

STATE OF  
COLORADO

Wein - DNR, Clayton &lt;clayton.wein@state.co.us&gt;

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**McClane Canyon Mine, C-1980-004, September Complete Inspection Report**

1 message

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

Wed, Oct 4, 2023 at 3:02 PM

To: joe &lt;joe@ridgerunnergeo.com&gt;, Chuck Silengo &lt;csilengo@bresnan.net&gt;

Good afternoon Joe and Chuck,

Attached is the Division's inspection report for the inspection conducted at McClane on September 21, 2023. Please note the Items in bold text regarding documents in the records that need to be updated. Please complete the updates by Friday October 13, 2023. Also please note the section of bold text regarding the refuse pile. 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, September Complete Inspection Report\_CCW.pdf**  
1705K



**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> Joe Brinton 652 Peony Dr Grand Junction, CO 81507	<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: (Field Issuance Only)</b>  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> September 21, 2023 <b>Inspection Start Time:</b> 10:00 <b>Inspection End Date:</b> September 21, 2023 <b>Inspection End Time:</b> 11:40		<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>  8/4/2023

**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

Y - Excess Spoil and Dev. Waste

N - Explosives

N - Fish &amp; Wildlife

R - Hydrologic Balance

R - 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

R - Signs and Markers

N - Support Facilities Not On-site

N - Special Categories Of Mining

R - Topsoil

**COMMENTS**

This report documents the observations taken by the Division during a complete inspection of the McClane Canyon Mine conducted on September 21, 2023. The inspection was completed by Clayton Wein of the Division. ARC McClane Canyon (AMC) was represented during the inspection by Chuck Silengo. The weather was clear with a temperature of 65 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 Recorder's Office in Grand Junction, CO. The records were well kept. The Division identified deficiencies with the records. Items that need to be updated are as follows;

**1. The Discharge Monitoring Reports were only updated to February of 2023. The reports for 2<sup>nd</sup> quarter 2023 and the first two months of the 3<sup>rd</sup> quarter must be added to the records.**

**2. The records only had up to March of 2023 for the DRMS Inspection Reports. Please update the records with all 2<sup>nd</sup> quarter 2023 Inspection reports.**

**3. The records need to be updated with the 2<sup>nd</sup> quarter 2023 Pond Inspection Report.**

**4. Please update the records with the most current Insurance Certificate. The certificate in the records has expired.**

**All items listed above must be updated in the McClane Canyon Records no later than Friday October 13, 2023. 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;

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Number of Complete Inspections this Fiscal Year: 1

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. The pond had been mostly cleaned out, restoring the pond's capacity to near original design (Photo 1). The sediment level marker was replaced in the pond (Photo 2). A silver marker on the post indicates the elevation at which the pond will require cleaning. The pond's embankment was stable with vegetative cover. There were no erosional issues identified. The outlet for the pond was clear of debris. The Inlet from the D-6 ditch into the sediment pond was stable. There were no erosional issues.

The north and south office pad sumps were dry (Photo 3). The silt fences placed at the sumps' outlets were in good condition. There were no indications of instability or erosion noted.

Sump P is located on the north side of the Haul Road in-between the office pad and the sediment pond. The sump was no holding water during the inspection (Photo 4). The silt fence placed at the outlet of the sump was in good repair. The sump was stable with no indications of erosional features.

Sump Q was dry during the inspection. The sump was stable with no erosional features identified. The culvert outlet for the sump was clear of debris.

Sump J was also dry at the time of the inspection. The sump was stable with no erosional concerns (Photo 5). The outlet from the sump into the D-6 ditch was clear of debris.

The D-4 ditch is located on the north side of the haul road East of Sump Q extending to the portals area. The ditch was dry and stable. The berm in-between the ditch and Upper McClane Creek was stable with vegetative cover.

Sump I was dry. The sump was noted to be stable with no erosional features. The culvert outlet for the sump was clear of debris.

Sump B is a Clearwater diversion that transports upstream runoff under the portals bench. The outlet from the sump was unobstructed. No water was in the sump at the time of the inspection. The sump was stable and there were no erosional concerns identified.

Sump A is located directly east of Sump B. Sump A also diverts clear water from upstream to a diversion underneath the portals pad. Sump A was dry during the inspection. The trash rack over the outlet was clear of debris. The sump was stable with no erosion.

Sump D is located on the eastern end of the portals bench (Photo 6). The Sump serves the same purpose as Sump A and B. The Sump was dry. The trash rack covering the outlet was noted to be unobstructed.

