




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: Cerise Mine		MINE/PROSPECTING ID#: M-2010-058		MINERAL: Sand and gravel and	COUNTY: Garfield
INSPECTION TYPE: Monitoring		WEATHER: Clear		INSP. DATE: May 27, 2025	INSP. TIME: 12:00
OPERATOR: Oldcastle SW Group, Inc. dba United Compas County		OPERATOR REPRESENTATIVE: Jesse Farmer		TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program		BOND CALCULATION TYPE: Complete Bond		BOND AMOUNT: \$911,971.00	
DATE OF COMPLAINT: NA		POST INSP. CONTACTS: None		JOINT INSP. AGENCY: None	
INSPECTOR(S): Todd Jesse		INSPECTOR'S SIGNATURE: 		SIGNATURE DATE: June 25, 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----- <u>N</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

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

OBSERVATIONS

This inspection report was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining, and Safety's Active Mines Program. The Sievers Pit is a 112c Operation operated by Oldcastle SW Group, Inc. dba United Companies of Mesa County. The site is located 1 mile northeast of Carbondale, CO at an elevation of approximately 6,300 feet. Public access is controlled by a gate off Crystal Spring Rd. Jesse Farmer of Oldcastle was present during the inspection.

Financial Warranty:

The Division currently holds a financial warranty in the amount of \$911,971.00. The last bond calculation was done in 2021 under Technical Revision 2. In an effort to ensure the financial warranty remains adequate to reclaim this site per the requirements of the approved reclamation plan, DRMS has updated the Reclamation Cost Estimate. The updated estimate is attached to this inspection report. Calculations estimate the cost of reclamation to be \$1,313,826. This is an increase of \$401,855 over the current surety of \$911,971 held by the Division. A Notice of Surety Increase will be sent under a separate cover once the operator has had the opportunity to review the estimate and dispute any calculations.

Hydrologic Balance:

No groundwater is exposed on site. Tailwater from neighboring property is captured in a pond along the southern boundary. Hydrocarbons are stored in secondary containment. No spills were noted during the inspection.

Gen. Compliance With Mine Plan:

A scale and office are located near the entrance to the site. Product stockpiles are stored near the scale. Mining is occurring on the western reaches of the permit.

Signs and Markers:

The mine identification sign and boundary markers are in place and in compliance with Rule 3.1.12. The sign is posted by the entrance to site. The permit boundary is marked with fence line and posts that are easily identifiable.

Topsoil:

Topsoil is stockpiled along the southeastern boundary. Sufficient topsoil is on site to complete reclamation.

Photos that show site conditions can be found at the end of the report.

All responses to this report should be directed to Todd Jesse with the Division's Active Mines Program at DRMS, Room 215, 1001 E. 62nd Ave. Denver, CO 80216. Direct contact can be made at the Division's Grand Junction Field Office, by phone at (720) 688-0626 or by email at todd.jesse@state.co.us.

PHOTOGRAPHS



Photo 1: View to the south of mine ID sign at entrance to site.



Photo 2: View to the northeast of product stockpiles and scale.



Photo 3: View to the south of topsoil stockpile



Photo 4: View to the west of mining area.

Inspection Contact Address

Jesse Farmer
Oldcastle SW Group, Inc. dba United Companies of Mesa County
2273 River Road
Grand Junction, CO 81502

Enclosure

CC:

COST SUMMARY WORK

Task description: _____

Site: Cerise Mine

Permit Action: 2025-06-25

Permit/Job#: M2010058

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 6/25/2025

County: Garfield

Filename: M058-000

User: TJ1

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Demo scale house	DEMOLISH	1	8.00	\$2,787
02a	Transport backfill from Phase 1C to Phase 1A	SCRAPER1	2	138.12	\$558,657
02b	Transport backfill from Phase 1C to Phase 1B	SCRAPER1	2	65.04	\$243,419
03a	Rip compacted areas	RIPPER	2	6.95	\$6,739
04a	Transport topsoil	SCRAPER1	2	20.70	\$83,641
04b	Finish grading transported topsoil	DOZER	4	7.83	\$14,284
05a	Hay seed mix- Table L-1	REVEGE	1	50.00	\$106,941
05b	Native seed mix- Table L-1	REVEGE	1	15.00	\$25,945
06a	Initial mobilize reclamation crew/equipment	MOBILIZE	1	2.88	\$11,824
06b	Secondary mobilize reclamation crew/equipment	MOBILIZE	1	2.88	\$1,574
<u>SUBTOTALS:</u>				317.4	\$1,055,811

