

March 1, 2024

Zane Luttrell Lazy K-Bar Land & Cattle Company, LLLP 70455 Buckhorn Road Montrose, CO 81403

### Re: Uncompany Pit - File No. M-2013-007 Lazy K-Bar Land & Cattle Company, LLLP Surety Increase (SI-1)

Dear Zane Luttrell:

On March 1, 2024 the Division of Reclamation, Mining and Safety increased the Financial Warranty requirement for this permit to \$715,331.00, in accordance with Rule 4.2.1 of the Rules and Regulations. <u>This is an increase of \$615,921.96.</u>

The Division ordered amendment of the current Financial Warranty, or submittal of a new Financial Warranty reflecting the increase, is due within 60 days from the date of this letter (March 1, 2024).

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 (8148), 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 after April 30, 2024, if the amount of any increased Financial Warranty has not been provided.

Bond Held:	\$99,409.04
Prior Liability:	\$99,409.04
Change in Liability:	\$615,921.96
Revised Liability:	\$715,331.00
Prior Permit Acreage:	244.25
Change in Permit Acreage:	0.00



Revised Permit Acreage:	244.25
Prior Affected Acreage:	0.00
Change in Affected Acreage:	0.00
Revised Affected Acreage:	0.00

If you have any questions, please contact me by telephone at (303) 866-3567 x 8188, or by email at Dustin.czapla@state.co.us.

Sincerely,

R \_

Dustin M. Czapla Environmental Protection Specialist

M-GR-04

### COST SUMMARY WORK

Task descrip	otion:	2024-02-21 Revi	ew				
Site: Uncompa	ahgre Pit	Pe	rmit Action:	2024-02-21	Permit/Jol	o#: <u>M2013007</u>	
PROJECT	<b>IDENTIFIC</b>	CATION				N	
Task #:	000	State:	Colorado		Abbreviation:	None	
Date:	2/21/2024	County:	Montrose		Filename:	M007-000	
User:	DMC						
Age	ency or organi	zation name: DF	RMS				

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Demolish and remove mine related structures	DEMOLISH	1	10.00	\$828
02a	Highwall reduction	DOZER	2	7.64	\$7,056
03a	Rip Pit Floor	RIPPER	2	31.62	\$29,701
04a	Replace OVB 1'D pit floor area	SCRAPER1	1	58.14	\$166,572
05a	Replace topsoil 1'D over disturbed area	SCRAPER1	1	57.63	\$165,106
06a	Grade pit area	GRADER	1	24.44	\$4,159
07a	Revegetate affected lands	REVEGE	1	40.00	\$211,466
08a	Haul reclamation equipment to and from job site	MOBILIZE	1	2.80	\$10,525
		<u>SUBTO</u>	TALS:	232.27	\$595,413

### **INDIRECT COSTS**

### OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$12,027
Performance bond:	1.05	Total =	\$6,252
Job superintendent:	116.13	Total =	\$7,558
Profit:	10.00	Total =	\$59,541
		TOTAL O & P =	\$85,378
		CONTRACT AMOUNT (direct + O & P) =	\$680,791

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$500	Total =	\$500
Engineering work and/or contract/bid preparation:	0.00	Total =	\$0
Reclamation management and/or administration:	5.00		\$34,040
CONTINGENCY:	0.00	Total =	\$0
	TO	TAL INDIRECT COST =	\$119,918
TOTAL BO	ND AMOU	<b>INT (direct + indirect) =</b>	\$715,331

# **DEMOLITION WORK**

Task description	sh and remove mine relate	d structures				
Site: Uncompany Pit Permit Action: 202			02-21	Per	rmit/Job#:	M2013007
PROJECT IDENTIF	<b>ICATION</b>					
Task #:  01A  State:  Colorado  Abbreviation:  None    Date:  2/21/2024  County:  Montrose  Filename:  M007-01a    User:  DMC  Agency or organization name:  DRMS  DRMS						ne 07-01a
<u>UNIT COSTS</u>				Location	adjustme	nt: 94.70 <u>%</u>
Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Concrete foundation for truck scales	4 x 12'L	Demo. and on-site disposal in existing pit, 1.5 ft. x 3 ft Max. 200 ft. push	48.00	LF	\$11.26	\$540.49

				<b>Total Cost</b>	
		Subtotal		(adjusted for	
Job Hours:	10.00	(unadjusted):	\$874.13	location):	\$827.80

Demo. and on-site

push

disposal in existing pit, 4 in. thick - Max. 200 ft.