Sump E had been recently repaired. The embankment had been replaced (Photo 7) and the outlet had been cleared of all blockages. The sump was stable with no erosional concerns.

The culvert for the D-5 ditch had been repaired (Photo 8). The culvert transports upstream Clearwater beneath the portals bench. The culvert was stable with no blockages.

#### GENERAL MINE PLAN COMPLIANCE:

During the inspection, the Division verified that all Secondary Maintenance items outlined in the April 19, 2023 Inspection Report had been completed (Photo 9 and 10). These maintenance items had a

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completion due date of September 30, 2023. Maintenance item numbers 24 through 32 were verified to have been completed on the September 21, 2023 inspection.

During the Division's inspection, a couple of maintenance items were identified. A small patch of soil had been contaminated by hydrocarbons on the access road in-between the shop and the filter storage shed (Photo 11). The Division gave the operator a due date of September 30, 2023 to clean up and remove the contaminated soil. On September 26, 2023 the Division received notification from the operator that the contaminated soil had been cleaned up and removed. The second item was removing a piece of the old silt fence material that was partially lodged in the dirt next to the south office pad sump (Photo 2). The Division received notification from the operator on September 29, 2023.

No further Maintenance items remain to be completed at the McClane Canyon Mine.

During the inspection the Division observed catch pans placed underneath the operator's grader (Photo 12). There was no evidence of contaminated soils from any leaked hydrocarbons.

#### 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 erosion. The pile is located east of the sediment pond. The material from the recent pond cleaning was placed on top of the coal stockpile. **The operator's representative stated that there is minimal to no room left in the current coal waste pile configuration. The Division recommends that the operator look into a technical revision to revise the on-site coal waste pile designs.**

#### 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. The haul road's ditch embankments were covered with vegetation and stable. There were no off-site impacts observed.

#### SIGNS AND MARKERS – Rule 4.02:

The mine identification sign was placed at the gate on the crossing over East Salt Creek. The sign displayed the current information about the permit, the permittee and the Division. The sign was placed in a spot with an unobstructed view.

Stream buffer zone markers were placed in-between the north side of the haul road and the equipment laydown area, and Upper McClane Creek (Photo 13).

#### 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 stockpile was covered with vegetation and stable. There were no indications of erosional features. The perimeter ditch around the stockpile was dry and clear of debris. No loss of topsoil resource had occurred. The topsoil pile marker was identified on top of the stockpile.

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**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 sediment pond.



Photo 2: The new sediment marker in the sediment pond.



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Photo 3: The south office sump. The old silt fence material that was removed is identified in the photo in the red circle.



Photo 4: Sump Q.



Number of Partial Inspection this Fiscal Year: 0

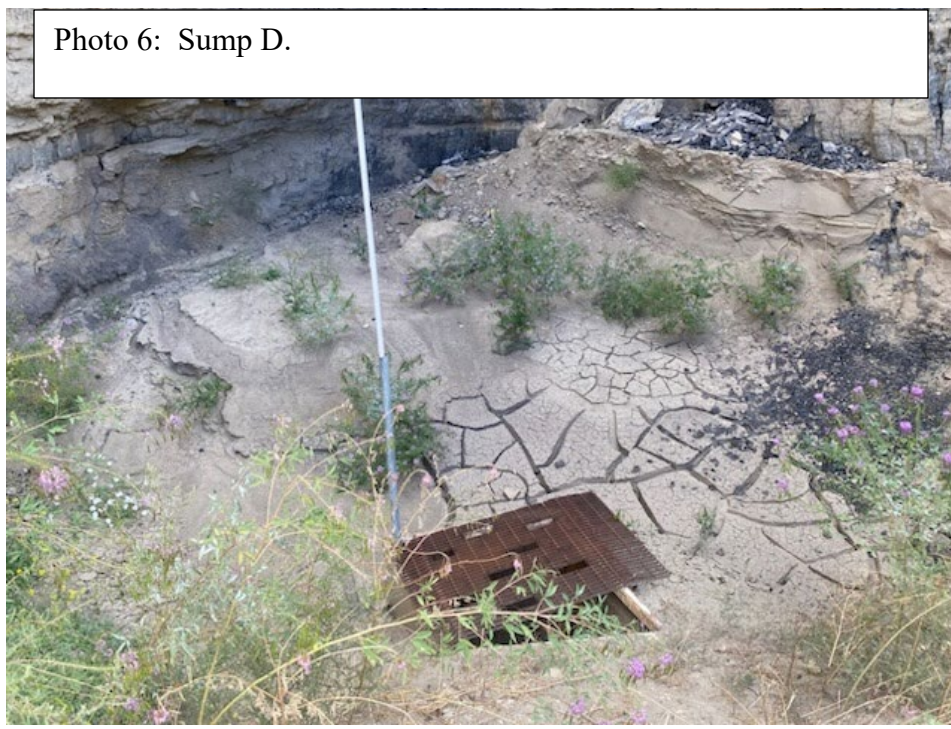
Number of Complete Inspections this Fiscal Year: 1



Photo 5: Sump J.