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$21,327
Performance bond:	1.05	Total =	\$11,086
Job superintendent:	105.00	Total =	\$8,323
Profit:	10.00	Total =	\$105,581

TOTAL O & P = \$146,318

CONTRACT AMOUNT (direct + O & P) = \$1,202,129

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$500	Total =	\$500
Engineering work and/or contract/bid preparation:	4.25	Total =	\$51,090
Reclamation management and/or administration:	5.00		\$60,106

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$258,015

TOTAL BOND AMOUNT (direct + indirect) = \$1,313,826

DEMOLITION WORK

Task description: **Demo scale house**

Site: **Cerise Mine**

Permit Action: 2025-06-25

Permit/Job#: M2010058

PROJECT IDENTIFICATION

Task #: 01A

State: Colorado

Abbreviation: None

Date: 6/25/2025

County: Garfield

Filename: M058-01a

User: TJ1

Agency or organization name: DRMS

UNIT COSTS

Location adjustment: 102.20 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Scale house	45 x12 x 12	Bldg. (SN) demo./off-site disposal in approved landfill - Max. 15 mile haul	6,480.00	CF	\$0.42	\$2,727.43

Job Hours: **8.00**

Subtotal
(unadjusted): **\$2,727.43**

Total Cost
(adjusted for location): **\$2,787.43**

SCRAPER TEAM WORKTask description: **Transport backfill from Phase 1C to Phase 1A**Site: **Cerise Mine**Permit Action: 2025-06-25Permit/Job#: M2010058**PROJECT IDENTIFICATION**Task #: 02AState: ColoradoAbbreviation: NoneDate: 6/25/2025County: GarfieldFilename: M058-02aUser: TJ1Agency or organization name: DRMS**HOURLY EQUIPMENT**COSTShift basis: 1 per day

	Equipment Description
-Scraper:	Cat 637G w/push-pull
-Dozer:	Cat D9T - 9SU
Support Equipment -Load Area:	Cat D9T - 9SU
-Dump Area:	Cat D9T - 9SU
Road Maintenance -Motor Grader:	CAT 14M
-Water Truck:	Water Tanker, 7,000 Gal.

Cost Breakdown:

	Scraper Work Team		Support Equipment		Maintenance Equipment	
	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	35	70	30	30
Ownership cost/hour:	\$281.32	\$253.16	\$253.16	\$253.16	\$129.81	\$73.42
Operating cost/hour:	\$319.35	\$164.35	\$57.52	\$115.05	\$26.74	\$24.96
%Utilization-ripper:	NA	NA	50	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	\$18.79	\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA	\$0.00	\$4.74	\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$30.90	\$38.59	\$38.59	\$38.59	\$27.76	\$0.00
Unit Subtotals:	\$631.57	\$456.10	\$372.80	\$406.79	\$184.31	\$98.38
Number of Units:	4	1	1	1	1	1
Group Subtotals:	Work:	\$2,982.38	Support:	\$779.59	Maint:	\$282.69

Total work team cost/hour: **\$4,044.66****MATERIAL QUANTITIES**Initial volume: 236,192

CCY

Swell factor: 1.270Loose volume: **299,964**

LCY

Source of estimated volume: TR-2 Table L-1Source of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Scraper Bowl (volume) Basis:

Material weight:	<u>2,700 lbs/LCY</u>	Struck Volume:	<u>24.00</u>	LCY
Material description:	<u>Earth - Wet excavated</u>	Heaped Volume:	<u>34.00</u>	LCY
Rated Payload:	<u>81,600 pounds</u>	Average Volume:	<u>29.00</u>	LCY
Payload Capacity:	<u>30.22 LCY</u>	Adjusted Capacity:	<u>29.00</u>	LCY

Cycle Time:Scraper Loading Time: 1.00 MinutesManeuver and Spread Time: 0.60 MinutesJob Condition Correction:

Site Altitude: 6300 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	850.00	4.00	3.00	7.00	1362	0.70

Haul Time: 0.70 minutesReturn Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	850.00	-4.00	3.00	-1.00	2972	0.36

Return Time: 0.36 minutesTotal Scraper team cycle time: 2.66 minutesAdjusted for job conditions: 1,085.86 LCY/HourSelected Number of Scrapers: 2 Scraper(s)Adjusted single scraper team (unit) hourly production: 1,085.86 LCY/HourAdjusted multiple scraper team (fleet) hourly production: 2,171.73 LCY/HourUnadjusted unit production/hour: 1,308.27 LCY/Hour

Optimal Number of Scrapers per push dozer: _____

JOB TIME AND COSTFleet size: 2 Team(s)Total job time: 138.12 HoursUnit cost: \$1.862 /LCYTotal job cost: \$558,657

SCRAPER TEAM WORKTask description: **Transport backfill from Phase 1C to Phase 1B**Site: **Cerise Mine**Permit Action: 2025-06-25Permit/Job#: M2010058**PROJECT IDENTIFICATION**Task #: 02BState: ColoradoAbbreviation: NoneDate: 6/25/2025County: GarfieldFilename: M058-02bUser: TJ1Agency or organization name: DRMS**HOURLY EQUIPMENT**COSTShift basis: 1 per day

	Equipment Description
-Scraper:	Cat 637G w/push-pull
-Dozer:	Cat D9T - 9SU
Support Equipment -Load Area:	OBSOLETE-Cat D8T - 8U
-Dump Area:	Cat D9T - 9SU
Road Maintenance -Motor Grader:	CAT 14M
-Water Truck:	Water Tanker, 7,000 Gal.

Cost Breakdown:**Scraper Work Team****Support Equipment****Maintenance Equipment**

	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	30	70	30	30
Ownership cost/hour:	\$281.32	\$253.16	\$10.00	\$253.16	\$129.81	\$73.42
Operating cost/hour:	\$319.35	\$164.35	\$3.00	\$115.05	\$26.74	\$24.96
%Utilization-ripper:	NA	NA	55	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	\$14.53	\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA	\$0.00	\$4.37	\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$30.90	\$38.59	\$38.59	\$38.59	\$27.76	\$0.00
Unit Subtotals:	\$631.57	\$456.10	\$70.49	\$406.79	\$184.31	\$98.38
Number of Units:	4	1	1	1	1	1
Group Subtotals:	Work:	\$2,982.38	Support:	\$477.28	Maint:	\$282.69

Total work team cost/hour: **\$3,742.35****MATERIAL QUANTITIES**Initial volume: 138,904

CCY

Swell factor: 1.270Loose volume: **176,408**

LCY

Source of estimated volume: TR-2 Table L-1Source of estimated swell factor: Cat Handbook**HOURLY PRODUCTION****Scraper Bowl (volume) Basis:**

Material weight: 2,700 lbs/LCY
 Material description: Earth - Wet excavated
 Rated Payload: 81,600 pounds
 Payload Capacity: 30.22 LCY

Struck Volume: 24.00 LCY
 Heaped Volume: 34.00 LCY
 Average Volume: 29.00 LCY
 Adjusted Capacity: **29.00** LCY

Cycle Time:Scraper Loading Time: 1.00 MinutesManeuver and Spread Time: 0.60 MinutesJob Condition Correction:

Site Altitude: 6300 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	375.00	4.00	3.00	7.00	1362	0.35

Haul Time: 0.35 minutesReturn Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	375.00	-4.00	3.00	-1.00	2972	0.18

Return Time: 0.18 minutesTotal Scraper team cycle time: 2.13 minutesAdjusted for job conditions: 1,356.06 LCY/HourSelected Number of Scrapers: 2 Scraper(s)Adjusted single scraper team (unit) hourly production: 1,356.06 LCY/HourAdjusted multiple scraper team (fleet) hourly production: 2,712.11 LCY/HourUnadjusted unit production/hour: 1,633.80 LCY/Hour

Optimal Number of Scrapers per push dozer: _____

JOB TIME AND COSTFleet size: 2 Team(s)Total job time: 65.04 HoursUnit cost: \$1.380 /LCYTotal job cost: \$243,419

