NPDES

DISCHARGE MONITORING REPORT SUMMARY

Permit No. 10-002540-2 Year 1983

Name of Permittee Cyprus Mines Corp.

001

QUANTITY

Parameter (Unit)	Permit Condition	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Flow	Min.												
	Av.				1000	1605	1131	139	no discharge		no discharge	no discharge	no discharge
	Max.	no discharge			2827	3388	4079	1239					
	Min.												
	Av.		no discharge	no discharge									
	Max.												
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
	Min.												
	Av.							no discharge since July 18					
	Max.												
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												

CONCENTRATION

Parameter (Unit)	Permit Condition	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Sus. Solids	Min.				.10	2.0	2.0						
	Av. 20					10.5	4.2						
	Max. 30				10	33.0	8.0		no discharge				
Cadmium	Min.												
	Av.				←		→ <.005						.005
	Max. —												
Copper	Min.												
	Av.				←		→ <.010						<.01
	Max. —												
Zinc	Min.												
	Av.				←		→ .033						.049
	Max. —												
Arsenic	Min.												
	Av.				←		→ <.005						<.005
	Max. —												
pH	Min. 6.5				7.8	7.4	7.6						
	Av.					7.8	8.2						no discharge
	Max. 9.0				7.8	8.1	8.7						
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												

3/25 3/25 6/6 6/2 6/23 8/9 2/24/84 2/24/84

NPDES

DISCHARGE MONITORING REPORT SUMMARY

rmit No. ID-002540-2 Year 1983

ne of Permittee Cyprus Mines Corp - Thompson Creek

002

QUANTITY

rameter (Unit)	Permit Condition	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
low	Min.												
	Av.	82	95	154	399	1619	617	94	42	41	41		37
	Max. —	103	136	349	1691	2934	5034	110	71	52	52		39
trolume	Min.												
	Av.												
	Max.												
s.	Min.	3.0	2.0	2.0	2.0	3.0	1.0	1.0	2.0	2.0	5.0		2.0
ids	Av. 20	9.2	8.5	12.4	17.8	46.5	6.8	7.2	3.8	35	9.0		22.5
	Max. 30	19.0	23.0	35	57.0	95.0	13.0	23.0	7.0	6.0	12.0		80.0
H	Min.	7.0	7.4	7.8	7.1	7.8	8.3	8.5	8.6	8.5	8.21		8.02
	Av.	7.3	7.7	8.1	7.7	8.0	8.5	8.6	8.8	8.55	8.28		8.20
	Max. —	7.6	7.9	8.3	8.2	8.1	8.7	8.8	9.1	8.73	8.40		8.35
mium	Min.												
	Av.			<.005	←	→	<.005			<.005			<.005
	Max. —												
pper	Min.												
	Av.			<.01	←	→	<.010			<.01			<.01
	Max. —												
zinc	Min.												
	Av.			.053	←	→	.024			.042			.021
	Max. —												
rsenic	Min.												
	Av.			<.005	←	→	<.005			<.005			<.005
	Max. —												
		3/25	3/25				8/9			10/27			2/24

rbidity

reported quarterly

CONCENTRATION

arameter (Unit)	Permit Condition	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TC-1	Min.			.51			2.3		1.0			1.2	
	Av. — SMTU over background			.62			15.5		367			3.6	
	Max.			.76			34		456			5.9	
TC-2	Min.			.50	no report		2.4		1.0			1.2	
	Av.			.52			8.8		343			4.9	
	Max.			.56			20		1360			8.6	
TC-3	Min.			.55			3.3		1.0			0.9	
	Av.			2.62			13.8		169			8.4	
	Max.			6.7			19		664			16	
TC-4	Min.			.40			2.2		1.1			.90	
	Av.			.53			6.0		203			9.4	
	Max.			.80			12		800			18	
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
				6/2		6/23	8/9	8/16				2/24	

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