

### **PERMIT INFORMATION**

<b>Permit Numl</b>	er:	C-1981-012
Mine Name:	Nev	v Elk Mine

Operator: New Elk Coal Company, LLC

Operator Address: 12250 Highway 12 Weston, CO 81091 **County:** Las Animas

Operation Type: Underground Permit Status: Suspended Ownership: Private

**Operator Representative Present:** 

None

**Operator Representative Signature: (Field Issuance Only)** 

# **INSPECTION INFORMATION**

Inspection Type: Coal Complete Inspection Inspection Reason: Normal I&E Program Weather: Cloudy
Joint Inspection Contacts:
Post Inspection Contacts:
Inspector's Signature: Signature Date:
Astor Alboro

### **Inspection Topic Summary**

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

N - Air Resource Protection N - Roads

Y - Availability of Records Y - Reclamation Success

N - Backfill & Grading
Y - Excess Spoil and Dev. Waste
N - Subsidence

f N - Explosives  ${f Y}$  - Slides and Other Damage  ${f N}$  - Fish & Wildlife  ${f Y}$  - Support Facilities On-site

 ${f Y}$  - Hydrologic Balance  ${f Y}$  - Signs and Markers

N - Gen. Compliance With Mine Plan
 Y - Support Facilities Not On-site
 N - Other
 N - Special Categories Of Mining

Y - Processing Waste Y - Topsoil

### **COMMENTS**

This was a complete inspection of the New Elk Mine, Colorado Division of Reclamation, Mining and Safety ("DRMS" or "Division") permit number C-1981-012, operated by New Elk Coal Company, LLC. ("NECC"). Amber Gibson, with the Division, conducted the inspection. During the inspection, I was unnaccompanied by an Operator representative for the Permittee -- NECC. The weather was warm and the sky was partly cloudy.

Outstanding maintanence items (OMI) are in **bold red text** throughout this report. There are several outstanding maintenance items cited in previous inspection reports. If outstanding maintenance items were not specifically inspected during this partial inspection, they are greyed out and are in *italic font*. Because the permit has been suspended, the corrective actions will not be expected to be addressed until there is a new Permittee/Operator. Any **new maintenace items** will be written in green bold text. Inspection photos corresponding with topics discussed in this report are enclosed.

The Division sent an adequacy review to the Operator for their Renewal No. 8 (RN8) application on October 30, 2023. The RN8 decision date had been extended to January 31, 2025.

On March 19, 2025, a formal public hearing was held before the Mined Land Reclamation Board (Board) pursuant to C.R.S.-34-33-123(7), C.R.S.-34-33-124(4), and Rule 5.03.3(3) for the purpose of permit suspension or revocation. The Board passed a motion to <u>suspend</u> permit number C-1981-012 at the hearing.

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

• The Enforcement page at the end of the report describes an outstanding violation issued by the Division as a result of the June 2024 inspection. As of the date of this inspection report's issuance, the Operator has not yet provided any abatement documentation. The deadline for the

- abatement of violation number CV-2024-002 had been extended to the full 90 days allowable by Rule 5.03.2(2)(b) -- to September 18, 2024.
- On September 19, 2024, the Division issued a Cessation Order (CO-2024-002) for the Permittee's failure to abate violation no. CV-2024-002.
- On October 14, 2024 the Division held an Informal Public Hearing where the decision to uphold the Cessation Order was issued on October 14, 2024.
- On September 30, 2024, the Division issued a Show Cause Order. The Operator and any interested parties had until October 30, 2024 to show cause as to why the permit should not be suspended or revoked. As of the date of this inspection report, the Division has not received any justification documentation from the Operator or otherwise.
- As of January 15, 2025, the Pond and Refuse Pile Compliance Inspections are past due.
- On February 13, 2025 the inspector called the number posted on the gate at the New Elk Mine. The numbers have been disconnected. The Division was unable to check the mine records, as is required by Rule 5.02.4. This issue will need to be remedied immediately when there is a new Operator for the site.
- As of February 15, 2025, the 2024 Annual Reclamation Report compliance requirement is **past** due.
- As of February 28, 2025, the 2024 Annual Hydrology Report compliance requirement is **past** due.
- On March 19, 2025, a formal public hearing was held before the Mined Land Reclamation Board (Board) for permit suspension or revocation. The Board passed a motion to **suspend** permit number C-1996-084 at the hearing.
- As of March 28, 2025 the Discharge Monitoring Reports for December 2024, January 2025, and February 2025 are **past due.**
- On April 22, 2025, the Board Order suspending permit number C-1996-084 was issued.

