



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

**PERMIT INFORMATION**

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

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> October 29, 2021 <b>Inspection Start Time:</b> 10:05 <b>Inspection End Date:</b> October 29, 2021 <b>Inspection End Time:</b> 10:50		<b>Inspection Type:</b> Coal Complete Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Clear	
<b>Joint Inspection Agency:</b>  None		<b>Joint Inspection Contacts:</b>  None	
<b>Post Inspection Agency:</b>  None		<b>Post Inspection Contacts:</b>  None	
<b>Inspector(s):</b>  Clayton Wein	<b>Inspector's Signature:</b>  <i>Clayton Wein</i>		<b>Signature Date:</b>  11/5/2021

**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 &amp; Grading

N - Excess Spoil and Dev. Waste

N - Explosives

Y - Fish &amp; 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 was a complete inspection of the McClane Canyon Mine, C-1980-004, conducted on October 29, 2021. The inspection was completed by Clayton Wein of the Division. Chuck Selingo represented ARC McClane Canyon, LLC. (AMC). The weather was clear with a temperature of 45 degrees F. The ground conditions were mostly dry with some muddy areas.

**AVAILABILITY OF RECORDS – Rule 5.02.4(1):**

The records for the McClane Canyon Mine are located in Grand Junction, CO at the office of J.E. Stover and Associates. 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:

Two sumps are located at the west end of the office pad. There is one sump on the north side of the haul road (Photo 1) and one on the south side. Both sumps were holding water during the inspection. There was no discharge to East Salt Creek. The silt fences for the sumps were in good condition. There were no off site impacts observed.

The Sediment pond was impounding water at the time of the inspection (Photo 2). The level of water impounded in the pond had not reached the primary spillway. The embankment was stable with vegetative cover. There were no erosional features observed. The pond has filled with sediment from recent precipitation events. Cleaning may be required when conditions allow.

Three sumps are located along the haul road between the sediment pond and the portals bench. The lower and middle sumps were holding a small amount of water in them. There was no discharge from the sumps. The upper sump was muddy with no water. The outlet of the sumps were clear.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 2

Two sumps are located at the top of the portals bench. One is located on the East side and the other is located on the north side. The East Sump has filled with sediment again (Photo 3). This area receives water from acreages that have been burned in a forest fire. There is no vegetation left in this area and every precipitation event deposits sediment into this sump. The sump is planned to be cleaned out as soon as equipment can be brought in. The sump was completely full, similar to the conditions observed during the Division's September 2021 inspection. The North sump was holding water with no discharge occurring. This sump receives water from areas not burned by a forest fire. Therefore the sump has plenty of capacity left. The Discharge outlet was unobstructed.

#### 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 last portion leading onto the portals bench has had some rills form on it. This section of road requires maintenance. The ditches along the road were in good condition and stable. There were no blockages observed.

#### SIGNS AND MARKERS – Rule 4.02:

The mine identification sign was displayed to the left of the entrance to the site. The sign was in good condition. Information regarding the permit, the permittee and the Division were clearly displayed.

#### 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 4). There were no erosional concerns noted. The topsoil marker was placed in a clear location on top of the pile. The perimeter berm was vegetated and stable. No loss of topsoil resources was observed.

**DOCUMENTS RECEIVED: None**

**OTHER (SPECIFY): None**

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 2

**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: 2

## **PHOTOGRAPHS**



**Photo 1:** The north office pad sump.



**Photo 2:** The Sediment Pond.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 2



**Photo 3:** The eastern sump at the portals bench.



**Photo 4:** The topsoil pile.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 2



**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 Documents/Findings	NA
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 Reports/Enforcement Actions (3 Years)	Up to date/Laserfiche
Transfers/Succession of Operator	SO-4
Temporary Cessation Notification	2011
Reclamation Cost Estimate	RN-09
<b>CERTIFICATIONS</b>	
Pond Certifications	OK
Annual Certifications for Impoundments	2021
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 October 2021
Stormwater Management Plan	2016
SPCC Plan	2013
MSHA Pond Inspections	NA
State Engineer's Pond Inspection	NA
Quarterly Pond Inspections	3rd 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:**


---



---



---



---

Number of Partial Inspection this Fiscal Year: 0Number of Complete Inspections this Fiscal Year: 2