



COLORADO


Division of Reclamation,
Mining and Safety

Department of Natural Resources

PERMIT INFORMATION

Permit Number: C-1996-084 Mine Name: Lorencito Canyon Mine Operator: New Elk Coal Company, LLC Operator Address: Mr. Mark Gray 12250 Highway 12 Weston, CO 81091	County: Las Animas Operation Type: Surface Permit Status: Permanent Cessation Ownership: Private
	Operator Representative Present: Bill Roddy
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: March 8, 2023 Inspection Start Time: 12:00 Inspection End Date: March 8, 2023 Inspection End Time: 14:00		Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Program Weather: Clear	
Joint Inspection Agency: None		Joint Inspection Contacts: 	
Post Inspection Agency: None		Post Inspection Contacts: 	
Inspector(s): Brock Bowles	Inspector's Signature: 		Signature Date: March 16, 2023

Inspection Topic Summary

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

N - Air Resource Protection	N - Roads
N - Availability of Records	N - Reclamation Success
N - Backfill & Grading	N - Revegetation
N - Excess Spoil and Dev. Waste	N - Subsidence
N - Explosives	N - Slides and Other Damage
N - Fish & Wildlife	N - Support Facilities On-site
N - Hydrologic Balance	N - Signs and Markers
R - Gen. Compliance With Mine Plan	N - Support Facilities Not On-site
N - Other	N - Special Categories Of Mining
N - Processing Waste	N - Topsoil

COMMENTS

This partial inspection was conducted by Brock Bowles of the Division of Reclamation, Mining and Safety (Division). Bill Roddy of the New Elk Coal Company was present for the inspection. The weather was sunny, cold and the ground conditions were dry.

GENERAL MINE PLAN COMPLIANCE:

The following discussion references the Lorencito Permit Boundary map below.

The permit boundary for the Lorencito Mine was reduce in size through TR18 in 2013 shown on permit Map 2.05.3-1. Map 2.05.3-1 was digitized and imported into ArcPro and then georeferenced to the mine area. The revised permit boundary was copied and projected onto the Lorencito Permit Boundary map below (yellow outline). During this process it was noticed that Pond 8 was not completely within the permit boundary. Approximately 1 acre of the pond and its embankment are outside the permit boundary to the north.

To eliminate the possibility of mapping and geo-referencing errors, the location of Pond 8 (photo 1) was field verified during this inspection. The perimeter of Pond 8 was walked and a point was recorded approximately every 20 feet around the entire pond and embankment using ArcGIS Field Maps. The field data collected for Pond 8 is shown as the blue pond on the map below. The other ponds of the Lorencito Mine are shown in purple and are included for reference.

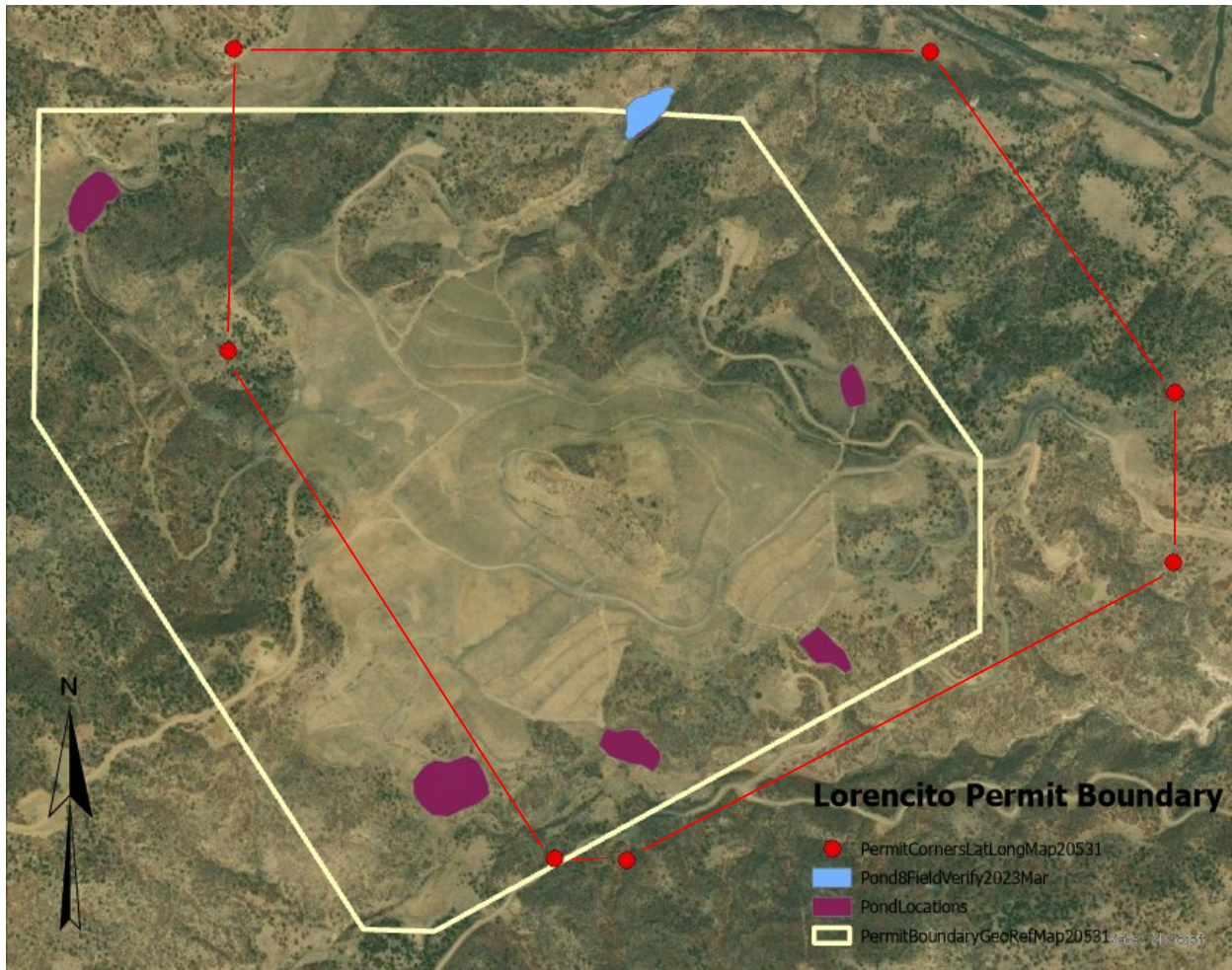
The next step was to verify the permit boundary location as the geo-referencing process may introduce error. The permit boundary corner point coordinates are provided in a table on Map 2.05.3-1. These points were plotted in ArcPro and are shown on the below map as red dots.

The map shows that the geo-referenced permit boundary (yellow outline) and the plotted point boundary (red dots) are offset by approximately 1,400 feet. Neither version of the permit boundary includes all the ponds and their associated disturbance footprint. All areas of land which are affected by surface coal mining operations need to be included in the permit area (Rule 1.04(89)).

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3

The permit boundary needs to be updated to include all the mine related disturbed areas including pond embankments. This can be accomplished with an incidental permit boundary change through a technical revision. **Please submit a technical revision within 90 days of this report to adjust the permit boundary so all mine related disturbance is within the permit boundary.**



DOCUMENTS RECEIVED

OTHER (SPECIFY)

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: 6

Number of Complete Inspections this Fiscal Year: 3

PHOTOGRAPHS



Photo 1 – Pond 8 facing east, embankment at far end of pond

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3