# **EXCESS SPOIL and DEVELOPMENT WASTE - Rule 4.09**

Placement; Drainage Control; Surface Stabilization:

#### DWDA #1

- No signs of erosion were observed along the slopes of DWDA #1. The slopes appear to be well vegetated and stable.
- Ditch D3 on the west and south side of DWDA #1 held some water at the time of the inspection. The berm appeared to be intact, with no observed erosional areas.
- OMI: (October 2024 report) Areas along D2, located to the north of DWDA #1, have begun to fill with sediment. Some erosion along the road leading to Pond 004A was also observed. The Operator shall clean this ditch and stabilize the road.



Photo 1: Looking south along the Ditch D3 on the west side of DWDA #1.



Photo 2: Looking west at an area where sediment from ditch D2 has begun to erode the

road leading to Pond 004a.

### DWDA #2

- The sediment basin and sediment drying area on the north and west sides of DWDA #2 were dry at the time of the inspection. All water appeared to be contained within the bermed areas round DWDA #2.
- The sediment basin at the east end of DWDA #2 held damp mud, but no standing water, at the time of the inspection.
- The inlet for culvert C13, located within the sediment basin for DWDA #2, was clear of obstructions.
- OMI: (October 2024 report) The check dams along the north side of the sediment basin at DWDA #2 have filled with sediment. The Operator shall clean the check dams of sediment and ensure that the sediment control structures are functioning appropriately.
- OMI: (July 2025 report) Ditch 12 on the north side of DWDA #2 has filled with sediment. The Operator shall remove this sediment and stabilize the ditch and road to ensure that the sediment control structures are functioning appropriately.



Photo 3: Sediment basin on east side of DWDA #2.



Photo 4: Sediment in D12 along the north side of DWDA #2.



Photo 5: Check dams full of sediment at the east end of ditch D12. The sediment has Number of Partial Inspection this Fiscal Year: 2
Number of Complete Inspections this Fiscal Year: 2

overflown and cut around the check dams. Most is deposited in the sediment basin but some is cutting around on the road.

### **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:

#### Ponds

- Pond 001A held some water at the time of the inspection. No tears were observed in the pond lining.
- Pond 004A was dry at the time of the inspection. The banks of the pond appeared stable and vegetated.
- Pond 006A contained some water at the time of the inspection. The banks of the pond appeared to be stable.
- Pond 007A the water was high at the time of the inspection but had plenty of capacity before
  reaching the blue marker on the white PVC pipe. The water level is below the top few holes of
  the principal spillway. The pond was not discharging. The banks appeared stable and the
  emergency spillway was clear.
- Pond 08 contained some water at the time of the inspection and was below its capacity. The spillways appeared clear, and the banks were stable. Pond 08 was not discharging.



Photo 6: Pond 001a



Photo 7: Pond 004a



Photo 8: Pond 006a

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Photo 9: Pond 007a



Photo 10: Pond 08

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### **Containment Areas**

- Containment area #1 held water at the time of the inspection.
- Containment areas #2-4 were dry at the time of the inspection.
- Containment area #5 contained water at the time of the inspection. The containment area was still below capacity, but water was nearing the top of the embankment. There is a ditch that leads to the Pond 08 emergency spillway if the water in the containment were to the embankment. Once maintenance can resume onsite, the sediment accumulated in this containment area should be removed to help increase capacity.



