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

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: Becker Pit	**MINE/PROSPECTING ID#:** M-2020-022	**MINERAL:** Sand, gravel and borrow material for construction	**COUNTY:** Huerfano
INSPECTION TYPE: Monitoring	**WEATHER:** Cloudy	**INSP. DATE:** April 25, 2025	**INSP. TIME:** 12:00
OPERATOR: Austin & Betsy Clennin	**OPERATOR REPRESENTATIVE:** Justin Clennin	**TYPE OF OPERATION:** 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	**BOND CALCULATION TYPE:** Complete Bond	**BOND AMOUNT:** $27,500.00	
DATE OF COMPLAINT: NA	**POST INSP. CONTACTS:** None	**JOINT INSP. AGENCY:** None	
INSPECTOR(S): Amber M. Gibson	**INSPECTOR'S SIGNATURE:** 	**SIGNATURE DATE:** June 1, 2025	

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

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

OBSERVATIONS

The Becker Pit was inspected by Amber Gibson with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the Division's routine monitoring inspection program. Justin Clennin (representing the Operator), accompanied me during the inspection. The sky was cloudy and the weather was warm.

The Becker Pit is located in Huerfano County approximately 4.3 miles south - southwest of Colorado City, Colorado. The entrance to the pit is via a private road owned by the Operator's on the west side of County Road 670. The pit is a 9.93-acre 110c Limited Operation Construction Materials Permit. The primary commodities being mined at the site are sand, gravel, and borrow material for construction. The approved post-mining land use is rangeland.

Availability of Records:
This is the first inspection conducted at the Becker Pit since the site was permitted in 2020. The annual report, map, and fee are paid and current through March 23, 2026.

Financial Warranty:
The Division currently holds a reclamation bond in the amount of $27,500 for this site. The Division has updated the estimate for the reclamation liability and found it to be **$29,033** -- a difference of $1,533 from the bond currently held. The Division's cost estimate is enclosed with this report. The Operator will have 14 days (until June 16, 2025), from the issuance of this report to submit any questions on the cost estimate. If no questions are received, the Division may issue a surety increase notice for the difference. The Operator will have 60 days from the date of the notice to submit and obtain acceptance of the increase in financial warranty from the Division in accordance with Rule 4.2.1(2).

Hydrologic Balance/ Sediment Control:
No standing water was observed at the time of the inspection. The disturbance onsite is lined by berms and/or sloped towards the center of the pit. No excess sediment was observed outside of the permit boundary during the inspection. There is a small area along the entrance to the road that has begun to erode **that will need to be stabilized** (Photo 16). During the inspection, the Operator stated that they will grade the area to help stabilize it.

General Compliance with the Mine Plan:
Of the 9.93 permitted acres, only 9.33 acres are approved to be excavated. At the time of the inspection, approximately 6.63 acres have been excavated, and 7.82 acres total have been disturbed. Current disturbance includes areas where topsoil has been stripped and stockpiled, a central pit area, product stockpiles, and internal roads. There is an approximately 106 foot long by 10-foot-deep section of highwall in the center of the pit. Near the highwall, concrete material has been stockpiled that the Operator stated will be recycled into product.

The remaining 0.6 permitted acres consists of mining setbacks around the site. The mining plan states that the north, west, and east sides will have a 10-foot mining limit set back and the south side will have varying widths of setbacks to be maintained throughout the life of the permit. At the inspection, a low berm outlines the limits of the setback on the north and east sides to help delineate where the setbacks are. The south side, where the road enters the site, is lined by safety berms as stated in the mining plan.

The Operator provides detailed annual report and annual report maps. Since the Operator's 2024 annual report map submission (see Figure 1 at the end of this report) additional land in the north has been stripped. As seen in the aerial imagery on Map 1, much of the disturbed area has been stripped and topsoil is stockpiled on the

west and east sides. At the time of the inspection, product stockpiles were located within the northside of the stripped area.

There were a few pieces of equipment onsite at the time of the inspection. No equipment was observed outside of the permit boundaries. However, in the aerial image dated October 23, 2024 on Map 1, it appears that a piece of equipment was located along the west boundary at one point. The Division cautions the Operator to ensure that all equipment and equipment disturbance is confined within the permit boundaries to prevent enforcement actions for offsite impacts.

