

October 2, 2024

Jason Burkey Oldcastle SW Group, Inc. dba United Companies of Mesa County 2273 River Road Grand Junction, CO 81502-3609

Re: BLM Pit No. 1 - File No. M-2001-100 Oldcastle SW Group, Inc. dba United Companies of Mesa County Surety Increase (SI-2) Surety Increase due to inflation

Dear Jason Burkey:

On October 2, 2024 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$145,964.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$50,225.00.

Surety Increase due to inflation

Please see the September 24, 2024 inspection report for details regarding why this surety increase is required.

On October 2, 2024, the Division ordered amendment of the current Financial Warranty or submittal of a new Financial Warranty reflecting the increase, within 60 days.

Please make arrangements with Sara M. Stevenson-Benn at the Division's Denver office for submittal of the financial warranty. Any other questions regarding completion, execution and/or submittal of financial warranty forms should also be directed to Sara M. Stevenson-Benn by telephone at (303) 866-3567, or by email at Sara.stevenson-benn@state.co.us.

The Permittee for this site may be scheduled for a Formal Board Hearing for possible revocation of the permit if the amount of any increased Financial Warranty has not been provided by December 1, 2024.

Bond Held:	\$95,739.00
Prior Liability:	\$95,739.00
Change in Liability:	\$50,225.00



Revised Liability:	\$145,964.00
Prior Permit Acreage:	35.60
Change in Permit Acreage:	0.00
Revised Permit Acreage:	35.60
Prior Affected Acreage:	35.60
Change in Affected Acreage:	0.00
Revised Affected Acreage:	35.60

If you have any questions, please contact me by telephone at $(970)\ 210\text{-}1272$, or by email at Amy.yeldell@state.co.us.

Sincerely,

Amy C. Yeldell

Amy Geldell

Environmental Protection Specialist

M-GR-04



General Assumptions:

• Removal of access road is covered under the BLM Pit while the scales are under the Hall Pit Problems:

Task	Form Used	Description
01a	Dozer	Prev: 1300 LF of 10' H @ 1:1 to 3:1 cut fill = 1500 BCY @ -5%
		1200 LF @ 15'H vert to 3H: 1V cut/fill = 3,749 BCY @-30%
02a	Ripper	No changes
03a	Ripper	No changes
04a	Dozer	No changes
05a	Reveg	No change
10a	Mob	Initial Mobilization
10b	Mob	Secondary Mobilization

Please feel free to contact me with any further questions. Amy Yeldell at the Division of Reclamation, Mining and Safety, Rm 215, 1001 E 62nd Ave, Denver CO 80216. Direct contact can be made by phone at 970-210-1272 or via email at amy.yeldell@ state.co.us

Sincerely,

Amy Yeldell

Environmental Protection Specialist

Amy Geldell

Ec:

Travis Marshall, Senior EPS, Grand Junction DRMS



COST SUMMARY WORK

ermit/Job#:	M2001100
· » » т	,
	Ione I100-ACY
mamew	1100-AC 1
	Cost
	\$2,217
	\$463
	\$3,671
	\$26,228
20	T = V, = = V
	\$72,140
)	\$72,140 \$2,497
)	
0	\$2,497 \$1,476
0	\$2,497
0	\$2,497 \$1,476
0	\$2,497 \$1,476
)	\$2,497 \$1,476
)	\$2,497 \$1,476
)	\$2,497 \$1,476 \$108,692
183.31	\$2,497 \$1,476 \$108,692
183.31 183.31 1 = \$2,19 1 = \$1,14 1 = \$7,26	\$2,497 \$1,476 \$108,692 96 41 55
183.31 183.31 1 = \$2,19 1 = \$1,14 1 = \$7,26 1 = \$10,8	\$2,497 \$1,476 \$108,692 96 41 55 869
183.31 183.31 1 = \$2,19 1 = \$1,14 1 = \$7,26 1 = \$10,8 2 = \$21,4	\$2,497 \$1,476 \$108,692 96 41 55 869 472
183.31 183.31 1 = \$2,19 1 = \$1,14 1 = \$7,26 1 = \$10,8	\$2,497 \$1,476 \$108,692 96 41 55 869 472
183.31 183.31 1 = \$2,19 1 = \$1,14 1 = \$7,26 1 = \$10,8 2 = \$21,4	\$2,497 \$1,476 \$108,692 96 41 55 869 472
183.31 183.31 1 = \$2,19 1 = \$1,14 1 = \$7,26 1 = \$10,8 2 = \$21,4 2 = \$130,8	\$2,497 \$1,476 \$108,692 96 41 55 869 472 ,164
183.31 183.31 1 = \$2,19 1 = \$1,14 1 = \$7,26 1 = \$10,8 2 = \$21,4	\$2,497 \$1,476 \$108,692 96 41 55 869 472 ,164
183.31 183.31 1 = \$2,19 1 = \$1,14 1 = \$7,26 1 = \$10,8 2 = \$130,8 1 = \$1	\$2,497 \$1,476 \$108,692 96 41 55 869 472 ,164
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1 1	name: M

TOTAL BOND AMOUNT (direct + indirect) = \$145,964

BULLDOZER WORK

BLM Pit No. 1		Permit Action:	SI-2	Permit/Job#:	M2001100
PROJECT IDE	NTIFICATION	<u>ON</u>			
Task #: 01A		State: Colorado		Abbreviation:	None
	2/2024	County: Mesa		Filename:	M100-10a
User: ACY		, <u> </u>		-	
Agency	or organization	name: DRMS			
HOURLY EQU	JIPMENT CO)ST			
Basic Machine:		S XR Series II			
Horsepower:					
Blade Type:	Semi-Unive	rsal			
Attachment:					
Shift Basis:					
Data Source:	(CRG)				
Cost Breakdown:					
			<u>Utilization %</u>		
Ownership Cost/	Hour:	\$90.24	NA		
Operating Cost/		\$78.95	100		
Ripper own. Cost/		\$0.00	NA		
Ripper op. Cost/		\$0.00	0		
Operator Cost/	Hour	\$40.04	NA		
Total unit Cost/Ho Total Fleet Cost/H	sour: \$209.3 (our: \$209.3	23			
Total unit Cost/Ho Total Fleet Cost/H MATERIAL Q Initial Volume:	sour: \$209 four: \$209 UANTITIES 3,749	23			
Total unit Cost/Ho Total Fleet Cost/H MATERIAL Q	sour: \$209.2 Sour: \$209.2 UANTITIES	23			
Total unit Cost/Ho Total Fleet Cost/H MATERIAL Q Initial Volume: Swell factor:	sour: \$209.2 Sour: \$209.2 UANTITIES 3,749 1.250 4,686 LCY ed volume:	23			
Total unit Cost/Ho Total Fleet Cost/H MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimate	\$209.5 \$209.5	23 23 1200 LF of 15' H @			
Total unit Cost/Ho Total Fleet Cost/H MATERIAL QI Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO Average push dista	bur: \$209.5 four: \$209.5 UANTITIES 3,749 1.250 4,686 LCY ed volume: ed swell factor: DUCTION ance:	23 23 			
Total unit Cost/Ho Total Fleet Cost/H MATERIAL QI Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO	bur: \$209.5 four: \$209.5 UANTITIES 3,749 1.250 4,686 LCY ed volume: ed swell factor: DUCTION ance:	23 23 1200 LF of 15' H @ Cat Handbook			
Total unit Cost/Ho Total Fleet Cost/H MATERIAL QI Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO Average push dista	\$209.2 \$	23 23 1200 LF of 15' H @ Cat Handbook 75 feet 854.1 LCY/hr	Vert to 3:1 cut fill		
Total unit Cost/Ho Total Fleet Cost/H MATERIAL Q Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO Average push dista Unadjusted hourly	\$209.2 \$	23 23 23 1200 LF of 15' H @ Cat Handbook 75 feet 854.1 LCY/hr Compacted fill or e	Vert to 3:1 cut fill		
Total unit Cost/Ho Total Fleet Cost/H MATERIAL QI Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate Source of estimate HOURLY PRO Average push dist: Unadjusted hourly Materials consister Average push grad	\$209.2 \$	23 23 23 1200 LF of 15' H @ Cat Handbook 75 feet 854.1 LCY/hr Compacted fill or e	Vert to 3:1 cut fill		
Total unit Cost/Ho Total Fleet Cost/H MATERIAL QI Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO Average push dista Unadjusted hourly Materials consisted Average push grac Average site altitu	\$209.5 \$	23 23 1200 LF of 15' H @ Cat Handbook 75 feet 854.1 LCY/hr Compacted fill or e	Vert to 3:1 cut fill		
Total unit Cost/Ho Total Fleet Cost/H MATERIAL QI Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO Average push dista Unadjusted hourly Materials consisted Average push grac Average site altitu Material weight: Weight description Job Condition Cor	\$209.5 \$	23 23 23 1200 LF of 15' H @ Cat Handbook 75 feet 854.1 LCY/hr Compacted fill or e	Vert to 3:1 cut fill embankment 0.9		
Total unit Cost/Ho Total Fleet Cost/H MATERIAL QI Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO Average push dista Unadjusted hourly Materials consisted Average push grac Average site altitu Material weight: Weight description Job Condition Cor	\$209.5 \$	23 23 1200 LF of 15' H @ Cat Handbook 75 feet 854.1 LCY/hr Compacted fill or example of the compacted fill of the compacted fill o	Vert to 3:1 cut fill embankment 0.9 Source (POOR)		
Total unit Cost/Ho Total Fleet Cost/H MATERIAL QI Initial Volume: Swell factor: Loose volume: Source of estimate Source of estimate HOURLY PRO Average push dista Unadjusted hourly Materials consisted Average push grace Average site altitut Material weight: Weight description Job Condition Cor Op Material	\$209.5 \$	23 23 23 1200 LF of 15' H @ Cat Handbook 75 feet 854.1 LCY/hr Compacted fill or e	Vert to 3:1 cut fill embankment 0.9		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.601	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

