

STATE OF
COLORADO

Wein - DNR, Clayton <clayton.wein@state.co.us>

McClane Canyon Mine, C-1980-004, May 2024 Complete Inspection Report

1 message

Wein - DNR, Clayton <clayton.wein@state.co.us>

Tue, May 28, 2024 at 3:57 PM

To: joe <joe@ridgerunnergeo.com>, Chuck Silengo <csilengo@bresnan.net>

Cc: DNR DRMS_CoalAdmin - DNR <dnr_drms_coal_admin@state.co.us>

Good afternoon Joe and Chuck,

Attached with this email is the Division's report for the complete inspection of the McClane Canyon Mine conducted on May 16, 2024. Please note comments and Maintenance items outlined in **Bold** text within the report. If you have any questions or concerns, please feel free to contact me.

Sincerely,

Clayton Wein

Environmental Protection Specialist



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

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McClane Canyon Mine, C-1980-004, May 2024 Complete Inspection Report_CCW.pdf

1692K



PERMIT INFORMATION

Permit Number: C-1980-004 Mine Name: McClane Canyon Mine Operator: ARC McClane Canyon, LLC Operator Address: Joe Brinton 652 Peony Dr Grand Junction, CO 81507	County: Garfield Operation Type: Underground Permit Status: Temporary Cessation Ownership: Private
	Operator Representative Present: Chuck Silengo
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: May 16, 2024 Inspection Start Time: 09:00 Inspection End Date: May 16, 2024 Inspection End Time: 10:20		Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Clear	
Joint Inspection Agency: None		Joint Inspection Contacts: None	
Post Inspection Agency: None		Post Inspection Contacts: None	
Inspector(s): Clayton Wein Travis Marshall		Inspector's Signature: <i>Clayton Wein</i> Signature Date: 5/28/2024	

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

N - Air Resource Protection

R - Availability of Records

N - Backfill & Grading

N - Excess Spoil and Dev. Waste

N - Explosives

R - Fish & Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

N - Other

N - Processing Waste

R - Roads

N - Reclamation Success

N - Revegetation

N - Subsidence

N - Slides and Other Damage

R - Support Facilities On-site

R - Signs and Markers

N - Support Facilities Not On-site

N - Special Categories Of Mining

R - Topsoil

COMMENTS

This report documents the Division's observations taken during a complete inspection of the McClane Canyon Mine, Permit No. C-1980-004. The inspection was conducted on May 16, 2024 by Clayton Wein and Travis Marshall of the Division. The operator, ARC McClane Canyon was represented during the inspection by Chuck Silengo. The weather was clear with a temperature of 55° F. The ground conditions were dry.

Maintenance Items Identified:

Please complete maintenance items 1 and 2 no later than June 6, 2024. Please submit photos to the Division of the maintenance items once they are completed.

1. The Silt fence on the south office sump was partially fallen over. Please repair the silt fence.

2. The D-2 Ditch was partially cleaned. The ground conditions were too soft to complete the ditch cleanout prior to May 16, 2024. Please clean the D-2 Ditch as soon as ground conditions allow but no later than June 6, 2024.

3. As noted in Previous Division Inspection Reports there is minimal to no room left in the current coal waste pile configuration. The Division recommends submitting a technical revision to revise the location of the placement of on-site sediment control structures cleaning materials. Please provide the Division with a revision application as soon as possible. The ground conditions at the mine site are beginning to allow for any necessary construction to begin.

AVAILABILITY OF RECORDS – Rule 5.02.4(1): Office

The records for the McClane Canyon Mine are located at the Mesa County Recorder's Office in Grand Junction, Colorado. The records for the mine are accessed electronically via a computer in the Recorder's Office with a connection to the Division's Laserfiche Database. Instructions on how to access the records are kept at the office

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as well. The records for the McClane Canyon Mine were up to date. Please see the Availability of Records Form attached to the end of this report for more details.

Please note that the current Insurance Certificate is set to expire in June 2024.

FISH and WILDLIFE – Rule 4.18:

During the inspection, several sets of deer tracks were observed surrounding the sediment pond. Deer droppings were also observed on the pond's embankment and the area in-between the topsoil pile and the sediment pod.

HYDROLOGIC BALANCE - Rule 4.05

Drainage Control 4.05.1, 4.05.2, 4.05.3; Siltation Structures 4.05.5, 4.05.6; Discharge Structures 4.05.7, 4.05.10; Diversions 4.05.4; Effluent Limits 4.05.2; Ground Water Monitoring 4.05.13; Surface Water Monitoring 4.05.13; Drainage – Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

Two sumps are located on the west side of the mine office pad. One sump is located on the north side of the haul road and the other is located on the south side of the haul road. The north sump was dry at the time of the inspection (Photo 1). The silt fence at the outlet was in good shape and there were no erosional concerns. The sump was stable. The south sump was also dry. The sump was stable with no erosional features. **The silt fence for the sump's outlet had partially fallen down (Photo 2). Please repair the silt fence no later than June 6, 2024.**

Sump P is located on the north side of the haul road in-between the office pad and the sediment pond. The sump was dry during the inspection. The sump was stable and no erosional features were observed. The silt fence for the outlet was in good condition.

