

Girardi - DNR, Chris <chris.girardi@state.co.us>

## CDR Pit M2006059- June 2025 Inspection Report and Cost Estimate

1 message

**Girardi - DNR, Chris** <chris.girardi@state.co.us>
To: Ron Trujillo <rontrujillo52@yahoo.com>
Co: Jared Ebert - DNR <jared.ebert@state.co.us>

Thu, Jul 31, 2025 at 3:26 PM

Good afternoon,

Attached to this email is the Division's Inspection Report and Reclamation Cost Estimate based on the inspection conducted on June 17, 2025 for the CDR Pit DRMS mining permit, permit number M-2006-059.

A hard copy will not be delivered unless requested. Regarding the Cost Estimate, please provide any feedback within two weeks of this email. Otherwise, a Surety Increase will be issued for the permit.

Please feel free to contact me if you have any questions.

Thanks,

Chris Girardi

**Environmental Protection Specialist** 



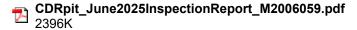
P: (720) 793-3041

Physical: 1313 Sherman Street, Room 215, Denver, CO 80203

Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216

chris.girardi@state.co.us | https://drms.colorado.gov/

#### 2 attachments



CDR\_Pit\_2025CostEstimateUpdate\_M2006059.pdf 230K



MINE NAME:

# 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/PROSPECTING ID#:

Chris Dirardi

THE THE THE	THE CENTROSI ECTIONS	1,111 (1314) 113.	00011111
CDR Pit	M-2006-059	Gravel	Archuleta
INSPECTION TYPE:	WEATHER: Clear	INSP. DATE:	INSP. TIME:
Monitoring		June 17, 2025	08:00am
OPERATOR:	OPERATOR REPRESENTATIVE:	TYPE OF OPERA	TION:
Continental Divide Ranch, LLC	None	110c - Construction	Limited Impact
REASON FOR INSPECTION:	BOND CALCULATION TYPE:	BOND AMOUNT:	
Normal I&E Program	Complete Bond	\$15,357.00	
Normal teel Flogram	Complete Bond	\$13,337.00	
DATE OF COMPLAINT:	POST INSP. CONTACTS:	JOINT INSP. AGE	NCY:
			NCY:
DATE OF COMPLAINT:	POST INSP. CONTACTS:	JOINT INSP. AGE	

MINERAL:

COUNTY:

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: Gen. Compliance With Mine Plan

**PROBLEM**: The Operator has temporarily ceased production since September 1, 2022, and did not file a Notice of Temporary Cessation in accordance with Rule 1.13.5(1). Rule 1.13.5 states, if an Operator temporarily ceases production of the mining operation for one hundred eighty (180) days or more, the Operator must file a Notice of Temporary Cessation in writing to the Office.

**CORRECTIVE ACTIONS:** By the corrective action date, the Operator must do one of the following:

- File a **Notice of Temporary Cessation** as outlined in Rule 1.13.5. Note that the initial 5-year cessation period started on the last date the pit was active and will expire on September 1, 2027.
- Resume mining operations.
- Initiate reclamation.

If the Operator chooses to resume mining operations or initiate reclamation, they must notify the Division in writing by the corrective action date.

**CORRECTIVE ACTION DUE DATE: 8/30/25** 

**INSPECTION TOPIC:** Signs & Markers

**PROBLEM**: The mine identification sign and affected area boundary markers were not observed per the requirements of Rule 3.1.12. 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 must post a sign at the entrance to the mine site which shall be clearly visible from the access road and specify the following; the name of the operator, indicate that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board, and the permit number. The boundaries of the affected area must be marked by monuments or other markers that are clearly visible and adequate to delineate such boundaries.

