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: Maverick Placer	**MINE/PROSPECTING ID#:** M-1979-206	**MINERAL:** Anhydrite, gypsum and	**COUNTY:** Fremont
INSPECTION TYPE: Monitoring	**WEATHER:** Clear	**INSP. DATE:** January 30, 2025	**INSP. TIME:** 09:00
OPERATOR: U S Soil Conditioning Company	**OPERATOR REPRESENTATIVE:** Mr. Joel Lionelle	**TYPE OF OPERATION:** 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	**BOND CALCULATION TYPE:** Complete Bond	**BOND AMOUNT:** $32,500.00
DATE OF COMPLAINT: NA	**POST INSP. CONTACTS:** None	**JOINT INSP. AGENCY:** None
INSPECTOR(S): Jocelyn Carter	**INSPECTOR'S SIGNATURE:**	**SIGNATURE DATE:** March 3, 2025

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Availability Of Records
PROBLEM #1: The Division does not have a complete record reflecting the mapped boundaries of the permit and affected area (Exhibit C). This problem was originally cited from the November 7, 2019, inspection but the required Technical Revision was never submitted.
CORRECTIVE ACTIONS: Submit a Technical Revision and the $216 fee to include a complete record of the permit and affected area boundary depicting the unreleased Plant Area, Quarry Area, and 800-foot abandoned haul road area by the corrective action due date.
CORRECTIVE ACTION DUE DATE: April 2, 2025

INSPECTION TOPIC: Financial Warranty
PROBLEM #2: The financial warranty is not adequate to reclaim the site in accordance with the approved reclamation plan. This is a failure to maintain the proper financial warranty amount to complete reclamation of the affected lands pursuant to C.R.S. 34-32.5-117(4)(b) of the Act.
CORRECTIVE ACTIONS: The operator shall review the proposed adequate financial warranty, as determined by the Division. Any comments regarding the calculated adequate financial warranty shall be provided to the Division by the corrective action date. The operator may also commit to submitting updated reclamation plans with the required Technical Revision for Problem #1 and the Division will recalculate the required financial warranty with that information. If no comments are provided or a commitment to updating the reclamation plan by the corrective action date below, the Division will send a separate surety increase notice to the operator

regarding the increase of the financial warranty. The operator will have 60 days from the date on the surety increase notice to post the additional financial warranty.
CORRECTIVE ACTION DUE DATE: March 19, 2025

OBSERVATIONS

The Maverick Placer inspection was conducted by me, Jocelyn Carter, on behalf of the Division of Reclamation, Mining, and Safety (Division/DRMS). Mr. Joel Lionelle was present for the inspection on behalf of the permittee, US Soil Conditioning Company. The weather at the time of the inspection was clear with cool temperatures. There was a light snow event that had occurred the night before, leaving a light dusting of snow on portions of the ground for the inspection.

Maverick Placer is a 112c operation, permitted for 37.0 acres, extracting anhydrite gypsum and evaporites for the purpose of manufacturing soil conditioning materials. The mine site is located in Fremont County and is approximately 6 miles east of the town of Salida. The site is associated with a processing facility located at 560 County Road 7, Salida, Colorado, approximately 2 miles south of the quarry site. The target layer is below a layer of overburden that varies between 15 and 40 feet, while the mineable material extends an additional 160 to 185 feet further below the surface. The post mine land use for the permit is recreation and wildlife habitat.

Mining activities were not taking place at the time of the inspection. The mining method utilized at the site is blasting; the quarry walls are blasted and the fragmented gypsite material is then stockpiled. According to Mr. Lionelle, the past activities on site have consisted of removing material from a product stockpile situated in the center of the pit floor to the processing facility. Recent issues with equipment at the facility has slowed the frequency at which material is moved for processing. A few scraps of blue tarp were observed on the stockpile and on an older stockpile located on the west side at the foot of the quarry wall. The tarp had been used to protect the material from the elements but has since been torn up by high winds. Mr. Lionelle stated he would have the scraps cleaned up as soon as possible.