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Net correction: 0.5178

Adjusted unit production: 442.25 LCY/hr
Adjusted fleet production: 442.25 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.473/LCY

Total job time: 10.60 Hours
Total job cost: \$2,217

BULLDOZER RIPPING WORK

	Task description:	Rip	haul road			
Site:	BLM Pit No.	1	Permit Action	n: SI-2	Permit/Jo	ob#: M2001100
	PROJECT ID	ENTIFICATI	<u>ON</u>			
	Task #: 022	A	State: Colorac	do	Abbreviatio	n: None
		/2/2024	County: Mesa		Filenam	
	User: AC	CY				
	Agency	or organization	name: DRMS			
	HOURLY EQ	UIPMENT C	<u>OST</u>			
	Basic 1	Machine: Ca	t D7R DS XR Series II		Horsepower:	240
	Ripper Att		Shank Ripper		Shift Basis:	1 per day
	••		•		Data Source:	(CRG)
	Cost Breakdown:	:				
		=			Utilization %	
		Ownership C		\$90.24	NA	
		Operating C		\$78.95	100	
		er Ownership C		\$9.25	NA 100	
	Кірр	per Operating C Operator C		\$5.20 \$40.04	100	
		Total Unit C		\$223.68	NA	
				·	-	
		Total Fleet C	ost/Hour: \$	223.68	-	
	MATERIAL (<u>)UANTITIES</u>		Selected estimatin	g method: Area	
	Alternate Method	<u>ls:</u>				
smic:	NA		Bank Volume	: NA	BCY	NA
Area:	1.26	acres	Rip Depth (ft)		Volume: 4,066	BCY
		Source of esti	mated quantity: Mir	ne plan and map		
	HOURLY PRO		· · · · ·			
		<u>obeciton</u>				
	Seismic:		Seismic Velocity:	NA	feet/second	
			seisinic velocity.	NA	leet/second	
	Area:					
			ge Ripping Depth:	2.00	feet/pass	
			ge Ripping Width: e Ripping Length:	6.50 300.00	feet/pass feet/pass	
			rage Dozer Speed:	88.00	feet/minute	
			Maneuver Time:	0.25	minutes/pass	
			tion per unit area:	0.734	acres/hour	
	Job Condition Co					
			Unit Production:	0.734	Acres/hr	
		J	Site Altitude:	4,960	feet	
			Altitude Adj:	1.00	(CAT HB)	
			Job Efficiency:	0.83	(1 shift/day)	
			Net Correction:	0.83	multiplier	
		Adjusted	Hourly Unit Production	on: 0.61	Acres/hr	
			Hourly Fleet Production		Acres/hr	
	JOB TIME AN	ND COST				
	Fleet size:	1	Grader(s)	Total job ti	me: 2.07	Hours
	Unit cost:	\$367.134	Per acre	Total job c	ost: \$463	

