



STATE OF
COLORADO

Ebert - DNR, Jared <jared.ebert@state.co.us>

New Elk Mine, C-1981-012, 2Q 2022 Waste Pile Inspection Report

nmason@newelkcoal.com <nmason@newelkcoal.com>
To: "Ebert - DNR, Jared" <jared.ebert@state.co.us>

Tue, Sep 20, 2022 at 1:39 PM

Jared,

Please find attached the quarter 2 compaction report.

Thanks,

Nick

Nick Mason

New Elk Coal

719-631-6146

nmason@newelkcoal.com

From: Ebert - DNR, Jared <jared.ebert@state.co.us>
Sent: Thursday, September 15, 2022 9:19 AM
To: Nick Mason <nmason@newelkcoal.com>
Cc: bstormes@newelkcoal.com; Brock Bowles <brock.bowles@state.co.us>
Subject: New Elk Mine, C-1981-012, 2Q 2022 Waste Pile Inspection Report

Hello Nick,

I have reviewed the 2Q 2022 waste pile inspection report, the review letter is attached. Can you please provide me a copy of the compaction test results? Also, please include these results as part of the submission each quarter please.

Thanks,

Jared

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Jared Ebert

Senior Environmental Protection Specialist

***I am working remotely, please feel free to call my cell at (720) 413-6466**



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

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Q2_2022 Compaction Report.pdf

14K

Southern Colorado
 4718 N Elizabeth Street
 Suite C-2
 Pueblo, CO 81008
 Phone: 719-595-1287

Report #: SNG-000004
Test date: 06/28/22
Report Date: 06/30/2022
Test Method: ASTM D 6938

Client:
 New Elk Coal Company
 12250 Highway 12
 Weston, CO 81091

Project:
 SC02872.002F-345
 New Elk Coal Mine Wastebank
 Highway 12
 Weston, CO

| Test Results | | | | | | | | | | | | | | | |
|---|--|-----------|------------|--------|--|----------------------|---------------------------|-----------------------|----------------------------|----------------------------|--------------------------------------|--------------------|---------------|--------------------------------|--------|
| Test # | Retest Of | Test Date | Proctor ID | Method | Soil Classification | Optimum Moisture (%) | Maximum Dry Density (pcf) | In Place Moisture (%) | In Place Dry Density (pcf) | In Place Wet Density (pcf) | Probe Depth (in) | Percent Compaction | Min Comp. (%) | Optimum Moisture Tolerance (%) | Remark |
| 9 | | 06/28/22 | 50 | 698B | Cohesive | 16.5 | 105.5 | 17.9 | 102.7 | 121.1 | 8 | 97 | 95 | 1 / 4 | A |
| 10 | | 06/28/22 | 50 | 698B | Cohesive | 16.5 | 105.5 | 18.4 | 100.8 | 119.3 | 8 | 96 | 95 | 1 / 4 | A |
| Test Information | | | | | | | | | | | | | | | |
| Test # | Test Location | | | | | | | Elevation | Reference | | Gauge Make / Model / SN / Calibrated | | | Field Technician | |
| 9 | Various: Refuse Disposal Site, 200'N, 10'W of SE corner of site. | | | | | | | 30.0 | Above slope toe. | | TROXLER / 3430 / 33970 / 04/12/2022 | | | Richards, Daniel | |
| 10 | Various: Refuse Disposal Site, 325'N, 8'W of SE corner of site. | | | | | | | 30.0 | Above slope toe. | | TROXLER / 3430 / 33970 / 04/12/2022 | | | Richards, Daniel | |
| Remarks | | | | | Comments | | | | | | | | | | |
| A: Test results comply with specifications. | | | | | Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency. 10: Upon arriving for requested site visit, CTL Thompson observed the contractor placing coal mine refuse at the refuse disposal site. Tests were conducted on the east side of the site at the top of the site slope. After testing, the contractor continued placing coal mine refuse. Contractor verbally notified of test results. | | | | | | | | | | |