There are two problems being cited in this report, one is for a records issue, and another is for an inadequate financial warranty. Details of the issues are given below, and details of the required corrective actions are outlined above; see Problems #1 and #2.

Photos taken during the inspection are given in this report and the Division's reclamation cost estimate (RCE) is attached to this report. Questions regarding this inspection should be directed to me by email at Jocelyn.carter@state.so.us or by phone at (720) 666-1065.

Records
The operation is up to date on their annual report, map, and fees. There are no open enforcement issues with this permit. The last inspection by the Division was conducted on November 7, 2019. A problem was cited because the Division does not have a complete record reflecting the mapped boundaries of the permit and affected area. A problem was cited at the time of the inspection, requiring a Technical Revision be submitted to the Division proving the information to complete the permit file record. The problem was not addressed by the required corrective action date given in the inspection report issued on December 1, 2020. The problem is being addressed again here with a new corrective action date. Please see Problem #1 above for the required corrective action.

Hydrological Balance
There does not appear to be a disruption to the hydrologic balance in the area.

Processing Waste/Tailings
Processing waste is not associated with this operation. Gypsite is blasted from the quarry area, stockpiled on the pit floor, and then moved to the processing plant located about 2 miles south.

General Mine Plan Compliance
The operation appeared to be following the approved mining plan.

Signs and Markers
The permit sign was posted at the gate entrance of the quarry in accordance with Rule 3.1.12(1), see Photo #1. The permit boundary markers were not verified during the site inspection.

Overburden/Developed Waste
The overburden and topsoil materials are stored on the northeast and northwest sides of the quarry. Overburden material appeared to be stable with no erosional issues.

Acid or Toxic Materials
There are no acid or toxic materials associated with this operation.

Financial Warranty
The currently held financial warranty for this permit is $32,500. An updated reclamation cost estimate (RCE) was calculated by the Division as part of this inspection. The calculated required financial warranty is $140,070.00; the calculated RCE is attached with this inspection. A problem has been cited for an inadequate financial warranty, see Problem #2 above for the corrective action details.

Backfill & Grading
There are no areas that have been backfilled or graded within the permit.

Processing Facilities
There is a processing facility associated with this operation located about 2 miles south of the quarry on County Road 7. The processing facility is not within the permitted area but appeared to be in good condition.

Fish & Wildlife
There was no evidence of the operation negatively impacting wildlife in the area.

Erosion/Sedimentation
There were no issues observed with erosion and sedimentation observed in the area.

Roads
The road between the processing plant and the quarry appeared to be in good condition and is not a source of siltation in the nearby areas.

Explosives
Blasting does occur at the site; it is contracted out to a third party. According to Mr. Lionelle, the last time the quarry was blasted was in October 2024. Materials and equipment for blasting the material are not kept on the permitted area.

Topsoil
The overburden and topsoil material are stored on the northeast and northwest sides of the quarry. Topsoil

material appeared to be stable with no erosional issues.

Revegetation
Noxious weeds were not observed on the permitted area during the inspection.