400.00

SF

\$0.83

\$333.64

2 (10'W x 20'L)

Spill containment structures for fuel

tanks

Page 1 of 2

### BULLDOZER WORK

Task descri	ption:	_	ingnw	in round	.1011				
: Uncomp	ahgre Pi	t		Per	mit Action:	2024-02-21		Permit/Job#	#: M2013007
<u>PROJEC</u>	T IDEN	TIFIC	ATIO	N					
Task #:	02A			State:	Colorado			Abbreviation:	None
Date:	2/21/20	024		County:	Montrose			Filename:	M007-02a
User:	DMC								
A	gency or o	organiz	ation na	me: D	RMS				
HOURLY	<u>EQUIF</u>	PMEN	T COS	<u>T</u>					
Basic M	achine:	Cat D	9T - 9S	IJ					
Horse	power:	405							
Blade	e Type:	Semi	Univers	al					
Attac	hment:	3-sha	nk rippe	r					
Shift	t Basıs:	l per	day						
Data S	Source:	(CRC	)						
Cost Break	down:					1			
						Utili	zation %		
Ownershi	p Cost/Ho	our:			\$238.76		NA		
Operating	g Cost/Ho	our:			\$162.29		100		
Ripper own	n. Cost/Ho	our:			\$18.32		NA		
Ripper op	o. Cost/He	our:			\$0.90		10		
_									
Operator Total unit C Total Fleet MATERI	r Cost/Ho Cost/Hour Cost/Hou <b>AL OU</b> 4	our: :: ur:	\$461.57 <b>\$923.14</b> F <b>IES</b>		\$41.30		NA		
Operator Total unit C Total Fleet <u>MATERI</u> Initial Vo Swell f	r Cost/Ho Cost/Hour Cost/Hou <u>AL QU</u> Jume: factor:	our:	\$461.57 <b>\$923.14</b> F <b>IES</b>		\$41.30		NA		
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Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.5448	
Adjusted unit production: 1,1	149.80 LCY/hr	

# JOB TIME AND COST

Adjusted fleet production: 2299.6 LCY/hr

Fleet size:	2 Dozer(s)
Unit cost:	\$0.401/LCY

Total job time:	<b>7.64</b> Hours
Total job cost:	\$7,056

# Highwall reduction - cut and fill

Highwall Height (ft.)	15.0	
Length of Highwall (Ift.)	7500	
Initial Slope	1.0	H:1V
Desired Slope	3	H:1V
Volume of material to be moved (ft. <sup>3</sup> )	421,875	
Volume of material to be moved (yd. <sup>3</sup> )	15,625	

