OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6/13/2018	<u> </u>			
POND INSPECTION	1 Spoil Spring	2 s	3	4
CDFS OUTFALL#	22 Site 1S	P		-
OPERATIONAL STATUS AT TIME OF INSP	ECTION			
Approximate water level:	4" 1	oelow i	weir	
Sediment level (% total storage):	450/0			
Outflow (cfs):		ts		
FEATURES	PROI	BLEM	COMME	NTS
TEATORES	YES	NO	COMMI	1413
EROSIONAL				
Rills & Gullies on Embankment				
Inadequate Vegetation		V		
Outlet Channel Erosion		V		
Burrows		V	,	
Other				
STRUCTURAL				772
Differential Setting		1		
Cracks or slides		10		
Seepage		2/		
Other				
1				
APPURTENANT STRUCTURES				
Defective Spillways				
Dewatering Device Clogged		1		
Faulty Gates, Baffles, Pump				
Other				
ADDITIONAL COMMENTS: Site Flow	durne	April +	-May	
MAINTENANCE REQUIRED: None				
NAME OF INSPECTOR: M. Kau	vcak		, lor lopius	1.

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6/13/18				
(3)	11	2	3	4
POND INSPECTION	5-P1	5-P2	5-P3	
	SED. POND	SED. TRAP	SED. TRAP	
	SED. FORD	JED. HOAP	SED. INAP	
CDFS OUTFALL #	007			
OPERATIONAL STATUS AT TIME OF INSP	ECTION			
Approximate water level:	411	Dat		
Sediment level (% total storage):	450/0	My		
Outflow (cfs):		CPS		
FEATURES	PRO	BLEM	COM	MENTS
	YES	NO		
EROSIONAL				
Rills & Gullies on Embankment		V]	
Inadequate Vegetation		V]	
Outlet Channel Erosion		V		
Burrows]	
Other				
STRUCTURAL				
Differential Setting				
Cracks or slides			1	
Seepage		1	1	
Other			{	
Otto		_		
APPURTENANT STRUCTURES				- 15
Defective Spillways		1		
Dewatering Device Clogged		V	1	
Faulty Gates, Baffles, Pump		-		
Other			85	
ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED: None				
NAME OF INSPECTOR: M. Kauxa	k			

OPERATOR: EMPIRE CORPORATION				
MINE: EMPIRE NOS. 5 & 6 MINES				
DATE OF INSPECTION: 6/13/18				
DATE OF INSPECTION:		2	3	4
POND INSPECTION	5-P5	5-P6	5-P7	
	-	1	4	
	SED. POND	SED. POND	SED. POND	
CDFS OUTFALL#	003	003	003	
OPERATIONAL STATUS AT TIME OF INSE	PECTION			
Approximate water level:	1411	Day		
Sediment level (% total storage):	4501			
Outflow (cfs):	0 0	fs		-
FEATURES		BLEM	COMM	IENTS
	YES	NO		
EROSIONAL		_		
Rills & Gullies on Embankment		V		
Inadequate Vegetation		V	1	
Outlet Channel Erosion	-		1	
Burrows	-			
Other	-		1	
STRUCTURAL	 	<u> </u>	0.00	
Differential Setting		10		
Cracks or slides			1	
Seepage		1	1	
Other				
			l	
APPURTENANT STRUCTURES				
Defective Spillways		V		
Dewatering Device Clogged		1]	
Faulty Gates, Baffles, Pump]	
Other				
ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED: Nane	/-			
NAME OF INSPECTOR: M. Kawa	all			

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6/13/18				
POND INSPECTION	9A-P1	9A-P2	3	4
FORD INSPECTION	SA-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 INSPECTI	<u>ON</u>			
Approximate water level:	All DR	Y		
Sediment level (% total storage):	45010			
Outflow (cfs):	O CFS			
FEATURES	PRO	BLEM	CO	MMENTS
	YES	NO	\dashv	
EROSIONAL		57.000		
Rills & Gullies on Embankment			_	
Inadequate Vegetation		V	_	
Outlet Channel Erosion		L	_	
Burrows			_	
Other			-	
STRUCTURAL				
Differential Setting		1		
Cracks or slides		L		
Seepage		V	7	
Other				
APPURTENANT STRUCTURES	-		_	
Defective Spillways		11		
Dewatering Device Clogged		1	-	
Faulty Gates, Baffles, Pump			┥	
Other			٦	
ADDITIONAL COMMENTS:	82			
MAINTENANCE REQUIRED: LONG				
NAME OF INSPECTOR: M. Kawcak				