PHOTOGRAPHS

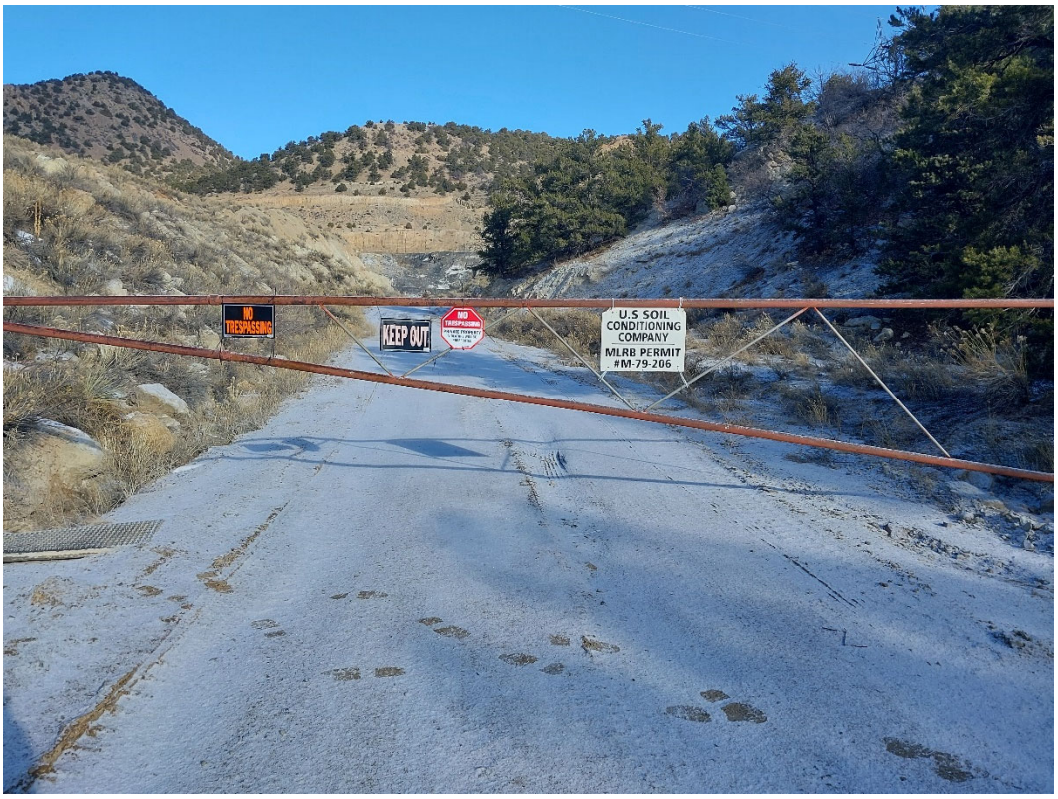

Photo #1: Mine sign posted at the gate entrance of the quarry in accordance with Rule 3.1.12(1).

