




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: Ranch Land Rock Pit #2	MINE/PROSPECTING ID#: M-2003-021	MINERAL: Gravel	COUNTY: Fremont
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: July 23, 2025	INSP. TIME: 12:00
OPERATOR: Ranch Land LLC	OPERATOR REPRESENTATIVE: Kurt Thurmann & Mike Krauth	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$192,337.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Jocelyn Carter	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: August 5, 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: Right of Entry

PROBLEM #1: Failure to maintain legal right of entry per Rule 6.3.7.

CORRECTIVE ACTIONS: The permittee/operator must provide proof of legal right to enter and conduct mining and reclamation operations.

CORRECTIVE ACTION DUE DATE: September 17, 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 attached reclamation cost estimate calculated by the Division and provide any comments to the Division by the corrective action due date. At that time, the Division will be sending 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: August 27, 2025

INSPECTION TOPIC: Backfilling & Grading

PROBLEM #3: A test pit was extracted and material was stockpiled in an area that has already been reclaimed

in Phase 1 of the permit area.

CORRECTIVE ACTIONS: If the materials tested show to be viable for production, the Operator shall submit a Technical Revision, along with the \$216 application fee, to update the mining plan to fully describe the mining activities on site by the corrective action due date.

If mining the material tested is not going to be pursued, the Operator shall backfill and grade the extracted pit with the stockpile of material and provide photos of the completed earthworks to the Division by the corrective action due date.

CORRECTIVE ACTION DUE DATE: September 17, 2025

INSPECTION TOPIC: Signs & Markers

PROBLEM #4: The posted mine sign at the site entrance is not accurate. This is a problem for failure to post a mine identification sign as required by Section 3.1.12(1) of the rule. The Operator shall, at the entrance of the mine site post a sign, which shall be clearly visible from the access road, with a minimum size equaling one hundred and eighty-seven (187) square inches, such as eleven (11) inches in height and seventeen (17) inches in width, with appropriate font size, with the following: the name of the Operator, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and the permit number.

CORRECTIVE ACTIONS: The operator shall, at the entrance of the mine site, post a sign which shall be clearly visible from the access road with the following: the name of the operator, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and the permit number. The operator shall submit photo documentation that a proper sign has been posted by the corrective action date.

CORRECTIVE ACTION DUE DATE: September 17, 2025

OBSERVATIONS

The Ranch Land Rock Pit #2, Permit No. M-2003-021, was inspected by me, Jocelyn Carter, on behalf of the Division of Reclamation, Mining, and Safety (Division/DRMS). The permittee is Ranch Land LLC, in January of 2023, Holcim purchased the contract from Pioneer Sand Co Inc., Messrs. Mike Krauth and Kurt Thurmann were present during the inspection representing Holcim. The inspection of the site was conducted as part of routine monitoring and inspecting per Rule 3.2. The weather conditions at the time of the inspection were clear with warm temperatures.

Ranch Land Rock Pit #2 is located approximately 5 miles southeast of the town of Florence in Fremont County. The operation is permitted for extracting gravel for construction materials over 930 acres, with only 40 acres of disturbance at any one time. The permit area is broken up into a mining phase map, submitted with TR-1 (approved July 2022), with each phase measuring about 40 acres. The current mining activities are located within Phase 6 of the permit area. Mining was not taking place at the time of the inspection, though it was observed that a load of material was being weighed before delivery. There was material handling equipment observed on site along with some conveyors and screening equipment.

There are four problems cited in this inspection report. See below for information about the observations made on site regarding the problems and above for the required corrective actions for the problems.

Records

There are no open enforcement or minor infractions with the permit. The permittee is up to date with annual reports, maps, and fees. The landownership and mineral rights are privately owned by Holcim – WCR Inc.

Right of Entry

The standing Right of Entry (ROE) document was submitted with the original permit application and gives Ranch Land LLC as the landowner. According to Fremont County Clerk and Records office, the land is owned by Holcim – WCR, Inc. A problem is being cited as the ROE is not adequate and needs to be updated to show Ranch Land LLC's legal right of entry to the permit area with Holcim – WCR Inc, see **Problem #1** above for corrective action details.