BULLDOZER RIPPING WORK

	Task description:	_Rip	pit floor					
Site	BLM Pit No.	1	Permit Action:	SI-2	Pe	ermit/Job#	: <u>M2001</u>	100
	PROJECT ID	ENTIFICAT	<u>ION</u>					
	Task #: 032	4	State: Colorado		Abb	reviation:	None	
		2/2024	County: Mesa			Filename:	M100-03	3a
	User: AC	CY CY	<u> </u>					
	Agency	or organization	n name: DRMS					
	HOURLY EQ	UIPMENT C	OST					
			at D7R DS XR Series II		Horsepower:		240	
	Ripper Att		Shank Ripper		Shift Basis:	1	per day	
	11		11	_	Data Source:		CRG)	
	Cost Breakdown:							
		=			Utilization %			
		Ownership C		\$90.24	NA			
		Operating C		\$78.95	100			
		er Ownership C		\$9.25	NA			
	Ripp	per Operating C		\$5.20	100			
		Operator C		\$40.04	NA	<u> </u>		
		Total Unit C	Cost/Hour:	\$223.68				
		Total Fleet C	Cost/Hour: \$223	.68				
	MATERIAL (<u>UANTITIES</u>	Sele	cted estimating	g method: Area	l		
	Alternate Method	ls:						
Seismic:	NA	_	Bank Volume:	NA	BCY		NA	
Area:	10.00	acres		2.00	Volume: 3	32.267	IVA	BCY or CO
			imated quantity: Annual		<u> </u>	, , , ,		
			imated quantity. Aimuai	report and star	ii estimates			
	HOURLY PRO	<u>ODUCTION</u>						
	Seismic:							
			Seismic Velocity:	NA	feet/sec	ond		
	Area:							
		Avera	ge Ripping Depth:	2.00	feet/pas	s		
			ge Ripping Width:	6.50	feet/pas			
			ge Ripping Length:	300.00	feet/pas			
			rage Dozer Speed:	88.00	feet/mir			
		_	e Maneuver Time: ction per unit area:	0.25 0.734	minutes acres/ho	•		
			-	0.734	acres/fic	oui		
	Job Condition Co							
	Un	adjusted Hourl	y Unit Production:	0.734	Acres/h	r		
			Site Altitude:	4,960	feet			
			Altitude Adj:	1.00	(CAT H			
			Job Efficiency:	0.83	(1 shift/			
			Net Correction:	0.83	multipli	er		
			Hourly Unit Production: Hourly Fleet Production:	0.61 0.61	Acres/hr Acres/hr			
	JOB TIME AN		-					
	Fleet size:	1	_ Grader(s)	Total job tin	ne:1	6.41	Но	ours
	Unit cost:	\$367.134	Per acre	Total iob co	ost· \$	3,671		

