



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: September 2, 2021 Inspection Start Time: 09:05 Inspection End Date: September 2, 2021 Inspection End Time: 09:50		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: 9/10/2021

Inspection Topic Summary

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

N - Air Resource Protection	R - Roads
R - Availability of Records	N - Reclamation Success
N - Backfill & Grading	N - Revegetation
N - Excess Spoil and Dev. Waste	N - Subsidence
N - Explosives	N - Slides and Other Damage
N - Fish & Wildlife	N - Support Facilities On-site
R - Hydrologic Balance	R - Signs and Markers
Y - Gen. Compliance With Mine Plan	N - Support Facilities Not On-site
N - Other	N - Special Categories Of Mining
R - Processing Waste	R - Topsoil

COMMENTS

This was a complete inspection of the McClane Canyon Mine was conducted on September 2, 2021. The inspection was completed by Clayton Wein of the Division. Chuck Selingo represented ARC McClane Canyon, LLC (AMC) for the inspection. The weather was clear with a temperature of 55 degrees F. The ground conditions 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. **Please see the Availability of Records Form attached to the end of this report for more details.**

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:

The day prior to the inspection the site received precipitation. Water was observed in sediment traps and the impoundment. Two sediment traps are located to the west of the mine office. The one on the north side of the haul road was dry. The silt fence at the outlet was intact. There were no off site impacts observed. The sediment trap located on the south side of the haul road was also dry. **The sediment fence was observed to be falling over (Photo 1).** No off site impacts were observed. Mr. Selingo informed the Division that the sediment traps were scheduled to be cleaned and the silt fence on the south sediment trap will be replaced. The sediment pond was impounding water during the inspection. The level of water impounded in the pond was not at the level of the discharge outlet (Photo 2). The outlet was clear of debris. The embankment of the pond was vegetated and stable. There were no indications of erosional features. Once the pond becomes dry and the mud at the bottom dries, Mr. Selingo stated that the pond could be cleaned. The level of sediment in the pond has not reached its maximum capacity. The sumps along the haul road are above gradient to the sediment pond. Only the lower sump was impounding water. There was no water discharging from the sump. Mr. Selingo stated that once the sump is dry, it will be cleaned out. The sumps farther upgradient were observed to be dry. There was debris and sediment in

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the bottom of the sumps (Photo 3). **The sumps require cleaning.** Mr. Selingo has included the sumps in the maintenance list. Two sumps are located at the portals area. The sump to the north of the portals was impounding a small amount of water. There was no discharge from the sump. The outlet of the sump was clear of debris. **The sump located to the east of the portals bench was completely overtopped with sediment (Photo 4).** Due to a large scale forest fire in 2020, the drainage above the eastern sump has been mostly burned. **Large amounts of sediment are transported during precipitation events. The east sump needs to be cleaned as soon as possible.** Mr. Selingo stated that he has equipment rented for September 7th to complete maintenance at the site. **The sump's discharge outlet is buried in sediment several feet deep. The embankment of the sump was also buried in sediment.**

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

Drainage Control; Surface Stabilization; Placement:

The coal waste pile was stable with no indications of 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 in good condition. The bar ditches were clear of debris and stable. There were no off site impacts observed. There was a portion of the haul road just below the portals bench that had a rill in the middle of the road. If this feature enlarges to a gully, the road will need to be repaired. The rill was not observed to be affecting the stability of the road.

SIGNS AND MARKERS – Rule 4.02:

Mine identification signs were located at the entrance to the mine site next to the main gate. The signs displayed the required information regarding the permit, the permittee and the Division.

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 is located to the south of the sediment pond. The pile was stable with vegetative cover (Photo 5). There were no erosional issues noted. The topsoil marker was identified on top of the pile. The perimeter ditch was dry and stable. No off site impacts were observed.

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Maintenance Items:

1. Clean the sediment traps to the south of the mine office. Replace the silt fence for the sediment trap on the south side of the haul road.
2. Clean all sumps along the haul road.
3. When accessible, clean the sediment pond
4. Clean the eastern sump at the portals area as soon as possible.

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 sump south of the haul road near the mine office. The silt fence has fallen over and partly filled with sediment.



Photo 2: The sediment pond with impounded water. The water level was below the PVC riser for the outlet.

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Photo 3: One of the sumps along the haul road upgradient of the sediment pond. The sump has filled with debris and sediment. The outlet to the sump was still clear.



Photo 4: The eastern sump near the portals bench. The sump has filled and been overtopped by sediment from the areas upstream burned by a forest fire.

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Photo 5: The topsoil Pile.

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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	RN-09
Permit Application w/Revisions	OK
Findings Document	RN-09
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-09
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	2 nd Q 2021
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:

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