



**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 Silengo
<b>Operator Representative Signature:</b> (Field Issuance Only)  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> March 23, 2022 <b>Inspection Start Time:</b> 09:40 <b>Inspection End Date:</b> March 23, 2022 <b>Inspection End Time:</b> 10:30		<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>  3/28/2022

**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

R - Processing Waste

R - Roads

N - Reclamation Success

N - Revegetation

N - Subsidence

N - Slides and Other Damage

N - Support Facilities On-site

Y - 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 March 23, 2022. The inspection was completed by Clayton Wein of the Division. Chuck Silengo represented the operator during the inspection. The weather was clear with a temperature of 40 degrees F. The ground conditions were dry in the areas around the mine office, and muddy/snowy around the mine portals.

**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:

There are two sumps located within the portals area of the mine. There is one sump to the east of the portals and one to the north. The eastern sump was muddy with a small amount of water in it during the inspection. The sump had been cleaned out since the Division's 4<sup>th</sup> quarter 2021 inspection (Photo 1). The outlet for the sump was clear of debris. There were no indications of erosional features or signs of instability. The northern sump was holding a small amount of water. There was no discharge observed. The outlet of the sump was clear of debris. There were no indications of instability or erosion.

The water diversions throughout the portals area were in good condition. There were no indications of channels being blocked or water bypassing the diversions. The sumps along the haul road were observed to be stable. There were no indications of erosional features. Small amounts of water were impounded in the sumps (Photo 2). No discharge was observed from any of the sumps.

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3

The sediment pond was holding water during the inspection (Photo 3). The level of water in the pond had not reached the level of the primary spillway. The primary and emergency spillways were clear of debris. The pond's embankment was stable with vegetative cover. There were no erosional features identified.

The ditches along the haul road extending from the sediment pond to the mine office were dry. The ditches were stable with no erosional features.

There are two sumps located on the downslope side of the mine office pad. One sump is located on the south side of the haul road and one sump is located on the north side of the road. The sump on the south side of the road was holding a small amount of water. There was no discharge. The silt fence on the outlet was in good condition (Photo 4). No off site impacts were observed. The sump located on the north side of the road was holding water. There was no discharge occurring from the sump. The silt fence on the outlet was in good condition. There were no off site impacts identified.

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

Drainage Control; Surface Stabilization; Placement:

The refuse pile is located to the east of the sediment pond. The pile was dry and stable during the inspection (Photo 5). There were no indications of 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 mostly dry during the inspection. Just the upper portion, closer to the portals bench was muddy. The road was stable with no erosional concerns. The haul road ditches were intact and in good repair.

#### 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 6). There were no indications of erosion. The perimeter ditch was stable with vegetative cover. The topsoil marker was on top of the pile in an easily identifiable location.

**DOCUMENTS RECEIVED: None**

**OTHER (SPECIFY): None**

Number of Partial Inspection this Fiscal Year: 0

Number of Complete Inspections this Fiscal Year: 3

**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 eastern sump at the portals bench.



**Photo 2:** The last sump along the haul road before the sediment pond.

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**Photo 3:** The Sediment Pond, the photo was taken next to the inlet to the pond, facing the embankment.



**Photo 4:** The sump on the south side of the haul road at the mine office pad.

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**Photo 5:** The refuse pile. The photo was taken at the pile's base. The marks in the pile are from wildlife.



**Photo 6:** The Topsoil Pile. The photo was taken looking to the west.

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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	2021 ARR
Specific Variance Approvals	PAP/OK
Annual Reclamation Reports	2021
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
<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 Feb. 2022
Stormwater Management Plan	2016
SPCC Plan	2013
MSHA Pond Inspections	NA
	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	4th Q 2021
Annual Hydrology Reports	2021
• 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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