

STATE OF
COLORADO

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

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

1 message

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

Mon, Apr 1, 2024 at 2:40 PM

To: joe <joe@ridgerunnergeo.com>

Good afternoon Joe,

Attached is the Division's report for the complete inspection of the McClane Canyon Mine conducted on March 19, 2024. Please note the Maintenance Items and due dates listed in the report. Please feel free to contact me if you have any questions or concerns.

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, March 2024 Complete Inspection Report_CCW.pdf

1346K



PERMIT INFORMATION

Permit Number: C-1980-004 Mine Name: McClane Canyon Mine Operator: ARC McClane Canyon, LLC Operator Address: Joe Brinton 652 Peony Dry 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: March 19, 2024 Inspection Start Time: 09:30 Inspection End Date: March 19, 2024 Inspection End Time: 10:40		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	Inspector's Signature: <i>Clayton Wein</i>		Signature Date: 4/1/2024

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

N - 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 observations taken by the Division during a complete inspection of the McClane Canyon Mine on March 19, 2024. The inspection was completed by Clayton Wein of the Division. The operator, ARC McClane Canyon, LLC (AMC), was represented during the inspection by Chuck Silengo. The weather was clear with a temperature of 43° F. The ground conditions were mostly dry with some muddy areas.

Maintenance Items Identified:

1. The D-2 Ditch on the south side of the portals shop has partly filled with sediment (Photo 1). The ditch needs to be cleaned to restore the ditch's full functionality to transport runoff as designed. Please clean the ditch by **April 18, 2024**.

2. The operator's representative stated that there is minimal to no room left in the current coal waste pile configuration. The Division recommends submitting a technical revision to revise the 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 will soon allow for any necessary construction to begin.**

3. The Mine Identification sign posted to the left of the gated entrance over East Salt Creek needs to be updated with the current operator's name and address (Photo 2). Please update the mine identification sign no later than **May 24, 2024**.

Please provide the Division with photos of the completed maintenance items before the listed compliance dates. If the maintenance items are not completed by the above outlined dates, enforcement action by the Division will be initiated.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The Records for the McClane Canyon Mine can be viewed at the Mesa County Recorder's office in Grand Junction, CO. The records are accessed electronically by asking the front desk at the Recorder's Office. There is

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3

an instruction sheet available with a computer to access the Division's Laserfiche Database. All current Records for the Mine can be found on this Database. Records for the McClane Canyon Mine were up to date and no items were found to be deficient. Please see the Availability of Records Form attached to the end of this report for more details.

FISH and WILDLIFE – Rule 4.18:

throughout the inspection of the mine site, several sets of track from deer, elk and bobcats (Photo 3) were observed.

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:

Sump A is located at the northeast corner of the portals area. Sump A also diverts clear water from upstream to a diversion underneath the portals pad. Sump A was not holding any water. The trash rack over the outlet was clear of debris (Photo 4). There were no indications of instability or erosion.

Sump B is a Clearwater diversion that transports upstream runoff under the portals bench. Sump B is located at the northern section of the portals area. There was no water was in the sump at the time of the inspection. The sump was stable and there were no erosional concerns identified. The culvert outlet was observed to be clear of debris or blockages.

Sump D is located on the southeastern end of the portals area. Sump D also diverts clearwater underneath the portals area. Sump D was dry. The trash rack covering the outlet was noted to be unobstructed.

Sump E is located just south of Sump D. The embankment was stable with no erosional concerns. The outlet culvert was unobstructed.

The culvert for the D-5 ditch was replaced in 2023. The D-5 ditch and culvert transports upstream clearwater beneath the portals area. The culvert was observed to be stable with no blockages.

The D-2 Ditch is located on the south side of the portals shop. The ditch had sediment deposited in it from spring snowmelt. No water was in the D-2 Ditch during the inspection. **The D-2 Ditch needs to be cleaned as soon as possible to restore the full functionality of the water conveyance system. Please complete this maintenance item by April 18, 2024.**

The D-3 Ditch is located west and below the portals shop. The ditch was observed to be stable and clear of blockages (Photo 5). There was no water in the ditch at the time of the inspection.

Sump I is located in the western end of the portals area. Sump I was dry at the time of the inspection (Photo 6). The sump was stable with no erosional features. The outlet for the sump was clear of debris.

The D-4 ditch is located on the north side of the haul road extending east from Sump Q to the portals area. The ditch was observed to be dry and stable. The berm in-between the ditch and Upper McClane Creek had no indications of instability or erosion.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3

Sump J was muddy but not holding water during the inspection (Photo 7). The sump was stable with no erosion. The outlet from the sump into the D-6 ditch was observed to be clear of debris.