Photo 11: Containment Area 1



Photo 12: Containment Area #2



Photo 13: Containment Area #3

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Photo 14: Containment Area #4



Photo 15: Containment Area #5

### S.A.E.s

- OMI: (January 2024 report) The silt fences along the road in the S.A.E south of Pond 007 are damaged and need to be repaired.
- OMI: (March 2024 report) The silt fence on the western border of the S.A.E. on the top of the hill needs to be repaired.



Photo 16: Looking northeast at the damaged silt fence within the S.A.E. on the southside of the permit area, near the water tanks.

### Miscellaneous Culverts and Ditches

- OMI: (August 2025 report) Culvert C64, within Ditch D32, is blocked by vegetative debris. As a result, water has cut around the ditch and has deposited sediment within the raw coal storage area. No water appears to have overflown on the north side, which leads to the river. The Operator shall clear the debris from C64 and repair D32 to ensure that water from this ditch flows directly to Pond 007a as designed.
- OMI: (September 2025 report) Culverts C17B (inlet) and C17 (inlet), in addition to the inlet for C64, need to be cleaned of sediment and debris accumulation.



Photo 17: Check dam above C17 needs to be repaired and C17 needs to be cleaned out.

• OMI: (October 2024 report) The check dams located along the north side of the Soil Storage Area (in the unnamed ditch around the area) have filled with sediment in some areas, and the sides of the check dams have begun to erode. The Operator shall clean the check dams and stabilize the erosion.





Check dams within the soil storage area.

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

Drainage Control; Surface Stabilization; Placement:

# Refuse Disposal Area (RDA)

The top of the RDA is still exhibiting positive drainage to the back and side ditches.



Photo 19: Positive drainage on RDA.

### • OMI: (December 2024 report) RDA:

- a. The northernmost bench, before the leveled area at the top of the RDA, has a small ditch that runs east-west toward the drainages on either side of the RDA. The west side of the bench has a check dam to help slow runoff into the area that leads to culvert C81. The check dam appears functional at the end of the ditch, but erosion has cut around on the slope next to the check dam in some areas, leading to increased sedimentation in the basin leading to C81. The Operator shall implement additional erosion control structures along the west slope of the RDA to help reduce erosion on the slope, and stabilize the eroded slopes.
- b. The unnamed ditch east of D55, running along the west side of the RDA contains a few check dams to control run off and reduce erosion along the RDA. The southernmost check dam is damaged and is no longer functioning appropriately. It appears that water has undercut the check dam and has allowed for excess sediment to accumulate at the end of the ditch. The Operator shall repair the check dam in the unnamed ditch leading to C81.
- c. There is a culvert (C81) at the end of ditch D55 and the unnamed ditch that allows runoff to flow under the road and out to the ditch leading to Pond 08. The inlet side of C81 (located on the north side) appears to be clear of obstructions at this time. However, the Operator shall remove some of the sediment that has accumulated in the basin to

- the north of C81 to help minimize the sediment load deposited into Pond 08. \*\*As of the August 2025 inspection, the inlet side of C81 has begun to fill with sediment.
- d. The outlet side of C81 (located on the south side) has been partially filled with sediment.

  The Operator shall clean sediment out of C81 and from the area around the culvert.

  \*\*As of the August 2025 inspection, the outlet side of C81 has been completely covered by sediment.



Photo 20: Looking east across where the un-reclaimed RDA benches meet the reclaimed benches. The arrow points to the outlet for C81.



Photo 21. Looking at the damaged and eroded check dams within the ditches that lead to the inlet area for culvert C81.



Photo 22: Looking north at the excessive erosion on the west side of the RDA slopes.

- OMI: (March 2025 report)
  - a. Check dams line the north and south side of the road leading to the top of the RDA.

    These ditches along the road have filled with sediment, and many of the check dams in the ditch need to be repaired. The Operator will need to clean the sediment from these ditches and repair the check dams.
  - b. The check dams on the east side of the un-reclaimed slopes, leading to the conveyor belt, have filled with sediment and the area near the conveyor belt has deep erosion rills. The Operator shall clean the sediment from this ditch, stabilize the area near the conveyor belt, and repair the ruts caused by the erosion.
  - c. The ditch at the toe of the oldest un-reclaimed slope, above the most recently reclaimed slope, has filled with fine sediment. Deep erosion gullies have formed on the slope above the ditch. A small amount of sediment has run off onto the top of the reclaimed slope. The Operator shall clean the sediment from the ditch and ensure the slope is stabilized.