Sump Q is located on the north side of the haul road from the sediment pond. The sump was dry and stable. The culvert outlet for the sump was clear of debris. There were no erosional concerns identified. The outlet of Sump Q's discharge culvert goes underneath the haul road and discharges into the sediment pond. The outlet of the discharge culvert was also clear of debris.

On the south side of the haul road, the D-6 Ditch transports runoff from Sump J to the sediment pond. The D-6 Ditch was unobstructed and stable (Photo 3). There were no erosional features.

The sediment pond was impounding a small amount of water in the bottom. The level of water in the pond was well below the inlet of the primary discharge outlet (Photo 4). The riser pipe for the primary discharge point was clear and in good condition. The embankment for the pond was stable with vegetative cover. There were no erosional features observed. The sediment marker was seen in the pond. The level of sediment in the pond's bottom was well below the amount needed to require cleaning.

Sump J had no water in it during the inspection (Photo 5). The outlet for the sump is an open discharge outlet. The outlet was clear and there were no indications of instability or erosion.

The D-6 and D-4 bar ditches parallel the haul road. The ditches were dry and clear of debris. There were no erosional features observed.

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Sump I is located just west of the mine portals bench and then the north side of the haul road. The sump was dry during the inspection (Photo 6). There were no erosional features or indications of instability. The culvert outlet for the sump was clear of debris.

Sump B is located on the northwest side of the portals bench. The sump was also dry. The culvert outlet for the sump was clear of obstructions. There were no indications of instability or erosion.

Sump A is located on the northern side of the portals bench (Photo 7). The sump was dry and stable. There were no erosional features observed. The trash rack covering the outlet was clear of debris.

Sump D is located on the eastern portion of the portals bench (Photo 8). The sump was not holding any water during the inspection. The outlet for the sump was unobstructed. There were no erosional features or indications of erosion.

The clear water diversion sump E was dry and stable. The culvert outlet for the sump was clear of debris (photo 9). There were no erosional features or indications of instability observed.

The D-5 clear water culvert was in good repair. No issues were observed.

The D-2 ditch transports runoff behind the south side of the shop and into the D-3 ditch. The D-2 ditch was mostly dry (Photo 10). The remainder of the ditch that needs to be cleaned will be conducted soon according to Mr. Silengo. The ground conditions needed to be dry before the remainder of the ditch could be cleaned. **Please clean the D-2 Ditch as soon as ground conditions allow but no later than June 6, 2024.**

The D-3 ditch was also dry during the inspection. The ditch was stable and clear of obstructions. There were no erosional features.

ROADS – Rule 4.03

Construction 4.03.1(3)/4.03.2(3), Drainage 4.03.1(4)/4.03.2(4), Surfacing and Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6), Reclamation 4.03.1(7)/4.03.2(7):

The haul road was stable. The bar ditches were observed to be unobstructed and dry. No erosional features were identified. The berm between the north side of the haul road and Upper McClane Creek was stable with vegetative cover.

SUPPORT FACILITIES - Rule 4.04:

The Mine Office pad was well kept and stable. There were no erosional features identified. No fuel spills or contaminated soils were observed. Catch pans were observed to be placed under the equipment parked on the pad (Photo 11). All liquids were seen stored in a secondary containment structure.

The laydown across the haul road from the sediment pond was organized and stable. There were no off site impacts observed.

Equipment and materials are stored on the mine portals bench (Photo 12). The bench was stable and there were no erosional concerns. No fuels or hydrocarbons were observed outside of secondary containment structures.

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The coal waste pile is currently being used to store material cleaned out from the hydrologic control structures at the mine site. The pile was stable with no erosional concerns. The pile has reached capacity and no more material can be placed on the pile. The Division is currently working with the operator on an upcoming revision to the permit to place material cleaned from the sediment control structures on to the existing subsoil stockpile.

SIGNS AND MARKERS – Rule 4.02:

The updated mine identification sign was observed to be posted on the entrance gate over East Salt Greek (Photo 13). The sign displayed the current company name, permit number and contact information for both the Division and ARC McClane Canyon. The topsoil pile marker was seen on top of the topsoil stockpile to the southeast of the sediment pond. Stream buffer zone markers were also observed placed between the haul road and Upper McClane Creek in the areas that were closest to the creek.

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

The topsoil pile was stable with vegetative cover (Photo 14). There were no signs of erosion. The perimeter ditch was stable with no debris. The topsoil pile marker was observed posted on top of the pile.

DOCUMENTS RECEIVED: None

OTHER (SPECIFY): None

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ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending.

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PHOTOGRAPHS

Photo 1: The northwest office pad sump.



Photo 2: The silt fence at the southwest office sump outlined in red that needs to be repaired.



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Photo 3: The D-6 ditch east of the sediment pond.



Photo 4: The sediment pond.



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Photo 5: Sump J



Photo 6: Sump I.



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Photo 7: Sump B.