BULLDOZER WORK

Task description:	Place	topsoil on affec	cted area	s		
: BLM Pit No. 1		Permit A	Action: _	SI-2	Permit/Job	#: <u>M2001100</u>
PROJECT IDE	NTIFICATION NTIFIC	<u>DN</u>				
Task #: 04A		State: Co	olorado		Abbreviation:	None
	/2024		esa		Filename:	M100-04a
User: ACY						
	or organization:	name: DRMS				
HOURLY EQU	IPMENT CC	<u>ost</u>				
Basic Machine:		S XR Series II		<u> </u>		
Horsepower:				_		
Blade Type:		rsal		<u>—</u> ,		
Attachment:				<u> </u>		
Shift Basis:				_		
Data Source:	(CRG)			_		
Cost Breakdown:						
				<u>Utilizatio</u>		
Ownership Cost/			\$90.24	NA		
Operating Cost/			\$78.95	100		
Ripper own. Cost/			\$0.00	NA	·	
Ripper op. Cost/			\$0.00	0		
Operator Cost/	Hour:		\$40.04	NA	·	
MATERIAL QU Initial Volume: Swell factor:	22,856 1.125					
Loose volume:	25,713 LCY					
Source of estimate Source of estimate	d swell factor:	17 ac affected Cat Handbook		f soil per rec pla	an	
HOURLY PRO	<u>DUCTION</u>					
Average push dista	ance:	150 feet				
Unadjusted hourly		518.9 LCY/hr				
Materials consister	ncy description:	Partly cons	olidated	stockpile 1.1		_
Average push grad Average site altitud		feet				
Material weight:	2,550	lbs/LCY				
Weight description	n: Earth	- Dry packed				-
Job Condition Cor	rection Factor erator Skill:	0.600			ource OOR)	
Material of		1.100			AT HB)	
	consistency.	1.100		(CA	11 11D)	
Doz	ing method:	1.000			GEN.)	

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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: 0.3953

Adjusted unit production: 205.12 LCY/hr
Adjusted fleet production: 205.12 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.020/LCY

