

J. E. STOVER & ASSOCIATES, INC.

2352 NORTH 7TH STREET, UNIT B
GRAND JUNCTION, COLORADO 81501
PHONE: (970) 245-4101, FAX: (970) 242-7908

MINE ENGINEERING
MINE RECLAMATION

CIVIL ENGINEERING
CONST. MANAGEMENT

December 6, 2017

Janet Binns
Division of Reclamation, Mining & Safety
1313 Sherman Street, Room 215
Denver, CO 80203

Re: McClane Canyon Mining LLC
McClane Canyon Mine
CDPS Permit DMRs
Permit C-1980-004

Dear Ms. Binns:

Enclosed please find discharge monitoring reports for CDPS Permit No. CO 0038342, outfalls 001, 002 and 004. The reports are for November of 2017.

Sincerely,

J. E. Stover

J. E. Stover, P.E.
Consulting Engineer

Enclosures

cc: Mine Records

DMRDMG

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

McClane Canyon Mining, LLC

Permittee Address:

P.O. Box 98
Loma, CO 81524

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
APPX 20MI N OF TOWN
GARFIELD COUNTY, CO 81524

Permitted Feature:

001
External Outfall

Discharge:

001-A
Sedi Pond Discharge to East Salt Creek

Report Dates & Status

Monitoring Period:

From 11/01/17 to 11/30/17

DMR Due Date:

12/28/17

Status:

NetDMR Validated

Considerations for Form Completion

Total iron limits will be waived and settleable solids limits applied for <=10YR, 24HR precip event; total iron limits will be waived for >10YR, 24HR precip event - attach documentation.

Principal Executive Officer

First Name:

Chad

Last Name:

Hunt

Title:

Vice President

Telephone:

970-245-4101

No Data Indicator (NODI)

Form NODI:

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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

No attachments.

Report Last Saved By

McClane Canyon Mining, LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2017-12-06 08:09 (Time Zone: -07:00)

Report Last Signed By

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2017-12-06 08:10 (Time Zone: -07:00)

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Permit

Permit #:

CO0038342

Major:

No

Permittee:

McClane Canyon Mining, LLC

Permittee Address:

P.O. Box 98
Loma, CO 81524

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
APPX 20MI N OF TOWN
GARFIELD COUNTY, CO 81524

Permitted Feature:

002
External Outfall

Discharge:

002-A
Undergournd Mine to East Salt Creek

Report Dates & Status

Monitoring Period:

From 11/01/17 to 11/30/17

DMR Due Date:

12/28/17

Status:

NetDMR Validated

Considerations for Form Completion

30 day average is highest monthly average reported during period reported. Oil and grease - see I.C.1.a. SAR - report adjusted @ MLOC=P.

Principal Executive Officer

First Name:

Chad

Last Name:

Hunt

Title:

Vice President

Telephone:

970-245-4101

No Data Indicator (NODI)

Form NODI: --

Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00094	Conductivity	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			7B - dS/m			
					Value NODI								C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.					>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU			
					Value NODI						C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI								C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	30 30DA AVG	<=	70 DAILY MX	19 - mg/L			
					Value NODI								C - No Discharge		C - No Discharge				
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI								C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI								C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI								C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI								C - No Discharge		C - No Discharge				
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	100 30DA AVG			28 - ug/L			
					Value NODI								C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	3500 30DA AVG	<=	7000 DAILY MX	28 - ug/L			
					Value NODI								C - No Discharge		C - No Discharge				
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	428 30DA AVG	<=	564 DAILY MX	28 - ug/L			
					Value NODI								C - No Discharge		C - No Discharge				
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	29 30DA AVG	<=	50 DAILY MX	28 - ug/L			
					Value NODI								C - No Discharge		C - No Discharge				
01313	Cadmium, potentially dissolvd	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	31 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI								C - No Discharge		C - No Discharge				
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	40 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI								C - No Discharge		C - No Discharge				
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.							<=	254 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI								C - No Discharge		C - No Discharge				
03582	Oil and grease	1 - Effluent Gross	0	--	Sample													77/77 - Contingent	GR - GRAB
					Permit Req.									<=	10 INST MAX	19 - mg/L			

					Value NODI											C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	.216 30DA AVG		Req Mon DAILY MX	03 - MGD									02/30 - Twice Per Month	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge											
					Sample															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Permit Req.				Req Mon INST MAX	AB - abst=0;prst=1									01/07 - Weekly	VI - VISUAL
					Value NODI				C - No Discharge											
Submission Note																				
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004
External Outfall

Discharge:

004-A
Surface Runoff from Haul Road

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00400	pH	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	30 30DA AVG	<=	70 MX 7D AV	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	3500 30DA AVG	<=	7000 MX 7D AV	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	IN - INSTAN
					Permit Req.	<=	.216 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											

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jestover@bresnan.net

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