Roads:
The road leading to the permit area is a privately owned road. The mining plan states that the primary purpose for the mined material is to upgrade and maintain ranch roads throughout the Permittee's ranch property. The road has been upgraded since mining has begun, but as stated in the approved mine plan, this was the primary intent for the commodities mined from the operation and thus is not included in the permit boundary. Additionally, there is a truck scale and a scale house located along the privately owned road. When asked about the primary purpose and future plans for this infrastructure the Permittee stated that it has multiple uses including weighing cattle, storing supplies/cattle care items, and weighing material from this permit in addition to material from other permits held by the Permittee. The scale is located within the Clennin Ranch property and will remain on the property to continue to be used for cattle operations following the closure of the pit.

Signs and Markers:
A sign is posted at the entrance to the site in compliance with Rule 3.1.12(1). Permit boundary markers consist of t-posts posted around the site in compliance with Rule 3.1.12(2). The field marker coordinates were collected during the inspection using the Esri FieldMaps application (see green dot icons on Map 1). The permit boundary markers appear to be placed in the correct positions. There are also additional markers placed at the site to aid with line-of-site along the northern permit boundary.

Topsoil:
The mining plans states that "prior to mining a section of the surface it will be stripped of topsoil and placed around the mine setback or on the mine floor for used in reclamation. As mining progresses the stripped material may be placed directly on the seedbed, if it will not be re-disturbed." The 2024 annual report map indicates that topsoil is located within the mining setback along the west side of the pit, and at the edge of the disturbed area on the east side of the pit (see Figure 1). During the inspection, the Operator was asked if the material on the east side was topsoil to which they stated no, and that the topsoil was located on the west side in the stabilized configuration (Photo 11), and an additional newer pile is located east of that (Photo 10).

The Division believes that the material on the east side of the permit area may also consist of topsoil, as shown on the 2024 map, as much of it has what appears to be original grass cover. Per Rule 3.1.9(1), topsoil shall be removed and segregated from other spoil. If the east side does have topsoil, the **Operator shall** separate topsoil from overburden material and ensure that it is stabilized and protected from erosion. The darker pile on the west side of the pit shall also be stabilized. Also, as stated in the mining plan, if the topsoil stockpiles remain undisturbed for more than one growing season they **shall be seeded using the approved seed mix at a rate of 40lbs-pls per acre.**

Conclusions:
This concludes the Division's Inspection Report; a map and figure displaying topics discussed during the inspection, and a subset of corresponding photographs that were taken during the time of the inspection, are included below. If you need additional information or have any questions, please contact me by email at amber.gibson@state.co.us or by telephone at (720) 836-0967.

Inspection Contact Address
Austin & Betsy Clennin
10826 Clennin Road
Rye, CO 81069

Enclosure: 2025 Reclamation Cost Estimate

CC: Austin & Betsy Clennin
Jared Ebert, DRMS

Map 1: 2025 Inspection map generated in Google Earth Pro.

INSPECTION PHOTOGRAPHS

Photo 1: Truck scale located along the private road within the Clennin Ranch property.

Photo 2: Mine sign located at the entrance to the site.

Photo 3: Looking into the site from the entrance. Safety berms are located along the south side of the road.

Photo 4: Looking along the south side of the permit area at the edge of the mesa.

Photo 5: Looking south from the northeastern permit boundary corner marker. The soil stockpiled in this area appears to at least partially consist of topsoil. If so, it needs to be segregated from overburden material, stabilized, and vegetated if not used for reclamation within one growing season.

Photo 6: Looking southeast at some product stockpiles and equipment within the site.

Photo 7: Looking east along the northern permit boundary at the 10' setback that is being maintained within this area.

Photo 8: Looking east at some stockpiled product.

Photo 9: Looking southwest at the western extent of the stripped area and at some equipment onsite.

Photo 10: New topsoil pile east of the stabilized pile. The Operator shall ensure this pile is stabilized and seeded if not used for reclamation within one growing season.

Photo 11: Looking north at the stabilized topsoil stockpile located within the mining setback on the west side of the permit area.

Photo 12: Looking east along the south side of the site from the southwest corner.

Photo 13: Stockpiled concrete stored onsite to be recycled into product.

Photo 14: Looking south along the section of highwall within the pit area.