BULLDOZER RIPPING WORK

Task description: Rip compacted areas

Site: Cerise Mine Permit Action: 2025-06-25 Permit/Job#: M2010058

PROJECT IDENTIFICATION

Task #: 03A State: Colorado Abbreviation: None
Date: 6/25/2025 County: Garfield Filename: M058-03a
User: TJ1

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D9T - 9SU Horsepower: 405
Ripper Attachment: 3-Shank Ripper Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	<u>\$253.16</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$164.35</u>	<u>100</u>
Ripper Ownership Cost/Hour:	<u>\$18.79</u>	<u>NA</u>
Ripper Operating Cost/Hour:	<u>\$9.48</u>	<u>100</u>
Operator Cost/Hour:	<u>\$38.59</u>	<u>NA</u>
Total Unit Cost/Hour:	<u>\$484.37</u>	
Total Fleet Cost/Hour:	<u>\$968.73</u>	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 8.80 acres Rip Depth (ft): 1.00 Volume: 14,197 BCY or CCY

Source of estimated quantity: TR-2 Table L-1

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth:	<u>2.63</u>	<u>feet/pass</u>
Average Ripping Width:	<u>7.67</u>	<u>feet/pass</u>
Average Ripping Length:	<u>100.00</u>	<u>feet/pass</u>
Average Dozer Speed:	<u>88.00</u>	<u>feet/minute</u>
Average Maneuver Time:	<u>0.25</u>	<u>minutes/pass</u>
Production per unit area:	<u>0.762</u>	<u>acres/hour</u>

Job Condition Correction Factors

Unadjusted Hourly Unit Production:	<u>0.762</u>	<u>Acres/hr</u>
Site Altitude:	<u>6,300</u>	<u>feet</u>
Altitude Adj:	<u>1.00</u>	<u>(CAT HB)</u>
Job Efficiency:	<u>0.83</u>	<u>(1 shift/day)</u>
Net Correction:	<u>0.83</u>	<u>multiplier</u>

Adjusted Hourly Unit Production: 0.63 Acres/hr
Adjusted Hourly Fleet Production: 1.26 Acres/hr

JOB TIME AND COST

Fleet size: 2 Grader(s) Total job time: 6.96 Hours

Unit cost: \$765.804 Per acre Total job cost: \$6,739

SCRAPER TEAM WORKTask description: Transport topsoilSite: Cerise MinePermit Action: 2025-06-25Permit/Job#: M2010058**PROJECT IDENTIFICATION**Task #: 04AState: ColoradoAbbreviation: NoneDate: 6/25/2025County: GarfieldFilename: M058-04aUser: TJ1Agency or organization name: DRMS**HOURLY EQUIPMENT**COSTShift basis: 1 per day

	Equipment Description
-Scraper:	Cat 637G w/push-pull
-Dozer:	Cat D9T - 9SU
Support Equipment -Load Area:	Cat D9T - 9SU
-Dump Area:	Cat D9T - 9SU
Road Maintenance -Motor Grader:	CAT 14M
-Water Truck:	Water Tanker, 7,000 Gal.

Cost Breakdown:

	Scraper Work Team		Support Equipment		Maintenance Equipment	
	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	30	70	35	30
Ownership cost/hour:	\$281.32	\$253.16	\$253.16	\$253.16	\$129.81	\$73.42
Operating cost/hour:	\$319.35	\$164.35	\$49.31	\$115.05	\$31.20	\$24.96
%Utilization-ripper:	NA	NA	50	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	\$18.79	\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA	\$0.00	\$4.74	\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$30.90	\$38.59	\$38.59	\$38.59	\$27.76	\$0.00
Unit Subtotals:	\$631.57	\$456.10	\$364.58	\$406.79	\$188.77	\$98.38
Number of Units:	4	1	1	1	1	1
Group Subtotals:	Work:	\$2,982.38	Support:	\$771.37	Maint:	\$287.15

Total work team cost/hour: \$4,040.90**MATERIAL QUANTITIES**Initial volume: 40,333

CCY

Swell factor: 1.215Loose volume: 49,005

LCY

Source of estimated volume: TR-2 Table L-1 29 ac @ 12"Source of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**

Scraper Bowl (volume) Basis:

Material weight:	<u>1,600 lbs/LCY</u>	Struck Volume:	<u>24.00</u>	LCY
Material description:	<u>Top Soil</u>	Heaped Volume:	<u>34.00</u>	LCY
Rated Payload:	<u>81,600 pounds</u>	Average Volume:	<u>29.00</u>	LCY
Payload Capacity:	<u>51.00 LCY</u>	Adjusted Capacity:	<u>29.00</u>	LCY

Cycle Time:Scraper Loading Time: 1.00 MinutesManeuver and Spread Time: 0.60 MinutesJob Condition Correction:

Site Altitude: 6300 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	675.00	4.00	3.00	7.00	1362	0.55

Haul Time: 0.55 minutesReturn Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	675.00	-4.00	3.00	-1.00	2972	0.29

Return Time: 0.29 minutesTotal Scraper team cycle time: 2.44 minutesAdjusted for job conditions: 1,183.77 LCY/HourSelected Number of Scrapers: 2 Scraper(s)Adjusted single scraper team (unit) hourly production: 1,183.77 LCY/HourAdjusted multiple scraper team (fleet) hourly production: 2,367.54 LCY/HourUnadjusted unit production/hour: 1,426.23 LCY/Hour

Optimal Number of Scrapers per push dozer: _____

JOB TIME AND COSTFleet size: 2 Team(s)Total job time: 20.70 HoursUnit cost: \$1.707 /LCYTotal job cost: \$83,641

REVEGETATION WORKTask description: **Hay seed mix- Table L-1**Site: **Cerise Mine**Permit Action: 2025-06-25Permit/Job#: M2010058**PROJECT IDENTIFICATION**Task #: 05AState: ColoradoAbbreviation: NoneDate: 6/25/2025County: GarfieldFilename: M058-05aUser: TJ1Agency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
0-20-20, 4-8-12, 10-10-10	40.00	pound	\$0.64	\$25.54
			Total Fertilizer Materials Cost/Acre	\$25.54

Application

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$43.12
Total Fertilizer Application Cost/Acre	\$43.12

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.61
Total Tilling Cost/Acre	\$117.61

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Native	4.50	73.45	\$95.96
Western Wheatgrass - Rosanna	15.00	37.88	\$131.62
Sleepygrass	1.50	6.03	\$55.61
Basin Wildrye - Trailhead	9.00	36.57	\$117.13
Totals Seed Mix	30.00	153.93	\$400.33

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$236.64

	Total Seed Application Cost/Acre	\$236.64
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MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
Total Mulch Materials Cost/Acre				\$989.69

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$85.37
Power mulcher (MEANS 32 91 13.16 0350)	\$157.25
Weed spray, truck, non-aquatic area, nox. [DMG]	\$83.26
Total Mulch Application Cost/Acre	\$325.89

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:	40	Cost /Acre:	\$2,138.82
Estimated Failure Rate:	25%	Cost /Acre*:	\$2,138.82
*Selected Replanting Work Items:	FERTILIZING,TILLING,SEEDING,MU LCHING		
Initial Job Cost:	\$85,552.80		
Reseeding Job Cost:	\$21,388.20		
Total Job Cost:	\$106,941		
Job Hours:	50.00		

REVEGETATION WORKTask description: Native seed mix- Table L-1Site: Cerise MinePermit Action: 2025-06-25Permit/Job#: M2010058**PROJECT IDENTIFICATION**Task #: 05BState: ColoradoAbbreviation: NoneDate: 6/25/2025County: GarfieldFilename: M058-05bUser: TJ1Agency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
0-20-20, 4-8-12, 10-10-10	40.00	pound	\$0.64	\$25.54
			Total Fertilizer Materials Cost/Acre	\$25.54

Application

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$43.12
Total Fertilizer Application Cost/Acre	\$43.12

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.61
Total Tilling Cost/Acre	\$117.61

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Bluebunch Wheatgrass - Secar	3.00	9.64	\$31.54
Blue Grama - Native	4.50	73.45	\$95.96
Indian Ricegrass - Native	3.00	9.71	\$51.88
Slender Wheatgrass - Native	7.50	27.38	\$52.99
Needlegrass, Green - Lodorm	4.50	18.70	\$38.90
Western Wheatgrass - Rosanna	7.50	18.94	\$65.81
Totals Seed Mix	30.00	157.82	\$337.08

