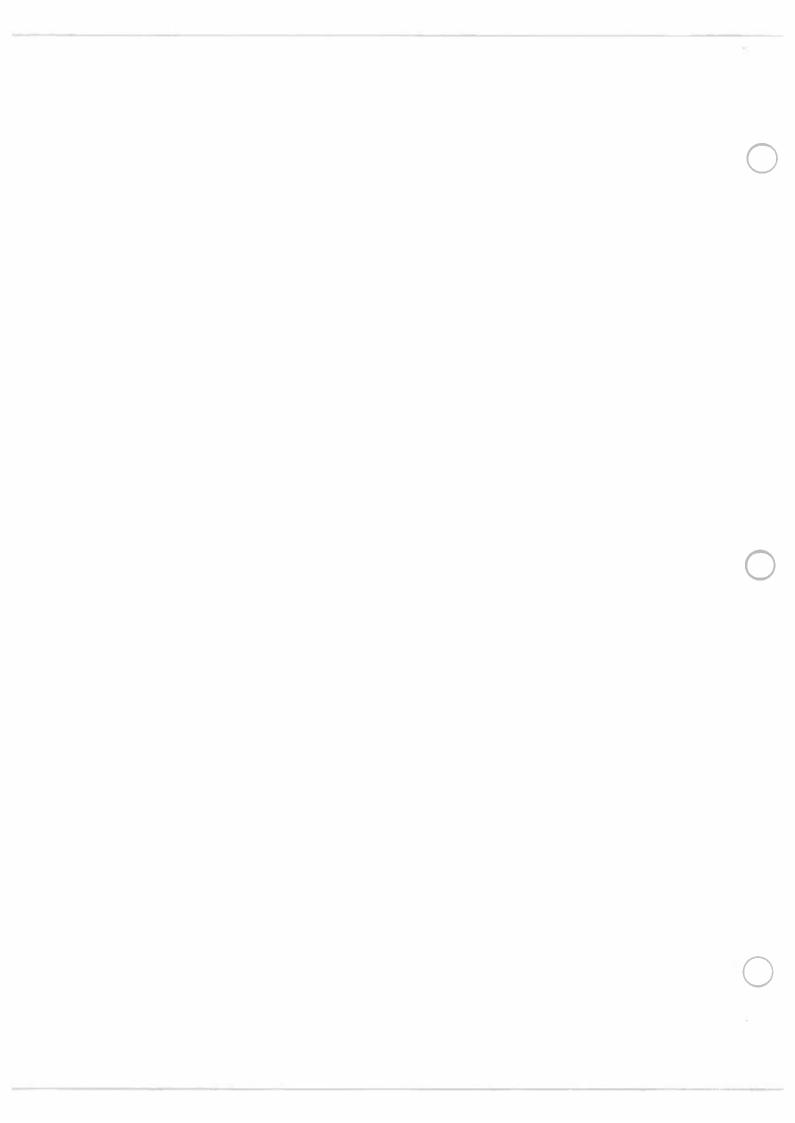
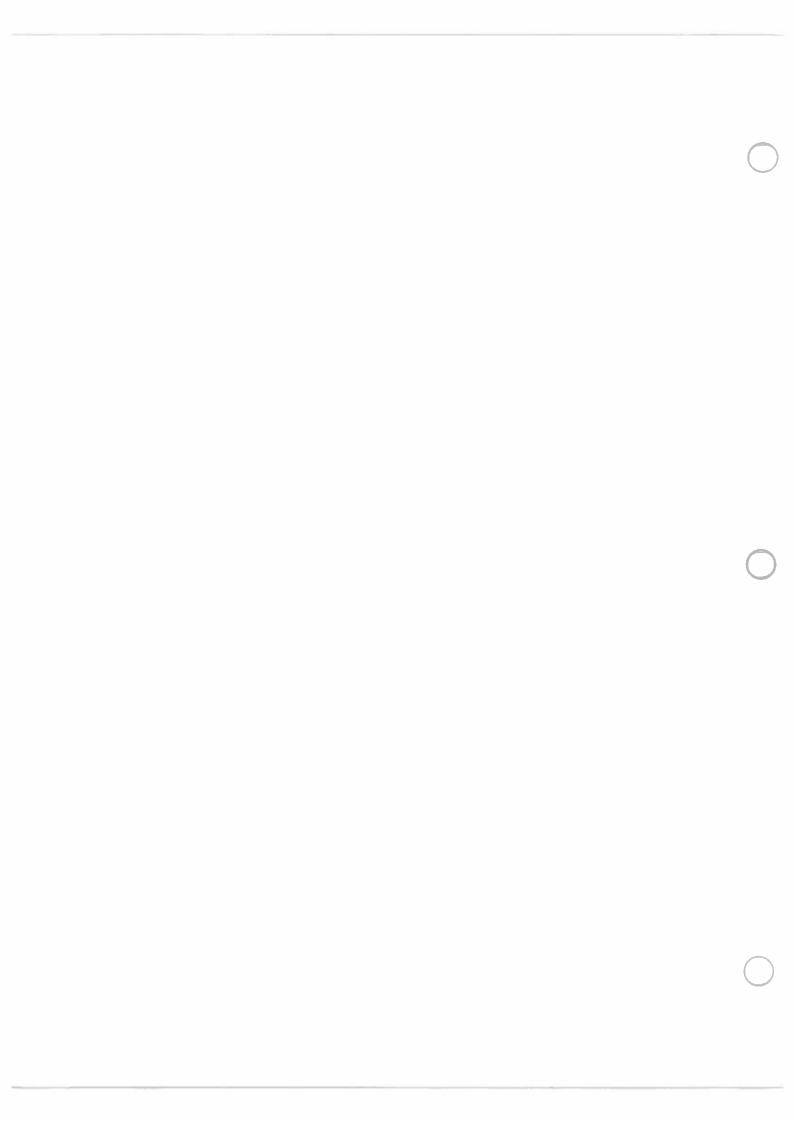
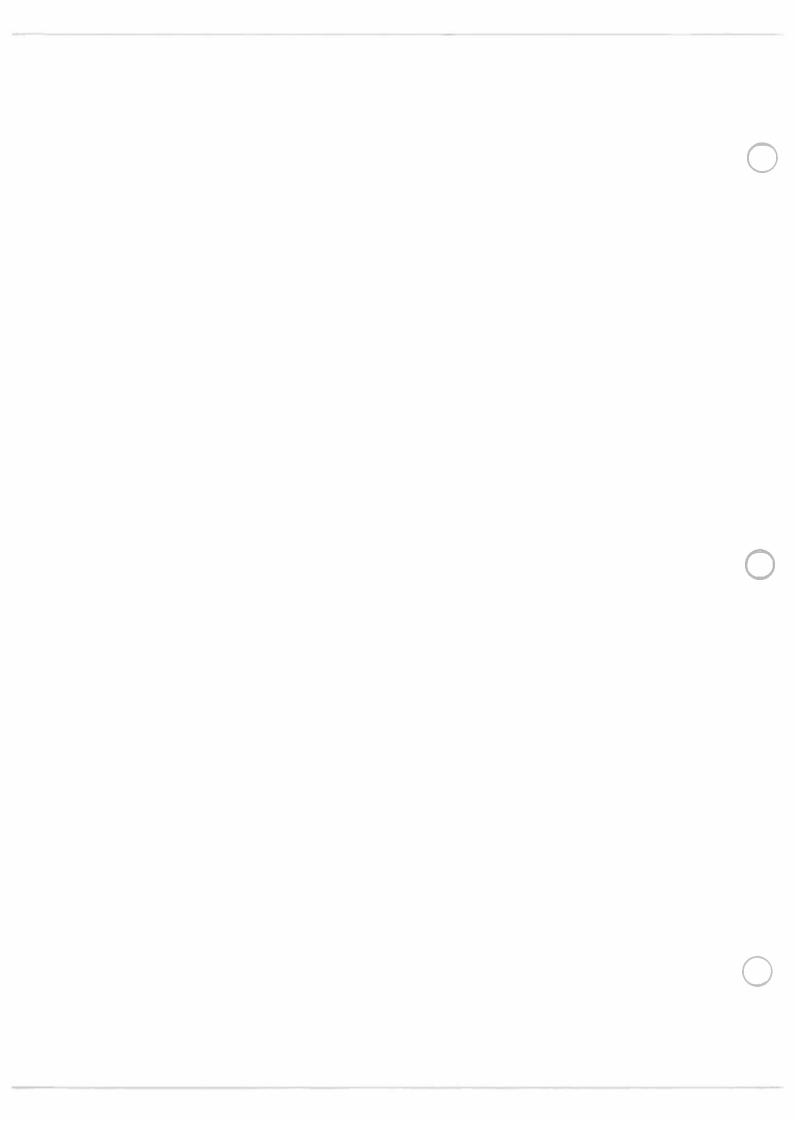
OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
DATE OF INSPECTION: 11/18/2019				
	1	2	3	4
POND INSPECTION	Spoil Spring	ıs İ		ļ
			-	<u> </u>
CDFS OUTFALL#	022 Site 1S	P		
OPERATIONAL STATUS AT TIME OF INSI	PECTION			
	., .	-, ,		
Approximate water level:	No F	10W		
Sediment level (% total storage): Outflow (cfs):				
Callion (Cis).		_		
FEATURES		BLEM	COM	MENTS
	YES	NO		
EROSIONAL				
Rills & Gullies on Embankment		V	-	
Inadequate Vegetation			-	
Outlet Channel Erosion		<del>                                     </del>	-	