Photo 8: Sump D



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Photo 9: The inlet to the Sump E culvert.



Photo 10: The D-2 ditch behind the shop.



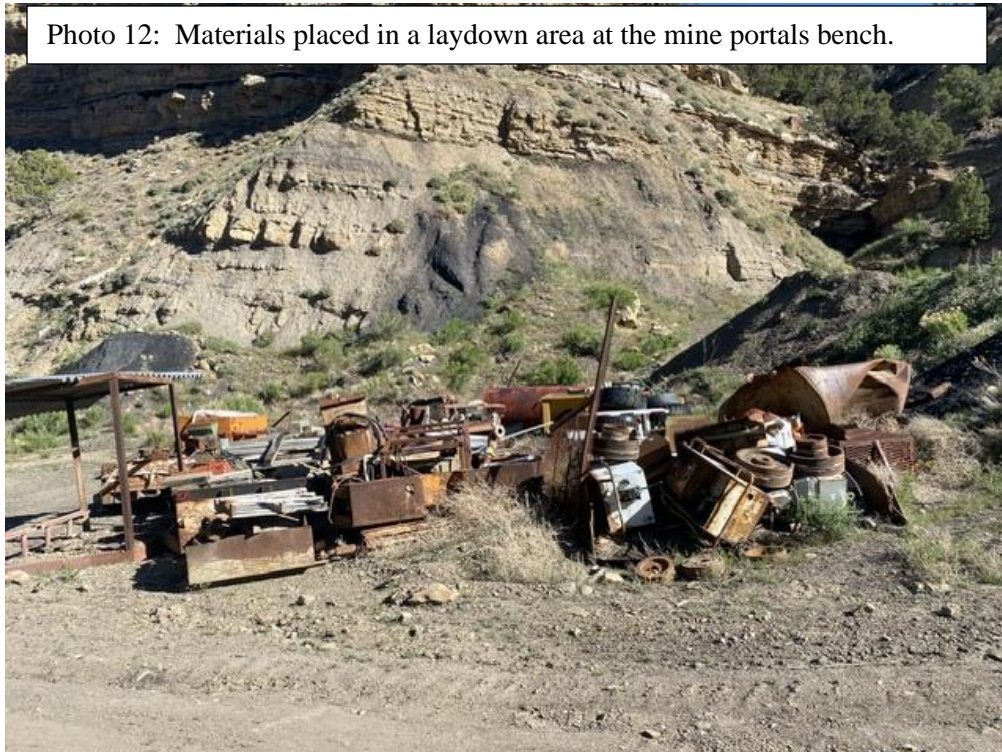
Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4

Photo 11: A catch pan underneath a loader.



Photo 12: Materials placed in a laydown area at the mine portals bench.



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Photo 13: The new Mine ID sign.



Photo 14: The topsoil stockpile.



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AVAILABILITY OF RECORDS

PERMIT RECORDS

DRMS Permit	RN-09
Permit Application w/Revisions	Laserfiche
Findings Document	RN-09
Insurance Certificate	*Exp. June 2024
Bond Document	RN-09
Phased Bond Release	NA
Documents/Findings	
Air Emission Permits	Exp.
County Special Use Permits	NA
UG Mining Landowner Notification	NA
Subsidence Monitoring Reports	NA
Subsidence Monitoring Data	NA
Rill & Gully Survey	NA
Vegetation Monitoring Data	2023 ARR
Specific Variance Approvals	PAP/OK
Annual Reclamation Reports	2023 ARR
Midterm Review Documents	MT-08
DRMS/OSM Inspection	
Reports/Enforcement Actions (3 Years)	1 st Q 2024
Transfers/Succession of Operator	SO-4
Temporary Cessation Notification	2011
Reclamation Cost Estimate	RN-09 RCE
CERTIFICATIONS	
Pond Certifications	OK
Annual Certifications for Impoundments	2023
Fill Certifications for Excess Spoil or Underground Development Waste	NA
• Quarterly Inspections	NA
• Compaction Testing	NA
• Final Certification	NA
Coal Processing Waste Banks	NA
Haul Road Certifications	NA
Access Road Certifications	NA

HYDROLOGIC RECORDS

NPDES Permit	CO-0038242 COR-040098
NPDES Records	Up to April of 2024
Stormwater Management Plan	2016
SPCC Plan	2013
MSHA Pond Inspections	NA
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	Up to 1 st Q 2024
Annual Hydrology Reports	2023 AHR
• Ground Water Monitoring	AHR
• Surface Water Monitoring	AHR
• Spring & Seep Monitoring	AHR
• Mine Water Discharge Monitoring	AHR
• Mine Inflow Study	AHR
• Water Consumption Records	AHR
Well Permits	OK

BLASTING RECORDS

Blasting Publication	NA
Blasting Records (3 years)	NA
ATFE Explosives Permit	NA
Blasting Variances	PAP
Pre-Blast Surveys	PAP

**ADDITIONAL RECORDS
(specify)**

COMMENTS: * The current Insurance certification will expire in June of 2024.