

**COLORADO**Division of Reclamation,
Mining and Safety

Department of Natural Resources

PERMIT INFORMATION

Permit Number: C-1980-004 Mine Name: McClane Canyon Mine Operator: ARC McClane Canyon, LLC Operator Address: Jim E Stover 2352 N 7th Street, Unit C Grand Junction , CO 81501	County: Garfield Operation Type: Underground Permit Status: Temporary Cessation Ownership: Private
	Operator Representative Present: Chuck Selingo
Operator Representative Signature: (Field Issuance Only)	

INSPECTION INFORMATION

Inspection Start Date: April 27, 2021 Inspection Start Time: 10:30 Inspection End Date: April 27, 2021 Inspection End Time: 12:30		Inspection Type: Coal Complete Inspection Inspection Reason: Other Agency Request Weather: Cloudy	
Joint Inspection Agency: Colo. Wildlife		Joint Inspection Contacts: Danielle Neumann Danielle Johnston	
Post Inspection Agency: None		Post Inspection Contacts: None	
Inspector(s): Clayton Wein	Inspector's Signature: <i>Clayton Wein</i>		Signature Date: 5/3/2021

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

R - Processing Waste

R - Roads

N - Reclamation Success

R - 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

Y - Topsoil

COMMENTS

This was a complete inspection of the McClane Canyon Mine on April 27, 2021. The inspection was conducted by Clayton Wein of the Division. Chuck Selingo represented ARC McClane Canyon, LLC during the inspection. Danielle Neumann and Danielle Johnston of Colorado Parks and Wildlife Northwest Region (CPW) attended the inspection. The inspection was conducted at the request of CPW to look at the site for weed management practices and to observe vegetation conditions at the site. CPW was notified of the McClane Canyon Mine's Permit Renewal no. 9 (RN-9) completeness, which initiated CPW's interest in the site. CPW wished to visit the site to provide comments to the Division regarding RN-9. The weather was cloudy with a temperature of 45 degrees F. There was light intermittent rain during the inspection. Ground conditions at the site were dry.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The records for the McClane Canyon Mine are located at the office of J. E. Stover and Associates in Grand Junction, CO. The records were well kept and up-to-date. For more details, please see the Availability of Records Form attached to the end of this report.

FISH and WILDLIFE – Rule 4.18:

Throughout the inspection of the western portion of the facilities are, several deer droppings were observed. Hoof prints were also seen in the same areas.

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:

During the inspection the sediment pond was dry (Photo 1). The outlet riser pipe was clear of debris. The embankment of the pond was stable with vegetative cover. There were no indications of erosional features.

There are two sumps located on the western end of the mine office pad. Both sumps were dry. The silt fences placed at the outlets were in good repair (Photo 2). There were no off-site impacts observed. The sumps were stable with no erosional concerns noted.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4

Three sumps are located east of the sediment pond along the haul road. All three sumps were dry at the time of the inspection. The outlets for the sumps were clear. There were no concerns of erosion or instability.

The bar ditches along the haul road were clear of obstructions. The berms were stable with vegetative cover. There were no erosional features identified.

Two sumps are located at the portals area. One is located at the eastern portion of the portals area. The sump was dry and the outlet was clear. There were no indications of erosion. There is a large portion of the bedrock on the canyon wall that has a large crack in it. This large rock may fall into the sump in the near future (Photo 3). Chuck Selingo stated to the Division that when it falls, he will use equipment to break up the rock and remove it from the sump. The second sump is located on the northeast portion of the portals area. The sump was also dry during the inspection. There were no erosional features identified.

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

Drainage Control; Surface Stabilization; Placement:

The refuse pile is located east above the sediment pond. The pile was stable with no erosional features. There were no off site impacts observed.

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 with no erosional features observed. Ditches along the road were observed to be in good condition.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

The topsoil stockpile was stable with vegetative cover. The topsoil pile marker was located on top of the pile in a clearly marked location. There were no erosional issues identified. There was a young whitetop plant seen on top of the pile. Danielle Johnston removed the plant on the spot. A conversation with Chuck Selingo about weed spraying occurred on top of the stockpile. Mr. Selingo stated that he sprays for weeds including whitetop every year in the spring. Mr. Selingo had stated that he plans to spray for weeds in the next week or so as conditions permit. A conversation about Cheatgrass also occurred at that time. Cheatgrass is common in the Western Slope area including the area around and in the McClane Canyon Mine. Some techniques including specialized herbicides were discussed by CPW as well as other options to try to help control Cheatgrass including the roughening of the surface to trap the plants seed. The seed become trapped in the low spots and have to compete with themselves, slowing the spread of the plant.

SIGNS AND MARKERS – Rule 4.02:

The mine identification sign is posted on the gate to the site. The sign was in good condition and legible. The sign displayed the required information about the permit, the permittee and the Division.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4

DOCUMENTS RECEIVED: None

OTHER (SPECIFY): None

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4

ENFORCEMENT ACTIONS/COMPLIANCE

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

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4

PHOTOGRAPHS



Photo 1: The sediment pond. Photo taken looking to the northeast.



Photo 2: The sump located on the northwest side of the office pad.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4



Photo 3: The eastern sump at the portals bench. The large crack in the bedrock above the sump is identified in a red circle.



Photo 4: The topsoil pile.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 4

AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	RN-09 Currently under review
Permit Application w/Revisions	OK
Findings Document	RN-08
Insurance Certificate	OK
Bond Document	OK
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	2020 ARR
Specific Variance Approvals	PAP/OK
Annual Reclamation Reports	2020
Midterm Review Documents	MT-08
DRMS/OSM Inspection	Up to
Reports/Enforcement Actions (3 Years)	date/Laserfiche
Transfers/Succession of Operator	SO-4
Temporary Cessation Notification	2011
Reclamation Cost Estimate	RN-08
CERTIFICATIONS	
Pond Certifications	OK
Annual Certifications for Impoundments	2020
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 date
Stormwater Management Plan	2016
SPCC Plan	2013
MSHA Pond Inspections	NA
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	4 th Q 2020
Annual Hydrology Reports	2020
• 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:

Number of Partial Inspection this Fiscal Year: 0Number of Complete Inspections this Fiscal Year: 4