**CORRECTIVE ACTION DUE DATE: 8/30/25** 

**INSPECTION TOPIC:** Topsoil

**PROBLEM:** The topsoil stockpile does not have established vegetation on it and therefore is susceptible to erosion. Rule 3.1.9(1) states if topsoil is not replaced into the backfill area within a time short enough to avoid deterioration of the topsoil, vegetative cover or other means shall be employed so that the topsoil is protected from erosion. In addition, the stockpile had a nearly vertical configuration, putting it at further risk of erosion. **CORRECTIVE ACTIONS:** The operator shall seed the stockpiles with the seed mix that was submitted as part of the approved Reclamation Plan. If no seed mix has been provided, the operator shall submit a seed mix for approval as a technical revision to the permit along with the appropriate \$216 revision fee to the Division by the corrective action date. The Operator shall demonstrate compliance by submitting seed tags, a bill of sale or photographs of seeding activities. In addition, the operator should grade the stockpile side slopes to a gentler angle, closer to a 3:1 horizontal to vertical configuration. The Operator may also request a follow-up inspection.

**CORRECTIVE ACTION DUE DATE:** 9/29/25

#### **OBSERVATIONS**

The CDR Pit was inspected by Chris Girardi with the Division of Reclamation, Mining, and Safety ("DRMS" or "Division") as part of the DRMS routine monitoring inspection program. The site was last inspected on May 4, 2016, as part of a routine monitoring inspection. The Operator, Continental Divide Ranch, LLC, was not present during the inspection. The weather was clear.

The CDR Pit is a 110c gravel operation that consists of 4.51 acres and is located approximately 7 miles east of Chromo, CO. The site is accessed from the north using a gate permit area along Navajo River Road, where the permit is less than 0.5 miles south using Old Chama Road. The approved post-mining land use is rangeland. The surrounding land uses are residential and forestry.

There was no mine entrance sign present. This has been cited as a problem. In accordance with Rule 3.1.12, at the entrance of the mine site a clearly visible sign must be posted that displays the Operator and operation name, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board, and the permit number.

#### **General Compliance with Mining Plan:**

The site is located on a large hill that overlooks Navajo River to the north. The site was inactive at the time of the inspection. The only equipment observed was a truck from Brush Hog Services (see Photo 2). The site consists of a small clearing with two stockpiles of material and sporadic volunteer vegetation, predominantly Western wheatgrass, Smooth meadow-grass, Yellow sweet clover (see Photos 2-5). The permit area also contained a minor amount of Cheatgrass and Common mullein. A stockpile of several boulders was observed along the access road on the northeast side of the permit (see Photo 4). One stockpile on the western portion of the site contained what appeared to be topsoil with a very minimal amount of vegetation on it (see Photo 3). This has been cited as problem, as Rule 3.1.9(1) states if topsoil is not replaced into the backfill area within a time short enough to avoid deterioration of the topsoil, vegetative cover or other means shall be employed so that the topsoil is protected from erosion. The corrective action the Operator should employ to combat erosion of the topsoil stockpile is to seed the stockpile with the seed mix that was submitted as part of the approved Reclamation Plan. The Operator shall demonstrate the corrective action has been completed by submitting seed tags, a bill of sale or photographs of seeding activities. In addition, the topsoil stockpile had a nearly vertical configuration, putting it at further risk of erosion. In tandem with seeding of the stockpile, the Operator should grade the stockpile side slopes to a gentler angle, closer to a 3:1 horizontal to vertical configuration.

The stockpile on the southeastern portion of the site was predominantly sand and gravel, and appears to be either salable material or overburden, which is corroborated by the mining plan map submitted in the original application (see Photo 5). Historical Google Earth Imagery indicates that approximately three (3) acres have been disturbed (see attached Figure 1).

According to the 2024 Annual Report, the date of the last activity at the site was June 4, 2018. However, according to the 2023 and 2022 Annual Report, the date of last activity at the site was September 1, 2022. Despite these conflicting dates of last activity, the Division will use the reported date of the last activity at the site as September 1, 2022. The Operator will need to apply for a first five (5) year period of Temporary

Cessation in accordance with Rules 1.13.5(1)(a) of the Construction Materials Rules and Regulations, initiate final reclamation, or begin mining again. This issue is cited as a problem at the beginning of this report.

The Division currently holds a reclamation bond in the amount of \$12,048 for this operation. The Division has estimated the reclamation liability at the site and found it to be \$15,357. This is an increase of \$3,309 from the bond currently held. The Operator will have 14 days (August 13, 2025), from the issuance of this report to submit any questions regarding the updated 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).

