NPDES

DISCHARGE MONITORING REPORT SUMMARY

Permit No. ID-002540-2 Year 1982

Name of Permittee Cyprus Mines Corporation

001

Amended DMRs sent in (1983) - new parameters are shown

QUANTITY

Parameter (Unit)	Permit Condition	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	July-Sept.	Oct.	Nov.	Dec.
Flow	Min.												
	Av.	No discharge	No discharge	no discharge	no discharge	3438	1616	190	no discharge	no discharge	no discharge	no discharge	no discharge
	Max.					6112	2472	710					
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	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. mg/l					11.0	<1.0	5.0					
	Av. 20					32.0	7.3	6.5					
	Max. 30					57.0	12	8.0					
Cadmium	Min. mg/l												
	Av.						<.001						
	Max. —												
Copper	Min.	No discharge	no discharge	no discharge									
	Av.						<.01						
	Max. —												
Zinc	Min.												
	Av.						.054						
	Max. —												
Arsenic	Min.												
	Av.						<.01						
	Max. —												
pH	Min. 6.5					6.8	7.0	7.0					
	Av.					7.3	7.3	7.6					
	Max. 9.0					8.1	7.8	8.4					
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
		3/10/82	3/22	7/16	8/18 12/27	12/27	12/27	12/27	12/27	12/27	12/27	12/27	2/8/83

NPDES

DISCHARGE MONITORING REPORT SUMMARY

Permit No. ID-002540-2 Year 1982

Name of Permittee Cyprus Mines Corp

002

Amended DMRs (1983) and in new parameter all shown

QUANTITY

Parameter (Unit)	Permit Condition	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	July-Sept.	Oct.	Nov.	Dec.
Flow	Min.												
	Av.			176	1033	3547	993	143	46	80	128	116	88
	Max.			290	3795	5557	2472	349	77	219	245	187	110
[illegible]	Min.	No discharge											
	Av.												
	Max.												
[illegible] Solids	Min. mg 0			1.0	1.0		<2.0	2.0	1.0	10.0	1.0	1.0	3.0
	Av. 20			2.0	7.6	16	10.5	6.8	9.7	12.3	4.8	5.0	10.2
	Max. 30			3.0	15.0	26	33	14.0	24.0	14.0	11.0	10.0	23.0
pH	Min.			7.4	7.3	7.0	7.0	7.0	8.6	8.4	8.1	7.6	7.7
	Av.		7.6	~~7.6~~	7.6	7.3	7.3	8.0	8.7	8.5	8.2	7.8	7.8
	Max.			8.0	7.8	8.0	7.8	8.8	8.7	8.7	8.2	8.1	8.0
Cadmium	Min.												
	Av.			.001			<.001			<.005			<.005
	Max. —												
Copper	Min.												
	Av.			.02			.032			.01			<.01
	Max. —												
Zinc	Min.												
	Av.			.065			<.01			.074			.058
	Max. —												
Arsenic	Min.												
	Av.			.01						<.01			<.01
	Max. —												
		3/9/82		7/16	4/27	8/18 12/27	12/27	12/27	12/27	12/27	12/27	12/27	2/8/83

Turbidity

CONCENTRATION

Parameter (Unit)	Permit Condition	Jan.	Feb.	Mar.	~~Apr.~~	May	~~June~~	July	Aug.	July-Sept.	Oct.	Nov.	Oct-Dec.
TC-1	Min.		.28			1.4				1.1			.7
	Av.		.96			13.7				11.5			1.7
	Max. 5 NTU above background		1.4			34				61.0			3.4
TC-2	Min.		.38			1.0				1.0			.4
	Av.		.83			12.0				9.5			1.3
	Max. "		1.1			40				49.0			2.8
TC-3	Min.		.60			1.2				1.1			.4
	Av.		.97			7.9				7.8			2.1
	Max. "		1.2			20				38.0			5.2
TC-4	Min.		.38			1.2				1.0			.4
	Av.		1.09			6.0				8.1			1.6
	Max. "		1.6			16				41.0			3.7
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
	Min.												
	Av.												
	Max.												
			7/16/82			8/18 12/27				12/27			2/8/83