The D-6 Ditch parallels the south side of the haul road and is bisected by Sump J. The Ditch was unobstructed and dry during the inspection. No observed indications of erosion or instability were identified.

Sump Q was also dry during the inspection. There were no erosional features identified or indications of erosion. The culvert outlet for the sump was clear of blockages.

The sediment pond was holding a small puddle of water (Photo 8). The level of water in the pond was below the primary discharger outlet. The outlet was clear of debris. The pond's embankment was stable with vegetative cover. There were no erosional features observed. The Inlet from the D-6 ditch into the sediment pond was stable. There were no erosional issues.

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 (Photo 9). The silt fence placed at the outlet of the sump was intact. The sump was stable with no indications of erosional features.

There are two sumps located west of the office pad, one on the north side of the haul road and one on the south side of the haul road. The north and south office pad sumps were dry. The silt fences placed at the sumps' outlets were in good condition. There were no indications of instability or erosion noted.

PROCESSING WASTE/COAL MINE WASTE PILES – Rule 4.10 and 4.11

Drainage Control; Surface Stabilization; Placement:

The coal waste pile is located on the east side of the sediment pond. The coal waste pile was stable with no indications of erosion. The material from the 2023 pond cleaning was placed on top of the coal stockpile. **The operator's representative stated that there is minimal to no room left in the current coal waste pile configuration. The Division recommends submitting a technical revision to revise the on-site coal waste pile designs. Please provide the Division with a revision application as soon as possible. The ground conditions at the mine site will soon allow for any necessary construction to begin.**

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):

During the inspection the haul road was in good repair. There were no indications of erosional features or instability. The haul road's berm between the road and Upper McClane Creek. The berm was stable and covered with vegetation.

SUPPORT FACILITIES - Rule 4.04:

The portals pad consists of three main levels. The lower area with equipment laydown locations. A middle area used for a coal stockpile when the site is in operation. The upper area containing the shop, filter shed, electrical substation, portals and a fan house. The portals pad levels were stable with no erosional issues. A length of flexible cable was observed adjacent to the portals in the Division's previous inspection. The cable had been moved to the equipment laydown area on the lower level. Several stockpiles of material removed from

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Number of Complete Inspections this Fiscal Year: 3

sumps, ditches and the pond remain throughout the portals pad levels. The Division is working with the operator's consultant to identify a location at the McClane Canyon Mine to store material cleaned from the surface water control structures. The coal stockpile has reached capacity and can no longer accept this material. A revision will be approved to create a new stockpile area for the material cleaned out of the sediment control structures.

The mine office pad is located within the western end of the permit area. The pad was in good condition. There were no indications of erosion. There were no fuel spills observed. No off site impacts were identified. The perimeter berm intact and was stable. All hydrocarbons were stored in a secondary containment structure at the south end of the office pad.

SIGNS AND MARKERS – Rule 4.02:

The Mine Identification sign posted to the left of the gated entrance over East Salt Creek needs to be updated with the current operator's name and address. Please update the mine identification sign no later than **May 24 2024**.

Stream buffer zone markers were observed placed in-between the north side of the haul road and the equipment laydown area, and Upper McClane Creek.

TOPSOIL – Rule 4.06

The topsoil pile is located just west of the sediment pond. The pile was stable with no erosional features (Photo 10). The perimeter berm was intact with no erosional issues. The topsoil pile marker was observed posted on top of the topsoil 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 D-2 Ditch requires cleaning.