All dimensions measured in feet Drawing not to scale



# BULLDOZER RIPPING WORK

	Task description	: Rip	Pit Floor				
Site	: <u>Uncompahgr</u>	e Pit	Permit Action:	2024-02-21	Permi	it/Job#: <u>M20</u>	13007
	PROJECT ID	ENTIFICATI	ON				
	Task #: 03	A	State: Colorado		Abbrevi	ation: None	
	Date: 2/2	21/2024	County: Montrose		Filer	name: M007	-03a
	User: DN	ЛС					
	Agency	or organizatior	name: DRMS				
	HOURLY EQ	UIPMENT C	<u>OST</u>				
	Basic	Machine: Ca	t D9T - 9SU		Horsepower:	405	
	Ripper At	tachment: 3-9	Shank Ripper		Shift Basis:	1 per day	
					Data Source:	(CRG)	
	Cost Breakdown	• •					
		0 11 0		<b>***</b>	Utilization %		
		Ownership C	ost/Hour:	\$238.76	<u>NA</u>		
	Rinn	er Ownershin C	ost/Hour:	\$102.29	 		
	Rip	per Operating C	ost/Hour:	\$8.98	100		
	1	Operator C	ost/Hour:	\$41.30	NA		
		Total Unit C	ost/Hour:	\$469.65			
		Total Fleet C	ost/Hour: \$939	.30			
	MATEDIAL (		· · · · · · · · · · · · · · · · · · ·				
		JUANTITIES	<u>sele</u>	cted estimating i	method: Area		
	Alternate Metho	<u>ds:</u>					
Seismic:	NA		Bank Volume:	NA	BCY	NA	
Area:	40.00	acres	Rip Depth (ft):	1.00	Volume: <u>64,5</u>	33	BCY or CCY
		Source of esti	mated quantity: Current	Conditions			
	HOURLY PR	ODUCTION					
	Saismia						
	Seisinic:		Seismic Velocity	NA	feet/second		
	Area:	Avera	a Rinning Denth	2 63	feet/nass		
		Avera	ge Ripping Depth.	7.67	feet/pass		
		Averag	e Ripping Length:	100.00	feet/pass		
		Ave	rage Dozer Speed:	88.00	feet/minute		
		Average	e Maneuver Time:	0.25	minutes/pas	S	
		Produc	ction per unit area:	0.762	acres/hour		
	Job Condition Co	orrection Factor	<u>s</u>				
	Ur	adjusted Hourly	y Unit Production:	0.762	Acres/hr		
			Site Altitude:	6,400	feet		
			Altitude Adj:	1.00	(CAT HB)		
			Job Efficiency:	0.83	(1 shift/day)	)	
			Net Correction:	0.83	multiplier		
		Adjusted	Hourly Unit Production:	0.63	Acres/hr		
		Adjusted	Hourly Fleet Production:	1.26	Acres/hr		
	JOB TIME AN	ND COST					
	Fleet size:	2	Grader(s)	Total job time	:31.62	2	Hours
	Unit cost:	\$742.531	Per acre	Total job cost	:\$29,70	01	

Page 1 of 2

# SCRAPER TEAM WORK

Site: Uncompangre Pit	<u>t</u>	Permit Action:	2024-02-21	Perr	nit/Job#: M201	13007
PROJECT IDEN	<b>FIFICATION</b>					
Task #:  04A    Date:  2/21/20    User:  DMC	O24 St Cou	ate: <u>Colorado</u> nty: <u>Montrose</u>		Abbrev	viation: None ename: M007	-04a
Agency or o	organization name:	DRMS				
HOURLY EQUIP	MENT		COSTSh	ift basis: <u>1 per d</u>	ay	
		Equipm	ent Description			
	-Sc	craper: Cat 65	7G w/push-pull			
Suppo	-] rt Fauinment -I oad	Dozer: Cat D9	<u>T - 9SU</u> T - 9SU			
Suppo	-Dump	Area: Cat D9	T - 9SU			
Road Ma	intenance – Motor C	brader: NA				
	-water	ITUCK: NA				
Cost Breakdown:	Scraper Worl	k Team	Support Equip	ment	Maintenance	e Equipment
	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Tru
%Utilization-machine:	100	100	100	100	NA	-
Ownership cost/hour:	\$379.25	\$238.76	\$238.76	\$238.76	NA	
Operating cost/hour:	\$358.77	\$162.29	\$162.29	\$162.29	NA	
%Utilization-ripper:	NA	NA	NA	NA	NA	
Ripper own. cost/hour:	NA	\$0.00	\$0.00	\$0.00	NA	
Ripper op. cost/hour:	NA	\$0.00	\$0.00	\$0.00	NA	
Operator cost/hour:	\$30.90	\$41.30	\$41.30	\$41.30	NA	
Unit Subtotals:	\$768.92	\$442.35	\$442.35	\$442.35	NA	
Crown Subtatala	2 Work	¢1.080.10	Support	1 \$ 994 70	0 Maint:	\$0.00
Group Subiotals:	WOIK.	\$1,980.19	Support:	\$884.70	Iviaint:	\$0.00
Total work team cost	/hour: <b>\$2,864.89</b>					
MATERIAL OUA	NTITIES					
Initial volume:	64 533	CCV	Swell facto	or: 1,000		
Loose volume:	64,533	LCY	Swell lack	JI. <u>1.000</u>		
Sou	rce of estimated vol	ume: Current	conditions 40 ac. x	1' depth		
Source	of estimated swell fa	actor: NA	-	1		
HOURLY PROD	<u>UCTION</u>					
			Scraper Bo	wl (volume) Basi	<u>s:</u>	
Material weight:	2,550 lbs/LCY	1	Struck V	/olume: <u>32.00</u>	I	LCY
Material description: Rated Payload	Earth - Dry packe	d	Heaped V	1000000000000000000000000000000000000	I	LCY CY
Nated Favillad.	101,000 pounds		Average v	June. 20.00	1	

