



July 9, 2025

Twentymile Coal Company
Miranda Kawcak
29515 RCR #27
Oak Creek, CO 80467

Job Number: 99-3983

Subject: Quarterly Observation Report,
Refuse Pile, Foidel Creek Mine, Routt
County, Colorado.

Miranda,

As requested, NWCC, Inc. (NWCC) has prepared this report outlining our observations made during the second quarter of 2025 at the Refuse Pile located at Twentymile Coal Company's (TCC) Foidel Creek Mine in Routt County, Colorado. During this quarter, Timothy Travis of NWCC visited the project site on June 30, 2025 to provide the quarterly inspection/observations of the Refuse Pile.

At the time of our site visit on June 30, 2025, NWCC completed a site inspection of the existing refuse pile. Based on our observations made during this visit, it appeared that the contractor was presently stockpiling, grading and compacting refuse coal in the new Expansion Area. At the time of our site visit, the refuse coal had been placed and compacted to an elevation above the third bench, near the fourth bench, situated along the east side of the stockpile.

Compaction testing in the new Expansion Area of the refuse pile was also completed on June 30, 2025. Ten compaction tests (#702 to #711) were taken in Expansion Area during this quarter. All of the tests taken during this quarter met the minimum compaction requirement of 90% of the maximum standard Proctor density. Copies of the compaction test results and the daily field reports are attached. It should be noted that the abbreviations given in the Nuclear Density Test Results (Proctor Data) are as follows: Maximum DD = Maximum Dry Density and OMC = Optimum Moisture Content. Both of these values have been determined in accordance with ASTM D698.

The internal roadways in the new expansion area of the pile are in good condition. The upper haul road to Areas 2, 3 and 4 of the refuse pile was not accessible.

A seepage area at the toe of the northeast end of the refuse pile expansion area, approximately 30 feet northwest of the outlet of the underdrain, developed in fall 2014. At the time of our observations, the seepage was surfacing at the toe of the slope and flowing into the drainage from the undrain outlet then into the existing pond east of the Refuse Pile Expansion Area. The discharge was clear, with no evidence of sediment. No signs of washout, slumps or slope instability were observed at this time. The seepage area will be monitored during future inspections and noted in our inspection reports. Photographs of the seepage area taken at the time of our inspection on June 30, 2025 are attached.

Based on our observations, the surface drainage conditions generally appeared to be adequate across the top and sides of the pile. Based on our observations, we did not observe any signs of instability, structural weakness or hazardous conditions at the refuse pile.

We were advised that the wash plant had produced approximately 105,836 tons of waste coal during the month of April 2025; approximately 74,003 tons during May 2025; and approximately 69,152 tons during June 2025. It is our understanding that the fines being produced at the wash plant, which consists of approximately 10 to 20 percent of the total materials being produced, are being pumped underground into the mine.

We were previously informed by Brian Watterson of TCC that all of the original monitor wells installed in the Refuse Pile were destroyed in July 2012. Two new monitor wells were constructed in Area 1 of the Refuse Pile in December 2013. NWCC was provided monthly monitor well readings for this quarter by TCC. The water level in the western monitor well (RW#1) was measured at 57.50 feet below the existing ground surface (bgs) on April 28th at 57.40 feet bgs on May 30th and at 57.20 feet bgs on June 30th of 2025. The water level in the eastern monitor well (RW#2) was measured at 56.60 feet bgs on April 28th, at 56.50 feet bgs on May 30th and at 56.70 feet bgs on June 30th of 2025. An additional monitor well (RW#3) was constructed at the southeast end of the 1st bench in the new Expansion Area in June of 2014. The water level in the expansion area monitor well (RW#3) was dry when checked on April 28th, May 30th and June 30th of 2025.

