

STATE OF
COLORADO

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

McClane Canyon Mine, C-1980-004, December Complete Inspection Report

1 message

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Mon, Dec 23, 2024 at 2:43 PM

To: joe <joe@ridgerunnergeo.com>, Chuck Silengo <csilengo@bresnan.net>

Good afternoon Joe and Chuck,

Attached is the Division's report for the Complete inspection of the McClane Canyon Mine conducted on December 11, 2024. 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, December 2024 Complete Inspection Report.pdf

1932K



PERMIT INFORMATION

Permit Number: C-1980-004 Mine Name: McClane Canyon Mine Operator: ARC McClane Canyon, LLC Operator Address: Joe Brinton 652 Peony Dr Grand Junction, CO 81507	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: December 11, 2024 Inspection Start Time: 10:10 Inspection End Date: December 11, 2024 Inspection End Time: 11:25		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 Clayton Wein	Inspector's Signature: <i>Clayton Wein</i> Signature Date: 12/23/2024		

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

R - Processing Waste

R - Roads

N - Reclamation Success

N - Revegetation

N - Subsidence

N - Slides and Other Damage

Y - 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 Division's observations taken during a complete inspection of the McClane Canyon Mine. The inspection was conducted on December 11, 2024 by Clayton Wein of the Division. ARC McClane Canyon (AMC) was represented during the inspection by Chuck Selingo. The weather was clear with a temperature of 30° F. The ground was mostly covered with snow.

During the inspection, one maintenance item was identified:

The portion of the haul road ditch west of Sump Q needed to be repaired. The ditch's berm had flattened out. On December 16, 2024, the operator submitted to the Division photo showing the repair of the ditch's berm (Photo 1). The Division considers the maintenance item to be satisfied.

AVAILABILITY OF RECORDS – Rule 5.02.4(1):

The records for the mine are located at the Mesa County Recorder's office on 200 Spruce Street in Grand Junction, CO. The records are accessed via a computer with access to the Division's Laserfiche Database. The instruction sheet is available from the employees of the Recorder's Office. The records for the McClane Canyon Mine were up to date. Please see the Availability of Records Form attached to the end of this report for more details.

FISH and WILDLIFE – Rule 4.18:

During the inspection, several sets of deer tracks were observed around the sediment pond and topsoil stockpile.

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:

Four sumps are located at the portals area. Sumps A, B, D and E are designed to collect runoff from undisturbed upstream drainages from the portals facilities area. Runoff is then piped underneath the portals facilities pad and

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directed to Upper McClane Creek. Sump A is located on the northwestern side of the portals facilities area. The sump was observed to be dry and stable. The outlet for the sump was clear of debris (Photo 2). No indications of erosion were noted. Sump B is located on the northeastern side of the portals facilities area. Sump B was also dry. The trash rack covering the discharge outlet was clear of blockages. Snow was observed on the sump's embankment (Photo 3). There were no erosional features were observed. Sump D is located on the eastern portion of the portals facilities area. The sump was holding a small amount of snow in it during the inspection (Photo 4). The sump was stable with no erosional features. The outlet was clear of blockages. Sump E is located on the southeast side of the portals facilities area. The sump was covered with snow and appeared stable (Photo 5). The inlet to the discharge culvert was clear of debris and no erosional concerns were identified.

Culvert D-5 serves the same purpose as Sumps A, B, D and E. The culvert for D-5 is located on the southern side of the portals facilities area. The culvert was noted to be stable and in good condition. There were no erosional features were identified.

The ditches D-2 and D-3 are located within the portals facilities area. The ditches help transport runoff from the upper bench to the sumps below the portals bench. The D-2 Ditch extends on the south side of the portals facilities area and goes behind the shop and connects to the D-3 Ditch. The ditch was covered in snow during the inspection (Photo 6). Mr. Silengo stated that he was waiting for the ditch to dry out more before continuing the cleaning process. The remaining work to clean the ditch will be completed as soon as ground conditions allow. An open culvert extends down the hillside connecting the D-2 Ditch to the D-3 Ditch (Photo 7). The culvert was clear of debris and stable. No erosional features were observed. The D-3 Ditch is located along the southwest side of the portals facilities pad. The ditch was covered with snow. No erosional features or indications of instability were identified.