<u>1.10</u> Minutes

0.60 Minutes

#### Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 6400 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

#### Travel Time:

Road Condition: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0

#### Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1600.00	-4.70	5.00	0.30	3067	0.73

Haul Time: **0.73** minutes

#### Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1600.00	4.70	5.00	9.70	1913	0.98
				Return Time:	0.98	minutes
			Total Scraper	team cycle time:	3.41	minutes
			Adjusted for	or job conditions:	1,109.91	LCY/Hour
			Selected Nur	mber of Scrapers:	2	Scraper(s)
	Adjuste	d single scrap	per team (unit) h	ourly production:	1,109.91	LCY/Hour

Adjusted multiple scraper team (fleet) hourly production: **1,109.91** LCY/Hour

Unadjusted unit production/hour: <u>1,337.24</u> LCY/Hour Optimal Number of Scrapers per push dozer: \_\_\_\_\_

#### JOB TIME AND COST

Fleet size:	1	Team(s)	Total job time:	58.14	Hours
Unit cost:	\$2.581	/LCY	Total job cost:	\$166,572	_

Page 1 of 2

### SCRAPER TEAM WORK

Site: Uncompahgre Pit		Permit	t Action:	2024-02-21	Perr	nit/Job#: <u>M201</u>	3007
PROJECT IDEN	<b>IFICATION</b>						
Task #: 05A	S	tate: (	Colorado		Abbrev	viation: None	
Date: $2/21/20$	024 Cou	inty: 1	Montrose		File	ename: M007-	05a
Agency or d	organization name:	DRM	[S				
HOURI V FOUIP	MFNT			COSTSH	off basis: 1 per d	937	
<u>HOURLI EQUI</u>			л ·	000101	int basis. <u>I per d</u>	<u>ay</u>	
	-S	craner.	Equipme Cat 657	ent Description			
	-	Dozer:	Cat D9	T - 9SU			
Suppo	rt Equipment -Load	d Area:	Cat D9	T - 9SU			
DeedMa	-Dump	Area:	Cat D9	T - 9SU			
Koad Ma	-Water	Truck:	NA				
			1				
Cost Breakdown:	Scraper Wor	k Team		Support Equip	oment	Maintenance	Equipmen
	Scraper	Doz	zer	Load Area	Dump Area	Motor Grader	Water
%Utilization-machine:	100		100	100	100	NA	
Ownership cost/hour:	\$379.25	\$	238.76	\$238.76	\$238.76	NA	
Operating cost/hour:	\$358.77	\$	162.29	\$162.29	\$162.29	NA	
%Utilization-ripper:	NA		NA	NA	NA	NA	
Ripper own. cost/hour:	NA		\$0.00	\$0.00	\$0.00	NA	
Ripper op. cost/hour:	NA		\$0.00	\$0.00	\$0.00	NA	
Operator cost/hour:	\$30.90		\$41.30	\$41.30	\$41.30	NA	
Unit Subtotals:	\$768.92	\$	442.35	\$442.35	\$442.35	NA	
Number of Units:	2		1	1	1	0	
Group Subtotals:	Work:	\$1,98	30.19	Support:	\$884.70	Maint:	\$0.0
Total work team cost	/hour: <b><u>\$2,864.89</u></b>						
MATERIAL QUA	NTITIES						
Initial volume:	64,533		CCY	Swell facto	or: 1.000		
Loose volume:	64,533		LCY				
Sou	rce of estimated vo	lume:	Current	conditions 40 ac. x	1' depth		
Source of	of estimated swell f	actor:	NA				
HOURLY PROD	UCTION						
				Scraper Bo	wl (volume) Basi	is:	
Material weight:	1,600 lbs/LCY			Struck V	Volume: 32.00	L	CY
Material description	Top Soil			Hannady	<i>Valuma</i> <u>44.00</u>	T	CV
Material description.				пеареа	volume: <u>44.00</u>	L	

<u>1.10</u> Minutes

0.60 Minutes

#### Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 6400 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

#### Travel Time:

Road Condition: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0

#### Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1600.00	-4.70	5.00	0.30	3067	0.70