Hydrological Balance

There is not an observable issue with the hydrologic balance in the area.

General Mine Plan Compliance

The mining operation appears to be following the approved mining plan.

Signs and Markers

The mine sign is posted at the Minnequa Canal crossing just to the north of the permitted area along the access road, see Photo #1. The posted mine sign shows the name Pioneer Sand Co Inc as the operator and according to permit records, Holcim purchased the lease on January 20, 2023. A problem is being cited for the mine sign being inaccurate according to Rule 3.1.12(1)(a), see **Problem #4** above for information about the required corrective action.

Acid or Toxic Materials

Fuel is stored in a secured vessel on site adjacent to the scale in Phase 6, see Photo #3.

Financial Warranty

The current bond amount being held by the Division is \$192,337.00. An updated financial warranty was calculated based on the approved reclamation plan and the updated amount is \$248,913.00. This is an increase of \$56,576.00 and the Division's reclamation cost estimate calculation is attached to this report. A problem is being cited in this inspection report for an inadequate bond, see **Problem #2** above for details about the corrective action.

Backfill & Grading

Phase 1 of the mining area has been reclaimed. Overall, the backfilling and grading is in good condition with 3H:1V or greater slopes. There is a small section of recently excavated and material stockpiled on the old pit floor, see Photos #7 and #8. According to Mr. Thurmann, during a recent shift in management among Holcim – WCR, Inc. a test pit was done in the reclaimed area. A problem is being cited for this, see **Problem #3** above for details about the corrective actions required to address this.

Processing Facilities

There was screening facilities on the site at the time of the inspection; the screening equipment is portable, see Photo #4. There is a scale and a scale house adjacent to the fuel tank on site, see Photo #3. The scale and scale house is in good condition. There is also a stand with 8 solar panels adjacent to the scale house, see Photo #2; there is a cement footing at the base of the support post.

Roads

The internal roads are in good condition and stable.

Topsoil

Topsoil for the current mining area is stored adjacent to the scale house and scale on the east side of the pit. The slopes are stable and well vegetated and there appears to be an adequate amount of material for reclamation

tasks.

Revegetation

There did not appear to be noxious weeds in the disturbed areas of the mining operation or in the reclaimed area of Phase 1 that was inspected. The last time the Phase 1 area was reseeded was by Pioneer Sand Co Inc. and prior to Holcim purchasing the mining contract.

Photos taken during the inspection are shown below. Any questions about this report should be directed to me by email at Jocelyn.carter@state.co.us or by phone at (720) 666-1065.

PHOTOGRAPHS



Photo #1: Mine sign posted along the access road. The sign does not show the appropriate Operator name.



Photo #2: View of the installed solar panel in front of the scale, with a truck weighing material prior to delivery, and the scale house, behind the panels.



Photo #3: View of the fuel tank with the scale house behind it and the back side of the solar panels can be seen in the background of the right side.



Photo #4: View of the portable conveyors and screening equipment located on the north side of the current disturbed area.



Photo #5: View of the highwall, along the south side of the current disturbed area.



Photo #6: View of the reclaimed area in Phase 1 of the permit area. The vegetation is sparse but is well established.



Photo #7: View of the excavated test pit in the reclaimed area.



Photo #8: Stockpile of extracted material from test pit on the reclaimed pit floor.

GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- PB	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- PB	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</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----- PB	(SP) STORM WATER MGT PLAN--- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ROE) RIGHT OF ENTRY PB

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

Inspection Contact Address

Kurt Thurmann & Mike Krauth
Ranch Land LLC
1687 Cole Blvd.
Golden, CO 80401

Enclosure Division's Reclamation Cost Estimate Calculation

CC: Amy Eschberger, DRMS

COST SUMMARY WORK

Task description: Cost Summary

Site: Ranch Land Rock Pit #2

Permit Action: 2025 Insp

Permit/Job#: M2003021

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 8/5/2025

County: Fremont

Filename: M021-000

User: JLC

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
101	Push down highwalls	DOZER	1	12.58	\$5,972
301	Replace Topsoil	TRUCK1	1	78.72	\$32,050
302	Grade Topsoil	DOZER	1	11.08	\$5,263
401	Reseed Disturbed 40 acre phase	REVEGE	1	40.00	\$89,728
402	Reseed 25% of Phase 1 Area	REVEGE	1	3.00	\$5,896
403	Reseed Disturbed Phase 3 Area	REVEGE	1	23.00	\$49,799
501	Mob/demob equipment	MOBILIZE	1	5.09	\$6,626
<u>SUBTOTALS:</u>				173.47	\$195,334