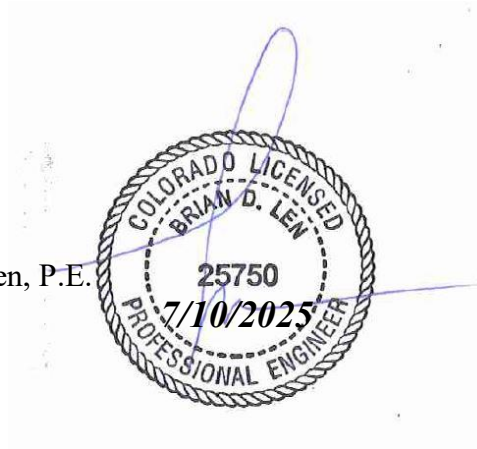
Based on our observations, it appears that the pile is currently being constructed and maintained in general accordance with the project specifications and plans submitted under 2.05.3(8) and that the potential hazard to human life and property at the site in its present condition is minimal. This report fulfills the quarterly inspection requirements as specified by Rules 4.09.1(11)(a), 4.09.1(11)(b), 4.10.2(2)(a) and 4.10.2(2)(b).

If you have any questions regarding this report or our observations, please contact this office.

Sincerely,
NWCC, Inc.,

Timothy S. Travis, P.E.
Sr. Project Engineer

Reviewed by Brian D. Len, P.E.
Principal Engineer



NORTHWEST COLORADO CONSULTANTS, INC.

Project:	Refuse Pile	Project No.:	99-3983	Date:	6/30/25
Location:	Foidel Creek Mine	Report No.:	116	Time:	2.0
Client:	Twentymile Coal Co.			Mileage:	45
				Engr. /Tech:	TT

Work Performed:

As requested, we visited the project site on today's date and conducted compaction test No's 702 through 711 on the fill materials being placed within the Refuse Pile.

Twentymile Coal Company crews placed and compacted processed waste coal in the Refuse Pile.

We also obtained a sample of material and returned it to our laboratory in Steamboat Springs, CO for standard checkpoint Proctor testing. The sample matched previously determined Proctor 12P for this project.

Remarks:

The material tested today generally met project specifications for compaction.

Please refer to attached sheet for results of today's testing.

Verbal Discussions:

Nick Aromando of Twentymile Coal Co. was notified of today's test results.

NUCLEAR DENSITY TEST RESULTS

Project: Refuse Pile

Project No.: 99-3983
Report No.: 116

Date: 6/30/2025

Test No.	Location Northing/Easting	Depth Elev.	Proctor No.	Dry Density (pcf)	Water Content (%)	Actual Compaction	Required Compaction
702	30349.954 / 16332.893	7036.191	12	100.3	6.0	91	90
703	30211.792 / 16464.143	7034.654	12	103.2	5.3	94	90
704	30364.836 / 16800.332	7029.155	12	106.9	5.2	97	90
705	30530.854 / 16689.278	7034.244	12	105.7	5.6	96	90
706	30723.216 / 16964.213	7033.395	12	104.6	5.1	95	90
707	30625.795 / 17150.290	7027.405	12	107.2	6.1	98	90
708	30860.585 / 17272.886	7030.564	12	106.8	5.9	97	90
709	31115.728 / 17479.204	7030.010	12	103.4	6.2	94	90
710	31131.634 / 17657.067	7020.477	12	101.7	5.7	93	90
711	31025.613 / 17722.823	7017.911	12	100.4	5.5	91	90

PROCTOR DATA

No.	Maximum Dry Density (pcf)	Optimum Moisture Content (%)	Relative Density Minimum Density (pcf)	Relative Density Maximum Density (pcf)	Soil Type
12	109.8	7.6			Processed Waste Coal
11	100.3	10.2			Processed Waste Coal
10	107.6	11.0			Processed Waste Coal

Comments:

BSG= Below Subgrade Grade SG= Subgrade Grade SBG= Subbase Grade BSBG= Below Subbase Grade BCG= Base Course Grade BBF= Below Bottom of Footing	NWC= Northwest Corner NEC= Northeast Corner SWC= Southwest Corner SEC= Southeast Corner BFG= Below Footing Grade FG= Footing Grade
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TCC Refuse Pile-Quarterly Inspection

Photos



June 30, 2025-Drain Outlet and Seepage Area



June 30, 2025-Seepage Area



June 30, 2025- Areas 2, 3 and 4 from Expansion Area



June 30, 2025- Expansion Area



June 30, 2025- East End of Expansion Area



June 30, 2025- Refuse Pile