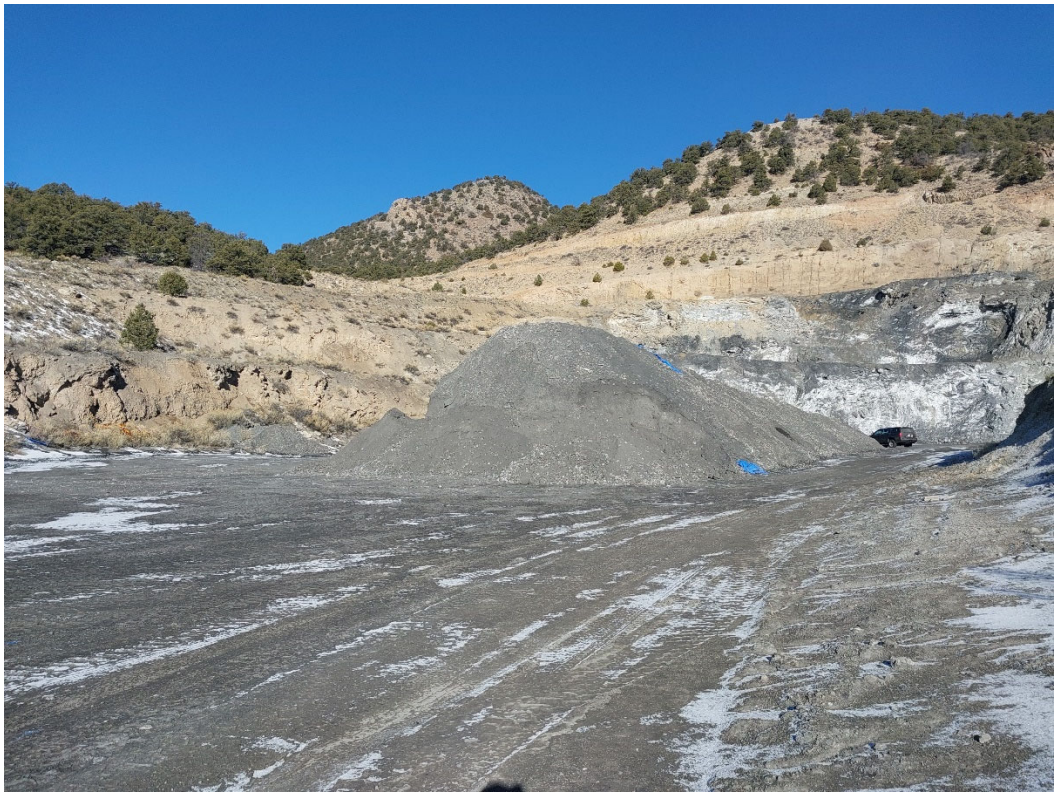

Photo #2: View of the quarry, looking northwest. A stockpile of product material can be seen in the center of the photo. Pieces of a blue tarp can be seen on the side slopes of the stockpile.

Photo #3: View of the quarry, looking northeast. A stockpile of product material can be seen in the center of the photo.

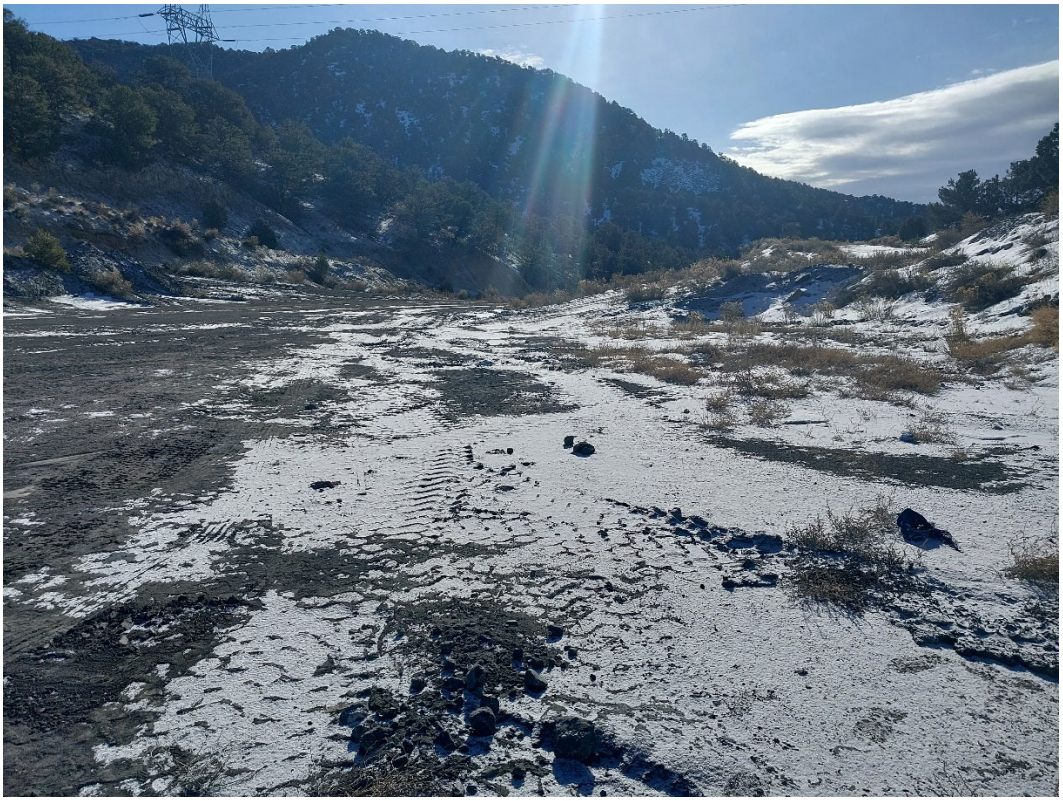

Photo #4: View of the road, looking south-southeast from the quarry.

Photo #5: View of the highwall of the quarry, looking to the north.

