

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:		MINE/PROSPECTING ID#:	MINERAL:	COUNTY:
North Bank Resources		M-2006-018	Sand and gravel	Garfield
INSPECTION TYPE:		WEATHER: Clear	INSP. DATE:	INSP. TIME:
Monitoring			May 27, 2025	09:30
OPERATOR:		OPERATOR REPRESENTATIVE:	TYPE OF OPERA	TION:
Oldcastle SW Group, Inc. dba United	l Compai	Jesse Farmer	112c - Construction	Regular Operation
County				
REASON FOR INSPECTION:		BOND CALCULATION TYPE:	BOND AMOUNT:	
Normal I&E Program	Normal I&E Program		\$231,576.00	
DATE OF COMPLAINT:		POST INSP. CONTACTS:	JOINT INSP. AGENCY:	
NA		None	None	
INSPECTOR(S):	INSPE	CTOR'S SIGNATURE:	SIGNATURE DAT	'E:
Todd Jesse			June 18, 2025	
Ton		20 3		
1000		Corre		
		000		

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

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

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

OBSERVATIONS

This inspection report was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining, and Safety's Active Mines Program. The North Banks Resources is a 112c Operation operated by Oldcastle SW Group, Inc. dba United Companies of Mesa County. The site is located 2 miles east of Rifle, CO at an elevation of approximately 5,300 feet. Public access is controlled by a gate off Hwy 6. Jesse Farmer of Oldcastle was present during the inspection.

Financial Warranty:

The Division currently holds a financial warranty of \$231,576.00. The last bond calculation was done in 2019. In an effort to ensure the financial warranty remains adequate to reclaim this site per the requirements of the approved reclamation plan, DRMS has updated the Reclamation Cost Estimate. The updated estimate is attached to this inspection report. Calculations estimate the cost of reclamation to be \$267,433. This is an increase of \$35,857 over the current surety of \$231,576 held by the Division. A Notice of Surety Increase will be sent under a separate cover once the operator has had the opportunity to review the estimate and dispute any calculations.

Fish and Wildlife:

Geese were observed on the ponds.

Hydrologic Balance:

Groundwater has been exposed on site. Exposed groundwater is directed through ditches to a discharge point to the south of the pit where water is discharged to the Colorado River under a CDPHE permit. No hydrocarbons are stored on site.

Gen. Compliance With Mine Plan:

The conveyor is utilized to transport material across the Colorado River for easier truck access to I-70. Stockpiles are located near the conveyor. Mining is occurring in the north central region of the permit area – highwall is approximately 25' high. The eastern pond has been reclaimed.

Reclamation Success:

Eastern portions of the permit area have been reclaimed. The slopes of the reclaimed area appear stable with no signs of erosion. The vegetation in the area is diverse and self sustaining. There is a minor infestation of Russian olive trees, but they are very prolific outside of the permit area and the number inside of the reclaimed area was not noted as significant.

Signs and Markers:

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

Topsoil:

Topsoil stockpiles are located to the north of the mining area in the permit boundary. Sufficient topsoil is present to complete reclamation.

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

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

PHOTOGRAPHS



Photo 1: View to the east of proper mine ID sign.



Photo 2: View to the south of conveyor corridor.



Photo 3: View to the south of groundwater. Discharge pipe can be seen in the background.



Photo 4: View to the east of mining area.



Photo 5: View to the south of material sotckpiles



Photo 6: View to the south of reclaimed area.

Inspection Contact Address

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

Enclosure: 2025-06-16 Reclamation Cost Estimate

CC:

COST SUMMARY WORK

Task d	description	n:						
Site: Nor	rth Bank	Resources	Per	mit Action:	2025-06	Permit/Jo	b#: <u>M2006018</u>	
Tas D	sk #:0	/16/2025	ON State: County:	Colorado Garfield		Abbreviation: Filename:		

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	B-Secondary Seeding of upland areas 35% of 5.6	REVEGE	1	3.00	\$3,763
	ac				
01b	B-Secondary Seeding of riparian areas 35% of 3.3	REVEGE	1	2.00	\$3,201
	ac				
02a	A-Demo Conveyor	DEMOLISH	1	40.00	\$60,367
03a	A- Dewater SE pit for grading	PUMPING	1	121.41	\$8,497
03b	A- Dewater SW pit for grading	PUMPING	1	9.16	\$641
04a	A-Reduce slopes to 3H:1V	DOZER	2	55.17	\$35,486
05a	A-Rip compacted areas to be reveg	RIPPER	2	12.46	\$8,580
06a	A-Transport topsoil to E	LOADER	2	39.36	\$12,381
06b	A-Transport topsoil to W	LOADER	2	16.55	\$5,208
06c	A-Distribute topsoil	DOZER	2	15.85	\$10,194
07a	A-Seeding of upland areas	REVEGE	1	23.00	\$42,248
07b	A-Seeding of riparian areas	REVEGE	1	2.50	\$6,333
08a	Initial Mobilization	MOBILIZE	1	2.40	\$10,029
08b	Secondary Mobilization	MOBILIZE	1	2.40	\$1,449
		<u>SUBTC</u>	DTALS:	345.26	\$208,377

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$4,209
Performance bond:	1.05	Total =	\$2,188
Job superintendent:	110.00	Total =	\$8,720
Profit:	10.00	Total =	\$20,838
		TOTAL O & P =	\$35,955
		CONTRACT AMOUNT (direct + O & P) =	\$244,332

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

\$500 4.25		
5.00		2,217
0.00	$Total = _\$0$	
TOTAL IN	NDIRECT COST = \$5	9,055
	4.25 5.00 0.00	4.25 Total = \$1 5.00 \$1

TOTAL BOND AMOUNT (direct + indirect) = _____\$267,432

REVEGETATION WORK

Task description:	-Secondary Seeding of uplan	nd areas 35% of 5.6 ac		
North Bank Resources	Permit Action:	2025-06	Permit/Job#:	M2006018
ROJECT IDENTIFICA	ΓΙΟΝ			
Task #: 01A Date: 6/16/2025	State: Colorado County: Garfield	A		lone 1018-01a
Date: 6/16/2025 User: TJ1		A		

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

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	2.00	78.05	\$58.17
Alkaligrass, Fult's	2.00	55.10	\$14.70
Blue Grama - Native	1.00	16.32	\$21.33
Bottlebrush Squirreltail	1.00	4.41	\$25.41
Galleta	1.00	3.65	\$55.44
Western Wheatgrass - Arriba	2.50	6.31	\$22.58
Saltgrass, Inland	0.50	6.93	\$24.92
Totals Seed Mix	10.00	170.77	\$222.53

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
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Herbicide - Glyphosate (Journey)@ 1.0 pt/ac	1.00	ACRE	\$3.86	\$3.86
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
Total Mulch Materials Cost/Acre				\$993.55

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$85.37
Power mulcher (MEANS 32 91 13.16 0350)		\$157.25
Weed spray, truck, aquatic area, nox. [DMG]		\$79.77
Weed spray, truck, non-aquatic areas, ann. [DMG]		\$27.19
	Total Mulch Application Cost/Acre	\$349.58

NURSERY STOCK PLANTING

8	Acre
φ	
Totals Nursery Stock Cost / Acre \$0.00	

No. of Acres:	1.96	Cost /Acre:	\$1,919.91
Estimated Failure Rate:	0%	Cost /Acre*:	\$0.00
*Selected Replanting Work Items:	NONE		

\$3,763.02
\$0.00
\$3,763
3.00

REVEGETATION WORK

Task descri	ption:	B-Secondary Seeding of ripa	arian areas 35% o	of 3.3 ac	
Site: North Ba	ank Resources	Permit Action:	2025-06	Permit/Jol	o#: <u>M2006018</u>
PROJECT	IDENTIFIC	ATION			
Task #:	01B	State: Colorado		Abbreviation:	None
Date:	6/16/2025	County: Garfield		Filename:	M018-01b
User:	TJ1				
Ag	ency or organiz	ation 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
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.61
Total Tilling Cost/Acre	\$117.61

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	1.50	58.54	\$43.63
Alkali Bulrush	0.10	0.99	\$6.40
Creeping Spike Rush	0.10	1.42	\$14.56
Alkaligrass, Fult's	0.10	2.75	\$0.73
Common Rush	0.90	151.35	\$188.00
Common Three Square	0.80	7.35	\$140.81
Beaked Sedge	1.50	12.48	\$406.65
Softstem Bulrush	0.80	10.10	\$94.15
Torrey's Rush	0.40	96.00	\$110.76
Nebraska Sedge	0.30	6.28	\$44.02

Western Wheatgrass - Native	0.30	0.76	\$2.70
Saltgrass, Inland	0.10	1.39	\$4.98
Totals Seed Mix	6.90	349.42	\$1,057.39

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
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Herbicide - Glyphosate (Journey)@ 1.0 pt/ac	1.00	ACRE	\$3.86	\$3.86
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
Total Mulch Materials Cost/Acre				\$993.55

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$85.37
Power mulcher (MEANS 32 91 13.16 0350)		\$157.25
Weed spray, truck, aquatic area, annuals [DMG]		\$31.79
Weed spray, truck, aquatic area, nox. [DMG]		\$79.77
	Total Mulch Application Cost/Acre	\$354.18

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
		Totals	Nursery Stoc	k Cost / Acre	\$0.00

Estimate *Selected Replanti	No. of Acres: ed Failure Rate: ng Work Items:	0%	Cost /Acre: Cost /Acre*:	
Initial Job Cost:	\$3,200.87			
Reseeding Job Cost:	\$0.00			
Total Job Cost:	\$3,201			
Job Hours:	2.00			

DEMOLITION WORK

,	Task description:	A-Demo Co	onveyor			
Site:	North Bank Resources		Permit Action:	2025-06	Permit/J	ob#: <u>M2006018</u>
PROJE	CT IDENTIFICATION	N				
Task #:	02A	State:	Colorado		Abbreviation:	None
Date:	6/16/2025	County:	Garfield		Filename:	M018-02a
User:	TJ1					
	Agency or organizat	tion name:	DRMS			

UNIT COSTS

Location adjustment: 95.50 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Conveyor-Belt Structure	900 LF x 10'W x 4'H	Conveyor, Demolition Cost only	36,000.00	CF	\$0.44	\$15,685.20
Conveyor-Load/Haul Belt Structure	36000 CF	Loading and 2 mile haul, no salvage - Machine loading	1,333.00	CY	\$21.15	\$28,192.95
Conveyor- Haul Belt Structure	11 mi x 75 Trips	Hauling only, per mile, 12-18 CY truck - 50 mph average speed	825.00	MI	\$4.43	\$3,657.64
Conveyor-Demo Footers	4 pairs	Demo. and on-site disposal in existing pit, 2.0 ft. x 3 ft Max. 10,000 ft. haul	32.00	LF	\$13.88	\$444.11
Conveyor-metal suport load/haul	4 pairs (2'Diam x	Loading and 2 mile haul, no salvage - Machine loading	12.00	CY	\$21.15	\$253.80
Conveyor-metal supports haul	11 mi x 12 cy	Hauling only, per mile, 12-18 CY truck - 50 mph average speed	11.00	MI	\$4.43	\$48.77
Conveyor-Disposal	All non-rubble materials	Dump fees - Building construction materials.	1,345.00	СҮ	\$11.10	\$14,929.50

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	40.00	(unadjusted):	\$63,211.97	location):	\$60,367.43

PUMPING WORK

Task description:	Dewater SE pit for grad	ing		
e: North Bank Resources	Permit Action:	2025-06	Permit/Job#:	M2006018
PROJECT IDENTIFICAT	TION			
Task #: 03A Date: 6/16/2025 User: TJ1	State: Colorado County: Garfield		Abbreviation: Filename:	None M018-03a
Agency or organization	on name: DRMS			
HOURLY EQUIPMENT				
			Orverstites	
	cription mersible pump - 460v, 8 i	n.	Quantity 3	
	tion hose - 6 in. diam., 25		3	
	charge hose - 6 in. D., 25 t		24	
Labor Unit 1: Pun	np operator		1	
Horsepower: 95				
Shift Basis: 1 per day	у			
Weight: 0.70				
(US Tons	s)			
Cost Breakdown:	1			
Ownership Cost/Hour:	\$34.71	Utilization % NA		
Operating Cost/Hour:	\$13.20	100		
Operator Cost/Hour:	\$22.07	NA		
Total Unit Cost/Hour:	\$69.98			
Total Fleet Cost/Hour:	\$69.98			
PUMPING QUANTITIES				
Initial Pond Volume:	164.00		Conversion factor:	325850.5800
Final Pond Volume:	53,439,495.12	gallons	Init inflow note in	
Total Pond Inflow Surface Area:	357,192	Sq. ft.	Unit inflow rate in gph/sq. ft.:	0.3516
Total Pond Inflow Volume		5q. 10.	Spii/3q. it	0.5510
per Hour:	125,588.71	gallons		
Source of estin	mated volume: 8.2 ac 2	0' D		
PUMPING TIME				
	D. C. it	170.000	1 /	
	Pump Capacity: ed Suction Head:		gph/pump feet	
	Discharge Head:		feet	
	Total Head:		feet	
CPB	Pump Capacity:		gph/pump	
	Site Altitude:	5,350 f	feet	
	imping Capacity:		gph	
Initial Unadjusted			nours	
	Initial Pumping: d Pumping Time:		gallons Hours	
	djustment Factor:		(3% rule)	
	Efficiency Factor:		(55 min./hr.)	
	d Pumping Time:		nours	
JOB TIME AND COST		Total job time:	121.42	Hours
Unit cost: \$0,000127	/Gallon	Total job cost	¢Q /07	
Unit cost: \$0.000127	/Gallon	Total job cost:	\$8,497	

PUMPING WORK

Task description: A- L	ewater SW pit for grad	ling		
te: North Bank Resources	Permit Action:	2025-06	Permit/Job#:	M2006018
PROJECT IDENTIFICATI	<u>ON</u>			
Task #: 03B Date: 6/16/2025 User: TJ1	State: <u>Colorado</u> County: <u>Garfield</u>	,	Abbreviation: Filename:	None M018-03b
Agency or organization	name: DRMS			
HOURLY EQUIPMENT C	OST			
	ription		Quantity	
	ersible pump - 460v, 8 i		3	
	on hose - 6 in. diam., 25		3	
	arge hose - 6 in. D., 25 f	t.	24	
Labor Unit 1:Pump	operator		1	
Horsepower:95Shift Basis:1 per dayWeight:0.70(US Tons)				
Cost Breakdown:		Utilization %		
Ownership Cost/Hour:	\$34.71	NA		
Operating Cost/Hour:	\$13.20	100		
Operator Cost/Hour:	\$22.07	NA		
Total Unit Cost/Hour:	\$69.98			
Total Fleet Cost/Hour:	\$69.98			
PUMPING QUANTITIES	φ 09.9 6			
	17.00			
Initial Pond Volume: Final Pond Volume:	<u> </u>	gallons	Conversion factor:	325850.5800
Total Pond Inflow Surface	4,007,750.70	ganons	Unit inflow rate in	
Area:	43,560	Sq. ft.	gph/sq. ft.:	0.3516
Total Pond Inflow Volume			8r	
per Hour:	15,315.70	gallons		
Source of estim	ated volume: <u>1 ac 15'</u>	D		
PUMPING TIME				
Maximum I	Pump Capacity:	170,000	gph/pump	
	I Suction Head:	5	_ gpi/pump feet	
	ischarge Head:	10	feet	
	Total Head:	15	feet	
CPB I	Pump Capacity:	168,000	gph/pump	
	Site Altitude:	5,350	feet	
		504.000	1	
Adjusted Pun Initial Unadjusted	ping Capacity:	<u> </u>	_ gph hours	
Inflow during I		148,531	_ nours gallons	
Net Unadjusted		9.99	Hours	
	ustment Factor:	1.0000	(3% rule)	
Pump Ef	ficiency Factor:	0.9167	(55 min./hr.)	
Total Adjusted	Pumping Time:	9.16	hours	
JOB TIME AND COST		Total job tir	me: 9.16	Hours
Unit cost: \$0.000127	/Gallon	Total job co	ost: \$641	

BULLDOZER WORK

Task description:	A-Reduce slopes	10 311.1 1			
: _North Bank Resource	s Peri	mit Action:	2025-06	Permit/Job#:	M2006018
PROJECT IDENTIFI	CATION				
Task #: 04A	State:	Colorado		Abbreviation:	None
Date: 6/16/2025	County:	Garfield		Filename:	M018-04a
User: TJ1					
Agency or organ	nization name: DR	RMS			
HOURLY EQUIPME	NT COST				
Basic Machine: Cat	D8T - 8SU				
Horsepower: 310					
• 1	ni-Universal				
Attachment: NA	1				
	er day				
Data Source: (CR	(G)				
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: Total unit Cost/Hour: Total Fleet Cost/Hour:	\$321.62 \$643.23	\$38.59	NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT	\$643.23 ITIES	\$38.59	NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume:27,14	\$643.23 ITIES 47	\$38.59	NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 27,14 Swell factor: 1.050	\$643.23 ITIES 47	\$38.59	NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: <u>MATERIAL QUANT</u> Initial Volume: 27,14 Swell factor: 1.050 Loose volume: 28,50	\$643.23 ITIES 47 0 04 LCY		NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: <u>MATERIAL QUANT</u> Initial Volume: 27,14 Swell factor: 1.050 Loose volume: 28,50 Source of estimated volur	\$643.23 ITIES 47 0 04 LCY ne:	 mates	NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 27,14 Swell factor: 1.050 Loose volume: 28,50	\$643.23 <u>ITIES</u> 47 0 04 LCY ne:Staff Estimation 24 Staff Estimation 25 Staff Estimation 26 Staff Estimation 27 Staff Estimation 28 Staff Estimation 29 Staff Estimation 20 Staff Es	 mates			
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 27,14 Swell factor: 1.050 Loose volume: 28,50 Source of estimated volur Source of estimated swell	\$643.23 ITIES 47) 04 LCY ne: <u>Staff Estin</u> factor: <u>Cat Hand</u>	 mates			
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 27,14 Swell factor: 1.050 Loose volume: 28,50 Source of estimated volur Source of estimated swell HOURLY PRODUCT	\$643.23 ITIES 47 0 04 LCY ne: <u>Staff Esti</u> factor: <u>Cat Hand</u> CION	 mates	NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 27,14 Swell factor: 1.050 Loose volume: 28,50 Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance:	\$643.23 ITIES 47 0 04 LCY ne: <u>Staff Estiments</u> factor: <u>Cat Hand</u> <u>TON</u> 100 feet	mates book			
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 27,14 Swell factor: 1.050 Loose volume: 28,50 Source of estimated volur Source of estimated swell HOURLY PRODUCT	\$643.23 ITIES 47 0 04 LCY ne: <u>Staff Estiments</u> factor: <u>Cat Hand</u> <u>TON</u> 100 feet	mates book			
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 27,14 Swell factor: 1.050 Loose volume: 28,50 Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance:	\$643.23 ITIES 47 0 04 LCY 04 LCY ne: Staff Estimation factor: Cat Hand CION 100 feet ettion: 852.6 LCY/	mates book	 mbankment 0.9		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 27,14 Swell factor: 1.050 Loose volume: 28,50 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly produc Materials consistency des	\$643.23 ITIES 47 0 04 LCY ne: Staff Estimation factor: Cat Hand CION etion: 100 feet 852.6 LCY/ cription: Compa	mates book			
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 27,14 Swell factor: 1.050 Loose volume: 28,50 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly produc Materials consistency des Average push gradient:	\$643.23 ITIES 47 0 04 LCY ne: Staff Estimation factor: Cat Hand TION ction: 100 feet s52.6 LCY/ cription: Compa 0 %	mates book			
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Task # 04A

Job efficience	cy: 0.830	(1 SHIFT/DAY)		
Spoil pi	le: 0.800	(FND-RF)		
Push gradie	nt: 1.000	(CAT HB)		
Altitud	le: 1.000	(CAT HB)		
Material Weig	ht: 0.676	(CAT HB)		
Blade typ	pe: 1.000	(PAT)		
Net correction: 0.3030				
Adjusted unit production:	258.34 LCY/hr			
Adjusted fleet production:	516.68 LCY/hr			

Fleet size:	2 Dozer(s)
Unit cost:	\$1.245/LCY

Total job time:	55.17 Hours
Total job cost:	\$35,486

BULLDOZER RIPPING WORK

	Task description	A-R	ip compacted areas to be	reveg			
Site	: North Bank F	Resources	Permit Action:	2025-06	Permi	t/Job#: <u>M20</u>	06018
	PROJECT ID	ENTIFICATI	<u>ON</u>				
	Task #: 05 Date: 6/1 User: TJ	6/2025	State: Colorado County: Garfield		Abbrevia Filer	ation: <u>None</u> name: <u>M018</u>	
	Agency	or organization	name: DRMS				
	HOURLY EQ	•					
			DOT OCU		Horsepower:	310	
		tachment: $3-S$			Shift Basis:	1 per day	
					Data Source:	(CRG)	
	Cost Breakdown	<u>:</u>		I			
		Ownership C	ost/Hour:	\$173.32	Utilization % NA		
		Operating Co	ost/Hour:	\$109.71	100		
		er Ownership Co	ost/Hour:	\$14.53	NA		
	Rip	per Operating Co Operator Co		\$7.95 \$38.59	100 NA		
		Total Unit Co		\$344.10	NA		
		Total Fleet Co		.19			
	MATERIAL (DUANTITIES	Sele	cted estimating	method: Area		
	Alternate Method	<u>ds:</u>					
Seismic:	NA		Bank Volume:	NA	BCY	NA	
Area:	16.00	acres	Rip Depth (ft):	2.00	Volume: 51,6	27	BCY or CCY
		Source of estin	mated quantity: Staff Es	stimates			
	HOURLY PR	ODUCTION					
	Seismic:						
	<u>bershile.</u>		Seismic Velocity:	NA	feet/second		
	Area:						
	<u></u>		e Ripping Depth:	2.56	feet/pass		
			e Ripping Width:	7.08	feet/pass		
			e Ripping Length: age Dozer Speed:	200.00 88.00	feet/pass feet/minute		
			Maneuver Time:	0.25	minutes/pas	S	
		Produc	tion per unit area:	0.773	acres/hour		
	Job Condition Co	orrection Factors	<u>i</u>				
	Ur	adjusted Hourly	Unit Production:	0.773	Acres/hr		
			Site Altitude:	5,350	feet		
			Altitude Adj:	1.00	(CAT HB)		
			Job Efficiency: Net Correction:	0.83	(1 shift/day) multiplier)	
		A 1 . 4					
			Hourly Unit Production: Hourly Fleet Production:	0.64	Acres/hr Acres/hr		
	JOB TIME AN	·	,				
	Fleet size:	2	_ Grader(s)	Total job time	e: <u>12.4</u>	7	Hours
	Unit cost:	\$536.229	Per acre	Total job cos	t: \$8,58	0	

WHEEL LOADER - LOAD AND CARRY WORK

PROJECT IDENTIFICATION Task #: 06A State: Colorado Abbreviation: None Date: 6/16/2025 County: Garfield Filename: M018-06 User: TJ1	Colscience Solution in the image of the image	Task description: A-7	Fransport topsoil to E				
Task #: 06A State: Colorado Abbreviation: None Date: 6/16/2025 County: Garfield Filename: M018-06 User: TJ1	Task #: 06A State: Colorado Abbreviation: None Date: 6/16/2025 County: Garfield Filename: M018-06a User: TJ1	North Bank Resources	Permit Action:	2025-06	Permit/	Job#: <u>M200601</u>	
Task #: 06A State: Colorado Abbreviation: None Date: 6/16/2025 County: Garfield Filename: M018-06 User: TJ1	Task #: 06A State: Colorado Abbreviation: None Date: 6/16/2025 County: Garfield Filename: M018-06a User: TJ1	PROJECT IDENTIFICAT	ION				
Date: 6/16/2025 County: Garfield Filename: M018-06 User: TJ1	Date: 6/16/2025 County: Garfield Filename: M018-06a User: T11				Abbreviat	ion: None	
User: T11 Agency or organization name: DRMS IOURLY EQUIPMENT COST Basic Machine: CAT 972H Attachment 1: ROPS Cab Shift Basis: 1 per day Data Source: (CRG) 'oost Breakdown: Utilization % Ownership Cost/Hour: \$62.43 NA Operating Cost/Hour: \$57.98 100 Operator Cost/Hour: \$36.85 NA Operator Cost/Hour: \$3157.26 Total Unit Cost/Hour: \$314.53 MATERIAL QUANTITIES LCY Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated swell factor: Cat Handbook IOURLY PRODUCTION Outperator (nin.) Outperator (nin.) Outperator (non.) Outperator (non.) Outperator or odzer piled 10 ft. high or less 0.01 Outperator (non.) Outperator (non.) Outperator (non.) Outperator (non.) Outperator (non.) <td colspan<="" td="" td<=""><td>User: TJ1 Agency or organization name: DRMS DURLY EQUIPMENT COST Basic Machine: CAT 972H Horsepower: 287 Attachment 1: ROPS Cab Shift Basis: 1 per day Data Source: (CRG) at Breakdown: Ownership Cost/Hour: \$62.43 NA Operating Cost/Hour: \$57.98 100 Operator Cost/Hour: \$157.26 Total Unit Cost/Hour: \$157.26 Total Fleet Cost/Hour: \$114.53 ATERIAL OUANTITIES Initial volume: 19,360 CCY Swell factor: 1.115 Loose volume: 21,586 LCY Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated swell factor: Cat Handbook DURLY PRODUCTION ader Cycle Time; Unadjusted Basic Cycle Time (load, dump, maneuver): 0.525 minute Cycle Time Factors Factors Factor (min.) Source Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB Stockpile: Converse piled 10 ft. high or less 0.01 0.010 (Cat HB Truck Ownership Constant operation -0.04 -0.040 (Cat HB Dump Target: Nominal target 0.00 0.000 (Cat HB Dump Target: Nominal target 0.00 0.000 (Cat HB Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB Stockpile: Converse piled 10 ft. high or less 0.01 0.010 (Cat HB Net Cycle Time Adjustnent: -0.090 minutes Adjusted Basic Cycle Time (0.435 minutes Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0 Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0</td><td></td><td>-</td><td></td><td></td><td></td></td>	<td>User: TJ1 Agency or organization name: DRMS DURLY EQUIPMENT COST Basic Machine: CAT 972H Horsepower: 287 Attachment 1: ROPS Cab Shift Basis: 1 per day Data Source: (CRG) at Breakdown: Ownership Cost/Hour: \$62.43 NA Operating Cost/Hour: \$57.98 100 Operator Cost/Hour: \$157.26 Total Unit Cost/Hour: \$157.26 Total Fleet Cost/Hour: \$114.53 ATERIAL OUANTITIES Initial volume: 19,360 CCY Swell factor: 1.115 Loose volume: 21,586 LCY Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated swell factor: Cat Handbook DURLY PRODUCTION ader Cycle Time; Unadjusted Basic Cycle Time (load, dump, maneuver): 0.525 minute Cycle Time Factors Factors Factor (min.) Source Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB Stockpile: Converse piled 10 ft. high or less 0.01 0.010 (Cat HB Truck Ownership Constant operation -0.04 -0.040 (Cat HB Dump Target: Nominal target 0.00 0.000 (Cat HB Dump Target: Nominal target 0.00 0.000 (Cat HB Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB Stockpile: Converse piled 10 ft. high or less 0.01 0.010 (Cat HB Net Cycle Time Adjustnent: -0.090 minutes Adjusted Basic Cycle Time (0.435 minutes Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0 Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0</td> <td></td> <td>-</td> <td></td> <td></td> <td></td>	User: TJ1 Agency or organization name: DRMS DURLY EQUIPMENT COST Basic Machine: CAT 972H Horsepower: 287 Attachment 1: ROPS Cab Shift Basis: 1 per day Data Source: (CRG) at Breakdown: Ownership Cost/Hour: \$62.43 NA Operating Cost/Hour: \$57.98 100 Operator Cost/Hour: \$157.26 Total Unit Cost/Hour: \$157.26 Total Fleet Cost/Hour: \$114.53 ATERIAL OUANTITIES Initial volume: 19,360 CCY Swell factor: 1.115 Loose volume: 21,586 LCY Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated swell factor: Cat Handbook DURLY PRODUCTION ader Cycle Time; Unadjusted Basic Cycle Time (load, dump, maneuver): 0.525 minute Cycle Time Factors Factors Factor (min.) Source Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB Stockpile: Converse piled 10 ft. high or less 0.01 0.010 (Cat HB Truck Ownership Constant operation -0.04 -0.040 (Cat HB Dump Target: Nominal target 0.00 0.000 (Cat HB Dump Target: Nominal target 0.00 0.000 (Cat HB Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB Stockpile: Converse piled 10 ft. high or less 0.01 0.010 (Cat HB Net Cycle Time Adjustnent: -0.090 minutes Adjusted Basic Cycle Time (0.435 minutes Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0 Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0		-			
IOURLY EQUIPMENT COST Basic Machine: CAT 972H ROPS Cab Horsepower: 287 Attachment 1: ROPS Cab Data Source: (CRG) Ost Breakdown: Utilization % Data Source: (CRG) Ownership Cost/Hour: \$52.43 NA Operating Cost/Hour: \$57.98 100 Operator Cost/Hour: \$57.98 100 Operator Cost/Hour: \$36.85 NA Total Unit Cost/Hour: \$157.26 Total Fleet Cost/Hour: \$314.53 Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated volume: CCY Source of cell A) Source of cell A) Source of estimated volume:	DURLY EQUIPMENT COST Basic Machine: CAT 972H Horsepower: 287 Shift Basis: 1 per day Data Source: (CRG) st Breakdown: Utilization % Ownership Cost/Hour: \$62.43 NA Operating Cost/Hour: \$357.98 100 Operator Cost/Hour: \$36.85 NA Total Unit Cost/Hour: \$314.53 Attachment 1 19,360 CCY Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated swell factor: Cat Handbook DURLY PRODUCTION 2 -0.020 (Cat HB Stockpile: Convership Constant operation -0.04 -0.040 (Cat HB Operation: Constant operation -0.04 -0.040 (Cat HB Dump Target: Nominal target 0.00 0.0000 (Cat HB Dump Target: Nominal target 0.00 0.000 (Cat HB Dump Target: Nominal target 0.01 0.010 (Cat HB Dump Target: Nom				i nenu		
Basic Machine: CAT 972H Horsepower: 287 Attachment 1: ROPS Cab Shift Basis: 1 per day Data Source: (CRG) Sost Breakdown: Utilization % Ownership Cost/Hour: \$62.43 NA Operating Cost/Hour: \$57.98 100 Operator Cost/Hour: \$36.85 NA Total Unit Cost/Hour: \$314.53 MATERIAL OUANTITIES Initial volume: 19,360 CCY Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated volume: Cat Handbook Horter In Factors Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat Handbook Nource of estimated Basic Cycle Time (load, dump, maneuver): 0.525 minute Ouger Trucks and loaders -0.04 -0.040 (Cat Handbook Outer Time: Unadjusted Basic Cycle Time (load, dump, maneuver): 0.525 minute	Basic Machine: CAT 972H Horsepower: 287 Attachment 1: ROPS Cab Shift Basis: I per day bata Source: (CRG) gata Source: (CRG) st Breakdown: Utilization % Operating Cost/Hour: \$62.43 NA Operating Cost/Hour: \$57.98 100 Operator Cost/Hour: \$36.85 NA Operator Cost/Hour: \$3157.26 Total Unit Cost/Hour: \$314.53 Source of estimated volume: 1.115 ATERIAL QUANTITIES Initial volume: 19,360 CCY Swell factor: 1.115 Loose volume: 21,586 LCY Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated swell factor: Source of estimated swell factor: Cat Handbook Cat Handbook OURLY PRODUCTION atterial: Material 1/8" to 3/4" diameter -0.02 Factor (min.) Source Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB Truck Ownership: Common ownership of trucks and loaders -0.04 -0.040 (Cat HB Truck Ownership: Common ownership of trucks and loaders -0.04 -0.040	Agency or organization	n name: DRMS				
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Cost Breakdown: Data Source: (CRG) Cost Breakdown: Utilization % Operating Cost/Hour: \$62.43 NA Operating Cost/Hour: \$57.98 100 Operator Cost/Hour: \$36.85 NA Total Unit Cost/Hour: \$157.26 Total Fleet Cost/Hour: \$314.53 MATERIAL QUANTITIES Initial volume: 19,360 CCY Swell factor: 1.115 Loose volume: 21,586 LCY Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated swell factor: Cat Handbook HOURLY PRODUCTION	Data Source: (CRG) st Breakdown: Utilization % Ownership Cost/Hour: \$52.43 NA Operating Cost/Hour: \$57.98 100 Operator Cost/Hour: \$36.85 NA Total Unit Cost/Hour: \$157.26 Total Fleet Cost/Hour: \$314.53 ATERIAL QUANTITIES Initial volume: 19,360 CCY Swell factor: 1.115 Loose volume: 21,586 LCY Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A) Source of estimated swell factor: Cat Handbook DURLY PRODUCTION ader Cycle Time: Unadjusted Basic Cycle Time (load, dump, maneuver): 0.525 minute Cycle Time Factors Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB Stockpile: Conveyor or dozer piled 10 ft. high or less 0.01 0.010 (Cat HB Operation: Constant operation -0.04 -0.040 (Cat HB Dump Target: Nominal target 0.00 0.000 (Cat HB Dump Target: Nominal target 0.00 0.0435 minutes Adjusted Basic Cyc					1 per day	
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Cycle Time Factors Factor (min.) Source Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat Hi Stockpile: Conveyor or dozer piled 10 ft. high or less 0.01 0.010 (Cat Hi Truck Ownership: Common ownership of trucks and loaders -0.04 -0.040 (Cat Hi Operation: Constant operation -0.04 -0.040 (Cat Hi Dump Target: Nominal target 0.00 0.000 (Cat Hi Adjusted Basic Cycle Time 0.435 minute Rolling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0	Cycle Time Factors Factor (min.) Source Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB Stockpile: Conveyor or dozer piled 10 ft. high or less 0.01 0.010 (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: -0.090 minutes Adjusted Basic Cycle Time: 0.435 minutes Iling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0 Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0 5.0	HOURLY PRODUCTION					
Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HI Stockpile: Conveyor or dozer piled 10 ft. high or less 0.01 0.010 (Cat HI Truck Ownership: Common ownership of trucks and loaders -0.04 -0.040 (Cat HI Operation: Constant operation -0.04 -0.040 (Cat HI Dump Target: Nominal target 0.00 0.000 (Cat HI Net Cycle Time Adjustment: -0.090 minute Adjusted Basic Cycle Time: 0.435 minute Rolling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0	Material: Material 1/8" to 3/4" diameter -0.02 -0.020 (Cat HB Stockpile: Conveyor or dozer piled 10 ft. high or less 0.01 0.010 (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: -0.040 minutes Adjusted Basic Cycle Time: 0.435 minutes Iling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0 Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0 5.0	Loader Cycle Time: Una	adjusted Basic Cycle Time	e (load, dump, maneuver	·): 0.52	25 minutes	
Stockpile: Conveyor or dozer piled 10 ft. high or less 0.01 0.010 (Cat HI Truck Ownership: Common ownership of trucks and loaders -0.04 -0.040 (Cat HI Operation: Constant operation -0.04 -0.040 (Cat HI Dump Target: Nominal target 0.00 0.000 (Cat HI Net Cycle Time Adjustment: -0.090 minute Adjusted Basic Cycle Time: 0.435 minute Rolling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0	Stockpile: Conveyor or dozer piled 10 ft. high or less 0.01 0.010 (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: -0.040 minutes Adjusted Basic Cycle Time: 0.435 minutes Iling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0 Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0 5.0	Cycle Time Factors			Factor (min	n.) Source	
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Operation: Constant operation -0.04 -0.040 (Cat HI Dump Target: Nominal target 0.00 0.000 (Cat HI Net Cycle Time Adjustment: -0.090 minute Adjusted Basic Cycle Time: 0.435 minute Rolling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0	Operation: Constant operation -0.04 -0.040 (Cat HB Dump Target: Nominal target 0.00 0.000 (Cat HB Net Cycle Time Adjustment: -0.090 minutes Adjusted Basic Cycle Time: 0.435 minutes Iling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0 Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0					(Cat HB)	
Dump Target: Nominal target 0.00 (Cat HI Net Cycle Time Adjustment: -0.090 minute Adjusted Basic Cycle Time: 0.435 minute Rolling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0	Dump Target: Nominal target 0.00 (Cat HB Net Cycle Time Adjustment: -0.090 minutes Adjusted Basic Cycle Time: 0.435 minutes Iling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0 Return: Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0 Kategorie Kategorie			cks and loaders -0.04			
Net Cycle Time Adjustment: -0.090 minute Adjusted Basic Cycle Time: 0.435 minute Rolling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0	Net Cycle Time Adjustment: -0.090 minutes Adjusted Basic Cycle Time: 0.435 minutes Iling Resistance – Road Conditions						
Adjusted Basic Cycle Time: 0.435 minute Rolling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0	Adjusted Basic Cycle Time: 0.435 minutes Iling Resistance – Road Conditions	Dump Target: 1					
Rolling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0	Iling Resistance – Road Conditions Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0 Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0						
Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0	Haul:Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0Return:Rutted dirt, little maintenance, no water, 2" tire penetration 5.0		Adjus	ted Basic Cycle Time:	0.435	minutes	
	Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0	Rolling Resistance – Road Con	ditions				
	Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0	Haul: So	ft. rutted dirt. no maintena	nce or water. 4" tire pen	etration 8.0		
	al and Return Time		,, _,, _	, :, _ pono			

	Length	Grade Res.	Rolling	Total Res.	Travel Time	Source
	(feet)	(%)	Res. (%)	(%)	(minutes)	Source
Haul Route:	350	-2.00	8.00	6.00	0.3485	(Cat HB)
Return Route:	350	2.00	5.00	7.00	0.3353	(Cat HB)
			1			· · · · · · · · · · · · · · · · · · ·

			Total Travel T Total Cycle T		_ minutes _ minutes
Load Bucket Capacity					
Rated Capacit	•	LCY (heap	. ,		
Bucket Fill Facto Adjusted Capacit		Other - roo LCY	ck/dirt mixtures	(100-120%) 1.100	
Job Condition Correction Site Altitude: 5350 feet	n Factors				
		Source			
Altitude Adj:	1.00	(CAT HB)			
Job Efficiency:	0.83	(1 shift/day	/)		
Net Correction:	0.83	multiplier			
Un	adjusted Hourly Un	it Production:	330.34	LCY/Hour	
1	Adjusted Hourly Un	it Production:	274.18	LCY/Hour	
A	djusted Hourly Fle	et Production:	548.36	LCY/Hour	
JOB TIME AND CO Fleet size:	2 Loader(s)	Total job time:	39.37	Hours
		5)	rotar job tille.		110018

Unit cost: \$0.574 /LCY	Total job cost:	\$12,381	
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WHEEL LOADER - LOAD AND CARRY WORK

Task description:	A-Trans	port topsoil to W	/			
North Bank Resour	ces	Permit Actio	on: <u>2025-06</u>		Permit/Job#:	M2006018
PROJECT IDENTI	FICATION					
Task #: 06B		State: Colora	do		Abbreviation:	None
Date: 6/16/2025	5 C	County: Garfie			Filename:	M018-06b
User: TJ1		·				
Agency or org	anization nam	e: DRMS				
HOURLY EQUIPM	ENT COST					
Basic Machine:	CAT 972H			Horsep	ower:	287
Attachment 1:	ROPS Cab		-	Shift H		ber day
			-	Data So		CRG)
Cost Breakdown:			Utilizatio	n %		
Ownership Cos	/Hour	\$62.43	NA	11 /0		
Operating Cost		\$57.98	100			
Operator Cost		\$36.85	NA			
Total Unit Cost		\$157.26				
Total Fleet Cos	st/Hour:	\$314.53				
Initial volume: Loose volume:	6,453 7,195	CCY	Swe	ell factor: <u>1.</u>	115	
Source	e of estimated			at 12" depth (V	West side of cell A	()
Source of e	estimated swel	l factor: Cat H	landbook			
HOURLY PRODUC	CTION					
Loader Cycle Time:	Unadjuste	ed Basic Cycle Ti	me (load, dumj	p, maneuver):	0.525	minutes
Cycle Time Fac	tors				Factor (min.)	Source
Mate		al 1/8" to 3/4" dia	ameter -0.02		-0.020	(Cat HB)
Stock		yor or dozer piled		less 0.01	0.010	(Cat HB)
Truck Owners		on ownership of			-0.040	(Cat HB)
Operat		nt operation -0.04	4		-0.040	(Cat HB)
Dump Tar	get: Nomin	al target 0.00			0.000	(Cat HB)
			Cycle Time Ad		-0.090	minutes
		Ad	justed Basic Cy	cle Time:	0.435	minutes
Rolling Resistance – Ro	oad Conditions	5				
reoning reosistance it.						
-		ad dist no mainte	nonce en mot	1" ting man -t-	ation 80	
Hau	1: Soft, rutt	ed dirt, no mainte	enance or water	, 4" tire penetr	ation 8.0	
Hau Return	1: Soft, rutt	ed dirt, no mainte rt, little maintena	enance or water	, 4" tire penetrat 2" tire penetrat	ation 8.0 tion 5.0	
Hau	1: Soft, rutt	ed dirt, no mainte rt, little maintena	enance or water ince, no water,	r, 4" tire penetr 2" tire penetrat	ation 8.0 tion 5.0	
Hau Return	1: Soft, rutt	ed dirt, no mainte rt, little maintena Grade Res.	enance or water ince, no water, T Rolling	4" tire penetra 2" tire penetrat Total Res.	ation 8.0 tion 5.0	Source

(%)

-2.00

2.00

8.00

5.00

Haul Route:

Return Route:

500

500

0.4979

0.4790

(Cat HB)

(Cat HB)

6.00

7.00

			Total Travel T Total Cycle T		minutes minutes
Load Bucket Capacity					
Rated Capac	ity: 5.60	LCY (hea	iped)		
Bucket Fill Fac	tor: 1.100	Other - ro	ck/dirt mixtures	(100-120%) 1.100	
Adjusted Capac	ity: 6.16	LCY			
Job Condition Correcti Site Altitude: <u>5350</u> fee					
		Source			
Altitude Adj:	1.00	(CAT HB	5)		
Job Efficiency:	0.83	(1 shift/da	y)		
Net Correction:	0.83	multiplier			
Ŭ	nadjusted Hourly Ur	nit Production:	261.77	LCY/Hour	
	Adjusted Hourly Ur	nit Production:	217.27	LCY/Hour	
	Adjusted Hourly Fle	et Production:	434.54	LCY/Hour	
JOB TIME AND C	<u>OST</u>				
Fleet size:	2 Loader((s)	Total job time:	16.56	Hours

Unit cost:	\$0.724	/LCY	Total job cost:	\$5,208

BULLDOZER WORK

Task description:	A-Distribute top				
North Bank Resources	Per	mit Action:	2025-06	Permit/Job#:	M2006018
PROJECT IDENTIFIC	CATION				
Task #: 06C Date: 6/16/2025 User: TJ1	State: County:	Colorado Garfield		Abbreviation: Filename:	None M018-06c
Agency or organiz	zation name:	RMS			
HOURLY EQUIPMEN	<u>IT COST</u>				
	08T - 8SU				
Horsepower: 310	TT:::::::::				
	-Universal				
Attachment: <u>NA</u>	day				
Shift Basis: <u>1 per</u> Data Source: (CRC					
	J)				
Cost Breakdown:					
			<u>Utilization %</u>		
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		
		¢20 50	NT A		
Operator Cost/Hour:	\$321.62 \$643.23	\$38.59	NA		
Total unit Cost/Hour:	\$643.23 <u>TIES</u>	\$38.3¥	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTI Initial Volume:29,040	\$643.23 <u>TIES</u>	\$38.39 	NA		
Total unit Cost/Hour:	\$643.23 <u>TIES</u>)	\$38.39	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTI Initial Volume: 29,040 Swell factor: 1.000 Loose volume: 29,040 Source of estimated volume Source of estimated volume Source of estimated swell f HOURLY PRODUCTI Average push distance: Unadjusted hourly producti	\$643.23 <u>TIES</u>) <u>DLCY</u> e: <u>18 ac 12"</u> cactor: <u>Cat Hand</u> <u>CON</u> <u>50 feet</u> ion: <u>1,400.0 LC</u>	 lbook Y/hr	volume		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTI Initial Volume: 29,040 Swell factor: 1.000 Loose volume: 29,040 Source of estimated volume Source of estimated volume Source of estimated swell f HOURLY PRODUCTI Average push distance:	\$643.23 <u>TIES</u>) <u>DLCY</u> e: <u>18 ac 12"</u> cactor: <u>Cat Hand</u> <u>CON</u> <u>50 feet</u> ion: <u>1,400.0 LC</u>	' transported	volume		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTI Initial Volume: 29,040 Swell factor: 1.000 Loose volume: 29,040 Source of estimated volume Source of estimated volume Source of estimated swell f HOURLY PRODUCTI Average push distance: Unadjusted hourly producti Materials consistency descr	\$643.23 <u>TIES</u>) <u>DLCY</u> e: <u>18 ac 12"</u> cactor: <u>Cat Hand</u> <u>CON</u> <u>50 feet</u> ion: <u>1,400.0 LC</u>	 lbook Y/hr	volume		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTI Initial Volume: 29,040 Swell factor: 1.000 Loose volume: 29,040 Source of estimated volume Source of estimated volume Source of estimated swell f HOURLY PRODUCTI Average push distance: Unadjusted hourly producti Materials consistency descr Average push gradient:	\$643.23 TIES) D LCY e: <u>18 ac 12"</u> actor: <u>Cat Hand</u> (ON (ON (ON 50 feet 1,400.0 LC ription: <u>Loose s</u> 0 %	 lbook Y/hr	volume		
Total unit Cost/Hour: Total Fleet Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTIT Initial Volume: 29,040 Swell factor: 1.000 Loose volume: 29,040 Source of estimated volume 29,040 Source of estimated volume 29,040 Source of estimated volume 29,040 Materials consistency descr 1.000 Loose volume: 29,040 Source of estimated volume 29,040 Source of estimated swell f 1.000 Materials consistency descr 1.000 Average push distance: 1.000 Materials consistency descr 1.000 Average push gradient: 1.000 Average site altitude: 1.000	\$643.23 TIES) D LCY e: <u>18 ac 12"</u> Cat Hand CON ion: <u>50 feet</u> ion: <u>1,400.0 LC</u> ription: <u>Loose s</u> <u>0 %</u> 5,350 feet	 lbook Y/hr	volume		
Total unit Cost/Hour: Total Fleet Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTIT Initial Volume: 29,040 Swell factor: 1.000 Loose volume: 29,040 Source of estimated volume 29,040 Materials consistency description: 29,040 Average push distance: 1000 Unadjusted hourly production Materials consistency description: Average site altitude:	\$643.23 TIES) D LCY e: <u>18 ac 12"</u> Cat Hand CON 50 feet 1,400.0 LC ription: Loose s 0 % 5,350 feet 2,100 lbs/LCY Earth - Loam	 lbook Y/hr	volume		
Total unit Cost/Hour: Total Fleet Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTIT Initial Volume: 29,040 Swell factor: 1.000 Loose volume: 29,040 Source of estimated volume 29,040 Materials consistency descr 1.000 Average push distance: 1.000 Unadjusted hourly producti Materials consistency descr Average push gradient:	\$643.23 TIES) D LCY e: <u>18 ac 12"</u> Cat Hand CON ion: <u>50 feet</u> 1,400.0 LC ription: Loose s 0 % 5,350 feet 2,100 lbs/LCY Earth - Loam Cator	 lbook Y/hr	volume		
Total unit Cost/Hour: Total Fleet Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTI Initial Volume: 29,040 Swell factor: 1.000 Loose volume: 29,040 Source of estimated volume 29,040 Average push distance: 100 Average push gradient:	\$643.23 TIES TIES TIES TES TES TES TES TES TES TES TES TES T	Y/hr stockpile 1.2	volume		
Total unit Cost/Hour:	\$643.23 TIES) D LCY e: 18 ac 12" actor: Cat Hand (ON ion: 50 feet 1,400.0 LC ription: Loose s 0 % 5,350 feet 2,100 lbs/LCY Earth - Loam Earth - Loam Sactor sill: 0. log: 1.	Y/hr stockpile 1.2	volume		

Task # 06C

Job efficience	cy: 0.830	(1 SHIFT/DAY)
Spoil pi	le: 0.800	(FND-RF)
Push gradie	nt: 1.000	(CAT HB)
Altituc	le: 1.000	(CAT HB)
Material Weig	ht: 1.095	(CAT HB)
Blade typ	be: 1.000	(PAT)
Net correction	on:0.6544	
Adjusted unit production:	916.16 LCY/hr	
Adjusted fleet production:	1832.32 LCY/hr	

Fleet size:	2 Dozer(s)
Unit cost:	\$0.351/LCY

Total job time:	15.85 Hours
Total job cost:	\$10,194

REVEGETATION WORK

Task	k descrip	tion:	A-Seeding of upland areas				
Site: <u>North Bank Resources</u>		nk Resources	Permit Action:	Permit Action: 2025-06 Permit/J		ob#: <u>M2006018</u>	
<u>PRO</u>)JECT I	DENTIFIC	ATION				
Т	Гask #:	07A	State: Colorado		Abbreviation:	None	
	Date:	6/16/2025	County: Garfield		Filename:	M018-07a	
	User:	TJ1					

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

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	2.00	78.05	\$58.17
Alkaligrass, Fult's	2.00	55.10	\$14.70
Blue Grama - Native	1.00	16.32	\$21.33
Bottlebrush Squirreltail	1.00	4.41	\$25.41
Galleta	1.00	3.65	\$55.44
Western Wheatgrass - Arriba	2.50	6.31	\$22.58
Saltgrass, Inland	0.50	6.93	\$24.92
Totals Seed Mix	10.00	170.77	\$222.53

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
			\$	\$
Total Mulch Materials Cost/Acre				\$

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$85.37
Power mulcher (MEANS 32 91 13.16 0350)		\$157.25
Weed spray, truck, aquatic area, nox. [DMG]		\$79.77
Weed spray, truck, non-aquatic areas, ann. [DMG]		\$27.19
	Total Mulch Application Cost/Acre	\$349.58

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
		Totals 2	Nursery Stoc	ek Cost / Acre	\$0.00

	No. of Acres:		-	e: \$1,919.91
Estimate	ed Failure Rate:	35%	Cost /Acre	*: \$1,919.91
*Selected Replanting	ng Work Items:	TILLING,SEEDIN	IG,MULCHING	
Initial Job Cost:	\$31,294.53			
Reseeding Job Cost:	\$10,953.09			
Total Job Cost:	\$42,248			
Job Hours:	23.00			

REVEGETATION WORK

Task descr	iption:	A-Seeding of riparian areas				
Site: North Bank Resources		Permit Action:	2025-06	Permit/Job#: M2006018		
PROJECT	IDENTIFIC	ATION				
Task #: Date:		State: <u>Colorado</u> County: Garfield		Abbreviation: Filename:	None M018-07b	
User:	TJ1	•				

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

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	1.50	58.54	\$43.63
Alkali Bulrush	0.10	0.99	\$6.40
Creeping Spike Rush	0.10	1.42	\$14.56
Alkaligrass, Fult's	0.10	2.75	\$0.73
Common Rush	0.90	151.35	\$188.00
Common Three Square	0.80	7.35	\$140.81
Beaked Sedge	1.50	12.48	\$406.65
Softstem Bulrush	0.80	10.10	\$94.15
Torrey's Rush	0.40	96.00	\$110.76
Nebraska Sedge	0.30	6.28	\$44.02

Western Wheatgrass - Native	0.30	0.76	\$2.70
Saltgrass, Inland	0.10	1.39	\$4.98
Totals Seed Mix	6.90	349.42	\$1,057.39

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
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Herbicide - Glyphosate (Journey)@ 1.0 pt/ac	1.00	ACRE	\$3.86	\$3.86
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
Total Mulch Materials Cost/Acre				\$993.55

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$85.37
Power mulcher (MEANS 32 91 13.16 0350)		\$157.25
Weed spray, truck, aquatic area, annuals [DMG]		\$31.79
Weed spray, truck, aquatic area, nox. [DMG]		\$79.77
	Total Mulch Application Cost/Acre	\$354.18

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
Totals Nursery Stock Cost / Acre					\$0.00

No. of Acres: Estimated Failure Rate: *Selected Replanting Work Items:	35%	Cost /Acre: Cost /Acre*: G.MULCHING	
Selected Replanning Work Reins: Initial Job Cost: \$4,690.93 Reseeding Job Cost: \$1,641.83 Total Job Cost: \$6,333 Job Hours: 2.50			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Init	ial Mobilization					
e: <u>North Bank Re</u>	sources	Permit	Action: 2025-	-06		Permit/Job#: <u>M</u>	2006018
PROJECT IDEN	TIFICATI	<u>ON</u>					
Task #: 08A Date: 6/16 User: TJ1	/2025		olorado arfield			eviation: None ilename: M018	
Agency of	r organization	n name: DRMS					
EQUIPMENT T	RANSPOR	<u>T RIG COST</u>					
					Shift ba Cost Data Sou		
	Tractor Desc Trailer Desc	- 		400 HF	O(2ND HALF,	DR, 6X4, DIESEI 2006) ROP DECK EQU	
TIUCK	Trailer Desc				(25T, 50T, A)	-	
Cost Breakdown:							
Available Rig Ca	pacities	0-25 Tons	26-50 Tons	51	+ Tons		
Ownership		\$10.44	\$22.18		23.94		
Operating		\$26.48	\$54.55		55.65		
	Cost/Hour:	\$22.52	\$22.52		22.52		
	Cost/Hour:	\$0.00	\$23.53		23.53		
Total Unit		\$59.44	\$122.78		125.64		
NON ROADABI	LE EQUIPN	MENT:					
Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/uni t	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Grove RT760E, 110', 54.40 MT	42.34	\$176.37	\$122.78	1	\$299.15	\$122.78	\$250.00
Cat 385C L 18'-1" Stick	95.42	\$220.92	\$125.64	1	\$346.56	\$125.64	\$250.00
CAT 972H	28.00	\$62.43	\$122.78	2	\$370.42	\$245.56	\$500.00
CAT 973D	29.07	\$120.46	\$122.78	1	\$243.24	\$122.78	\$250.00
Cat D8T - 8SU	53.08	\$187.85	\$125.64	2	\$626.98	\$251.28	\$500.00
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	1	\$100.46	\$59.44	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00
Submersible pump - 460v, 8 in.	0.70	\$9.89	\$59.44	1	\$69.33	\$59.44	\$250.00

Subtotals: **\$2,142.79 \$1,046.36 \$2,500.00**

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
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Mobilization Worksheet Cont'd

Light Duty Pickup, 4x4, 1 T.	\$75.09	1		\$75.09	\$75.09
Crew					
Flatbed Truck, 4x2, 15K GVW	\$64.31	1		\$64.31	\$64.31
Generic 15-18 cy, 6x4	\$129.15	3		\$387.45	\$387.45
			Subtotals:	\$526.85	\$526.85
			Subiolais.	\$520.65	\$520.65

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	RIFLE 5.00 50.00	miles mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$9,923.41	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$105.37	

Transportation Cycle Time:

Haul Time (Hours):	Non- Roadable Equipment 0.10	Roadable Equipment 0.10
Return Time (Hours): Loading Time (Hours):	0.10 0.50	0.10 NA
Unloading Time (Hours): Subtotals:	0.50 1.20	NA 0.20

JOB TIME AND COST

Total job time: **2.40** Hours

Total job cost: \$10,029

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description	on: Sec	ondary Mobilizat	tion				
e: <u>North Bank</u>	Resources	Permit	Action: <u>2025</u> -	06	I	Permit/Job#:	M2006018
PROJECT ID	ENTIFICATI	ON					
Task #: 0)8B	State: Co	olorado		Abbre	viation: Nor	ne
Date: 6	6/16/2025	County: Ga	arfield		Fi	lename: M0	18-08b
User: 7	FJ1						
Agenc	y or organization	n name: DRMS					
EQUIPMENT	TRANSPOR	T RIG COST					
					Shift ba	sis: 1 per	dav
				(Cost Data Sour		
T							
Tru	ick Tractor Desc	ription: GENE	RIC ON-HIGH				EL POWERED,
т.,					(2ND HALF,		LUDMENT
Ir	uck Trailer Desc	ription: G	ENERIC FOLD			-	UIPMENT
			_	KAILEK	(25T, 50T, AN	D 1001)	
Cost Breakdown	<u>ı:</u>						
Available Rig	Capacities	0-25 Tons	26-50 Tons	51+	Tons		
	hip Cost/Hour:	\$10.44	\$22.18		3.94		
	ng Cost/Hour:	\$26.48	\$54.55	\$5	5.65		
	tor Cost/Hour:	\$22.52	\$22.52	\$2	2.52		
Help	per Cost/Hour:	\$0.00	\$23.53	\$2	3.53		
Total U	nit Cost/Hour:	\$59.44	\$122.78	\$12	25.64		
NON ROADA	BLE EQUIPN	MENT:					
	7		IL 1. 1. 1. 1.		II. 177.	Return Trip	DOT Permit
Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Cost/hr/ fleet	
Description	Unit (TONS)	Cost/hr/ unit	Cost/hr/uni t	Size	Cost/hr/ fleet		
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	1	\$100.46	\$59.44	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00

Subtotals: **\$187.11 \$118.88 \$500.00**

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T. Crew	\$68.74	1	\$68.74	\$68.74
		Subtotals:	\$68.74	\$68.74

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	RIFLE	
Total one-way travel distance:	5.00	miles
Average Travel Speed:	50.00	mph
Total Non-Roadable Mob/Demob Cost *	\$1,435.42	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$13.75	

Transportation Cycle Time:

oadable
quipment
0.10
0.10
NA
NA
0.20

JOB TIME AND COST

Total job time: **2.40** Hours

Total job cost: \$1,449