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$3,946
Performance bond:	1.05	Total =	\$2,051
Job superintendent:	86.73	Total =	\$6,516
Profit:	10.00	Total =	\$19,533
		TOTAL O & P =	\$32,046
		CONTRACT AMOUNT (direct + O & P) =	\$227,380

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$500	Total =	\$500
Engineering work and/or contract/bid preparation:	4.25	Total =	\$9,664
Reclamation management and/or administration:	5.00		\$11,369

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$53,579

TOTAL BOND AMOUNT (direct + indirect) = \$248,913

BULLDOZER WORKTask description: **Push down highwalls**Site: **Ranch Land Rock Pit #2** Permit Action: 2025 Insp Permit/Job#: M2003021**PROJECT IDENTIFICATION**

Task #: 101 State: Colorado Abbreviation: None
 Date: 8/5/2025 County: Fremont Filename: M021-101
 User: JLC

Agency or organization name: DRMS**HOURLY EQUIPMENT COST**

Basic Machine: Cat D9T - 9SU
 Horsepower: 405
 Blade Type: Semi-Universal
 Attachment: NA
 Shift Basis: 1 per day
 Data Source: (CRG)

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$275.01</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$161.84</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$0.00</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$0.00</u>	<u>0</u>
Operator Cost/Hour:	<u>\$38.02</u>	<u>NA</u>

Total unit Cost/Hour: \$474.87
 Total Fleet Cost/Hour: **\$474.87**

MATERIAL QUANTITIES

Initial Volume: 13,267
 Swell factor: 1.000
 Loose volume: **13,267 LCY**

Source of estimated volume: 1,120 feet of highwall, ~30 ft high (see Task A03.1)
 Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 75 feet
 Unadjusted hourly production: 1,514.3 LCY/hr

Materials consistency description: Loose stockpile 1.2

Average push gradient: -10 %
 Average site altitude: 5,350 feet

Material weight: 2,900 lbs/LCYWeight description: Decomposed rock - 50% Rock, 50% Earth**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	<u>0.750</u>	<u>(AVG.)</u>
Material consistency:	<u>1.200</u>	<u>(CAT HB)</u>
Dozing method:	<u>1.200</u>	<u>(SLOT)</u>
Visibility:	<u>1.000</u>	<u>(AVG.)</u>

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6966

Adjusted unit production: 1,054.86 LCY/hr

Adjusted fleet production: **1054.86** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.450/LCY

Total job time: **12.58** Hours

Total job cost: **\$5,972**

TRUCK/LOADER TEAM WORKTask description: **Replace Topsoil**Site: **Ranch Land Rock Pit #2**Permit Action: 2025 InspPermit/Job#: M2003021**PROJECT IDENTIFICATION**Task #: 301State: ColoradoAbbreviation: NoneDate: 8/5/2025County: FremontFilename: M021-301User: JLCAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Shift basis: 1 per day

	Equipment Description
Truck Loader Team -Truck:	Generic 12-18 cy, 6x4
-Loader:	CAT 980H
Support Equipment -Load Area:	NA
-Dump Area:	NA
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	85	NA	NA	NA	NA
Ownership cost/hour:	\$28.52	\$69.91	NA	NA	NA	NA
Operating cost/hour:	\$58.59	\$53.75	NA	NA	NA	NA
%Utilization-ripper:	NA	0	NA	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Operator cost/hour:	\$24.86	\$59.52	NA	NA	NA	NA
Unit Subtotals:	\$111.97	\$183.18	NA	NA	NA	NA
Number of Units:	2	1	0	0	0	0
Group Subtotals:	Work: \$407.12		Support: \$0.00		Maint: \$0.00	

Total work team cost/hour: **\$407.12****MATERIAL QUANTITIES**Initial volume: 32,267