Burrows		<del></del>	-	
Other			1	
STRUCTURAL				
Differential Setting		l V		
Cracks or slides			1	
Seepage		1/	1	
Other			]	
APPURTENANT STRUCTURES				, (
Defective Spillways			Wier	rusted
Dewatering Device Clogged			throu	. 010
Faulty Gates, Baffles, Pump Other		-	Ernoc	2911
	- 0 1	N .	<u> </u>	
ADDITIONAL COMMENTS: Wier to 1	de repla	ced or	repair	Spring
2020				
MAINTENANCE REQUIRED:				
4-				
MAN OF WARDEN / / / / / / / / / / / / / / / / / / /	wall			
NAME OF INSPECTOR:	man			



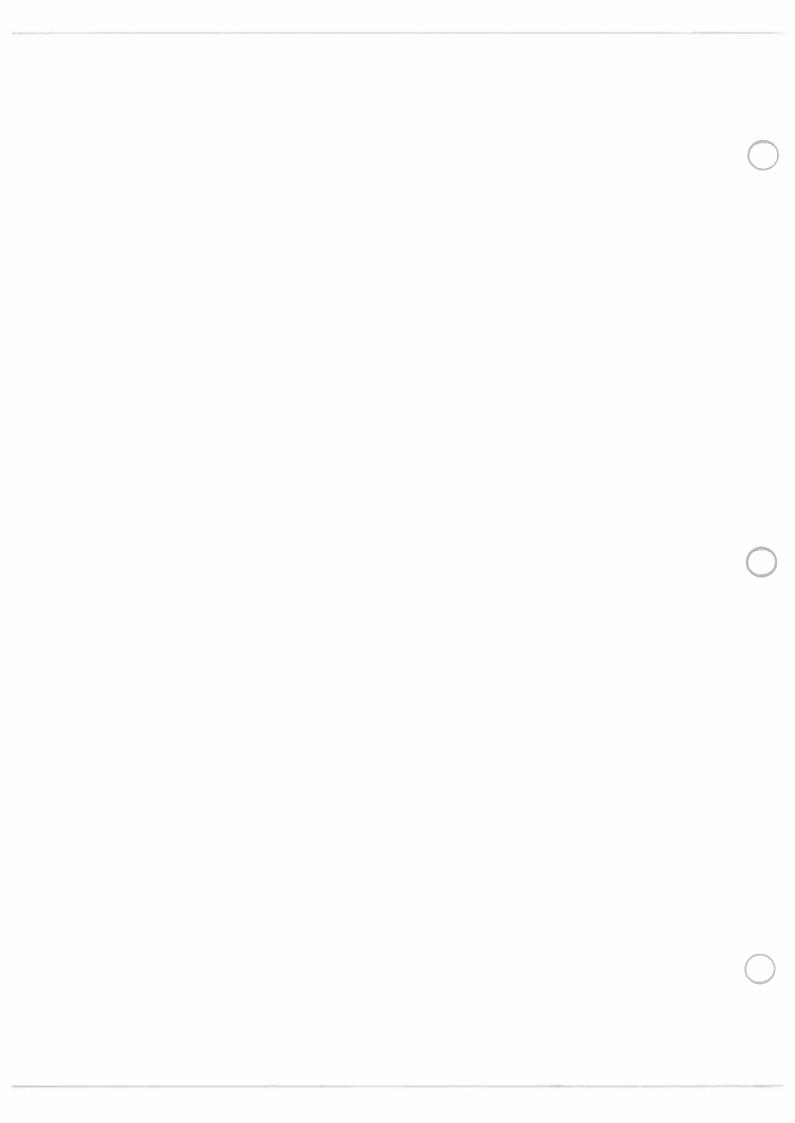
OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
DATE OF INSPECTION: 11/18/2019	<u></u>			
DOND INSPECTION	1	2	3	4
POND INSPECTION	5-P1	5-P2	5-P3	
	SED. POND	SED. TRAP	SED. TRAP	
OBEO OUTEALL#			-	
CDFS OUTFALL #	007			
OPERATIONAL STATUS AT TIME OF INSI	PECTION			
Approximate water level:	All	Dru , A	10 Flaw	
Sediment level (% total storage):	4lc	0/00		
Outflow (cfs):	OC\$	5		
FEATURES	PRO	BLEM	COMM	IENTS
TEATORES	YES	NO	CONIN	ILITIO
EROSIONAL				•
Rills & Gullies on Embankment		1		
Inadequate Vegetation				
Outlet Channel Erosion			}	
Burrows		V	]	
Other		1		
STRUCTURAL	+			
Differential Setting				
Cracks or slides			1	
Seepage		1	1	
Other				
APPURTENANT STRUCTURES				
Defective Spillways		1/		
Dewatering Device Clogged		1	l .	
