




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME: The Rise Above	MINE/PROSPECTING ID#: M-2014-054	MINERAL: Gemstones	COUNTY: El Paso
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: October 12, 2022	INSP. TIME: 15:30
OPERATOR: Amanda Adkins Anderson & Travis Anderson	OPERATOR REPRESENTATIVE: Amanda Adkins	TYPE OF OPERATION: 110(2) - Hard Rock Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$5,900.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: U.S.Forest Service	JOINT INSP. AGENCY: U.S.Forest Service	
INSPECTOR(S): Timothy Cazier, P.E.	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 2, 2023	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>NA</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION-- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This was a joint inspection with the US Forest Service (USFS) and was conducted as part of the regular monitoring program. The Permittee, Ms. Amanda Adkins was present during the inspection. Ms. Cullen LaPointe and Josh Von Loh represented the USFS. The claim site is located in the SW1/4 of Section 12 near Cameron Cone south of Manitou Springs, east of Pike's Peak. An arrangement was made with a Crystal Park resident and Ms. Jean Cowman to access the site via Crystal Park from Manitou Springs. The Permittee actively worked the site during the inspection.

Availability of Records: Annual reports are current, having been filed through February 2023, stating the last mining activity was October 12, 2022. The previous inspection was on September 21, 2017. The approved post-mine land use is forestry. There were no open infractions prior to the inspection. Both the surface and minerals are managed by the US Forest Service.

Backfilling and Grading: Sufficient backfill material appeared to be available.

Excess Spoil and Dev. Waste: Overburden piles were observed in the active mine areas (see **Photos 1 and 2**).

Financial Warranty: The \$5,900 bond held by the DRMS was last updated in 2015 and included one acre of reseeding. The reclamation cost was updated with current unit costs and added the bid preparation costs omitted in the 2015 estimate. The estimated reclamation cost increased about 2.5% to \$6,057 (see **Attachment A**). However, the current disturbance is on the order of a half an acre. As such, this currently held is adequate for the observed mine disturbance.

Fish and Wildlife: No impact to wildlife was observed.

Hydrologic Balance: No standing water was observed in the pit and no exposed groundwater was observed.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. The maximum allowed disturbed area for bonding purpose is one acre, although the site is permitted for 9.9 acres of affected area. Pits were estimated to vary between 3 and 4 feet deep.

Off-site Damage: The operation appeared to be confined to the permit boundary.

Right of Entry: Ms. Cullen indicated the last NOI required by the USFS and considered right of entry by the DRMS, was from 2018. Ms. Adkins stated she had sent in the USFS NOI renewal. The DRMS will need confirmation of the NOI being submitted.

Reclamation Success: Ms. Adkins indicated reclamation has been initiated on the Shrew Pocket (see **Photo 3**) and the Middle Pocket (see **Photo 1**). Both need additional backfill. No trash was observed.

Revegetation: Ms. Adkins stated she collects local seeds and hand broadcasts them in the reclaimed areas. Some grasses and forbs are becoming established. No noxious weeds were observed.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Signs and Markers: The permit sign had been vandalized and removed (see **Photo 4**). Many of the claim signs had also been vandalized. A new claim center post sign was observed (see **Photo 5**). *The DRMS suggests adding*

the DRMS permit number to the claim markers as the metal signs are more durable. Alternatively, the DRMS permit number could be etched or painted on the claim center post.

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: Stormwater is controlled by berms and vegetation.

Topsoil: Topsoil stockpile has been stripped and stockpiled.

Post Inspection Meeting: Ms. Adkins agreed to confirm the NOI was current with the USFS and get new permit sign(s) posted.

Please contact Tim Cazier (303)328-5229 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Overburden (left/east side) piled next to the Middle Pocket – needs more backfill (looking south).

PHOTOGRAPHS (cont.)



Photo 2. Short Cut and City Lights pits (Active sites) with overburden.



Photo 3. Shrew Pocket reclamation – needs more backfill.

PHOTOGRAPHS (cont.)



Photo 4. Vandalized/missing DRMS permit sign (circled).