CCY

Swell factor: 1.215Loose volume: **39,204**

LCY

Source of estimated volume: Calculated from 6/25/2003 - original app. (6" over 40Ac.)Source of estimated swell factor: Cat HandbookMaterial Purchase Cost: \$0.00Total Cost: \$0.00**HOURLY PRODUCTION****Truck Capacity:****Truck Payload (weight) Basis:**Material weight: 1,600

Pounds/LCY

Description: Top SoilRated Payload: 50,300

Pounds

Payload Capacity: 31.44

LCY

Truck Bed (volume) Basis:

Struck Volume:	12.00	LCY
Heaped Volume:	18.00	LCY
Average Volume:	15.00	LCY
Adjusted Volume:	18.00	LCY

Final Truck Volume Based on Number of Loader Passes: 12.75 LCY

Loading Tool Capacity

Bucket Size Class: NA

Rated Capacity:	7.500	LCY (heaped)
Bucket Fill Factor:	0.850	Hard, tough clay (80% - 90%) 0.850
Adjusted Capacity:	6.375	LCY

Job Condition Corrections:

Site Altitude (ft.): 5350 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: 2 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): 0.550 minutes

Cycle Time Factors		Factor (min.)	Source
Material:	Mixed material 0.02	0.020	(Cat HB)
Stockpile:	Conveyor or dozer piled 10 ft. high and up 0.00	0.000	(Cat HB)
Truck Ownership:	Common ownership of trucks and loaders -0.04	-0.040	(Cat HB)
Operation:	Constant operation -0.04	-0.040	(Cat HB)
Dump Target:	Nominal target 0.00	0.000	(Cat HB)
Net Cycle Time Adjustment:		-0.060	minutes
Adjusted Loader Cycle Time:		0.490	minutes
Net Load Time per Truck:		0.590	minutes

Truck Cycle Time:

Truck Exchange Time:	0.50	Minutes	Adjusted for site altitude:	0.500	Minutes
Truck Load Time:	0.590	Minutes	Adjusted for site altitude:	0.590	Minutes
Truck Maneuver and Dump Time:	0.90	Minutes	Adjusted for site altitude:	0.900	Minutes

Truck Travel (Haul & Return) Time:
penetration 5.0

Road Condition: Rutted dirt, little maintenance, no water, 2" tire

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	500.00	1.00	5.00	6.00	1855	0.349

Haul Time: **0.349** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	500.00	-1.00	5.00	4.00	2849	0.211

Return Time: **0.211** minutesTotal Truck Cycle Time: **2.550** minutes

Loading Tool unit

Production 701.83 LCY/Hour Adjusted for job efficiency: 582.52 LCY/Hour
Truck Unit Production 300.00 LCY/Hour Adjusted for job efficiency: 249.00 LCY/Hour

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

Adjusted hourly truck team production: 498.00 LCY/Hour
Adjusted single truck/loader team production: 498.00 LCY/Hour
Adjusted multiple truck/loader team production: **498.00** LCY/Hour

JOB TIME AND COSTFleet size: 1 Team(s) Total job time: **78.72** HoursUnit cost: \$0.818 /LCY Total job cost: **\$32,050**

BULLDOZER WORKTask description: Grade TopsoilSite: Ranch Land Rock Pit #2Permit Action: 2025 InspPermit/Job#: M2003021**PROJECT IDENTIFICATION**Task #: 302State: ColoradoAbbreviation: NoneDate: 8/5/2025County: FremontFilename: M021-302User: JLCAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D9T - 9SUHorsepower: 405Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$275.01</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$161.84</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$0.00</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$0.00</u>	<u>0</u>
Operator Cost/Hour:	<u>\$38.02</u>	<u>NA</u>

Total unit Cost/Hour: \$474.87Total Fleet Cost/Hour: **\$474.87****MATERIAL QUANTITIES**Initial Volume: 8,000Swell factor: 1.000Loose volume: **8,000** LCYSource of estimated volume: Calculation - original applicationSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 200 feetUnadjusted hourly production: 700.0 LCY/hrMaterials consistency description: Loose stockpile 1.2Average push gradient: 0 %Average site altitude: 5,350 feetMaterial weight: 1,600 lbs/LCYWeight description: Top Soil**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	<u>0.750</u>	<u>(AVG.)</u>
Material consistency:	<u>1.200</u>	<u>(CAT HB)</u>
Dozing method:	<u>1.200</u>	<u>(SLOT)</u>
Visibility:	<u>1.000</u>	<u>(AVG.)</u>