Faulty Gates, Baffles, Pump Other	-	1	-	
ADDITIONAL COMMENTS:	1	1 1/		
MAINTENANCE REQUIRED:				
NAME OF INSPECTOR, M. KOLVOK				



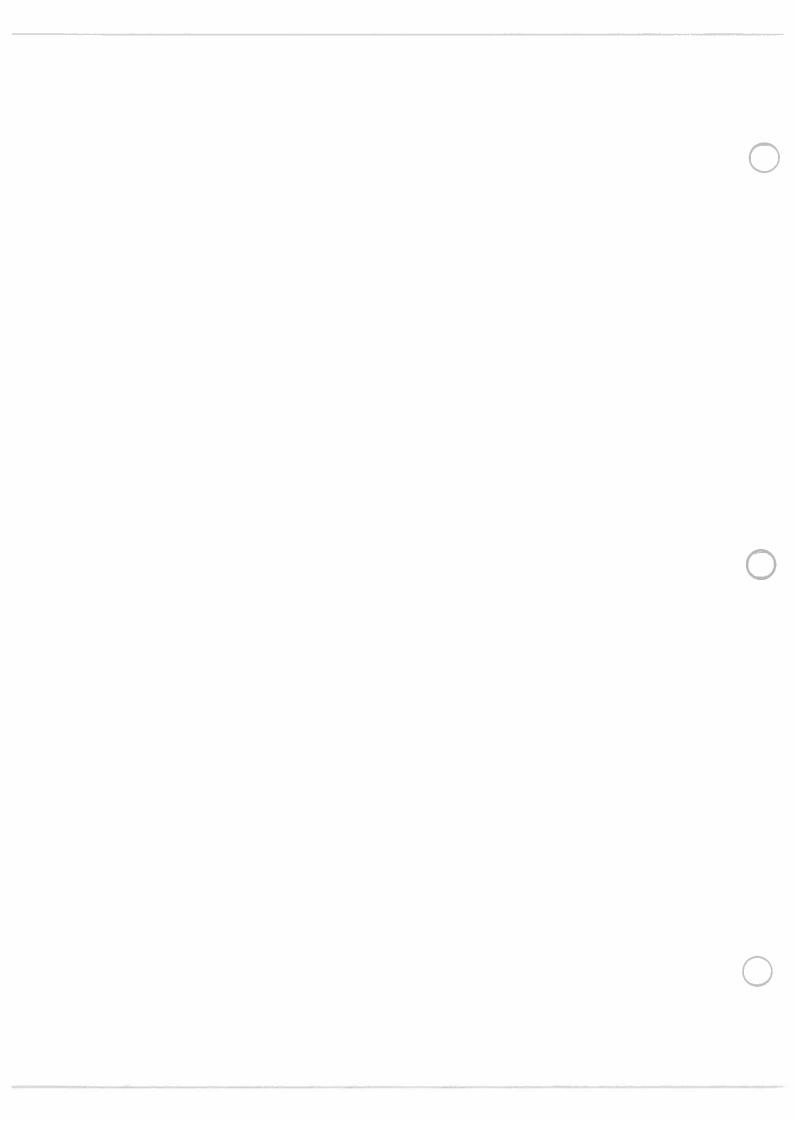
1 _ps	2	3	4
-rs	3-70	3-F1	
ED. POND	SED. POND	SED. POND	-
003	003	003	
003	003	003	
CTION			
Road	Reda	med C	ort 20
1121.104	, rection	11110- C	701 0-0
	- 28		
PROI	RIEM	COMM	AENTS
YES	NO	0011111	ILITIO
	NA		
			<del></del>
-			
	4		
	PROI	PS 5-P6  ED. POND SED. POND  003 003  CTION  Road Recla  PROBLEM	PS 5-P6 5-P7  ED. POND SED. POND SED. POND  003 003 003  CTION  POND Reclaimed C  PROBLEM COMM YES NO



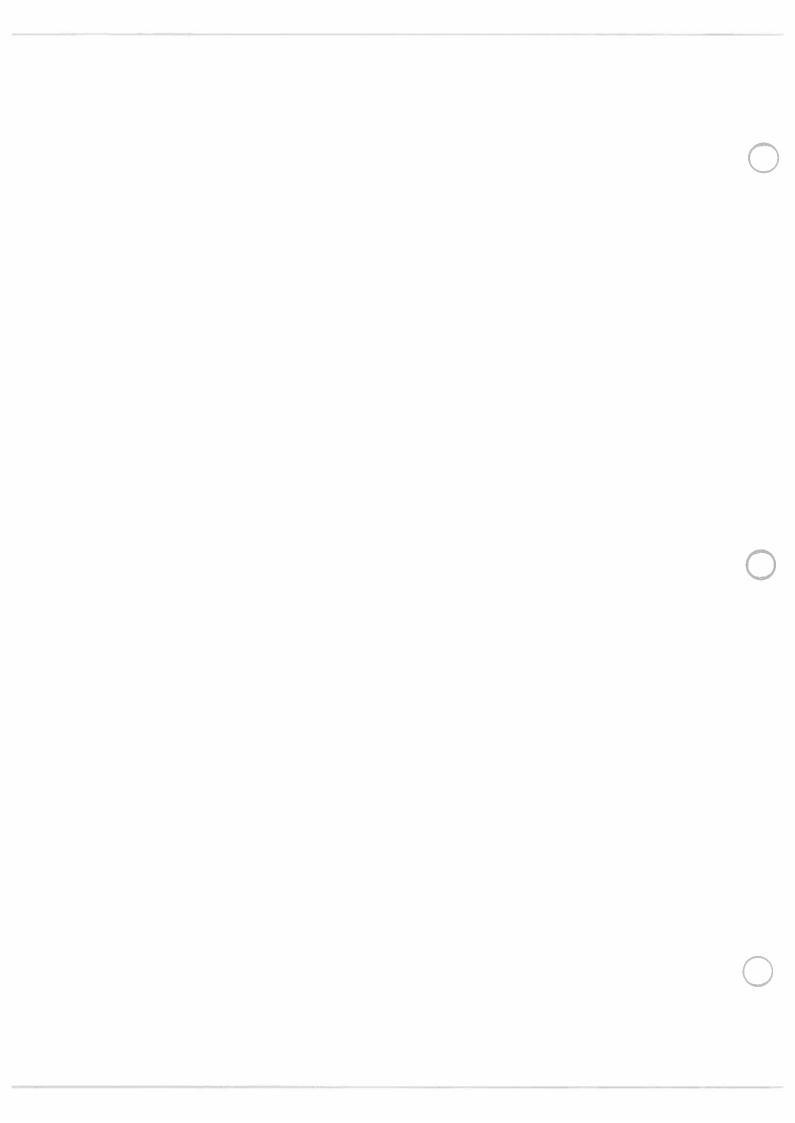
OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
DATE OF INSPECTION: 11/18/2019				
DATE OF INGI ECTION. WITH DEPORT	_ 1	2	3	4
POND INSPECTION	9A-P1	9A-P2	9A-P3	9A-P4
	SED BOND	SED, POND	OED BOND	050 0040
	SED. POND	SED. POND	SED. POND	SED. POND
CDFS OUTFALL #	018	019	020	021
OPERATIONAL STATUS AT TIME OF INSPEC	TION			
Approximate water level:	All I	Dru		
Sediment level (% total storage):	< 10°6	79		
Outflow (cfs):	O CPS			
FEATURES	PRO	DBLEM	l co	MMENTS
	YES	NO	$\dashv$	IIIIII EIGI
EROSIONAL				
Rills & Gullies on Embankment		V	_	
Inadequate Vegetation			_	
Outlet Channel Erosion		1	_	
Burrows			-	
Other		<del>                                     </del>	-	
