

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

ARC McClain Canyon LLC

Permittee Address:

PO Box 1169
Pikeville, KY 41502

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
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 06/01/21 to 06/30/21

DMR Due Date:

07/28/21

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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

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

ARC McClain Canyon LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:02 (Time Zone: -06:00)

Report Last Signed By

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

ARC McClain Canyon LLC

Permittee Address:

PO Box 1169
Pikeville, KY 41502

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
GARFIELD COUNTY, CO 81524

Permitted Feature:

001
External Outfall

Discharge:

001-Q
Quarterly Monitoring for 001A

Report Dates & Status

Monitoring Period:

From 04/01/21 to 06/30/21

DMR Due Date:

07/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see I.C.29, pg 45.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

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

ARC McClain Canyon LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:02 (Time Zone: -06:00)

Report Last Signed By

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

ARC McClain Canyon LLC

Permittee Address:

PO Box 1169
Pikeville, KY 41502

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
GARFIELD COUNTY, CO 81524

Permitted Feature:

001
External Outfall

Discharge:

001-S
Semi-Annual Monitoring for 001A

Report Dates & Status

Monitoring Period:

From 01/01/21 to 06/30/21

DMR Due Date:

07/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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		
50092	Mercury, total low level	1 - Effluent Gross	0	--	Sample													02/YR - Twice Per Year	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L		
					Value NODI									C - No Discharge					

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

ARC McClain Canyon LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:00 (Time Zone: -06:00)

Report Last Signed By

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

ARC McClain Canyon LLC

Permittee Address:

PO Box 1169
Pikeville, KY 41502

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
GARFIELD COUNTY, CO 81524

Permitted Feature:

001
External Outfall

Discharge:

001-W
Acute WET Testing for 001A

Report Dates & Status

Monitoring Period:

From 04/01/21 to 06/30/21

DMR Due Date:

07/28/21

Status:

NetDMR Validated

Considerations for Form Completion

See I.D.1 for details of test procedure. Report LC50 - statistical point estimate which is lethal to 50% of test organisms and attach acute toxicity test report form to DMR.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

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

ARC McClain Canyon LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:00 (Time Zone: -06:00)

Report Last Signed By

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

ARC McClain Canyon LLC

Permittee Address:

PO Box 1169
Pikeville, KY 41502

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
GARFIELD COUNTY, CO 81524

Permitted Feature:

002
External Outfall

Discharge:

002-A
Undergournd Mine to East Salt Creek

Report Dates & Status

Monitoring Period:

From 06/01/21 to 06/30/21

DMR Due Date:

07/28/21

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:

Last Name:

Title:

Telephone:

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			<=	9.0 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.								<=	30.0 30DA AVG	<=	70.0 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.								<=	100.0 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.								<=	1000.0 30DA AVG	<=	7000.0 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.								<=	428.0 30DA AVG	<=	564.0 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.								<=	29.0 30DA AVG	<=	50.0 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.								<=	1.2 30DA AVG	<=	9.1 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				

01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.								<=	11.0 30DA AVG	<=	281.0 DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge		C - No Discharge			
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.								<=	4.6 30DA AVG	<=	18.0 DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge		C - No Discharge			
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														
					Permit Req.										<=	10.0 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.	<=	0.216 30DA AVG		Req Mon DAILY MX	03 - MGD									
					Value NODI		C - No Discharge		C - No Discharge										
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														
					Permit Req.				Req Mon INST MAX	AB - abst=0;prst=1									
					Value NODI				C - No Discharge										

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

ARC McClain Canyon LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:00 (Time Zone: -06:00)

Report Last Signed By

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

ARC McClain Canyon LLC

Permittee Address:

PO Box 1169
Pikeville, KY 41502

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
GARFIELD COUNTY, CO 81524

Permitted Feature:

002
External Outfall

Discharge:

002-Q
Quarterly Monitoring for 002A

Report Dates & Status

Monitoring Period:

From 04/01/21 to 06/30/21

DMR Due Date:

07/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see I.C.29, pg 45.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

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

ARC McClain Canyon LLC

User:

Name:

E-Mail:

Date/Time:

jimstover

Jim Stover

jestover@bresnan.net

2021-07-05 10:00 (Time Zone: -06:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

jimstover

Jim Stover

jestover@bresnan.net

2021-07-05 10:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

ARC McClain Canyon LLC

Permittee Address:

PO Box 1169
Pikeville, KY 41502

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
GARFIELD COUNTY, CO 81524

Permitted Feature:

002
External Outfall

Discharge:

002-X
Chronic WET Testing for 002A

Report Dates & Status

Monitoring Period:

From 04/01/21 to 06/30/21

DMR Due Date:

07/28/21

Status:

NetDMR Validated

Considerations for Form Completion

See I.D.2 for details of test procedure. Report NOEC using test code "S". Report IC25 using test code "P". Starting 1-1-18, report highest number between "P" and "S" at "T" for each parameter. IWC=100%.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

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

ARC McClain Canyon LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:00 (Time Zone: -06:00)

Report Last Signed By

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

ARC McClain Canyon LLC

Permittee Address:

PO Box 1169
Pikeville, KY 41502

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
GARFIELD COUNTY, CO 81524

Permitted Feature:

004
External Outfall

Discharge:

004-A
Surface Runoff from Haul Road

Report Dates & Status

Monitoring Period:

From 06/01/21 to 06/30/21

DMR Due Date:

07/28/21

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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

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

ARC McClain Canyon LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:00 (Time Zone: -06:00)

Report Last Signed By

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

ARC McClain Canyon LLC

Permittee Address:

PO Box 1169
Pikeville, KY 41502

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
GARFIELD COUNTY, CO 81524

Permitted Feature:

004
External Outfall

Discharge:

004-Q
Quarterly Monitoring for 004A

Report Dates & Status

Monitoring Period:

From 04/01/21 to 06/30/21

DMR Due Date:

07/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see I.C.29, pg 45.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

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

ARC McClain Canyon LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:00 (Time Zone: -06:00)

Report Last Signed By

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:04 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

ARC McClain Canyon LLC

Permittee Address:

PO Box 1169
Pikeville, KY 41502

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139
GARFIELD COUNTY, CO 81524

Permitted Feature:

004
External Outfall

Discharge:

004-S
Semi-Annual Monitoring for 004A

Report Dates & Status

Monitoring Period:

From 01/01/21 to 06/30/21

DMR Due Date:

07/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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		
50092	Mercury, total low level	1 - Effluent Gross	0	--	Sample													02/YR - Twice Per Year	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L		
					Value NODI									C - No Discharge					

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

ARC McClain Canyon LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:00 (Time Zone: -06:00)

Report Last Signed By

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2021-07-05 10:04 (Time Zone: -06:00)