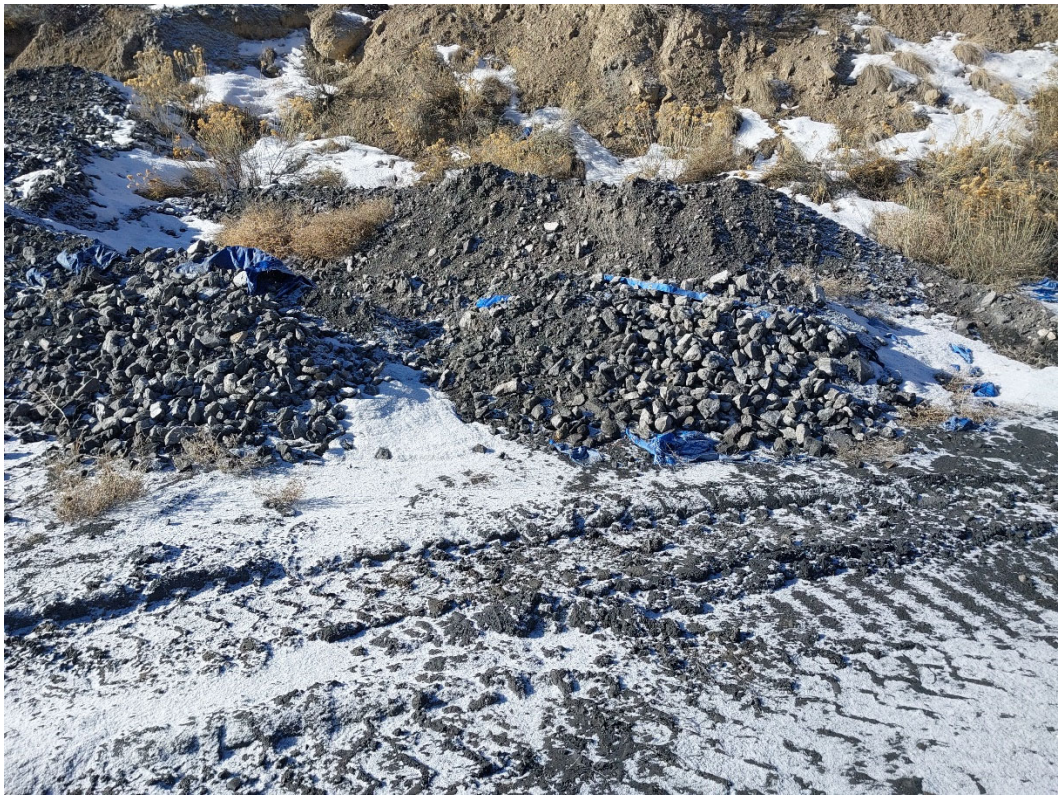

Photo #6: Pieces of blue tarp on remanence of previous product material viewed at the base of the western edge of the pit floor.

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

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

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

Inspection Contact Address
Mr. Joel Lionelle
U S Soil Conditioning Company
P.O. Box 926
Salida, CO 81201

Enclosure Division's Reclamation Cost Estimate

CC: Amy Eschberger, DRMS

COST SUMMARY WORK

Task description: **Cost Summary**

Site: **Maverick Placer** Permit Action: 2025 Inspection Permit/Job#: M1979206

PROJECT IDENTIFICATION

Task #: 000 State: Colorado Abbreviation: None
Date: 2/28/2025 County: Fremont Filename: M206-000
User: JLC

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Shape & Blend Zone I	DOZER	1	50.18	$16,138
002	Spread Topsoil on Benches Zone II	DOZER	1	13.06	$4,200
003	Haul Topsoil to Zone II	TRUCK1	1	23.22	$19,927
004	Reveg 19.8 Acres	REVEGE	1	40.00	$60,168
005	Mob/Demob	MOBILIZE	1	4.80	$8,356
		SUBTOTALS:		**131.26**	**$108,789**

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	$2,198
Performance bond:	1.05	Total =	$1,142
Job superintendent:	65.63	Total =	$5,202
Profit:	10.00	Total =	$10,879
		TOTAL O & P =	$19,421
		CONTRACT AMOUNT (direct + O & P) =	$128,210