STRUCTURAL			<u> </u>	
Differential Setting				
Cracks or slides				
Seepage		V		
Other			_	
APPURTENANT STRUCTURES		+	_	
Defective Spillways			Į	
Dewatering Device Clogged		1/-	7	
Faulty Gates, Baffles, Pump			7	
Other		1/		
ADDITIONAL COMMENTS: Filipa WI	th NRC	to coov	ect to peo	mit pands
ADDITIONAL COMMENTS: Filing WI as Liveston	ik water	tanks,		
MAINTENANCE REQUIRED:				



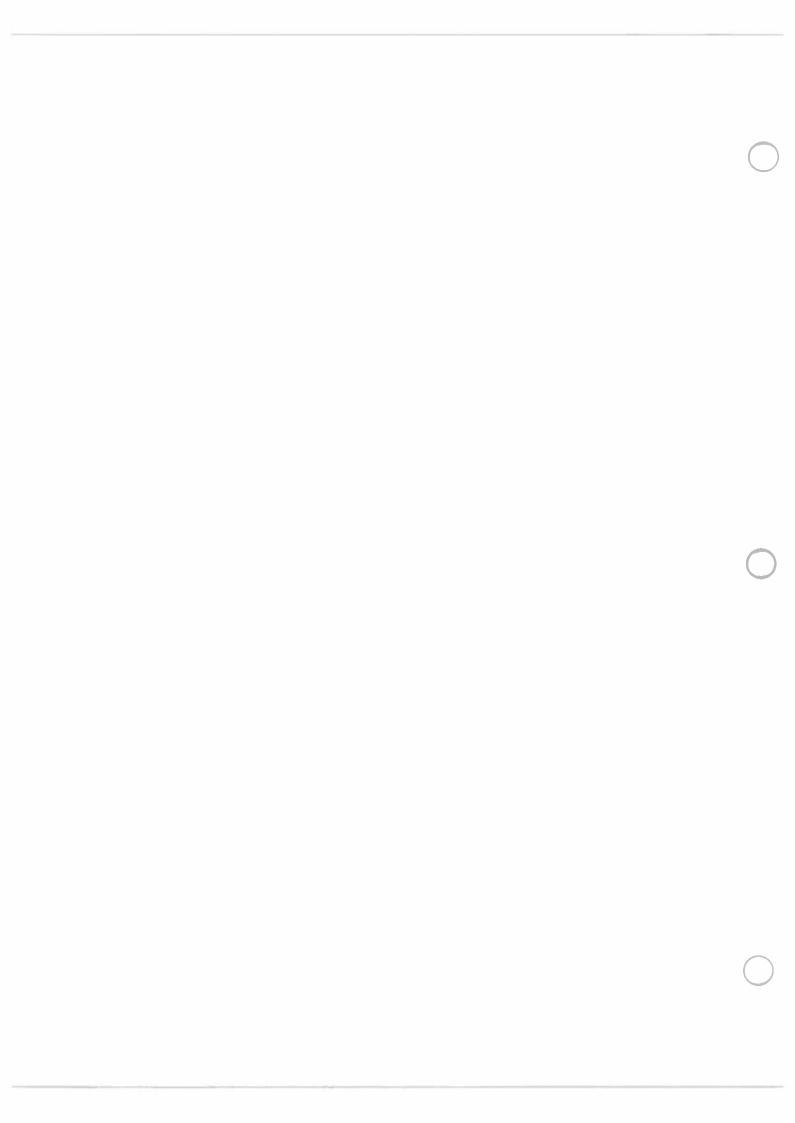
OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
DATE OF INSPECTION: 11/18/20	19			
DATE OF MOFECTION.	1	2	3	4
POND INSPECTION	9-P1	9-P2	9-P3	9-P4
	SED. POND	SED. POND	SED. POND	SED. POND
				V
CDFS OUTFALL #		·	024	014
OPERATIONAL STATUS AT TIME OF INSE	PECTION			
Approximate water level:	AIA	Day		
Sediment level (% total storage):	45	000	•	
Outflow (cfs):				
FEATURES	PRO	BLEM	COM	MENTS
	YES	NO		
EROSIONAL				-
Rills & Gullies on Embankment				
Inadequate Vegetation		V		
Outlet Channel Erosion				
Burrows		I V		
Other		V		
STRUCTURAL				
Differential Setting				
Cracks or slides		1/	•	
Seepage				
Other				
APPURTENANT STRUCTURES	<u> </u>	<u> </u>		
Defective Spillways		1/		
Dewatering Device Clogged		1/-		
Faulty Gates, Baffles, Pump				
Other		1/		
ADDITIONAL COMMENTS:	•	· · · · · · · · · · · · · · · · · · ·		
MAINTENANCE REQUIRED: None				
NAME OF INSPECTOR: M. MANA	:al/			