This concludes the DRMS' inspection report; a subset of photographs was taken during the time of the inspection are included below. If you need additional information or have any questions, please contact me at the Division of Reclamation, Mining, and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at 720-793-3041 or by email at chris.girardi@state.co.us.

# **PHOTOGRAPHS**



Photo 1: Access road leading to the permit from the south along Chama Road, facing south.



Photo 2: View of truck within permit area, facing south.



Photo 3: View of topsoil stockpile on the western side of the permit, facing west.



Photo 4: View topsoil stockpile and of several boulders along the access road on the north side of the permit, facing west.



Photo 5: Stockpile of mostly gravel, facing south.



Figure 1: This map was generated in Google Earth to show the permit location along Old Chama Road as of June 29, 2022. The white shaded region indicates the approximate affected area, equaling approximately 3 acres of the 4.51-acre permit

## **GENERAL INSPECTION TOPICS**

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

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

#### **Inspection Contact Address**

Ron Trujillo Continental Divide Ranch, LLC 7010 S. Steele St. Centennial, CO 80122

Enclosure: 2025 Bond Update

CC: Jared Ebert, DRMS

Les Lister, Continental Divide Ranch, LLC

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

## **COST SUMMARY WORK**

te: _	CDR Pit	Permit Action:	2025 Update		Permit/Job	#: <u>M2006059</u>
<u>PR</u>	OJECT IDENTIFICATION					
	Task #: 000 Date: 7/30/2025 User: CMG	State: Colorado County: Archuleta		<i>A</i>	Abbreviation: Filename:	None M059-000
	Agency or organization na	me: DRMS				
<u>TA</u>	SK LIST (DIRECT COSTS)	1				
ısk			Form	Fleet	Task	G .
)1	<b>Description</b>		Used	Size	Hours	Cost
2	Rough grade to 3H:1V Spread topsoil across 3 acres o	f disturbed area	DOZER DOZER	1	10.95	\$1,316 \$1,260
3	Revegetation of 3 acres affecte		REVEGE	1	3.00	\$6,238
4	Mobilize to and from job site	u ianus	MOBILIZE	1	4.40	\$2,253
			SUBTO	OTALS:	28.89	\$11,067
	DIRECT COSTS					
<u>UV</u>	ERHEAD AND PROFIT:					
	Liability insurance: 2.0 Performance bond: 1.0				<del></del>	224
	reriormance bond: 1.0	15			Total = \$1	.16

4.25

5.00

0.00

Total =

Total = -TOTAL O & P =

Total =

Total =

TOTAL INDIRECT COST = \$4,289

Total = \$0

CONTRACT AMOUNT (direct + O & P) =  $\boxed{\$13,598}$ 

TOTAL BOND AMOUNT (direct + indirect) = \$15,356

\$1,085

\$1,107

\$2,531

\$500

\$578

\$680

14.44

10.00

Financial warranty processing (legal/related costs): \$\\_\$500

CONTINGENCY:

Engineering work and/or contract/bid preparation:

Reclamation management and/or administration:

Job superintendent:

Profit:

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

## **BULLDOZER WORK**

Task description:	Rou	igh grade t	o 3H:1V			
: CDR Pit		Permi	t Action:	2025 Update	Permit/Job#:	M2006059
PROJECT IDENTI	FICATION	<u> </u>				
Task #: 001		State:	Colorado		Abbreviation:	None
Date: 7/30/2		County:	Archuleta		Filename:	M059-001
User: CMG	<u> </u>					
Agency or organiza	ation name:		ORMS			
HOURLY EQUIPM	MENT COS	<u>r</u>				
Basic Machine:	Cat D5N I	.GP - 5P				
Horsepower:	96			<u> </u>		
Blade Type:	Power Ang			<u> </u>		
Attachment:	3-shank rij	oper				
Shift Basis:	1 per day			_		
Data Source:	(CRG)			<u> </u>		
Cost Breakdown:				TT/:1: - /: 0/		
Ownership Cost/Ho	our: \$44.0	00		Utilization % NA		
Operating Cost/Ho				100		
Ripper own.						
Cost/Hour:	\$4.0	1		NA		
Ripper op. Cost/Ho	our: \$0.92	2		30		
Operator Cost/Hou	r: \$38.0	02		NA		
Total unit Cost/Hor Total Fleet Cost/Ho						
MATERIAL QUAN	NTITIES					
Initial Volume:	2,420					
Swell factor:	1.000		<del></del>			
Loose volume:	<b>2,420</b> LCY					
Source of estimated				tion, Mining & Safe	ety	
Source of estimated	d swell	Cat Han	ıdbook			
factor:						
HOURLY PRODUC	<u>CTION</u>					
Average push dista Unadjusted hourly production:	nce:	100 feet 306.9 LC	Y/hr			
Materials consisten description:	ncy	Partly	consolidate	d stockpile 1.1		
Average push gradient:	0 %					
Average site altitud	de: 7,660	) feet	<del></del>			

Weight description:	Earth - Loam	
Job Condition Correction Fac	ctor Source	
Operator Skill:	0.750	(AVG.)
Material consistency:	1.100	(CAT HB)
Dozing method:	1.200	(SLOT)
Visibility:	1.000	(AVG.)
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:	1.095	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.7198	
Adjusted unit	220.91 LCY/hr	
production:		
Adjusted fleet production:	<b>220.91</b> LCY/hr	
production.		

# JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.544/LCY
Total job time:	<b>10.95</b> Hours
Total job cost:	\$1,316

