



STATE OF
COLORADO

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

New Horizon Mine, C-1981-008, MR-135 Preliminary Adequacy Review

1 message

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

Wed, Feb 5, 2025 at 1:36 PM

To: "Tennyson, Tony (Colowyo)" <tony.tennyson@tristategt.org>

Good afternoon Tony,

Attached with this email is the Division's adequacy review letter and reclamation cost estimate for Minor Revision No. 135. 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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2 attachments



C-1981-008, New Horizon Mine MR-135 Adequacy Review Letter_CCW.pdf

163K



New Horizon Mine, C-1981-008, MR-135 Reclamation Cost Estimate.pdf

107K



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

February 5, 2025

Tony Tennyson
Elk Ridge Mining and
Reclamation, LLC
P.O. Box 628
27646 West 5th Avenue
Nucla, CO 81424

**RE: New Horizon Mine, Permit No. C-1981-008
Minor Revision No. 135 Preliminary Adequacy Review**

Dear Mr. Tennyson,

The Colorado Division of Reclamation, Mining and Safety (the Division) received Elk Ridge Mining and Reclamation's (ERMR) submittal of required items for a Minor Revision on February 3, 2025. The information provided allowed Minor Revision No. 135 to be called complete on February 4, 2025. The Division has completed reviewing the application submittal for MR-135 and has the following adequacy comments.

1. Please review the attached Reclamation Cost Estimate for MR-135. The Division calculated the reclamation costs associated with the revision to be \$3,722.00.

This concludes the Division's preliminary adequacy review for the New Horizon Mine's Minor Revision No. 135 application. If you have any questions or concerns, please feel free to contact me.

Sincerely,

Clayton Wein
Environmental Protection Specialist
clayton.wein@state.co.us

cc: Travis Marshall, Senior Environmental Protection Specialist DRMS GJFO



COST SUMMARY WORK

Task description: Plug and seal 1 geotech borehole

Site: New Horizon Mine

Permit Action: MR135

Permit/Job#: C1981008

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 2/5/2025

County: Montrose

Filename: C008-000

User: CCW

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Plug and Seal EP-B5 Borehole	BOREHOLE	1	1.00	\$109
002	Equipment Mobilization for Sealing EP-B5	MOBILIZE	1	7.56	\$2,235
<u>SUBTOTALS:</u>				8.56	\$2,344

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$47

Performance bond: 1.05

Total = \$25

Job superintendent: 3.78

Total = \$300

Profit: 10.00

Total = \$234

TOTAL O & P = \$606

CONTRACT AMOUNT (direct + O & P) = \$2,950

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$500

Total = \$500

Engineering work and/or contract/bid preparation: 5.23

Total = \$154

Reclamation management and/or administration: 4.00

\$118

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$1,378

TOTAL BOND AMOUNT (direct + indirect) = \$3,722

BOREHOLE SEALING WORK

Task description: Plug and Seal EP-B5 Borehole

Site: New Horizon Mine

Permit Action: MR135

Permit/Job#: C1981008

PROJECT IDENTIFICATION

Task #: 001

State: Colorado

Abbreviation: None

Date: 2/5/2025

County: Montrose

Filename: C008-001

User: CCW

Agency or organization name: DRMS

UNIT COSTS

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Cement cap for EP-B5	Portland cement grout - 6 in. (labor, equip, materials)	6	3	3.00	LF	\$9.68	\$29.05
Marker for EP-B5	Borehole location/identification marker (EA, material cost only)	NA	NA	1.00	EA	\$46.00	\$46.00
Water Truck	Water Tanker, 2,500 Gal.	NA	NA	1.00	EA	\$34.10	\$34.10

Job Hours: 1.00

Total Cost: \$109.00

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Equipment Mobilization for Sealing EP-B5**Site: **New Horizon Mine**Permit Action: **MR135**Permit/Job#: **C1981008****PROJECT IDENTIFICATION**Task #: **002**State: **Colorado**Abbreviation: **None**Date: **2/5/2025**County: **Montrose**Filename: **C008-002**User: **CCW**Agency or organization name: **DRMS****EQUIPMENT TRANSPORT RIG COST**Shift basis: **1 per day**Cost Data Source: **CRG Data**Truck Tractor Description: **GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED,
400 HP (2ND HALF, 2006)**Truck Trailer Description: **GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT
TRAILER (25T, 50T, AND 100T)****Cost Breakdown:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$10.44	\$22.18	\$23.94
Operating Cost/Hour:	\$26.48	\$54.55	\$55.65
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$59.44	\$122.78	\$125.64

NON ROADABLE EQUIPMENT:

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
SCHRAMM T450WS	0.00	\$281.20	\$59.44	1	\$340.64	\$59.44	\$250.00

Subtotals: **\$340.64** **\$59.44** **\$250.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T. Crew	\$24.60	1	\$24.60	\$24.60
Water Tanker, 2,500 Gal.	\$34.10	1	\$34.10	\$34.10

Subtotals: **\$58.70** **\$58.70**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	<u>GRAND JUNCTION</u>	
Total one-way travel distance:	<u>104.00</u>	miles
Average Travel Speed:	<u>55.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$2,013.03</u>
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	<u>\$221.99</u>
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>1.89</u>	<u>1.89</u>
Return Time (Hours):	<u>1.89</u>	<u>1.89</u>
Loading Time (Hours):	<u>0.00</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.00</u>	<u>NA</u>
Subtotals:	<u>3.78</u>	<u>3.78</u>

JOB TIME AND COST

Total job time:	<u>7.56</u>	Hours
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Total job cost:	<u>\$2,235</u>
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