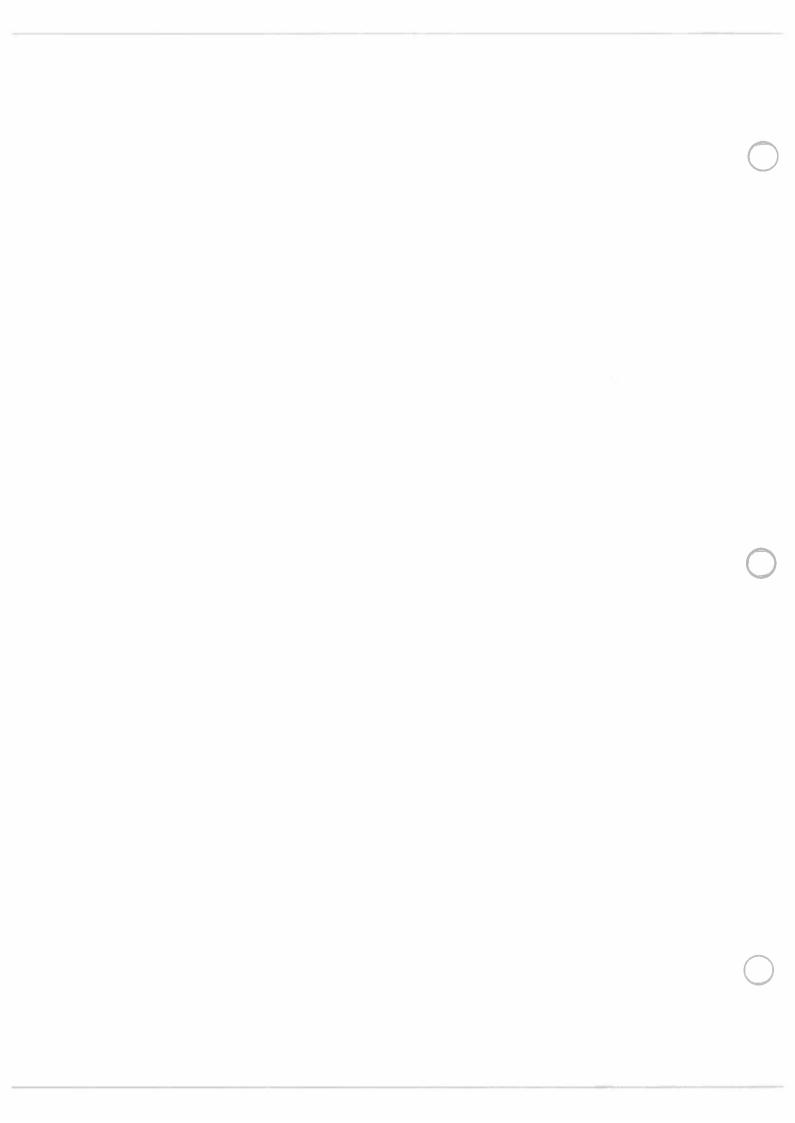
D. POND 017	2 9-P6 SED. POND 015	3 9-P7 SED. POND	4 9-P8 SED. POND
ED. POND 017	9-P6 SED. POND	9-P7 SED. POND	9-P8
ED. POND 017	9-P6 SED. POND	9-P7 SED. POND	9-P8
ED. POND 017	SED. POND	SED. POND	
017	W	<u></u>	SED. POND
•	015	042	1
TION (		013	016
ω.i			
	Dou		
450	1210		
		COM	MENTS
YES	NO		
	1/		
	1	i	
	1/	1	
	1/		
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	1	1	
	in	1	
	1		
****	1/		
		PROBLEM YES NO	PROBLEM COMM



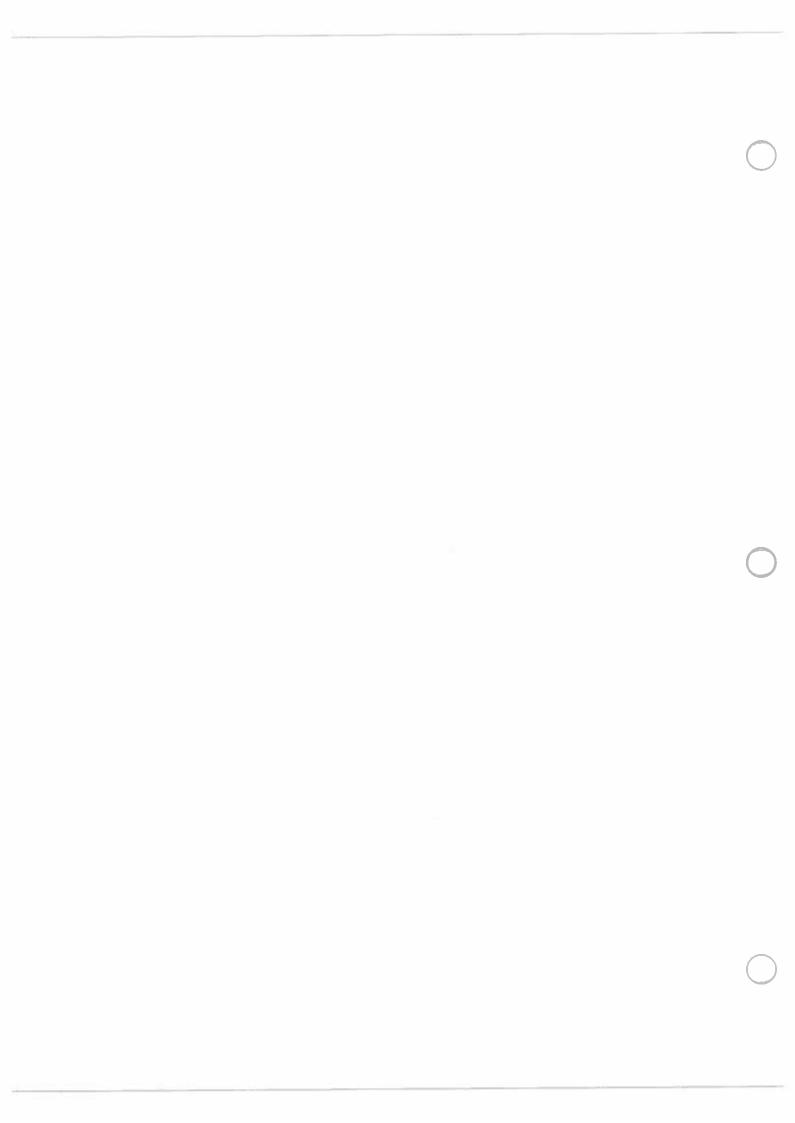
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
DATE OF INSPECTION: 118/20	<u>(9</u>			
POND INSPECTION	HR-P1A	2 HR-P1B	3	4
	SED. POND	SED BOND		
	SED. POND	SEU. POM		
CDFS OUTFALL#		004		
OPERATIONAL STATUS AT TIME OF INSI	PECTION			
Approximate water level:	Dr	1_		
Sediment level (% total storage):	456	10		
Outflow (cfs):	0			
FEATURES	PROB		COMM	ENTS
	YES	NO		
EROSIONAL				
Rills & Gullies on Embankment	<b>—</b>			
Inadequate Vegetation	<del></del>	- 1		
Outlet Channel Erosion				
Burrows	<del>                                     </del>	-4		
Other				
STRUCTURAL		_	_	
Differential Setting		1/		
Cracks or slides				
Seepage		V		
Other		V		
APPURTENANT STRUCTURES				
APPURTENANT STRUCTURES  Defective Spillways				
Defective Spillways				