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	$0	Total =	$0
Engineering work and/or contract/bid preparation:	4.25	Total =	$5,449
Reclamation management and/or administration:	5.00		$6,411
CONTINGENCY:	0.00	Total =	$0
		TOTAL INDIRECT COST =	$31,281
		TOTAL BOND AMOUNT (direct + indirect) =	**$140,070**

BULLDOZER WORK

Task description: **Shape & Blend Zone I**

Site: **Maverick Placer** Permit Action: 2025 Inspection Permit/Job#: M1979206

PROJECT IDENTIFICATION

Task #: 001 State: Colorado Abbreviation: None
Date: 2/28/2025 County: Fremont Filename: M206-001
User: JLC

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU
Horsepower: 310
Blade Type: Semi-Universal
Attachment: NA
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:	$0.00	NA
Ripper op. Cost/Hour:	$0.00	0
Operator Cost/Hour:	$38.59	NA

Total unit Cost/Hour: $321.62
Total Fleet Cost/Hour: **$321.62**

MATERIAL QUANTITIES

Initial Volume: 10,700
Swell factor: 1.125
Loose volume: **12,038** LCY

Source of estimated volume: Exhibit L - 50 hrs w/ Dozer
Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 150 feet
Unadjusted hourly production: 634.3 LCY/hr

Materials consistency description: Consolidated stockpile 1.0

Average push gradient: 0 %
Average site altitude: 7,600 feet

Material weight: 2,650 lbs/LCY

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

Job Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	1.000	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3782

Adjusted unit production: 239.89 LCY/hr
Adjusted fleet production: **239.89** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: $1.341/LCY

Total job time: **50.18** Hours
Total job cost: **$16,138**

BULLDOZER WORK

Task description: **Spread Topsoil on Benches Zone II**

Site: **Maverick Placer** Permit Action: 2025 Inspection Permit/Job#: M1979206

PROJECT IDENTIFICATION

Task #: 002 State: Colorado Abbreviation: None
Date: 2/28/2025 County: Fremont Filename: M206-002
User: JLC

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU
Horsepower: 310
Blade Type: Semi-Universal
Attachment: NA
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:	$0.00	NA
Ripper op. Cost/Hour:	$0.00	0
Operator Cost/Hour:	$38.59	NA

Total unit Cost/Hour: $321.62
Total Fleet Cost/Hour: **$321.62**

MATERIAL QUANTITIES

Initial Volume: 7,530
Swell factor: 1.125
Loose volume: **8,471** LCY

Source of estimated volume: Exhibit E - Zone II, 7 acres, 8" topsoil placed
Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 50 feet
Unadjusted hourly production: 1,400.0 LCY/hr

Materials consistency description: Consolidated stockpile 1.0

Average push gradient: -10 %
Average site altitude: 7,600 feet

Material weight: 2,650 lbs/LCY

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

Job Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	1.000	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4633

Adjusted unit production: 648.62 LCY/hr
Adjusted fleet production: **648.62** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: $0.496/LCY

Total job time: **13.06** Hours
Total job cost: **$4,200**

TRUCK/LOADER TEAMWORK

Task description: **Haul Topsoil to Zone II**

Site: **Maverick Placer** Permit Action: 2025 Inspection Permit/Job#: M1979206

PROJECT IDENTIFICATION

Task #: 003 State: Colorado Abbreviation: None
Date: 2/28/2025 County: Fremont Filename: M206-003
User: JLC

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Shift basis: 1 per day

	Equipment Description
Truck Loader Team -Truck:	Cat 725
-Loader:	CAT 966H
Support Equipment -Load Area:	NA
-Dump Area:	Cat D8T - 8SU
Road Maintenance –Motor Grader:	NA
-Water Truck:	NA

Cost Breakdown:

	Truck/Loader Team		Support Equipment		Maintenance Equipment	
	Truck	Loader	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	75	NA	75	NA	NA
Ownership cost/hour:	$119.08	$57.78	NA	$173.32	NA	NA
Operating cost/hour:	$72.97	$34.69	NA	$82.28	NA	NA
%Utilization-riper:	NA	0	NA	NA	NA	NA
Ripper own. cost/hour:	NA	$0.00	NA	$0.00	NA	NA
Ripper op. cost/hour:	NA	$0.00	NA	$0.00	NA	NA
Operator cost/hour:	$25.24	$36.85	NA	$38.59	NA	NA
Unit Subtotals:	$217.29	$129.32	NA	$294.19	NA	NA
Number of Units:	2	1	0	1	0	0
Group Subtotals:	Work:	$563.90	Support:	$294.19	Maint:	$0.00

Total work team cost/hour: **$858.09**

MATERIAL QUANTITIES

Initial volume: 7,530 CCY Swell factor: 1.125
Loose volume: **8,471** LCY

Source of estimated volume: Exhibit E - Zone II, 7 acres, 8” topsoil placed
Source of estimated swell factor: Cat Handbook
Material Purchase Cost: $0.00
Total Cost: $0.00

HOURLY PRODUCTION

Truck Capacity:

Truck Payload (weight) Basis:

Material weight: 2,650 Pounds/LCY
Description: Decomposed rock - 25% Rock, 75% Earth
Rated Payload: 52,000 Pounds
Payload Capacity: 19.62 LCY

Truck Bed (volume) Basis:

Struck Volume:	14.50	LCY
Heaped Volume:	18.70	LCY
Average Volume:	16.60	LCY
Adjusted Volume:	18.70	LCY

Final Truck Volume Based on Number of Loader Passes: **16.50** LCY

Loading Tool Capacity

Bucket Size Class: NA

Rated Capacity:	5.000	LCY (heaped)
Bucket Fill Factor:	1.100	Other - rock/dirt mixtures (100-120%) 1.100
Adjusted Capacity:	**5.500**	LCY

Job Condition Corrections: Site Altitude (ft.): 7600 feet

	Truck	Loader	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	**0.830**	**0.830**	

Loading Tool Cycle Time: Number of Loading Tool Passes Required to Fill Truck: 3 passes

Excavators and Front Shovels:

Machine Cycle Time vs. Job Condition Rating: NA
Selected Value within this Basic Rating: NA

Track Loaders – Material Description:

Cycle Time Elements (min.):

Load: NA Maneuver: NA Dump: 0.100

Wheel and Track Loaders - Unadjusted Basic Loader Cycle Time (load, dump, maneuver): 0.500 minutes

Cycle Time Factors		Factor (min.)	Source
Material:	Material up to 1/8" diameter 0.02	0.020	(Cat HB)
Stockpile:	No adjustment - factor not applicable 0.00	0.000	(Cat HB)
Truck Ownership:	Common ownership of trucks and loaders -0.04	-0.040	(Cat HB)
Operation:	Inconsistent operation 0.04	0.040	(Cat HB)
Dump Target:	Nominal target 0.00	0.000	(Cat HB)
	Net Cycle Time Adjustment:	0.020	minutes
	Adjusted Loader Cycle Time:	**0.520**	minutes
	Net Load Time per Truck:	**1.140**	minutes

Truck Cycle Time:

Truck Exchange Time:	0.50	Minutes	Adjusted for site altitude:	0.500	Minutes
Truck Load Time:	1.140	Minutes	Adjusted for site altitude:	1.140	Minutes
Truck Maneuver and Dump Time:	0.90	Minutes	Adjusted for site altitude:	0.900	Minutes

Truck Travel (Haul & Return) Time: Road Condition: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1500.00	-8.00	5.00	-3.00	3080	0.553

Haul Time: **0.553** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1500.00	8.00	5.00	13.00	1084	1.412

Return Time: **1.412** minutes
Total Truck Cycle Time: **4.505** minutes

Loading Tool unit Production 603.66 LCY/Hour Adjusted for job efficiency: 501.04 LCY/Hour

Truck Unit Production 219.76 LCY/Hour Adjusted for job efficiency: 182.40 LCY/Hour