Photo 6: Sump D.



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Photo 7: The repaired embankment of Sump E.

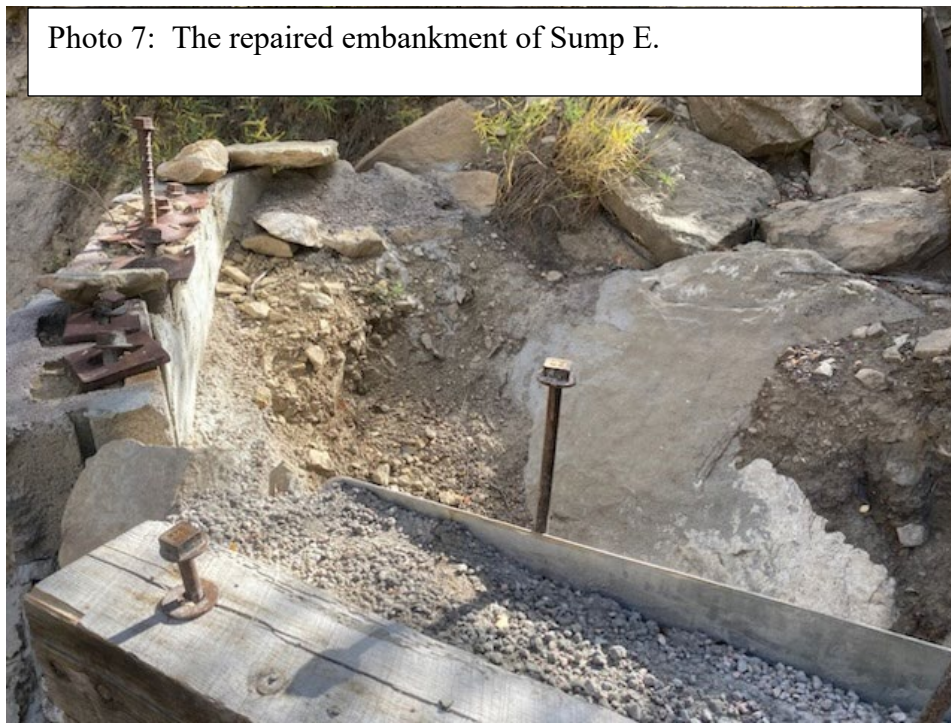


Photo 8: The replaced culvert for the D-5 Ditch.



Number of Partial Inspection this Fiscal Year: 0

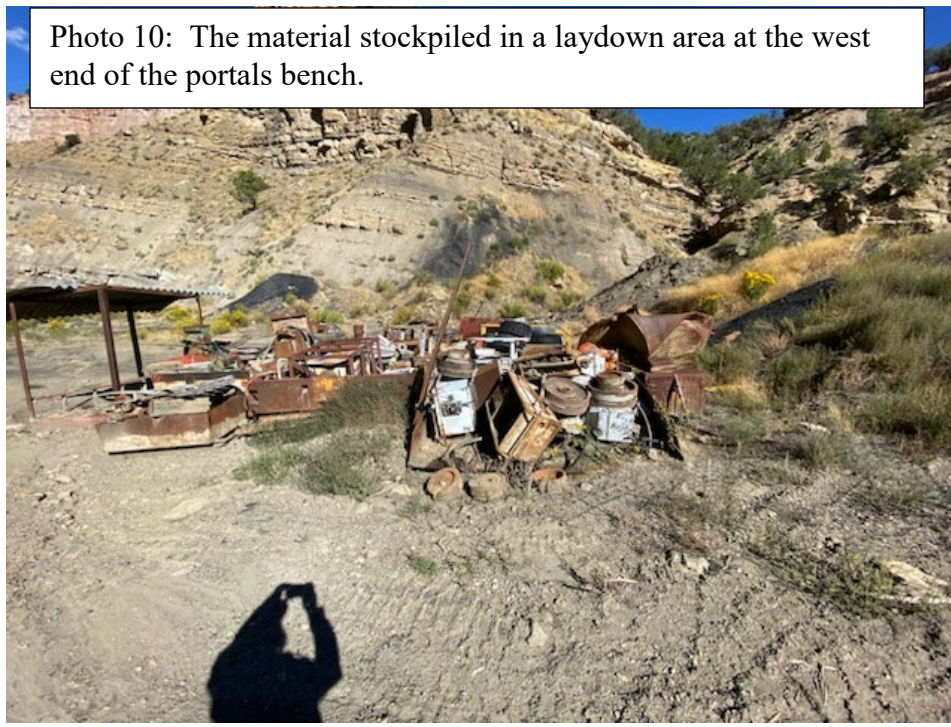
Number of Complete Inspections this Fiscal Year: 1