Photo 15: Looking northwest at the gently sloped area on the west side of the striped area.

Photo 16: Looking west at the small area near the entrance to the stie where some erosion has begun to form that the Operator shall stabilize.

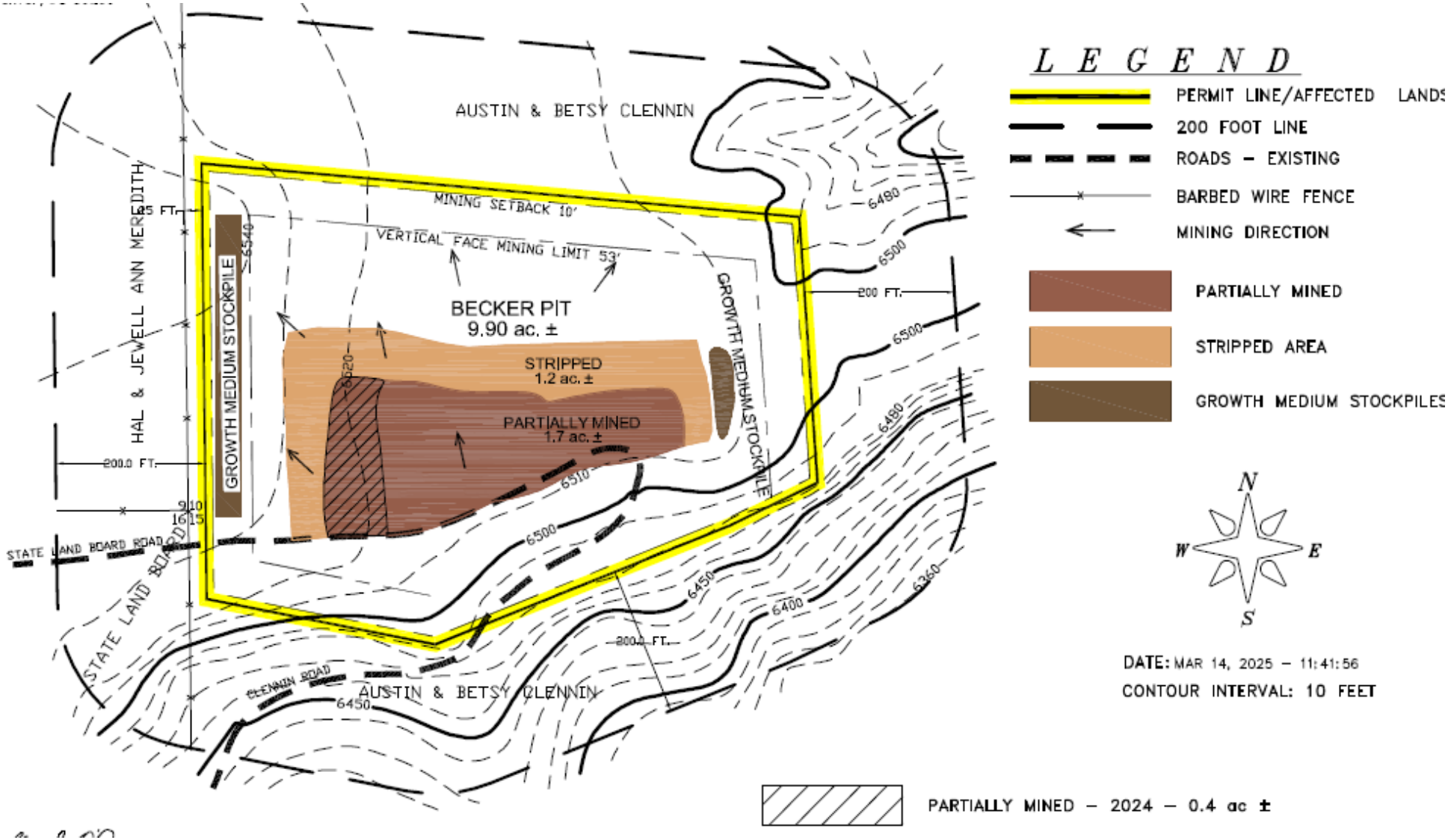

Figure 1: Screenshot from the Operator's 2024 annual report submission.