Sump I is located on the north side of the haul road at the western end of the portals facilities area. Sump I was covered with snow during the inspection and appeared stable (Photo 8). The culvert outlet for the sump was unobstructed and there were no erosional features observed.

Sump J is located on the south side of the haul road and east of the sediment pond. The Sump was mostly covered in snow (Photo 9). The sump was stable with no erosional concerns. The outlet for the sump is a surface discharge into the D-6 Ditch. The D-6 ditch was stable and unobstructed. The D-6 ditch ends in the sediment pond. The portion of the ditch between Sump J and the sediment pond was clear of debris and partly covered with snow. The remaining portion of the D-6 Ditch along with the D-4 ditch parallel the haul road east to the base of the portals facilities area. Both of the ditches were unobstructed and stable. There were no observed signs of erosional features.

Sump Q is located on the north side of the haul road, across from the sediment pond. Sump Q partly covered with snow (Photo 10). The culvert outlet for Sump Q was unobstructed. The sump was stable with no erosional features observed.

The sediment pond is located to the east of Sump Q on the south side of the haul road. The pond was muddy and not holding any water during the inspection. There was no discharge through the primary discharge outlet. Due to recent precipitation events in the late summer and early fall, the sediment level in the pond had reached maximum capacity. The operator's representative has continued cleaning operations on the pond (Photo 11). The operator will use a front end loader to remove as much sediment as possible from the pond as the conditions in the pond

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allow. As material is removed, the bottom of the pond becomes muddy and soft. Equipment must wait for the material to dry before more cleaning operations can continue. The operator will continue this method until the sediment pond has been restored to the designed capacity. The primary and emergency spillways were observed to be clear of debris. The pond's embankment was stable with vegetative cover.

Currently the Division is working with the operator on the adequacy phase of Technical Revision No. 20 (TR-20). The Revision is proposing to increase the size of the construction materials stockpile/sediment drying pile to accommodate future years of material cleaned from the sediment control structures.

Sump P is located on the north side of the Haul Road in-between the Mine office pad and the sediment pond. The sump was clean and stable. The silt fence was observed to be in good condition. No off site impacts were noted.

Two sumps are located on the western side of the mine office pad. One sump is located on the north side of the haul road near the bridge over East Salt Creek. The sump was muddy (Photo 12). The silt fence at the sump's discharge outlet was clean and stable. There were no observed signs of offsite impacts. The second sump is located on the south side of the haul road at the corner of the haul road and the mine office pad. The sump was holding frozen water (Photo 13). The sump was stable. The silt fence at the sump's outlet was in good repair and clean. There were no off-site impacts.

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

Drainage Control; Surface Stabilization; Placement:

The coal waste pile is located to the east of the sediment pond. The coal waste pile has been used to store material cleaned from the sediment control structures since the site entered temporary cessation. The pile was damp during the inspection. The pile was stable with no erosional features (Photo 14). No off site impacts were observed. The clearwater diversion ditch above the coal waste pile was stable and covered with snow. There were no blockages or erosional concerns noted.

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 for the mine connects the portals facilities area to the entrance of the mine site. The haul road was stable and partly covered with snow. The haul road ditches were partly covered with snow and stable. There were no indications of erosional features.

SIGNS AND MARKERS – Rule 4.02:

The mine identification signs were posted on the entrance gate over East Salt Creek. The mine ID signs displayed the current contact information for the permittee and the Division. The mine permit number was clearly displayed. The signs were in good repair and located at an easily viewable location.

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

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The topsoil stockpile is located to the south/southeast of the sediment pond. The stockpile was covered in snow during the inspection (Photo 15). The pile was stable and there were no erosional features. The perimeter ditch was also covered with snow and stable. There was no indication of the loss of topsoil resource.

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



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Photo 3: Sump B.