Photo 5. New claim marker on center post.

Inspection Contact Address

Amanda Adkins
Amanda Adkins Anderson & Travis Anderson
P.O. Box 130
Rye, CO 81069

ec: DRMS file
Amy Titterington, USFS

Enclosure: Attachment A – Updated Reclamation Cost Summary

ATTACHMENT A
COST SUMMARY WORK

Task description: Cost Summary Sheet

Site: The Rise Above

Permit Action: 2023 Update

Permit/Job#: M2014054

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 6/2/2023

County: El Paso

Filename: M054-000

User: TC1

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
003	Revegetate Disturbed Areas	REVEGE	1	8.00	\$2,088
0102	Transportation to/from site + Labor	SITEMAINT ENANCE	1	0.00	\$2,816
<u>SUBTOTALS:</u>				8	\$4,904

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$99

Performance bond: 1.05

Total = \$51

Job superintendent: 0.00

Total = \$0

Profit: 10.00

Total = \$490

TOTAL O & P = \$641

CONTRACT AMOUNT (direct + O & P) = \$5,545

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$0

Total = \$0

Engineering work and/or contract/bid preparation: 4.25

Total = \$236

Reclamation management and/or administration: 5.00

\$277

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$1,154

TOTAL BOND AMOUNT (direct + indirect) = \$6,058

REVEGETATION WORKTask description: Revegetate Disturbed AreasSite: The Rise AbovePermit Action: 2023 UpdatePermit/Job#: M2014054PROJECT IDENTIFICATIONTask #: 003State: ColoradoAbbreviation: NoneDate: 6/2/2023County: El PasoFilename: UpdateUser: TC1Agency or organization name: DRMSFERTILIZING**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
			Total Fertilizer Materials Cost/Acre	\$0.00

Application

Description	Cost /Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

Description	Cost /Acre
Hand raking (MEANS 32 91 13.23 0250)	\$1,589.94
Total Tilling Cost/Acre	\$1,589.94

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Bluebunch Wheatgrass - Secar	2.40	7.71	\$26.10
Mountain Brome - Bromar	8.00	12.86	\$30.40
Bottlebrush Squirreltail	0.90	3.97	\$14.60
Sandberg Bluegrass - VNS	0.40	8.49	\$3.36
Rocky Mountain Fescue	0.60	9.64	\$4.35
Slender Wheatgrass - Native	2.20	8.03	\$10.18
Streambank Wheatgrass - Sodar	3.30	10.76	\$18.81
Thickspike Wheatgrass - Critana	3.00	10.61	\$20.63
Prairie Junegrass	0.10	5.32	\$2.60
Totals Seed Mix	20.90	77.38	\$131.02

Application

Application	
Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22
Total Seed Application Cost/Acre	\$267.22

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

Description	Cost /Acre
	\$
Total Mulch Application Cost/Acre	\$0.00

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
Totals Nursery Stock Cost / Acre					\$0.00

JOB TIME AND COST

No. of Acres:	1
Estimated Failure Rate:	25%
*Selected Replanting Work Items:	SEEDING

Cost /Acre:	\$1,988.18
Cost /Acre*:	<u>\$398.24</u>

Initial Job Cost:	\$1,988.18
Reseeding Job Cost:	\$99.56
Total Job Cost:	\$2,088
Job Hours:	8.00

SITE MAINTENANCE

Task description: Transportation to/from site + Labor

Site: The Rise Above

Permit Action: 2023 Update

Permit/Job#: M2014054

PROJECT IDENTIFICATION

Task #: 0102

State: Colorado

Abbreviation: None

Date: 6/2/2023

County: El Paso

Filename: M054-0102

User: TC1

Agency or organization name: DRMS

UNIT COSTS

Maintenance Item	Hours per Year	Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Transportation (includes driver & laborer)	8.00	Light Duty Pickup, 4x2, 1/2 T.	8.00	EA	\$69.73	\$557.84
Labor	80.00	USER PROVIDED ITEM	80.00		\$28.23	\$2,258.40

Job Hours: 0.00

Total Cost: \$2,816.24