Photo 9: The stockpiled materials at the laydown area adjacent to the sediment pond.



Photo 10: The material stockpiled in a laydown area at the west end of the portals bench.



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Photo 11: The hydrocarbon contaminated soil spotted on the mine portals bench. This soil has been cleaned up and removed.

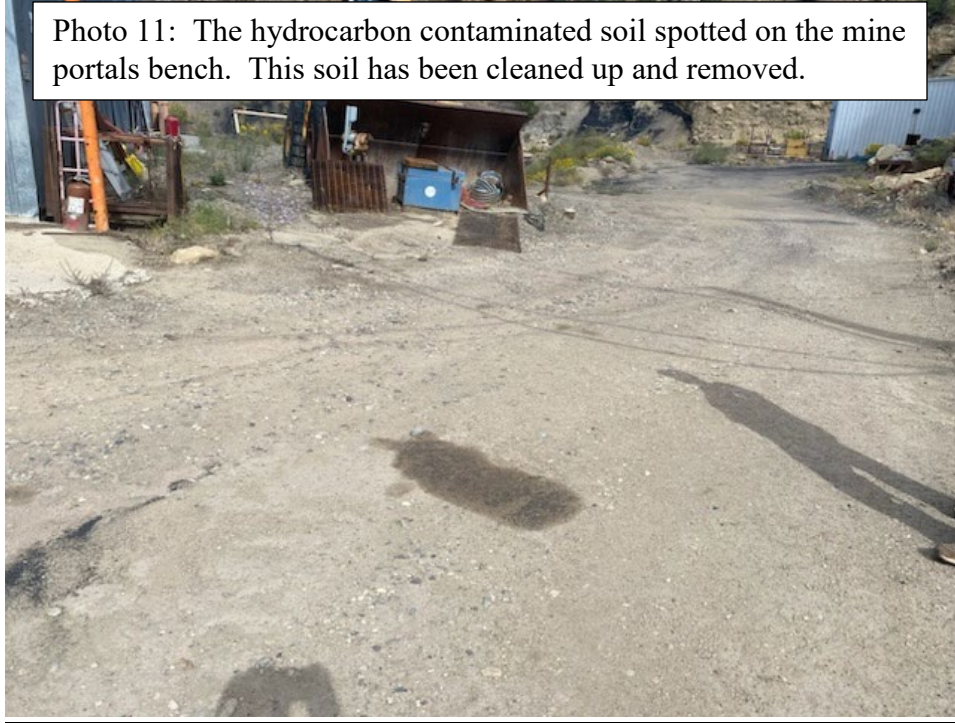


Photo 12: A catch pan was observed under the grader parked at the mine office pad.



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Photo 13: One of the new Stream Buffer Zone Markers.



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**AVAILABILITY OF RECORDS****PERMIT RECORDS**

DRMS Permit	RN-09
Permit Application w/Revisions	Ok 3 ring binders
Findings Document	RN-09
<b>Insurance Certificate</b>	<b>Expired</b>
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	2022 ARR
Specific Variance Approvals	PAP/OK
Annual Reclamation Reports	2022 ARR
Midterm Review Documents	MT-08
<b>DRMS/OSM Inspection Reports/Enforcement Actions (3 Years)</b>	<b>Needs 2<sup>nd</sup> Quarter 2023 Inspections</b>
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	2022
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
<b>NPDES Records</b>	<b>Needs 2<sup>nd</sup> Quarter DMRS</b>
Stormwater Management Plan	2016
SPCC Plan	2013
MSHA Pond Inspections	NA
State Engineer's Pond Inspection	NA
<b>Quarterly Pond Inspections</b>	<b>Needs 2<sup>nd</sup> Q 2023</b>
Annual Hydrology Reports	2022 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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