Photo 23: Ditch on the south side of the haul road that leads to where the outlet for C81 is located.

OMI: (September 2025 report) Because the sediment basin leading to C81 has filled with an
increased amount of sediment, the ditch on the west side of the haul road has begun to fill with
sediment and water. During this inspection, recently deposited fine-grained-grey sediment was
observed on the haul road. It appears to have overtopped the ditch where the road bends, and has

spread towards the armored channel that leads to Pond 08. The Operator shall remove excess sediment from this ditch to ensure areas offsite do not become impacted by sediment generated from stormwater or snowmelt run-off.



Photo 24: Looking north at the fine-grained grey material deposited on the road from ditch D56.

## **RECLAMATION SUCCESS - Rule 4.15, Rule 3:**

• The vegetation on the Golden Eagle Ventilation Shaft area appears to have returned and stabilized since the Division's December 2024 inspection. However, the Operator is still advised to monitor and assess this area to determine species diversity.



Photo 25: Current revegetation on the Golden Eagle Ventilation Shaft Area.

# **REVEGETATION – Rule 4.15**

Vegetative Cover; Timing:

- OMI: (July 2024 report) The state listed noxious weed, Mullein, was observed along the light use road leading to the southwest corner of Pond 004. The Operator shall treat and or remove the Mullein from the area around Pond 004.
- OMI: (August 2025 report) Mullein was observed near the underdrain area in the northwest corner of the RDA. The Operator shall treat and or remove the Mullein from the area around the underdrains.



Photo 26: Mullein in the southwest corner of Pond 004a.

### **SLIDES and DAMAGE - Rule 4.12:**

• OMI: (September 2023 – December 2024 reports)

During the September 2023 inspection, it was noted that the embankment slope on the northwest side of the Soil Storage Area was eroding and sluffing into the ditch that discharges to ditch D6. NECC was instructed to repair and stabilize the area. The ditch embankment separating the affected land drainage from the adjacent clear water ditch (D7) is very thin in areas. Failure of this embankment may overwhelm the ditch and cause sediment to discharge into the clean water ditch D7 that discharges to the river. During the October 2023 inspection, the Operator stated that they had hydro-mulched the northwest side of the Soil Storage Area in an attempt to stabilize the slope. They also stated that they are unable to safely get equipment in the area to mechanically stabilize the slope and berm separating the treated water run-off from the clean water ditch. NECC had been monitoring this area. As of the December 2024 inspection, it appears that the hydro-mulching and seeding of the bench has failed, as no vegetation appears to have been established. As of \*the July 2025 inspection, the only vegetation that appears to be establishing is the C-listed noxious weed 'bindweed'. The Operator shall determine how to re-stabilize this bench and do so as soon as possible. (July 2025) The Operator shall also treat and remove the bindweed in this area.



Photo 27: Looking southeast at the berm dividing the clean diverted surface water (D7) from the water contacting disturbed areas (ditch that discharges into D6). The right side has bindweed growth.

• OMI: (December 2024 report) The Portable Explosives and Chemical Storage area was overall stable. However, the Division observed an empty tank in the ditch to the east of the storage area. The Operator shall remove the tank from the ditch.



Photo 28: Tanks within the Chemical Storage area.

### **SUPPORT FACILITIES - Rule 4.04:**

- OMI: (October 2024 report) During the Division's September 2024 inspection, a few barrels were observed along the west side of the wash plant building, within the raw coal storage area. One of the barrels had fallen over, and its liquid contents have spilled onto the ground next to the wash plant building. The Division believes the spilt material to be rusty stormwater. The Division observed the overturned barrel again during the October inspection and has not yet received confirmation that the spill has been cleaned. The Operator shall provide evidence to the Division that the spill has been cleaned.
- OMI: (December 2024 report) The water pump/valve cover structure near the water tanks on the south side of the permit has been damaged. The Operator shall repair, replace, or remove this structure.