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 1.0312

Adjusted unit production: 721.84 LCY/hr

Adjusted fleet production: **721.84** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.658/LCY

Total job time: **11.08** Hours

Total job cost: **\$5,263**

REVEGETATION WORKTask description: Reseed Disturbed 40 acre phaseSite: Ranch Land Rock Pit #2Permit Action: 2025 InspPermit/Job#: M2003021**PROJECT IDENTIFICATION**Task #: 401State: ColoradoAbbreviation: NoneDate: 8/5/2025County: FremontFilename: M021-401User: JLCAgency or organization name: DRMS**FERTILIZING****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
Chisel plowing {DMG}	\$109.95
Total Tilling Cost/Acre	\$109.95

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Hachita	0.60	9.79	\$17.60
Indian Ricegrass - Nespar	1.25	4.05	\$22.04
Little Bluestem - Camper	1.00	5.97	\$13.91
Sideoats Grama - Butte	2.25	7.39	\$55.65
Thickspike Wheatgrass - Critana	1.10	3.89	\$9.18
Needle and Thread	1.50	3.96	\$125.06
Rose, Wood's	0.50	0.00	\$27.33
Saltbush, Four Wing	0.50	0.69	\$10.17
Sumac, Skunkbrush	1.00	0.47	\$46.21

Totals Seed Mix	9.70	36.20	\$327.14
------------------------	------	-------	-----------------

Application

Description	Cost /Acre
Drill seeding (MEANS 32 92 19.13 0020)	\$472.00
Total Seed Application Cost/Acre	\$472.00

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered	1.00	TON	\$504.56	\$504.56
Total Mulch Materials Cost/Acre				\$504.56

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$239.35
Power mulcher (MEANS 32 91 13.16 0350)	\$141.57
Total Mulch Application Cost/Acre	\$380.92

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:	\$1,794.57
Estimated Failure Rate:	25%	Cost /Acre*:	\$1,794.57
*Selected Replanting Work Items:	TILLING,SEEDING,MULCHING		
Initial Job Cost:	\$71,782.80		
Reseeding Job Cost:	\$17,945.70		
Total Job Cost:	\$89,728		
Job Hours:	40.00		

REVEGETATION WORKTask description: Reseed 25% of Phase 1 AreaSite: Ranch Land Rock Pit #2Permit Action: 2025 InspPermit/Job#: M2003021**PROJECT IDENTIFICATION**Task #: 402State: ColoradoAbbreviation: NoneDate: 8/5/2025County: FremontFilename: M021-402User: JLCAgency or organization name: DRMS**FERTILIZING****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
	\$
Total Tilling Cost/Acre	\$0.00

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Hachita	0.60	9.79	\$17.60
Indian Ricegrass - Nespar	1.25	4.05	\$22.04
Little Bluestem - Camper	1.00	5.97	\$13.91
Sideoats Grama - Butte	2.25	7.39	\$55.65
Thickspike Wheatgrass - Critana	1.10	3.89	\$9.18
Needle and Thread	1.50	3.96	\$125.06
Rose, Wood's	0.50	0.00	\$27.33
Saltbush, Four Wing	0.50	0.69	\$10.17
Sumac, Skunkbrush	1.00	0.47	\$46.21

Totals Seed Mix	9.70	36.20	\$327.14
------------------------	------	-------	-----------------

Application

Description	Cost / Acre
Drill seeding (MEANS 32 92 19.13 0020)	\$472.00
Total Seed Application Cost/Acre	\$472.00

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost / Acre
Straw, delivered	1.00	TON	\$504.56	\$504.56
Total Mulch Materials Cost/Acre				\$504.56

Application

Description	Cost / Acre
Crimping, with tractor {DMG survey data}	\$239.35
Power mulcher (MEANS 32 91 13.16 0350)	\$141.57
Total Mulch Application Cost/Acre	\$380.92

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: 2.8 Cost /Acre: \$1,684.62
 Estimated Failure Rate: 25% Cost /Acre*: \$1,684.62
 *Selected Replanting Work Items: SEEDING,MULCHING

Initial Job Cost: **\$4,716.94**
 Reseeding Job Cost: **\$1,179.23**
 Total Job Cost: **\$5,896**
 Job Hours: **3.00**

REVEGETATION WORKTask description: Reseed Disturbed Phase 3 AreaSite: Ranch Land Rock Pit #2Permit Action: 2025 InspPermit/Job#: M2003021PROJECT IDENTIFICATIONTask #: 403State: ColoradoAbbreviation: NoneDate: 8/5/2025County: FremontFilename: M021-403User: JLCAgency 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
Chisel plowing {DMG}	\$109.95
Total Tilling Cost/Acre	\$109.95

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Hachita	0.60	9.79	\$17.60
Indian Ricegrass - Nespar	1.25	4.05	\$22.04
Little Bluestem - Camper	1.00	5.97	\$13.91
Sideoats Grama - Butte	2.25	7.39	\$55.65
Thickspike Wheatgrass - Critana	1.10	3.89	\$9.18
Needle and Thread	1.50	3.96	\$125.06
Rose, Wood's	0.50	0.00	\$27.33
Saltbush, Four Wing	0.50	0.69	\$10.17
Sumac, Skunkbrush	1.00	0.47	\$46.21

Totals Seed Mix	9.70	36.20	\$327.14
------------------------	------	-------	-----------------

Application

Description	Cost /Acre
Drill seeding (MEANS 32 92 19.13 0020)	\$472.00
Total Seed Application Cost/Acre	\$472.00

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered	1.00	TON	\$504.56	\$504.56
Total Mulch Materials Cost/Acre				\$504.56

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$239.35
Power mulcher (MEANS 32 91 13.16 0350)	\$141.57
Total Mulch Application Cost/Acre	\$380.92

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: 22.2 Cost /Acre: \$1,794.57
 Estimated Failure Rate: 25% Cost /Acre*: \$1,794.57
 *Selected Replanting Work Items: TILLING,SEEDING,MULCHING

Initial Job Cost: \$39,839.45
 Reseeding Job Cost: \$9,959.86
 Total Job Cost: \$49,799
 Job Hours: 23.00

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mob/demob equipment**Site: **Ranch Land Rock Pit #2**Permit Action: 2025 InspPermit/Job#: M2003021**PROJECT IDENTIFICATION**Task #: 501State: ColoradoAbbreviation: NoneDate: 8/5/2025County: FremontFilename: M021-501User: JLCAgency 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:	\$21.47	\$38.32	\$48.96
Operating Cost/Hour:	\$31.47	\$60.11	\$65.86
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$22.25	\$22.25
Total Unit Cost/Hour:	\$75.46	\$143.20	\$159.59

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 D9T - 9SU	60.01	\$275.01	\$159.59	1	\$434.60	\$159.59	\$250.00
CAT 980H	33.12	\$69.91	\$143.20	1	\$213.11	\$143.20	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$5.99	\$75.46	2	\$162.90	\$150.92	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$29.91	\$75.46	1	\$105.37	\$75.46	\$250.00

Subtotals: **\$915.98** **\$529.17** **\$1,000.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Generic 12-18 cy, 6x4	\$111.97	2	\$223.94	\$223.94
Light Duty Pickup, 4x4, 1 T. Crew	\$113.83	1	\$113.83	\$113.83

Subtotals: **\$337.77** **\$337.77**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	CAÑON CITY	
Total one-way travel distance:	20.00	miles
Average Travel Speed:	45.00	mph

Total Non-Roadable Mob/Demob Cost *	\$6,325.63
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	\$300.24
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.44	0.44
Return Time (Hours):	0.44	0.44
Loading Time (Hours):	0.83	NA
Unloading Time (Hours):	0.83	NA
Subtotals:	2.55	0.89

JOB TIME AND COST

Total job time:	5.10	Hours
-----------------	------	-------

Total job cost:	\$6,626
-----------------	---------