CDR Pit		Permit Action:	2025 Update	Permit/Job#:	M2006059
PROJECT IDENT	IFICATION	<u> </u>			
Task #:       002         Date:       7/30/2         User:       CMG		State: Color County: Archu		Abbreviation: Filename:	None M059-002
Agency or organization	ation name:	DRMS			
HOURLY EQUIPN		 <u>T</u>			
Basic Machine: Horsepower:	Cat D5N I	LGP - 5P			
Blade Type:	Power An	gle Tilt			
Attachment:	3-shank ri				
Shift Basis:	1 per day				
Data Source:	(CRG)				
Cost Breakdown:			Utilization %		
Ownership Cost/He	our: \$44.	09	NA		
Operating Cost/Ho		12	100		
Ripper own.	\$4.0	1	NA		
Cost/Hour:					
D' (TT					
Ripper op. Cost/Hou			10 NIA		
Ripper op. Cost/Ho Operator Cost/Hou			NA		
Operator Cost/Hou	\$38.	02			
Operator Cost/Hou  Total unit Cost/Ho	ur: \$38.	0.54			
Operator Cost/Hou	ur: \$38.	0.54			
Operator Cost/Hou  Total unit Cost/Ho	ur: \$38. ur: \$119 our: \$119	0.54			
Operator Cost/Hou  Total unit Cost/Ho  Total Fleet Cost/Ho  MATERIAL QUAN	ur: \$38. ur: \$119 our: \$119 NTITIES	0.54			
Operator Cost/Hou  Total unit Cost/Ho  Total Fleet Cost/Ho  MATERIAL QUAN  Initial Volume:	ur: \$38.  ur: \$119  our: \$119  NTITIES  2,541	0.54			
Operator Cost/Hou  Total unit Cost/Ho Total Fleet Cost/Ho  MATERIAL QUAN  Initial Volume: Swell factor:	ur: \$38.  ur: \$119  our: \$119  NTITIES  2,541  1.000	0.54 0.54			
Operator Cost/Hou  Total unit Cost/Ho  Total Fleet Cost/Ho  MATERIAL QUAN  Initial Volume:	ur: \$38.  ur: \$119  our: \$119  NTITIES  2,541	0.54 0.54			
Operator Cost/Hou  Total unit Cost/Ho Total Fleet Cost/Ho  MATERIAL QUAN  Initial Volume: Swell factor:	ur: \$38.  ur: \$119  our: \$119  NTITIES  2,541  1.000  2,541 LCY	0.54	NA		
Operator Cost/Hou  Total unit Cost/Ho  Total Fleet Cost/Ho  MATERIAL QUAN  Initial Volume:  Swell factor:  Loose volume:	ur: \$38.  ur: \$119  our: \$119  NTITIES  2,541  1.000  2,541 LCY  d volume:	0.54			
Operator Cost/Hou  Total unit Cost/Ho  Total Fleet Cost/Ho  MATERIAL QUA!  Initial Volume:  Swell factor: Loose volume:  Source of estimated	ur: \$38.  ur: \$119  our: \$119  NTITIES  2,541  1.000  2,541 LCY  d volume:	0.54 0.54 0.54 (3.15ac)(43560sc	NA		
Operator Cost/Hou  Total unit Cost/Ho  Total Fleet Cost/Ho  MATERIAL QUA!  Initial Volume: Swell factor: Loose volume:  Source of estimated Source of estimated	wr: \$38.  ur: \$119  our: \$119  NTITIES  2,541  1.000  2,541 LCY  d volume: d swell	0.54 0.54 0.54 (3.15ac)(43560sc	NA		
Operator Cost/Hou  Total unit Cost/Ho Total Fleet Cost/Ho  MATERIAL QUAN  Initial Volume: Swell factor: Loose volume:  Source of estimates Source of estimates factor:  HOURLY PRODU	ur: \$38.  ur: \$119  our: \$119  NTITIES  2,541 1.000 2,541 LCY  d volume: d swell  CTION	0.54 0.54 0.54 0.54 (3.15ac)(43560sc Cat Handbook	NA		
Operator Cost/Hou  Total unit Cost/Ho Total Fleet Cost/Ho  MATERIAL QUA!  Initial Volume: Swell factor: Loose volume:  Source of estimated factor:	ur: \$38.  ur: \$119  our: \$119  NTITIES  2,541  1.000  2,541 LCY  d volume: d swell  CTION  unce:	0.54 0.54 0.54 (3.15ac)(43560sc	NA		
Operator Cost/Hou  Total unit Cost/Ho  Total Fleet Cost/Ho  MATERIAL QUAN  Initial Volume: Swell factor: Loose volume:  Source of estimated Source of estimated factor:  HOURLY PRODUCTION  Average push distated Unadjusted hourly	ur: \$38.  ur: \$119  our: \$119  NTITIES  2,541  1.000  2,541 LCY  d volume: d swell  CTION  ance:	0.54 0.54 0.54 (3.15ac)(43560sc Cat Handbook	n.ft/acre)(0.5'D)/27		
Operator Cost/Hou Total unit Cost/Ho Total Fleet Cost/Ho MATERIAL QUAN Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated factor: HOURLY PRODUCTION Average push distated Unadjusted hourly production: Materials consister	ur: \$38.  ur: \$119  our: \$119  NTITIES  2,541  1.000  2,541 LCY  d volume: d swell  CTION  ance:	0.54 0.54 0.54 (3.15ac)(43560sc Cat Handbook 100 feet 306.9 LCY/hr	n.ft/acre)(0.5'D)/27		

Weight description:

Earth - Loam

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:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.095	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.7852	
production:	0.98 LCY/hr	
Adjusted fleet production:	<b>0.98</b> LCY/hr	