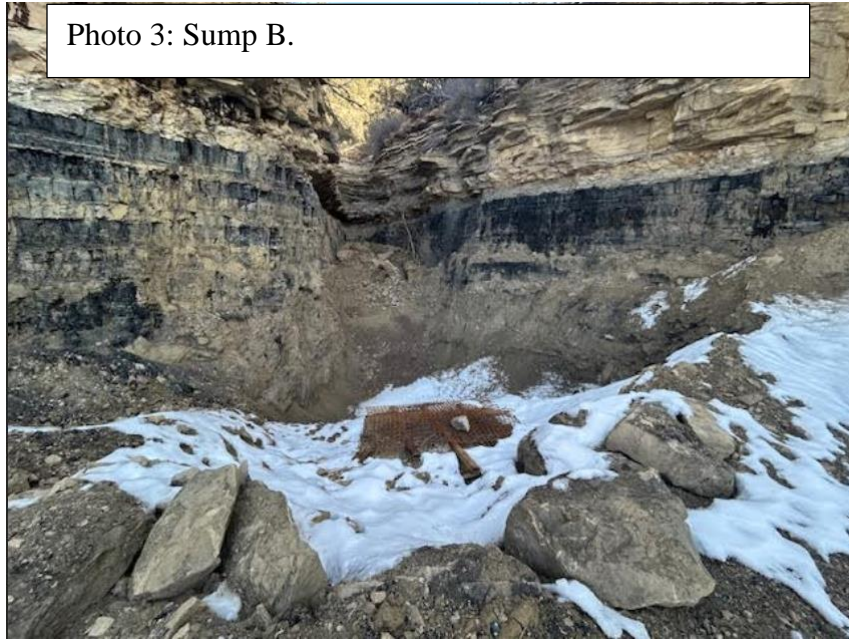


Photo 4: Sump D.



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Photo 5: Sump E.



Photo 6: D-2 Ditch behind the shop.



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Photo 7: The D-2 Ditch open culvert.



Photo 8: Sump I.



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Photo 9: Sump J.



Photo 10: Sump Q.



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Photo 11: The sediment pond.



Photo 12: The north office sump.



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Photo 13: The south office sump.



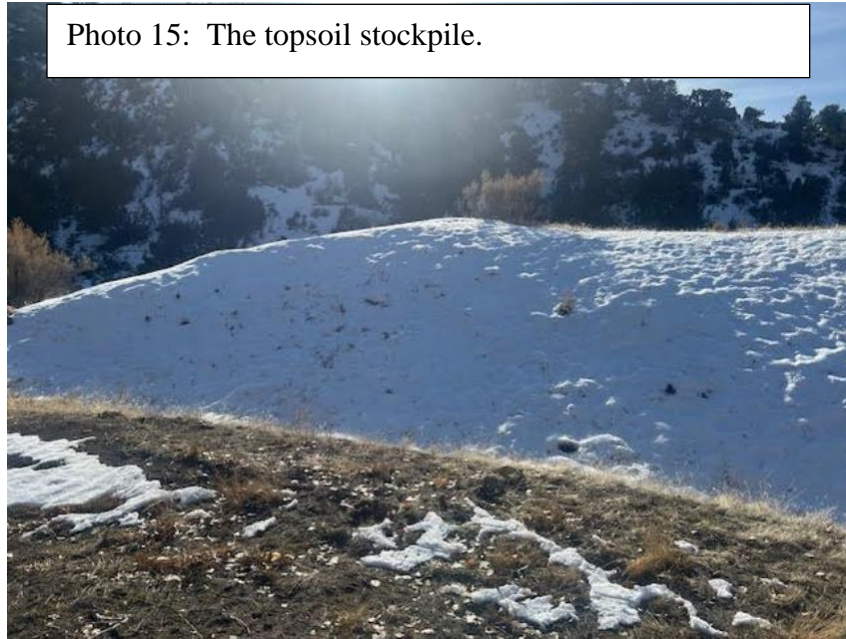
Photo 14: The coal waste pile.



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Photo 15: The topsoil stockpile.



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AVAILABILITY OF RECORDS**PERMIT RECORDS**

DRMS Permit	RN-09
Permit Application w/Revisions	Laserfiche
Findings Document	RN-09
Insurance Certificate	June 2025
Bond Document	RN-09
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	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)	3 rd Q 2024
Transfers/Succession of Operator	SO-4
Temporary Cessation Notification	2011
Reclamation Cost Estimate	RN-09 RCE
CERTIFICATIONS	
Pond Certifications	OK
Annual Certifications for Impoundments	2024
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 November of 2024
Stormwater Management Plan	2016
SPCC Plan	2013
MSHA Pond Inspections	NA
State Engineer's Pond Inspection	NA
Quarterly Pond Inspections	Up to 3 rd Q 2024
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:

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