COST SUMMARY WORK

Task description: **Site Reclamation**

Site: **Lickskillet Claims** Permit Action: 2025 Update Permit/Job#: P2010005

PROJECT IDENTIFICATION

Task #: 000 State: Colorado Abbreviation: None
Date: 9/22/2025 County: Conejos Filename: P005-000
User: CMG

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	General grading, ensure 3H:1V final slopes for stockpiles	DOZER	1	4.02	$491
002	Distribute growth medium	DOZER	1	0.24	$29
003	Revegetate 1.0 acres affected lands	REVEGE	1	1.00	$978
004	Haul reclamation equipment to and from job site	MOBILIZE	1	4.54	$2,751
			SUBTOTALS:	**9.8**	**$4,249**

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	$86
Performance bond:	1.05	Total =	$45
Job superintendent:	4.90	Total =	$368
Profit:	10.00	Total =	$425
		TOTAL O & P =	$923
		CONTRACT AMOUNT (direct + O & P) =	$5,172

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	$500	Total =	$500
Engineering work and/or contract/bid preparation:	4.25	Total =	$220
Reclamation management and/or administration:	5.00		$259
CONTINGENCY:	0.00	Total =	$0
		TOTAL INDIRECT COST =	$1,902
		TOTAL BOND AMOUNT (direct + indirect) =	**$6,151**

BULLDOZER WORK

Task description: **General grading, ensure 3H:1V final slopes for stockpiles**

Site: **Lickskillet Claims** Permit Action: 2025 Update Permit/Job#: P2010005

PROJECT IDENTIFICATION

Task #:	001	State:	Colorado	Abbreviation:	None
Date:	8/14/2025	County:	Conejos	Filename:	P2010005
User:	CMG				

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine:	Cat D5N LGP - 5P
Horsepower:	96
Blade Type:	Power Angle Tilt
Attachment:	3-shank ripper
Shift Basis:	1 per day
Data Source:	(CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	$44.09	NA
Operating Cost/Hour:	$33.12	100
Ripper own. Cost/Hour:	$4.01	NA
Ripper op. Cost/Hour:	$3.05	100
Operator Cost/Hour:	$38.02	NA

Total unit Cost/Hour: $122.29

Total Fleet Cost/Hour: **$122.29**

MATERIAL QUANTITIES

Initial Volume:	807
Swell factor:	1.000
Loose volume:	**807** LCY

Source of estimated volume: (1.0ac)(43560sf/ac)(0.5’D) / 27 = 806.667 cy

Source of estimated swell factor: NA

HOURLY PRODUCTION

Average push distance: 50 feet

Unadjusted hourly production: 464.3 LCY/hr

Materials consistency description: Consolidated stockpile 1.0

Average push gradient: 0 %

Average site altitude: 7,700 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:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4323

Adjusted unit production: 200.72 LCY/hr

Adjusted fleet production: **200.72** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: $0.609/LCY

Total job time: **4.02** Hours

Total job cost: **$491**

BULLDOZER WORK

Task description: **Distribute growth medium**

Site: **Lickskillet Claims** Permit Action: 2025 Update Permit/Job#: P2010005

PROJECT IDENTIFICATION

Task #:	002	State:	Colorado	Abbreviation:	None
Date:	8/14/2025	County:	Conejos	Filename:	P201005
User:	CMG				

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D5N LGP - 5P
Horsepower: 96
Blade Type: Power Angle Tilt
Attachment: 3-shank ripper
Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	$44.09	NA
Operating Cost/Hour:	$33.12	100
Ripper own. Cost/Hour:	$4.01	NA
Ripper op. Cost/Hour:	$0.61	20
Operator Cost/Hour:	$38.02	NA

Total unit Cost/Hour: $119.85
Total Fleet Cost/Hour: **$119.85**

MATERIAL QUANTITIES

Initial Volume: 50
Swell factor: 1.000
Loose volume: **50** LCY

Source of estimated volume: See previous DRMS calculation, dated June 7, 2010
Source of estimated swell factor: NA

HOURLY PRODUCTION

Average push distance: 50 feet
Unadjusted hourly production: 464.3 LCY/hr

Materials consistency description: Consolidated stockpile 1.0

Average push gradient: 0 %
Average site altitude: 7,700 feet

Material weight: 2,550 lbs/LCY

Weight description: Earth - Dry packed

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:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4492

Adjusted unit production: 208.56 LCY/hr

Adjusted fleet production: **208.56** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: $0.575/LCY

Total job time: **0.24** Hours

Total job cost: **$29**

REVEGETATION WORK

Task description: **Revegetate 1.0 acres affected lands**

Site: **Lickskillet Claims** Permit Action: 2025 Update Permit/Job#: P2010005

PROJECT IDENTIFICATION

Task #: 003 State: Colorado Abbreviation: None
Date: 9/22/2025 County: Conejos Filename: 000
User: CMG

Agency 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 - Native	2.00	32.64	$43.67
Indian Ricegrass - Native	8.00	25.90	$141.64
Totals Seed Mix	10.00	58.54	**$185.31**

Application

Description	**Cost /Acre**
Broadcast seeding [DMG]	$279.08

Total Seed Application Cost/Acre	**$279.08**

MULCHING and MISCELLANEOUS

Materials

Description	**Units / Acre**	**Unit**	**Cost / Unit**	**Cost /Acre**
Herbicide - Curtail @ 4.0 pt/ac	1.00	ACRE	$38.14	$38.14
Total Mulch Materials Cost/Acre				**$38.14**

Application

Description	**Cost /Acre**
Weed spray, truck, non-aquatic area, nox. [DMG]	$249.08
Total Mulch Application Cost/Acre	**$249.08**

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:	1	Cost /Acre:	$861.56
Estimated Failure Rate:	25%	Cost /Acre*:	$464.39
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	**$861.56**
Reseeding Job Cost:	**$116.10**
Total Job Cost:	**$978**
Job Hours:	**1.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: **Haul reclamation equipment to and from job site**

Site: **Lickskillet Claims** Permit Action: 2025 Update Permit/Job#: P2010005

PROJECT IDENTIFICATION

Task #:	004	State:	Colorado	Abbreviation:	None
Date:	8/14/2025	County:	Conejos	Filename:	P2010005
User:	CMG				

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:	$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 D5N LGP - 5P	12.10	$48.10	$75.46	1	$123.56	$75.46	$250.00
Drill/Broadcast Seeder with Tractor	25.00	$5.99	$75.46	2	$162.90	$150.92	$500.00

Subtotals:	**$286.46**	**$226.38**	**$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, 4x2, 1/2 T.	$20.11	1	$20.11	$20.11

Subtotals:	**$20.11**	**$20.11**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: ALAMOSA

Total one-way travel distance:	35.00	miles
Average Travel Speed:	55.00	mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	$2,725.63	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	$25.59	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.64	0.64
Return Time (Hours):	0.64	0.64
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.27	1.27

JOB TIME AND COST

Total job time:	**4.55**	Hours
Total job cost:	**$2,751**	