Total job time: 125.36 Hours
Total job cost: \$26,228

REVEGETATION WORK

BLM Pit No. 1	Permit Action: SI-2 Permit/Job#:			#: <u>M2001100</u>		
ROJECT IDENTIFICA	<u></u>					
					None	
Date: 10/2/2024 User: ACY	County:	Mesa			Filename:	M100-05a
Agency or organizat	tion name:DI	RMS				
ERTILIZING						
aterials						
Description		Units /	Unit	Co	st / Unit	Cost /Acre
10-34-0, 18-46-0, 5-10-5		Acre 300.00	pound	\$0.		\$153.48
10-34-0, 18-40-0, 3-10-3		300.00	pound		tal Fertilizer	
					Materials Cost/Acre	
					COSUACIE	ф133.40
	1EANS 32 01 90		l Fertilizer A	Applicatio	on Cost/Acre	Cost /Acre \$43.12 \$43.12
Description Tractor towed spreader (M	IEANS 32 01 90		l Fertilizer /	Applicatio	on Cost/Acre	\$43.12
Description Tractor towed spreader (Machine International Internation		Tota	l Fertilizer <i>i</i>	Applicatio	on Cost/Acre	\$43.12 \$43.12 Cost /Acre
Description Tractor towed spreader (Machine LLING)		Tota	l Fertilizer A	Applicatio	on Cost/Acre	\$43.12 \$43.12
Description Tractor towed spreader (Machine International		Tota			on Cost/Acre	\$43.12 \$43.12 Cost /Acre \$117.61
Description Tractor towed spreader (Machine LLING) Description Disc harrowing, 6" deep (1)		Tota				\$43.12 \$43.12 Cost /Acre \$117.61
Description Tractor towed spreader (Machine LLING) Description Disc harrowing, 6" deep (1)		Tota			ng Cost/Acre	\$43.12 \$43.12 Cost /Acre \$117.61
Description Tractor towed spreader (Machine LLING) Description Disc harrowing, 6" deep (1)		Tota		otal Tillii	ng Cost/Acre	\$43.12 \$43.12 Cost /Acre \$117.61
Description Tractor towed spreader (Machine LLING) Description Disc harrowing, 6" deep (Machine LLING)		Tota		otal Tillin Rate – PLS LBS /	Seeds per SQ.	\$43.12 \$43.12 Cost /Acre \$117.61
Description Tractor towed spreader (Machine Interest of the Interest of Intere	MEANS 32 91 1	Tota		otal Tillin Rate – PLS LBS / Acre	Seeds per SQ. FT	\$43.12 \$43.12 Cost /Acre \$117.61 \$117.61
Description Tractor towed spreader (Machine Indian Ricegrass - Paloma	MEANS 32 91 1	Tota		Rate – PLS LBS / Acre	Seeds per SQ. FT	\$43.12 \$43.12 Cost /Acre \$117.61 \$117.61 Cost /Acre
Description Tractor towed spreader (Machine Indian Ricegrass - Paloma Crested Wheatgrass - Eph.	MEANS 32 91 1	Tota		Rate – PLS LBS / Acre 12.50 6.00	Seeds per SQ. FT 40.46 27.55	\$43.12 \$43.12 Cost /Acre \$117.61 \$117.61 Cost /Acre \$256.65 \$32.95
Description Tractor towed spreader (Machine LLING Description Disc harrowing, 6" deep (Machine LEDING Seed Mix Indian Ricegrass - Paloma Crested Wheatgrass - Ephron Canby Bluegrass - Canbar	MEANS 32 91 1	Tota		Rate – PLS LBS / Acre 12.50 6.00 3.00	Seeds per SQ. FT 40.46 27.55 63.77	\$43.12 \$43.12 Cost /Acre \$117.61 \$117.61 Cost /Acre \$256.65 \$32.95 \$44.98
LLING Description Disc harrowing, 6" deep (I	MEANS 32 91 1	Tota		Rate – PLS LBS / Acre 12.50 6.00 3.00 0.50	Seeds per SQ. FT 40.46 27.55 63.77 59.69	\$43.12 \$43.12 Cost /Acre \$117.61 \$117.61 Cost /Acre \$256.65 \$32.95 \$44.98 \$6.50
Description Tractor towed spreader (Machine LLING Description Disc harrowing, 6" deep (Machine LEDING Seed Mix Indian Ricegrass - Paloma Crested Wheatgrass - Ephical Canby Bluegrass - Canbar	MEANS 32 91 1	Tota		Rate – PLS LBS / Acre 12.50 6.00 3.00	Seeds per SQ. FT 40.46 27.55 63.77	\$43.12 \$43.12 Cost /Acre \$117.61 \$117.61 Cost /Acre \$256.65 \$32.95 \$44.98

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 - Curtail @ 4.0 pt/ac	1.00	ACRE	\$36.14	\$36.14
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
Total Mulch Materials Cost/Acre				\$1,021.70

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$85.37
Power mulcher (MEANS 32 91 13.16 0350)		\$157.25
Weed spray, hand, non-aquatic area, nox. [DMG]		\$209.61
	Total Mulch Application Cost/Acre	\$452.23