# JOB TIME AND COST

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

Total job time: 10.54 Hours
Total job cost: \$1,260

## **REVEGETATION WORK**

CDR I	Dif	Dermi	t Action:	2025	Update	D	ermit/Job#:	M2006059
	ru	remin	t Action.		Opuate	г	emmy joo#.	1012000033
ROJEC'	Γ IDENTIFICATI	ON						
Task #:	003	State:	Colora	do		Abbrev	viation:	None
Date:	7/30/2025	County:	Archul	leta		Filenar	ne:	000
User:	CMG							
Agency	or organization nan	ne:	DRMS					
ERTILI	ZING							
aterials								
				Units /				
Descri	ption			Acre	Unit	Cos	st / Unit	Cost /Acre
						\$		\$
						Tak	al Fertilizer	
							ai Fertilizer terials	
							st/Acre	\$0.00
Descri	ntion							
Descri	ntion							
	ption							Cost /Acre
	рион							Cost /Acre
<b></b>								\$
Total 1	Fertilizer Applicat	ion Cost/Acre						
Total l	Fertilizer Applicat	ion Cost/Acre						\$
ILLING	Fertilizer Applicat	ion Cost/Acre						\$ \$0.00
ILLING Descri	Fertilizer Applicat	ion Cost/Acre						\$ \$0.00
ILLING Descri	Fertilizer Applicat	ion Cost/Acre						\$ \$0.00
Descri Chisel	Fertilizer Applicat	ion Cost/Acre						\$ \$0.00
Descri Chisel	Fertilizer Applicat  ption plowing {DMG}  Filling Cost/Acre	ion Cost/Acre						\$ \$0.00 Cost /Acre \$109.95
Descri Chisel	Fertilizer Applicat  ption plowing {DMG}  Filling Cost/Acre	ion Cost/Acre				Rate		\$ \$0.00 Cost /Acre \$109.95
Descri Chisel Total	Fertilizer Applicat  ption plowing {DMG}  Filling Cost/Acre	ion Cost/Acre				Rate –	Seeds	\$ \$0.00 Cost /Acre \$109.95 \$109.95
Descri Chisel	Fertilizer Applicat  ption plowing {DMG}  Filling Cost/Acre	ion Cost/Acre				PLS	Seeds per SQ.	\$ \$0.00 Cost /Acre \$109.95
Descri Chisel Total	Fertilizer Applicat  ption plowing {DMG}  Filling Cost/Acre	ion Cost/Acre					Seeds per SQ. FT	\$ \$0.00 Cost /Acre \$109.95 \$109.95
Descri Chisel Total EEDING	Fertilizer Applicat  ption plowing {DMG}  Filling Cost/Acre					PLS LBS /	per SQ.	\$ \$0.00 Cost /Acre \$109.95 \$109.95
Descri Chisel Total EEDING Seed M	Fertilizer Applicat  ption plowing {DMG}  Filling Cost/Acre	)				PLS LBS / Acre	per SQ. FT	\$ \$0.00  Cost /Acre \$109.95 \$109.95  Cost /Acre
Descri Chisel Total  EEDING  Seed M  Arizon Mount Slende	ption plowing {DMG}  Filling Cost/Acre  Aix  Fescue - Redonder ain Brome - Broma r Wheatgrass - Pryone and a security of the s	o r or				PLS LBS / Acre	per SQ. FT 11.48	\$ \$0.00  Cost /Acre \$109.95  \$109.95  Cost /Acre \$15.42  \$30.81  \$21.51
Descri Chisel Total  EEDING  Seed M  Arizon Mount Slende	ption plowing {DMG}  Tilling Cost/Acre  Aix  a Fescue - Redondo ain Brome - Broma	o r or				PLS LBS / Acre 1.00 5.00	per SQ. FT 11.48 8.03	\$ \$0.00  Cost /Acre \$109.95  \$109.95  Cost /Acre \$15.42 \$30.81
Descri Chisel Total  EEDING  Seed M  Arizon Mount Slende Wester	ption plowing {DMG}  Filling Cost/Acre  Aix  Fescue - Redonder ain Brome - Broma r Wheatgrass - Pryone and a security of the s	o r or				PLS LBS / Acre 1.00 5.00 3.40	per SQ. FT 11.48 8.03 12.41	\$ \$0.00  Cost /Acre \$109.95  \$109.95  Cost /Acre \$15.42  \$30.81  \$21.51
Descri Chisel Total EEDING  Seed M  Arizon Mount Slende Wester  Totals	ption plowing {DMG}  Filling Cost/Acre  Aix  Aix  A Fescue - Redondo ain Brome - Broma r Wheatgrass - Pryo n Wheatgrass - Arr  Seed Mix	o r or				PLS LBS / Acre 1.00 5.00 3.40 4.00	per SQ. FT 11.48 8.03 12.41 10.10	\$0.00  Cost /Acre \$109.95  \$109.95  Cost /Acre  \$15.42  \$30.81  \$21.51  \$37.00
Descri Chisel Total  EEDING  Seed M  Arizon Mount Slende Wester	ption plowing {DMG}  Filling Cost/Acre  Aix  Aix  A Fescue - Redondo ain Brome - Broma r Wheatgrass - Pryo n Wheatgrass - Arr  Seed Mix	o r or				PLS LBS / Acre 1.00 5.00 3.40 4.00	per SQ. FT 11.48 8.03 12.41 10.10	\$0.00  Cost /Acre \$109.95  \$109.95  Cost /Acre  \$15.42  \$30.81  \$21.51  \$37.00

