other			┥	
				<b></b>
STRUCTURAL				
Differential Setting		<u> </u>		
Cracks or slides		1/		
Seepage		1/-	_	
Other		1	-	
APPURTENANT STRUCTURES				<u> </u>
Defective Spillways		1/		
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump				
Other		1	7	
Outo,			-	

OPERATOR: EMPIRE CORPORATION					
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>					
DATE OF INSPECTION: 40/30/18					
DATE OF INSPECTION: WISOIN		2	3	4	
POND INSPECTION	5-P5	5-P6	5-P7	_ <b>-</b>	1
	9)				1
	SED. POND	SED. POND	SED. POND		1
CDFS OUTFALL #	003	003	003		J
OPERATIONAL STATUS AT TIME OF INS	PECTION				
	0	ع مد	Reclam	1 A	101 20
Approximate water level:		KYZ I	reciam	en c	<u>'</u> C 20
Sediment level (% total storage): Outflow (cfs):		10000			-
Cullow (Clo).					-
FEATURES	PRO	BLEM	COM	MENTS	1
	YES	NO			J
EROSIONAL	-				]
Rills & Gullies on Embankment					
Inadequate Vegetation	\$3		1		
Outlet Channel Erosion			1		
Burrows	- 11				
Other			4		
STRUCTURAL	1				1
Differential Setting					
Cracks or slides	-	1	1		
Seepage			1		
Other			]		
APPURTENANT STRUCTURES			<del>  -</del>		-
Defective Spillways	in .				
Dewatering Device Clogged			1		
Faulty Gates, Baffles, Pump			1		
Other			1		
ADDITIONAL COMMENTS:		<u> </u>			1
MAINTENANCE REQUIRED: NA					
NAME OF INSPECTOR: M. Mause	ak		× 48	, s	,

				+ 2
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
DATE OF INSPECTION: 10/30/18				
	1	2	3	4
POND INSPECTION	5-P1	5-P2	5-P3	
	SED. POND	SED. TRAP	SED. TRAP	
CDFS OUTFALL #	007	1	l	!
OPERATIONAL STATUS AT TIME OF INSI	PECTION			
Approximate water level:	Dru			
Sediment level (% total storage):	45%			
Outflow (cfs):	Ø			
FEATURES	PRO	BLEM	COM	IENTS
_	YES	NO	1	
EROSIONAL		İ		
Rills & Gullies on Embankment		V		
Inadequate Vegetation		V	1	
Outlet Channel Erosion			1	
Burrows			1	
Other			1	
STRUCTURAL				
Differential Setting				
Cracks or slides			1	
Seepage			i	
Other			1	
		<u> </u>	1	
APPURTENANT STRUCTURES				
Defective Spillways				
Dewatering Device Clogged			1	
			1	
			1	
Faulty Gates, Baffles, Pump Other				

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
10/2-10				
DATE OF INSPECTION: 10/30/18			70 Y	
	1	2	3	4
POND INSPECTION	9-P5	9-P6	9-P7	9.P8
		1		-
	SED. POND	SED. POND	SED. POND	SED. POND
CDFS OUTFALL#	017	015	013	016
OPERATIONAL STATUS AT TIME OF INSE	ECTION			
	Ип	Da.		
Approximate water level:	141	<u>yry</u>		
Sediment level (% total storage):	< 10	60		
Outflow (cfs):	_0 c/s	V		
FEATURES	PRO	BLEM	COM	MENTS
	YES	NO	1	
EROSIONAL				
Rills & Gullies on Embankment				
Inadequate Vegetation		V	1	
Outlet Channel Erosion			]	
Burrows			]	
Other			]	
STRUCTURAL			ļ	
Differential Setting				
Cracks or slides			1	
Seepage		1/2	1	
Other			1	
<b>5</b>			1	
APPURTENANT STRUCTURES				
Defective Spillways	ļ	1/		
Dewatering Device Clogged		V	]	
Faulty Gates, Baffles, Pump		V	1	
Other		V	]	
ADDITIONAL COMMENTS:		·		
MAINTENANCE REQUIRED: Pare			*7	1
NAME OF INSPECTOR: M. La	wcal	•		

MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
DATE OF INSPECTION:D/30/18	5			
	1	2	3	4
POND INSPECTION	HR-P1A	HR-P1B		
	1	1		
	SED. POND	SED. POND		
CDFS OUTFALL#		004		
OPERATIONAL STATUS AT TIME OF INSI	PECTION			
OF EIGHTONAL STATES AT TIME STATES	2011011			
Approximate water level:	Dry			
Sediment level (% total storage):	45°10			
Outflow (cfs):	00	ડે		
FEATURES	DDO	BLEM	COM	MENTS
PEATORES	YES	NO	COMIN	HEN 13
EROSIONAL	<del>                                     </del>	<del>                                     </del>		
Rills & Gullies on Embankment				
Inadequate Vegetation				
Outlet Channel Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Setting	N	/		
Cracks or slides				
Seepage		1/-		
Other				
APPURTENANT STRUCTURES				
APPURTENANT STRUCTURES  Defective Spillways				
Defective Spillways Dewatering Device Clogged				

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
solarlia				
DATE OF INSPECTION: 10/30/18				
DOND MODEOTION	1	2	3	4
POND INSPECTION	SH-P1	SH-P2		
	SED DOND	SED BOND		
	SED. POND	SED. POND		
CDFS OUTFALL #	011	012		l
OPERATIONAL STATUS AT TIME OF INSE	ECTION			
Approximate water level:	Da			
Sediment level (% total storage):	100/-			
Outflow (cfs):	DCk			
Callow (Cla).	- DC12			
FEATURES	PROI	BLEM	COM	MENTS
	YES	NO		
EROSIONAL		/		
Rills & Gullies on Embankment				
Inadequate Vegetation		1/		
Outlet Channel Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Setting				
Cracks or slides				
Seepage		1/-		
Other				
APPURTENANT STRUCTURES				
Defective Spillways		//		
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump			•	
Other				
ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED: MONE				
NAME OF INSPECTOR: M. Ka	weale			

MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
DATE OF INSPECTION: 10/30/18				
DOME MODIFICATION	1	2	3	4
POND INSPECTION	5A-P1			
	OED DOND			<del>                                     </del>
	SED. POND			
CDFS OUTFALL #	009			1
OPERATIONAL STATUS AT TIME OF INSE	PECTION			
Approximate water level:	NM.	# 11		
Sediment level (% total storage):	45%			
Outflow (cfs):	Octs	,		
	-			
FEATURES	PROE		COMI	MENTS
	YES	NO		
EROSIONAL	1 1	1		
Rills & Gullies on Embankment				
Inadequate Vegetation		-		
Outlet Channel Erosion		<b>_</b>		
Burrows		V-		
Other				
STRUCTURAL				
Differential Setting	1 1			
Cracks or slides	×	1		
Seepage		1/7 =		
Other				
APPURTENANT STRUCTURES				
APPURTENANT STRUCTURES  Defective Spillways				
E. 100				
Defective Spillways Dewatering Device Clogged				
Defective Spillways				

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
DATE OF INSPECTION: 10/30/18				
DOND INCREATION	1	2	3	4
POND INSPECTION	WASTEWAT	ER I		
	TREATMENT			
	INCATMENT	1		
CDFS OUTFALL#	023			
OPERATIONAL STATUS AT TIME OF INSI				
Approximate water level:	Rod	amati	(0)	Donar
Sediment level (% total storage):		un wi	<u> </u>	Plugi
Outflow (cfs):	1)(4			
Callion (0.0).	7(74)			
FEATURES	PROF	BLEM	COMI	MENTS
	YES	NO		
EROSIONAL	1			
Rills & Gullies on Embankment		1/		
Inadequate Vegetation		//		
Outlet Channel Erosion				
Burrows				
Other				
STRUCTURAL				-
Differential Setting		V		
Cracks or slides				
Seepage				
Other				
APPURTENANT STRUCTURES	1	_		
Defective Spillways				
Dewatering Device Clogged		1//	-	l
Faulty Gates, Baffles, Pump				
Other				
ADDITIONAL COMMENTS:		. –	. •	
Reclandian To be finished	ech spr	ring 10	19	
MAINTENANCE REQUIRED.				
IMAIN I ENANCE REQUIRED:				
11 - 1-		/.		
MAINTENANCE REQUIRED:	aw cov	,		

## 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: Munda Law INSPECTOR TITLE:\_ 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: