



August 2022 DMR Cross Gold Mine

2 messages

Lennberg - DNR, Patrick <patrick.lennberg@state.co.us>
To: Jacob Dyste - CDPHE <jacob.dyste@state.co.us>

Thu, Oct 6, 2022 at 5:02 AM

Good Morning Jacob,

Do you have a copy of the August 2022 DMR for the Cross Gold Mine that you could pass along to me and could you relay whether or not they were in compliance?

Thank you,
Patrick

--

Patrick Lennberg
Environmental Protection Specialist



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

P 303.866.3567 x8114 | F 303.832.8106
Physical Address: [1313 Sherman Street, Room 215, Denver, CO 80203](#)
Address for FedEx, UPS, or hand delivery:
1001 E 62nd Ave, Denver, CO 80216
Patrick.Lennberg@state.co.us | <https://drms.colorado.gov>

Jacob Dyste - CDPHE <jacob.dyste@state.co.us>
To: "Lennberg - DNR, Patrick" <patrick.lennberg@state.co.us>

Thu, Oct 6, 2022 at 3:55 PM

There were no violations in August.

Jacob

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Jacob Dyste
Enforcement Specialist



COLORADO
Water Quality Control Division
Department of Public Health & Environment

Phone: 720.583.4562
[4300 Cherry Creek Drive South, Denver, CO 80246](#)
jacob.dyste@state.co.us | www.colorado.gov/cdphe/wqcd

24-hr Environmental Release/Incident Report Line: [1.877.518.5608](tel:18775185608)

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Cross and Caribou August 2022 DMR.pdf
89K

DMR Copy of Record

Permit

Permit #:

CO0032751

Major:

No

Permittee:

Grand Island Resources LLC

Permittee Address:

12567 W Cedar Dr
Lakewood, CO 80228

Facility:

CROSS AND CARIBOU MINES

Facility Location:

CROSS AND CARIBOU MINES
BOULDER COUNTY, CO 80466

Permitted Feature:

001
External Outfall

Discharge:

001-A
Treated Mine Water to Coon Track Creek

Report Dates & Status

Monitoring Period:

From 08/01/22 to 08/31/22

DMR Due Date:

09/28/22

Status:

NetDMR Validated

Considerations for Form Completion

Oil and grease - see I.A.2, pg 3. 30 day average is the highest monthly average during period reported.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample								=	9.82	=	15.2	04 - deg C	0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.3			=	8.8	12 - SU	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<	4.0	<	4.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	30.0 30DA AVG	<=	45.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample								<	5.0			28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<	100.0			28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample								<	10.0	<	10.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	750.0 30DA AVG	<=	1500.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample								<	1.0	<	1.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	50.0 30DA AVG	<=	300.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample								<	1.0	<	1.0	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	300.0 30DA AVG	<=	600.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	150.0 30DA AVG	<=	300.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01220	Chromium, hexavalent dissolved [as	1 - Effluent	0	--	Sample								<	20.0	<	20.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB

	Cr]	Gross			Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	8	--	Sample								=	6.5	=	13.0	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	241.0 30DA AVG	<=	263.0 DAILY MX	28 - ug/L	02/30 - Twice Per Month		GR - GRAB	
					Value NODI															
01304	Silver, potentially dissolved	1 - Effluent Gross	8	--	Sample								<	0.045	<	0.045	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	0.16 30DA AVG	<=	4.1 DAILY MX	28 - ug/L	02/30 - Twice Per Month		GR - GRAB	
					Value NODI															
01306	Copper, potentially dissolved	1 - Effluent Gross	8	--	Sample								=	2.6	=	2.7	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	17.0 30DA AVG	<=	25.0 DAILY MX	28 - ug/L	02/30 - Twice Per Month		GR - GRAB	
					Value NODI															
01309	Arsenic, potentially dissolved	1 - Effluent Gross	0	--	Sample										<	5.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										Req Mon DAILY MX	28 - ug/L	01/30 - Monthly		GR - GRAB	
					Value NODI															
01313	Cadmium, potentially dissolvd	1 - Effluent Gross	8	--	Sample								<	0.5	<	0.5	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	0.82 30DA AVG	<=	3.2 DAILY MX	28 - ug/L	02/30 - Twice Per Month		GR - GRAB	
					Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample								<	20.0			28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			28 - ug/L	01/30 - Monthly		GR - GRAB	
					Value NODI															
01318	Lead, potentially dissolvd	1 - Effluent Gross	8	--	Sample								<	1.0	<	1.0	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	5.0 30DA AVG	<=	122.0 DAILY MX	28 - ug/L	02/30 - Twice Per Month		GR - GRAB	
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	01/30 - Monthly		GR - GRAB	
					Value NODI															
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	01/30 - Monthly		GR - GRAB	
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample								<	5.0	<	5.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	01/30 - Monthly		GR - GRAB	
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample												19 - mg/L		77/77 - Contingent	GR - GRAB
					Permit Req.									<=	10.0 INST MAX	9 - Conditional Monitoring - Not Required This Period				
					Value NODI															
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample										<	20.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										Req Mon DAILY MX	28 - ug/L	01/30 - Monthly		GR - GRAB	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	8	--	Sample								=	0.129355	=	0.269568	03 - MGD	0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.							<=	0.148 30DA AVG		Req Mon DAILY MX	03 - MGD	99/99 - Continuous		RC - Recorder (auto)	
					Value NODI															
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample								<	1.0			19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			19 - mg/L	01/30 - Monthly		GR - GRAB	
					Value NODI															
					Sample								<	0.2	<	0.2	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit															

71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Req. Value NODI										<=	1.0 30DA AVG	<=	2.0 DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Sample			=	0.0	AB - abst=0;prst=1												
84066	Oil and grease visual	1 - Effluent Gross	0	--	Permit Req.				Req Mon INST MAX	AB - abst=0;prst=1										0	02/30 - Twice Per Month	VI - VISUAL
					Value NODI																02/30 - Twice Per Month	VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
2022_08_CrossCaribouMine_CoverLetter.pdf	pdf	191071.0
2022_08_CrossCaribouMine_Results_2.pdf	pdf	810261.0
2022_08_CrossCaribouMine_Results_1.pdf	pdf	879798.0
2022_08_Lab_Issue.pdf	pdf	932783.0

Report Last Saved By

Grand Island Resources LLC

User: pdelaney@alexcoresource.com

Name: Patrick Delaney

E-Mail: pdelaney@blackfoxmining.com

Date/Time: 2022-09-28 21:36 (Time Zone: -06:00)

Report Last Signed By

User: pdelaney@alexcoresource.com

Name: Patrick Delaney

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Date/Time: 2022-09-28 21:37 (Time Zone: -06:00)