COST SUMMARY WORK

Task description: **2025 Reclamation Cost Estimate**

Site: **Becker Pit** Permit Action: 2025 Inspection Permit/Job#: M2020022

PROJECT IDENTIFICATION

Task #: 000 State: Colorado Abbreviation: None
Date: 5/23/2025 County: Huerfano Filename: M022-000
User: AMG

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	3H:1V 400 foot long 35 ft highwall	DOZER	1	11.31	$3,823
002	Spread 8 inches of topsoil over 9.33 acres	DOZER	1	15.72	$5,316
003	Convert 2H:1V slopes to 3H:1V	DOZER	1	3.57	$1,208
004	Vegetation over 9.3 acres	REVEGE	1	9.00	$6,908
005	Mobilization	MOBILIZE	1	3.38	$4,337
		SUBTOTALS:		**42.98**	**$21,592**

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	$436
Performance bond:	1.05	Total =	$227
Job superintendent:	21.49	Total =	$1,704
Profit:	10.00	Total =	$2,159
		TOTAL O & P =	$4,526
		CONTRACT AMOUNT (direct + O & P) =	$26,118

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	$500	Total =	$500
Engineering work and/or contract/bid preparation:	4.25	Total =	$1,110
Reclamation management and/or administration:	5.00		$1,306
CONTINGENCY:	0.00	Total =	$0
		TOTAL INDIRECT COST =	$7,441
		TOTAL BOND AMOUNT (direct + indirect) =	**$29,033**

BULLDOZER WORK

Task description: **3H:1V 400 foot long 35 ft highwall**

Site: **Becker Pit** Permit Action: 2025 Inspection Permit/Job#: M2020022

PROJECT IDENTIFICATION

Task #: 001 State: Colorado Abbreviation: None
Date: 5/23/2025 County: Huerfano Filename: 1
User: AMG

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU
Horsepower: 310
Blade Type: Semi-Universal
Attachment: 3-shank ripper
Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	$173.32	NA
Operating Cost/Hour:	$109.71	100
Ripper own. Cost/Hour:	$14.53	NA
Ripper op. Cost/Hour:	$1.99	25
Operator Cost/Hour:	$38.59	NA

Total unit Cost/Hour: $338.13
Total Fleet Cost/Hour: **$338.13**

MATERIAL QUANTITIES

Initial Volume: 4,785
Swell factor: 1.215
Loose volume: **5,814** LCY

Source of estimated volume: Mining Plan
Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 70 feet
Unadjusted hourly production: 1,093.7 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: -5 %
Average site altitude: 6,520 feet

Material weight: 3,300 lbs/LCY

Weight description: Decomposed rock - 75% Rock, 25% Earth

Job Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.200	(SLOT)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)

Spoil pile:	0.900	(SSD-FC)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4702

Adjusted unit production: 514.26 LCY/hr
Adjusted fleet production: **514.26** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: $0.658/LCY

Total job time: **11.31** Hours
Total job cost: **$3,823**

BULLDOZER WORK

Task description: **Spread 8 inches of topsoil over 9.33 acres**

Site: **Becker Pit** Permit Action: 2025 Inspection Permit/Job#: M2020022

PROJECT IDENTIFICATION

Task #: 002 State: Colorado Abbreviation: None
Date: 5/23/2025 County: Huerfano Filename: 2
User: AMG

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU
Horsepower: 310
Blade Type: Semi-Universal
Attachment: 3-shank ripper
Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	$173.32	NA
Operating Cost/Hour:	$109.71	100
Ripper own. Cost/Hour:	$14.53	NA
Ripper op. Cost/Hour:	$1.99	25
Operator Cost/Hour:	$38.59	NA

Total unit Cost/Hour: $338.13
Total Fleet Cost/Hour: **$338.13**

MATERIAL QUANTITIES

Initial Volume: 10,003
Swell factor: 1.000
Loose volume: **10,003** LCY

Source of estimated volume: Mining and Reclamation Plans
Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 200 feet
Unadjusted hourly production: 491.9 LCY/hr

Materials consistency description: Loose stockpile 1.2

Average push gradient: -5 %
Average site altitude: 6,520 feet

Material weight: 1,600 lbs/LCY

Weight description: Top Soil

Job Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(CAT HB)
Dozing method:	1.200	(SLOT)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)

Spoil pile:	0.900	(SSD-FC)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 1.2935