OPERAT	OR: EMPIRE CORPORATION				
MINE:	EMPIRE NOS. 5 & 6 MINES				
DATE OF	INSPECTION: 6/13/18				
		1	2	3	4
POND IN	SPECTION	9-P1	9-P2	9-P3	9-P4
				<u></u>	1
		SED. POND	SED. POND	SED. POND	SED. POND
CDFS OU	TFALL#		<u> </u>	024	014
OPERATI	ONAL STATUS AT TIME OF INSI	PECTION			
	****	M	mu		
Approximate		VTIL	UK V		
	vel (% total storage):	25/0	10		
Outflow (cfs));	_ O C	FS		
	FEATURES	PRO	BLEM	COM	MENTS
		YES	NO	1	
EROSION	IAL			0	
	Rills & Gullies on Embankment		L		
	Inadequate Vegetation		1	1	
l	Outlet Channel Erosion		1	1	
l	Burrows		1	1	
	Other			1	
				1	
STRUCT	JRAL				
	Differential Setting		V	1	
	Cracks or slides		V	1	
	Seepage		1/	1	
	Other			1	
				1	
APPURTE	NANT STRUCTURES				
	Defective Spillways		V	j	
	Dewatering Device Clogged		L)	
	Faulty Gates, Baffles, Pump		L]	
	Other				
ADDITION	NAL COMMENTS:	-			
MAINTEN	IANCE REQUIRED: None		-25		
NAME OF	: INSPECTOR: <u>M. Kaw</u>	call			

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6/13/18				
	1	2	3	4
POND INSPECTION	9-P5	9-P6	9-P7	9-P8
	SED. POND	SED. POND	SED. POND	SED. POND
	SED. FORD	SLD. FORD	SED. FORD	SED. POND
CDFS OUTFALL #	017	015	013	016
OPERATIONAL STATUS AT TIME OF INSE	PECTION			
Approximate water level:	All	DRY		
Sediment level (% total storage):	4501			
Outflow (cfs):	. 0	CFS		
			0 - 30.8	
FEATURES		BLEM	COM	MENTS
EROSIONAL	YES	NO		
Rills & Gullies on Embankment				
Inadequate Vegetation			1	
Outlet Channel Erosion		10	1	
Burrows			1	
Other			1	
STRUCTURAL				
Differential Setting		V]	
Cracks or slides		1	J	
Seepage]	
Other				
APPURTENANT STRUCTURES				
Defective Spillways	-		1	
Dewatering Device Clogged Faulty Gates, Baffles, Pump				
Other			}	
ADDITIONAL COMMENTS:		<u> </u>		
MAINTENANCE REQUIRED: None				
100100				
	- 12-		- 53	
Mk	1			
NAME OF INSPECTOR: M. KAWKA	K			

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 61318				
DATE OF INSPECTION. DITORS		2	3	4
POND INSPECTION	HR-P1A	HR-P1B		
	SED. POND	SED. POND		
CDFS OUTFALL #		004		
OPERATIONAL STATUS AT TIME OF INSI	PECTION			
Approximate water level:	Bot	L DRY		
Sediment level (% total storage):	459	10		
Outflow (cfs):		cts		
FF. ATUREO				
FEATURES	YES	BLEM NO	COMIN	MENTS
EROSIONAL	163	140		
Rills & Gullies on Embankment				
Inadequate Vegetation		-		
Outlet Channel Erosion				
Burrows		-		
Other				
STRUCTURAL	+			
Differential Setting				
Cracks or slides		-		
Seepage		<u></u>		
Other				
APPURTENANT STRUCTURES		-		
Defective Spillways				
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump	-			
Other	-			
ADDITIONAL COMMENTS:				
MAINTENANCE REQUIRED: None	,			22
NAME OF INSPECTOR: M. Kawai	K			

_1	2	3	4
P1	SH-P2		
D POND	SED BOND		
J. FOND	SED. FOND		
011	012		
TION			
Roll	Day		
1001	70		
0 0	ce		
0 0	•		
PRO	BLEM	COMI	MENTS
YES	NO		
	V		
	~		
	V		

	Boll Boll O G	D. POND SED. POND O11 012 TION Both Dry 25010 O CFS PROBLEM	D. POND SED. POND O11 012 TION Both Dry 25010 O CB PROBLEM COMI

₁	2	3	4
5A-P1			
SED. POND			
009			
<u>ECTION</u>			
DRU	1		
45%			
o CB		C002000	
	33X - 86		
		COMM	IENTS
YES	NO		
	-		
		2000	
	1		
_			
		- 2	
	2		
	DRY 45% CB	SED. POND 009 ECTION DRY 45% CB PROBLEM	SED. POND 009 ECTION DRY 45% CB PROBLEM COMM

OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 & 6 MINES</u>				
DATE OF INSPECTION: 6/13/18				
	1	2	3	4
POND INSPECTION	WASTEWATE	R		
	~			
	TREATMENT			
CDFS OUTFALL #	023		L	1
OPERATIONAL STATUS AT TIME OF INSP	ECTION			
Approximate water level:	DR	V		
Approximate water level: Sediment level (% total storage):) /	- 10	
Outflow (cfs):				
Outhow (cis).				
FEATURES	PROE	BLEM	COM	MENTS
7 = 61.= 6	YES	NO		
EROSIONAL				
Rills & Gullies on Embankment				
Inadequate Vegetation	i i			
Outlet Channel Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Setting	1			
Cracks or slides				
Seepage				
Other				
APPURTENANT STRUCTURES				
Defective Spillways				
Dewatering Device Clogged				
Faulty Gates, Baffles, Pump				
Other				
ADDITIONAL COMMENTS:			. ^	
In Process C	of being	g Rec	lained	
MAINTENANCE REQUIRED:				
NAME OF INSPECTOR: M. Kauxa	ak	200		