Drill Seeding (DRMS Survey Cost)	\$242.30
	20.40.20
Total Seed Application Cost/Acre	\$242.30

## **MULCHING and MISCELLANEOUS**

#### Materials

	Units /			
Description	Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered	2.00	TON	\$504.56	\$1,009.12
Herbicide - Curtail @ 4.0 pt/ac	1.00	ACRE	\$38.14	\$38.14
Total Mulch Materials Cost/Acre				\$1,047.25

**Application** 

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$239.35
Weed spray, truck, non-aquatic area, nox. [DMG]	\$249.08
Total Mulch Application Cost/Acre	\$488.43

## **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:	3	Cost /Acre:	\$1,992.67	
Estimated Failure Rate:	25%	Cost /Acre*:	\$347.04	
*Selected Replanting Work Items:	SEEDING			

Selected Replanting Work Items: SEEDING

Initial Job Cost: \$5,978.01 \$260.28 Reseeding Job Cost: Total Job Cost: \$6,238 Job Hours: 3.00

## EQUIPMENT MOBILIZATION/DEMOBILIZATION

	Task descrip	otion: Mo	bilize to	and fro	m job site	e			
Site:	CDR Pit		Per	mit Act	ion:	2025 U <sub>I</sub>	odate	Permit/Job#:	M2006059
;	PROJECT I	DENTIFICATION	<u>N</u>						
	Task #: Date: User:	004 7/30/2025 CMG	State: County:		olorado rchuleta			Abbreviation: Filename:	None 000
	Agency or o	organization name:	_	DRMS	S				
	EQUIPMEN	T TRANSPORT	RIG COS	<u>T</u>					
	Shift bas Cost Data								er day G Data
	Truck Tı	ractor Description:				HIGHW <i>A</i> IALF, 200		TRACTOR, 6X4, I	DIESEL POWERED,
	Truck Tra	iler Description:	_	GENE	RIC FOL		OOSENECK	, DROP DECK EQ	UIPMENT
	Cost Breakdo	wn:							
•	Available F	Rig Capacities	0-25 To	ns	26-50 T	ons	51+ Tons		
•	Ownership		\$21.47		\$38.32		\$48.96		
•	Operating C		\$31.47		\$60.11		\$65.86		
:	Operator Co		\$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	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/unit	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
1	(TONS)				fleet		
Cat D5N LGP -	12.10	\$48.10	\$75.46	1	\$123.56	\$75.46	\$250.00
5P							
Drill/Broadcast	25.00	\$5.99	\$75.46	2	\$162.90	\$150.92	\$250.00
Seeder with							
Tractor							

Subtotals: \$286.46 \$226.38 \$500.00

## **ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/	Fleet Size	Haul Trip	Return Trip
	unit		Cost/hr/ fleet	Cost/hr/ fleet
Fuel Tanker, 4x2, 170 HP	\$33.68	1	\$33.68	\$33.68
Light Duty Pickup, 4x2, 1/2 T.	\$20.11	1	\$20.11	\$20.11

# **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	PAGOSA SPRINGS	
Total one-way travel distance:	30.00	miles
Average Travel Speed:	50.00	mph
Total Non-Roadable Mob/Demob Cost *	\$2,188.33	
'* two round trips with haul rig:	Ψ2,100.33	
Total Roadable Mob/Demob Cost **	\$64.55	
** one round trip, no haul rig:	ψ0τ.33	

# Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.60	0.60
Return Time (Hours):	0.60	0.60
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.20	1.20

## JOB TIME AND COST

Total job time:	4.40	_ Hours
Total job cost:	\$2,253	_