Adjusted unit production: 636.27 LCY/hr
Adjusted fleet production: **636.27** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: $0.531/LCY

Total job time: **15.72** Hours
Total job cost: **$5,316**

BULLDOZER WORK

Task description: **Convert 2H:1V slopes to 3H:1V**

Site: **Becker Pit** Permit Action: 2025 Inspection Permit/Job#: M2020022

PROJECT IDENTIFICATION

Task #: 003 State: Colorado Abbreviation: None
Date: 5/23/2025 County: Huerfano Filename: 3
User: AMG

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU
Horsepower: 310
Blade Type: Semi-Universal
Attachment: 3-shank ripper
Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	$173.32	NA
Operating Cost/Hour:	$109.71	100
Ripper own. Cost/Hour:	$14.53	NA
Ripper op. Cost/Hour:	$1.99	25
Operator Cost/Hour:	$38.59	NA

Total unit Cost/Hour: $338.13
Total Fleet Cost/Hour: **$338.13**

MATERIAL QUANTITIES

Initial Volume: 1,512
Swell factor: 1.215
Loose volume: **1,837** LCY

Source of estimated volume: Mining and Reclamation Plans
Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 70 feet
Unadjusted hourly production: 1,093.7 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: -5 %
Average site altitude: 6,520 feet

Material weight: 3,300 lbs/LCY

Weight description: Decomposed rock - 75% Rock, 25% Earth

Job Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.200	(SLOT)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)

Spoil pile:	0.900	(SSD-FC)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4702

Adjusted unit production: 514.26 LCY/hr
Adjusted fleet production: **514.26** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: $0.658/LCY

Total job time: **3.57** Hours
Total job cost: **$1,208**

REVEGETATION WORK

Task description: **Vegetation over 9.3 acres**

Site: **Becker Pit** Permit Action: 2025 Inspection Permit/Job#: M2020022

PROJECT IDENTIFICATION

Task #: 004 State: Colorado Abbreviation: None
Date: 5/23/2025 County: Huerfano Filename: 4
User: AMG

Agency or organization name: DRMS

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
13-13-13, 19-9-0	40.00	pound	$0.72	$28.84
			Total Fertilizer Materials Cost/Acre	**$28.84**

Application

Description	Cost /Acre
Tractor spreader (MEANS 32 91 13.16 0950)	$30.93
Total Fertilizer Application Cost/Acre	**$30.93**

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Lovington	0.50	8.16	$13.88
Sideoats Grama - Vaughn	6.50	21.34	$159.84
Western Wheatgrass - Arriba	10.00	25.25	$90.34
Wheat, Winter - Tam 107	25.00	22.96	$13.51
Totals Seed Mix	42.00	77.71	**$277.57**

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	$236.64
Total Seed Application Cost/Acre	**$236.64**

JOB TIME AND COST

No. of Acres:	9.3	Cost /Acre:	$573.98
Estimated Failure Rate:	33%	Cost /Acre*:	$514.21
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	**$5,338.01**
Reseeding Job Cost:	**$1,578.11**
Total Job Cost:	**$6,916**
Job Hours:	**9.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: **Mobilization**

Site: **Becker Pit** Permit Action: 2025 Inspection Permit/Job#: M2020022

PROJECT IDENTIFICATION

Task #: 005 State: Colorado Abbreviation: None
Date: 6/1/2025 County: Huerfano Filename: M022-005
User: AMG

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
Cat D8T - 8SU	53.08	$187.85	$125.64	1	$313.49	$125.64	$250.00
CAT 14M	23.57	$135.56	$59.44	1	$195.00	$59.44	$250.00
Drill/Broadcast Seeder with Tractor	25.00	$41.02	$59.44	2	$200.92	$118.88	$500.00
Subtotals:					**$709.41**	**$303.96**	**$1,000.00**

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, 3,500 Gal.	$53.90	1	$53.90	$53.90
Subtotals:			**$78.50**	**$78.50**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	COLORADO CITY	
Total one-way travel distance:	4.30	miles
Average Travel Speed:	45.00	mph

Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	$4,321.90
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	$15.00

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.10	0.10
Return Time (Hours):	0.10	0.10
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.69	0.19

JOB TIME AND COST

Total job time:	**3.38**	Hours
Total job cost:	**$4,337**	