Defective Spillways  Dewatering Device Clogged				
Defective Spillways				



1			
1	2	3	4
SH-P1	SH-P2		
SED. POND	SED. POND		
011	012		
PECTION			
A	W Don		
0			
DDO	DI EM		ITNITO
		COMIN	IEN 15
1.20			
1		Mia	A.C.
		Li tata	)(
-	V	Anim	ral
	V	1 111	
		Bu	mows
	,/		
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	1/		
	V		
	SED. POND  011  PECTION  A	1 2 SH-P1 SH-P2 SED. POND SED. POND  011 012  PECTION  AU D  ESSE SED. POND  PROBLEM	SH-P1 SH-P2  SED. POND SED. POND  011 012  PECTION  PROBLEM COMM



OPERATOR: EMPIRE CORPORATION				
MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>				
DATE OF INSPECTION: 11/18/2019	ι			
	1	2	3	4
POND INSPECTION	5A-P1			
	SED BOND			
	SED. POND			
CDFS OUTFALL #	009		<u> </u>	
OPERATIONAL STATUS AT TIME OF INSP	ECTION			
Approximate water level:	(40)	DCIA		
Sediment level (% total storage):	45010	, 0		
Outflow (cfs):	0			_
FEATURES				
FEATURES	PROE YES	NO NO	COMM	ENTS
EROSIONAL	123	NO		
Rills & Gullies on Embankment				
Inadequate Vegetation		1		
Outlet Channel Erosion		1		
Burrows		1/		
Other				
STRUCTURAL				
		_		
Differential Setting	<del></del>			
Cracks or slides	<b>—</b>			
Seepage Other	<del></del>			
, Other	<del> </del>			
APPURTENANT STRUCTURES	<del>                                     </del>			
Defective Spillways				
Dewatering Device Clogged		1		