NURSERY STOCK PLANTING

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

JOB TIME AND COST

 No. of Acres:
 17
 Cost / Acre:
 \$3,031.11

 Estimated Failure Rate:
 40%
 Cost / Acre*:
 \$3,031.11

*Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,MU

LCHING

Initial Job Cost: \$51,528.87

Reseeding Job Cost: \$20,611.55

Total Job Cost: \$72,140

24.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: <u>Ini</u>	tial Mobilization	1		
e: BLM Pit No. 1	Perm	it Action: SI-2	Permit/Jo	b#: <u>M2001100</u>
PROJECT IDENTIFICATI	ON			
Task #: 10A	State: 0	Colorado	Abbreviation:	None
Date: 10/2/2024	County: 1	Mesa	Filename:	M100-10a
User: ACY				
Agency or organization	n name: DRM	S		
EQUIPMENT TRANSPOR	T RIG COST			
			Shift basis:	1 per dev
				1 per day
			Cost Data Source.	CRG Data
Truck Tractor Desc	ription: GEN	ERIC ON-HIGHW	AY TRUCK TRACTOR, 6X4,	DIESEL POWERED,
	1		400 HP (2ND HALF, 2006)	
Truck Trailer Desc	ription:	GENERIC FOLDIN	IG GOOSENECK, DROP DEC	CK EQUIPMENT
	1		AILER (25T, 50T, AND 100T	•
			, , ,	
Cost Breakdown:				
Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons	
Ownership Cost/Hour:	\$10.44	\$22.18	\$23.94	
Operating Cost/Hour:	\$26.48	\$54.55	\$55.65	
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52	
Helper Cost/Hour	\$0.00	\$23.53	\$23.53	

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$59.44

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)		t		fleet		
Cat D7R DS XR	35.93	\$99.49	\$122.78	1	\$222.27	\$122.78	\$250.00
Series II							
Drill/Broadcast	25.00	\$41.02	\$59.44	1	\$100.46	\$59.44	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00
(Bowie LD-90)							

\$122.78

\$125.64

Subtotals: \$409.38 \$241.66 \$750.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 3/4 T.	\$42.00	1	\$42.00	\$42.00
Flatbed Truck, 6x4, 45K GVW	\$110.00	1	\$110.00	\$110.00

Subtotals:	\$152.00	\$152.00

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

GRAND JUNCTION
miles

5.00
mph

Total Non-Roadable Mob/Demob Cost *
 '* two round trips with haul rig:
 Total Roadable Mob/Demob Cost **
 ** one round trip, no haul rig:

\$2,463.44

\$33.78

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.11	0.11
Return Time (Hours):	0.11	0.11
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.22	0.22

JOB TIME AND COST

Total job time:	2.44	Hours
Total job cost:	\$2,497	

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Sec	condary Mobiliza	ation			
Site: BLM Pit No. 1	Permit	t Action: SI-2	Per	mit/Job#:	M2001100
PROJECT IDENTIFICAT	<u>ION</u>				
Task #: 10B	State: C	Colorado	Abbrevia	ation: N	None
Date: 10/2/2024 User: ACY	County: N	I lesa	Filer	name: N	M100-10b
Agency or organizatio EQUIPMENT TRANSPOR		S			
EQUI MENT TRANSFOR	II III COSI		G1 10 1		
			Shift basis	·	er day G Data
			Cost Data Source	. CRO	G Data
Truck Tractor Desc	cription: GENI		AY TRUCK TRACTOR,		ESEL POWERED,
			400 HP (2ND HALF, 20		
Truck Trailer Desc	cription: C		G GOOSENECK, DRO		EQUIPMENT
		TR	AILER (25T, 50T, AND	1001)	
Cost Breakdown:					
Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons		
Ownership Cost/Hour:	\$10.44	\$22.18	\$23.94		
Operating Cost/Hour:	\$26.48	\$54.55	\$55.65		
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52		
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53		

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$59.44

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)		t		fleet		
Drill/Broadcast	25.00	\$41.02	\$59.44	1	\$100.46	\$59.44	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00
(Bowie LD-90)							

\$122.78

\$125.64

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, 3/4 T.	\$42.00	1	\$42.00	\$42.00
Flatbed Truck, 6x4, 45K GVW	\$110.00	1	\$110.00	\$110.00

Subtotals:	\$152.00	\$152.00
Subjoiais:	3132.00	3132.00

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

GRAND JUNCTION
miles
45.00
mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.11	0.11
Return Time (Hours):	0.11	0.11
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.22	0.22

JOB TIME AND COST

Total job time:	2.44	Hours
Total iob cost:	\$1,476	