Photo 29: Damaged water pump/valve cover structure.

### **SIGNS AND MARKERS – Rule 4.02:**

- Stream buffer zone markers were observed in place in compliance with Rule 4.02.5.
- Mine signs were observed at the main entrance to the New Elk mine site and around the permit boundary.
- OMI: (December 2024 report) Jansen Loadout:
  - a. The mine sign is no longer posted at the Jansen Loadout. Therefore, the Operators shall post a new sign at the Jansen Loadout to comply with the requirements of Rule 4.02.
  - b. Once an Operator for the New Elk permits is restored, they will need to clarify to the Division through a revision, the operational status of the Jansen Loadout in regard to the mining operation.



Photo 30: Stream buffer zone sign posted near Pond 004a.

# TOPSOIL - Rule 4.06

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

• Signs reading "Topsoil" were posted at topsoil piles #1-#3 and the new pile located near #1 in compliance with Rule 4.02.7.



Photo 31: Topsoil pile #1 with sign.

- OMI: (February 2024) In the Stockpile Storage Area, there is a new pile of soil.
  - a. The Operator stated that the soil was salvaged during the debris clean-up work conducted during the past year in the Train Yard Area. The Operator believes that the pile contains topsoil quality soil. If the Operator intends to salvage this material as topsoil, the topsoil pile must be stabilized with a vegetative cover (Rule 4.06.3(2)(a)(i)).
  - b. The Operator shall submit a Minor Revision (MR) to update *Map 11-Sheet 3: East Portal Facilities* and pages 37-41 of section 2.05 of the PAP to account for the location, source, and volume of the new topsoil pile pictured in Photo 10 ( of the February 2024 report).

### **OFFSITE SUPPORT FACILIITES – Rule 4.04, 4.28:**

• The facilities at the Jansen Loadout were observed. All equipment on-site appears to be stable at the time of the inspection. It appeared that many portions of the conveyor system have been replaced with new parts. On the day of the inspection, the loadout appeared to be in use by a separate entity. The right of entry issues at this loadout will be addressed when there is a new Permittee in place.



Photo 32: Jansen Loadout being utilized by a separate entity on the day of the inspection.

• The coal in the yard area near the entrance has been removed/covered with what looks like soil and/or gravel. On the east side, near the office trailer, the yard has also been graveled.

DOCUMENTS RECEIVED
OTHER (SPECIFY)

## **ENFORCEMENT ACTIONS/COMPLIANCE**

**Infraction Number:** CO2024002

Inspection Date: June 12, 2024 Date Issued: September 19, 2024

Primary Topic: Secondary Topic: Tertiary Topic:

Description: On June 20, 2024, the Division issued the following violation:

"During the records review, conducted as part of a complete inspection of the New Elk Mine (permit number C-1981-012) operated by New Elk Coal Company, LLC. ("NECC" or "Operator") in June 2024, the Division found that the certificate certifying NECC has a public liability insurance policy for the operation had expired as of April 2024. At the time of the inspection, NECC's representative was unsure if the insurance policy had been renewed, and by the time of the inspection report issuance, proof of insurance had not been provided to the Division. Also, NECC did not have or provide satisfactory evidence they had satisfied applicable State or Federal self-insurance requirements.

This is a violation for failure to maintain a certificate certifying that NECC has a public liability insurance policy in full force and effect during the term of the permit or any renewal, including the term of all reclamation operations; or, in lieu of a certificate for public liability insurance policy, satisfactory evidence NECC has satisfied applicable State or Federal self-insurance requirements pursuant to C.R.S 34-33-110(5) and Rule 2.03.9."

NECC had extended the abatement deadline to the full 90 days allowed by Rule 5.03.2(2)(b). The final abatement deadline, set for September 18, 2024, has passed. The Division finds that NECC has failed to abate the violation, and therefore has issued this cessation order in accordance with Rule 5.03.2(3).