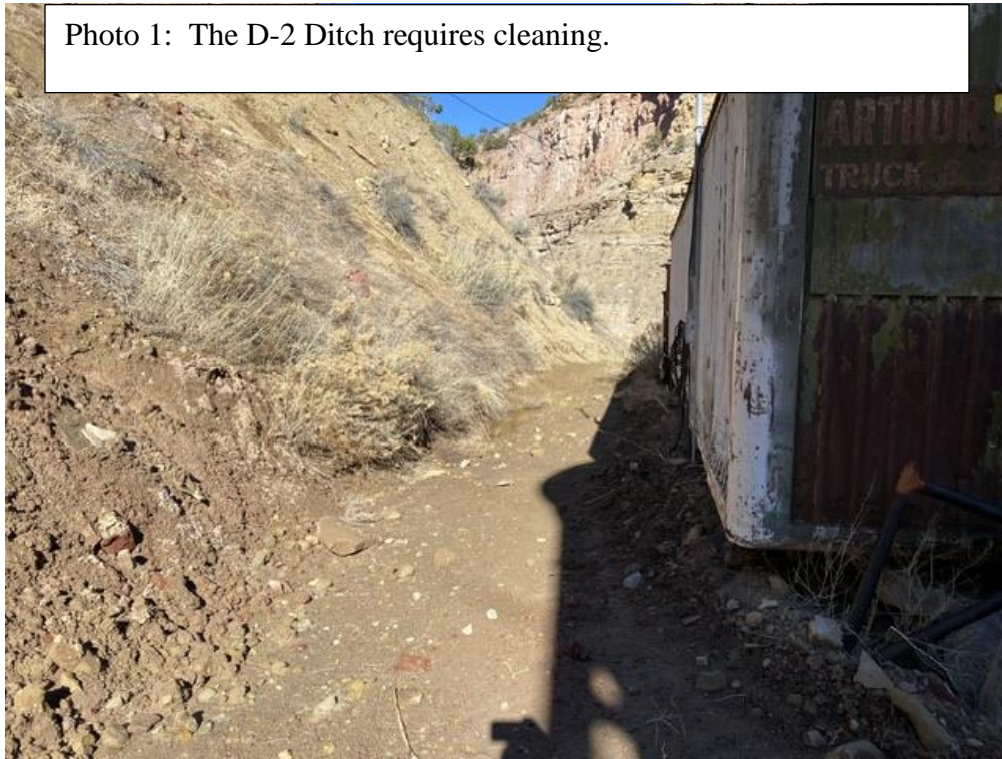


Photo 2: The Mine ID sign needs to be updated.



Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3

Photo 3: A small set of bobcat tracks observed on the portals bench.



Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3

Photo 4: The outlet of Sump B.

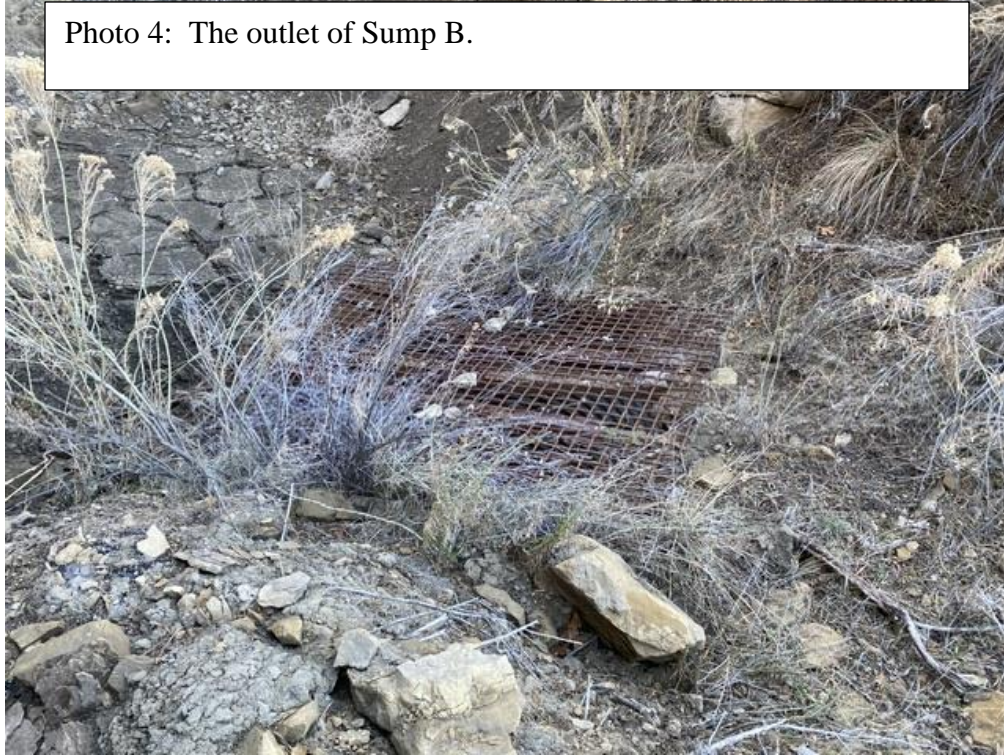


Photo 5: The D-3 Ditch.



Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3

Photo 6: Sump I.



Photo 7: Sump J.



Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3

Photo 8: The Sediment Pond.



Photo 9: Sump Q.



Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3

Photo 10: The Topsoil Pile.



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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)	4 th Q 2023
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	4 th Q 2024
Stormwater Management Plan	2016
SPCC Plan	2013
MSHA Pond Inspections	NA
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	4 th Q 2023
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 worker's compensation and employers' liability policy expired on July 31, 2023.**

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Number of Complete Inspections this Fiscal Year: 3