Optimal No. of Trucks: 3 Truck(s) Selected Number of Trucks: 2 Truck(s)

Adjusted hourly truck team production: 364.79 LCY/Hour
Adjusted single truck/loader team production: 364.79 LCY/Hour
Adjusted multiple truck/loader team production: **364.79** LCY/Hour

JOB TIME AND COST

Fleet size: 1 Team(s) Total job time: **23.22** Hours

Unit cost: $2.352 /LCY Total job cost: **$19,927**

REVEGETATION WORK

Task description: **Reveg 19.8 Acres**

Site: **Maverick Placer** Permit Action: 2025 Inspection Permit/Job#: M1979206

PROJECT IDENTIFICATION

Task #: 004 State: Colorado Abbreviation: None
Date: 2/28/2025 County: Fremont Filename: M206-004
User: JLC

Agency or organization name: Exhibit L

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
10-34-0, 18-46-0, 5-10-5	500.00	pound	$0.51	$255.80
			Total Fertilizer Materials Cost/Acre	**$255.80**

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
Chisel plowing {DMG}	$102.41
Total Tilling Cost/Acre	**$102.41**

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Native	3.00	48.97	$63.98
Indian Ricegrass - Native	1.00	3.24	$17.29
Sand Dropseed	3.00	358.13	$39.03
Crested Wheatgrass - Fairway	8.00	36.73	$46.61
Bottlebrush Squirreltail	2.00	8.82	$50.81
Smooth Brome - Lincoln	6.00	19.97	$29.14
Mahogany, Mountain	1.00	1.35	$100.95
Sagebrush, Mountain or Big	0.50	26.40	$41.35
Totals Seed Mix	24.50	503.60	**$389.15**

Application

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
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	$492.78	$985.56
Total Mulch Materials Cost/Acre				**$985.56**

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	$85.37
Power mulcher (MEANS 32 91 13.16 0350)	$157.25
Total Mulch Application Cost/Acre	**$242.63**

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
Juniper, Rocky Mountain	15	Bare root seedling, 11-16 inch ht. (MEANS)	$2.74	$0.00	$41.10
Pine, Pinyon	15	Bare root seedling, 11-16 inch ht. (MEANS)	$2.74	$0.00	$41.10
Totals Nursery Stock Cost / Acre					**$82.20**

JOB TIME AND COST

No. of Acres: 19.8 Cost /Acre: $2,337.51
Estimated Failure Rate: 30% Cost /Acre*: $2,337.51
*Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,NURSERY,MULCHING

Initial Job Cost: **$46,282.70**
Reseeding Job Cost: **$13,884.81**
Total Job Cost: **$60,168**
Job Hours: **40.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: **Mob/Demob**

Site: **Maverick Placer** Permit Action: 2025 Inspection Permit/Job#: M1979206

PROJECT IDENTIFICATION

Task #: 005 State: Colorado Abbreviation: None
Date: 2/28/2025 County: Fremont Filename: M206-005
User: JLC

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	47.71	$173.32	$122.78	1	$296.10	$122.78	$250.00
Cat 725	24.54	$119.08	$59.44	2	$357.04	$118.88	$500.00
CAT 966H	25.80	$57.78	$59.44	1	$117.22	$59.44	$250.00
Drill/Broadcast Seeder with Tractor	25.00	$41.02	$59.44	2	$200.92	$118.88	$500.00
Power Mulcher (Bowie LD-90)	6.00	$27.21	$59.44	1	$86.65	$59.44	$250.00
Subtotals:					**$1,057.93**	**$479.42**	**$1,750.00**

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
Subtotals:			**$24.60**	**$24.60**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	SALIDA	
Total one-way travel distance:	8.00	miles
Average Travel Speed:	40.00	mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	$8,346.66	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	$9.84	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.20	0.20
Return Time (Hours):	0.20	0.20
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	1.00	NA
Subtotals:	2.40	0.40

JOB TIME AND COST

Total job time:	**4.80**	Hours
Total job cost:	**$8,356**	