Abatement #: 1

Abatement Due Date: 9/28/2024 Abatement Due Extended Date:

Abatement Date:

Abatement Description: New Elk Coal Company, LLC. shall submit to the Division for inclusion in the permit application, a certificate certifying that the applicant has a public liability insurance policy in force for the surface coal mining and reclamation operation. Or, in lieu of a certificate for public liability insurance policy, satisfactory evidence that NECC has satisfied applicable State or Federal self-insurance requirements in accordance with Rule 2.03.9.

**Infraction Number:** CV2024002

Inspection Date: June 12, 2024 Date Issued: June 20, 2024

Primary Topic: Availability Of Records

Secondary Topic: Tertiary Topic:

Description: During the records review, conducted as part of a complete inspection of the New Elk Mine (permit number C-1981-012), operated by New Elk Coal Company, LLC. ("NECC" or "Operator") in June 2024, the Division found that the certificate certifying NECC has a public liability insurance policy for the operation had expired as of April 2024. By the time of the inspection report issuance, proof of insurance had not been provided to the Division. Also, NECC did not have or provide satisfactory evidence they had satisfied applicable State or Federal self-insurance requirements.

This is a violation for failure to maintain a certificate certifying that NECC has a public liability insurance policy in full force and effect during the term of the permit or any renewal, including the term of all reclamation operations; or, in lieu of a certificate for public liability insurance policy, satisfactory evidence NECC has satisfied applicable State or Federal self-insurance requirements pursuant to C.R.S 34-33-110(5) and Rule 2.03.9.

Abatement #: 1

Abatement Due Date: 7/1/2024

Abatement Due Extended Date: 9/18/2024

Abatement Date:

Abatement Description: New Elk Coal Company, LLC. shall submit to the Division for inclusion in the permit application, a certificate certifying that the applicant has a public liability insurance policy in force for the surface coal mining and reclamation operation. Or, in lieu of a certificate for public liability insurance policy, satisfactory evidence that NECC has satisfied applicable State or Federal self-insurance requirements in accordance with Rule 2.03.9.

# **AVAILABILITY OF RECORDS**

PERMIT RECORDS	HYDROLOGIC RECORDS	
DRMS Permit	NPDES Permit	
Permit Application w/Revisions	NPDES Records	
Findings Document	Stormwater Management Plan	
Insurance Certificate	SPCC Plan	
Bond Document	MSHA Pond Inspections	
Phased Bond Release		
Documents/Findings	State Engineer's Pond Inspection	
Air Emission Permits	Quarterly Pond Inspections	
County Special Use Permits	Annual Hydrology Reports	
UG Mining Landowner Notification	Ground Water Monitoring	
Subsidence Monitoring Reports	Surface Water Monitoring	
Subsidence Monitoring Data	Spring & Seep Monitoring	
Rill & Gully Survey	Mine Water Discharge	
	Monitoring	
Vegetation Monitoring Data	Mine Inflow Study	
Specific Variance Approvals	Water Consumption Records	
Annual Reclamation Reports	Well Permits	
Midterm Review Documents		
DRMS/OSM Inspection		
Reports/Enforcement Actions (3		
Years)	BLASTING RECORDS	
Transfers/Succession of Operator	Blasting Publication	
Temporary Cessation Notification	Blasting Records (3 years)	
Reclamation Cost Estimate	ATFE Explosives Permit	
CERTIFICATIONS	Blasting Variances	
Pond Certifications	Pre-Blast Surveys	
Annual Certifications for		
Impoundments		
Fill Certifications for Excess Spoil	ADDITIONAL RECORDS	
or Underground Development Waste	(specify)	
Quarterly Inspections		
Compaction Testing	- <u></u> -	
Final Certification		
Coal Processing Waste Banks		
Haul Road Certifications		
Access Road Certifications		

COMMENTS: The Division was unable to access the mine records as the phone numbers listed on the gate have been disconnected and because there are no personnel remaining onsite.