Application

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

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
Total Mulch Materials Cost/Acre				\$989.69

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$85.37
Power mulcher (MEANS 32 91 13.16 0350)	\$157.25
Weed spray, truck, non-aquatic area, nox. [DMG]	\$83.26
Total Mulch Application Cost/Acre	\$325.89

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: 10 Cost /Acre: \$2,075.57
 Estimated Failure Rate: 25% Cost /Acre*: \$2,075.57
 *Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,MU
LCHING

Initial Job Cost: \$20,755.70
 Reseeding Job Cost: \$5,188.93
 Total Job Cost: \$25,945
 Job Hours: 15.00

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Initial mobilize reclamation crew/equipmentSite: Cerise MinePermit Action: 2025-06-25Permit/Job#: M2010058**PROJECT IDENTIFICATION**Task #: 06AState: ColoradoAbbreviation: NoneDate: 6/25/2025County: GarfieldFilename: M058-06aUser: TJ1Agency or organization name: DRMS**EQUIPMENT TRANSPORT RIG COST**Shift basis: 1 per dayCost Data Source: CRG DataTruck 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 637G w/push-pull	59.59	\$281.32	\$125.64	2	\$813.92	\$251.28	\$500.00
Cat D9T - 9SU	66.13	\$271.95	\$125.64	4	\$1,590.36	\$502.56	\$500.00
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	1	\$100.46	\$59.44	\$250.00
CAT 14M	23.57	\$135.56	\$59.44	1	\$195.00	\$59.44	\$250.00
Water Tanker, 7,000 Gal.	29.65	\$73.42	\$122.78	1	\$196.20	\$122.78	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00

Subtotals: **\$2,982.59** **\$1,054.94** **\$2,000.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 15K GVW	\$86.38	1	\$86.38	\$86.38
Light Duty Pickup, 4x4, 3/4 T.	\$57.91	1	\$57.91	\$57.91

Subtotals: **\$144.29** **\$144.29**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	<u>GLENWOOD SPRINGS</u>	
Total one-way travel distance:	<u>10.00</u>	miles
Average Travel Speed:	<u>45.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$11,759.64</u>
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 ** two round trips with haul rig:

Total Roadable Mob/Demob Cost **	<u>\$64.13</u>
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 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.22</u>	<u>0.22</u>
Return Time (Hours):	<u>0.22</u>	<u>0.22</u>
Loading Time (Hours):	<u>0.50</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.50</u>	<u>NA</u>
Subtotals:	<u>1.44</u>	<u>0.44</u>

JOB TIME AND COST

Total job time:	<u>2.89</u>	Hours
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Total job cost:	<u>\$11,824</u>
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EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Secondary mobilize reclamation crew/equipmentSite: Cerise MinePermit Action: 2025-06-25Permit/Job#: M2010058**PROJECT IDENTIFICATION**Task #: 06BState: ColoradoAbbreviation: NoneDate: 6/25/2025County: GarfieldFilename: M058-06bUser: TJ1Agency or organization name: DRMS**EQUIPMENT TRANSPORT RIG COST**Shift basis: 1 per dayCost Data Source: CRG DataTruck 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
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	1	\$100.46	\$59.44	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00
Subtotals:					\$187.11	\$118.88	\$500.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 15K GVW	\$86.38	1	\$86.38	\$86.38
Light Duty Pickup, 4x4, 3/4 T.	\$57.91	1	\$57.91	\$57.91
Subtotals:			\$144.29	\$144.29

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	<u>GLENWOOD SPRINGS</u>	
Total one-way travel distance:	<u>10.00</u>	miles
Average Travel Speed:	<u>45.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$1,510.22</u>
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	<u>\$64.13</u>
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.22</u>	<u>0.22</u>
Return Time (Hours):	<u>0.22</u>	<u>0.22</u>
Loading Time (Hours):	<u>0.50</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.50</u>	<u>NA</u>
Subtotals:	<u>1.44</u>	<u>0.44</u>

JOB TIME AND COST

Total job time: 2.89 Hours

Total job cost: \$1,574