Faulty Gates, Baffles, Pump		<del>-1</del> -		
Other				
ADDITIONAL COMMENTS:	1 0	h a.a. 1	^	11 (
ADDITIONAL COMMENTS: Portal o	ubout "	1192 E	deen ti	lled
10,				
MAINTENANCE REQUIRED:				
20.				
NAME OF INSPECTOR: M. Kauxal	2			



MINE: <u>EMPIRE NOS. 5 &amp; 6 MINES</u>					
DATE OF INSPECTION: 118 20 P					
	1	2	3	4	
POND INSPECTION	WASTEWAT	ER			
		<u></u>			-
	TREATMEN	r i			-
CDFS OUTFALL #	023	<u> </u>			J
	020				
OPERATIONAL STATUS AT TIME OF INS	PECTION				
	40		0 6		
Approximate water level:	N.E	claim	ea -	phina	$\mathcal{A}\mathcal{C}$
Sediment level (% total storage):					
Outflow (cfs):					-
FEATURES	PRO	BLEM	COM	MENTS	1
	YES	NO	1		
EROSIONAL				•	1
Rills & Gullies on Embankment		NA			
Inadequate Vegetation			1		
Outlet Channel Erosion					
Burrows					
Other			]		
STRUCTURAL					
SIKUCIUKAL		1 1			
		1 <i>i</i>			
Differential Setting					
Differential Setting Cracks or slides					
Differential Setting Cracks or slides Seepage					
Differential Setting Cracks or slides					
Differential Setting Cracks or slides Seepage					<b>.</b>
Differential Setting Cracks or slides Seepage Other					
Differential Setting Cracks or slides Seepage Other  APPURTENANT STRUCTURES					
Differential Setting Cracks or slides Seepage Other  APPURTENANT STRUCTURES Defective Spillways					