Haul Time: 0.70 minutes

#### Return Route:

Seg # Ha	aul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1 160	00.00	4.70	5.00	9.70	1913	0.98
				Return Time:	0.98	minutes
		<b>3.38</b> 1,119.76	minutes LCY/Hour			
	Adjusted Adjusted m	single scrap	Selected Nur ber team (unit) h er team (fleet) h	mber of Scrapers: ourly production: ourly production:	2 1,119.76 1,119.76	Scraper(s) LCY/Hour LCY/Hour

Unadjusted unit production/hour: <u>1,349.11</u> LCY/Hour Optimal Number of Scrapers per push dozer: \_\_\_\_\_

#### JOB TIME AND COST

Fleet size:	1	Team(s)	Total job time:	57.63	Hours
Unit cost:	\$2.558	/LCY	Total job cost:	\$165,106	

# MOTOR GRADER WORK

Uncompahgre Pit	Peri	nit Action:	2024-02-21	]	Permit/Job#:	M2013007
PROJECT IDENTIF	TICATION					
Task #: 06A	State:	Colorado		Abl	previation:	None
Date: $2/21/2024$	County:	Montrose			Filename:	M007-06a
User: DMC						112007 000
Agency or orga	inization name: DR	RMS				
HOURLY EQUIPMI	ENT COST					
Basic Machin	e: CAT 120M			Horsepower:		138
Ripper Attachmen	nt:			Shift Basis:	1 p	er day
				Data Source:		CRG)
Cost Breakdown:						
				Utilization %		
Owne	ership Cost/Hour:		\$85.55	NA	_	
Ope	rating Cost/Hour:		\$56.03	100	_	
Ripper Own	ership Cost/Hour:		\$0.00	NA	_	
Ripper Ope	rating Cost/Hour:		\$0.00		_	
Op	erator Cost/Hour:		\$28.56	NA	_	
Tota	I Unit Cost/Hour:		\$170.14			
Total	Fleet Cost/Hour:	\$17	0.14			
Total Area	to be graded or rippe	d· 40.00				acres
Total Area	to be graded or rippe	d: <u>40.00</u>	. 11.1			acres
Total Area Source	to be graded or rippe ce of estimated acreag	d: <u>40.00</u> e: <u>Currer</u>	nt conditions			acres
Total Area Source HOURLY PRODUC	to be graded or rippe ce of estimated acreag TION	d: <u>40.00</u> ge: <u>Currer</u>	nt conditions			acres
Total Area Source HOURLY PRODUC	to be graded or rippe ce of estimated acreag <u>TION</u> Average Grader Sp	d: <u>40.00</u> ge: <u>Currer</u> peed:	nt conditions	mph		acres
Total Area Source HOURLY PRODUC	to be graded or rippe ce of estimated acreag <u>TION</u> Average Grader Sp Selected Applica	d: <u>40.00</u> ge: <u>Currer</u> peed: tion:	nt conditions 1.50 Finish	mph grading (0-2.5 n	nph) - 1.5	acres
Total Area Source HOURLY PRODUC	to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An	d: <u>40.00</u> ge: <u>Currer</u> beed: <u></u> tion: <u></u> ngle:	1.50 Finish 0	mph grading (0-2.5 n degree	nph) - 1.5 s	acres
Total Area Source HOURLY PRODUC	to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler	d: ge: geed: tion: ngle: ngth:	1.50 1.50 Finish 0 12.00 2.00	mph grading (0-2.5 n degree feet	nph) - 1.5 s	acres
Total Area Source HOURLY PRODUC Width Nat grading	a to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p	d: <u>40.00</u> ge: <u>Currer</u> beed: <u></u> ngle: <u></u> ngth: <u></u> bass: <u></u>	1.50 Finish 0 12.00 2.00	mph grading (0-2.5 n degree feet feet feet	nph) - 1.5 s	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjusted	a to be graded or rippe to be graded or rippe te of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p or ripping width per p d Hourly Unit Produc	d: ge: deed: ngle: ngth: pass: pass:	1.50 Finish 0 12.00 2.00 10.00 1.8182	mph grading (0-2.5 n degree feet feet feet	nph) - 1.5 s	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjuster	a to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p or ripping width per p d Hourly Unit Produc	d: ge: deed: ngle: ngth: pass: tion:	1.50 Finish 0 12.00 2.00 10.00 1.8182	mph grading (0-2.5 n degree feet feet feet feet acres/h	nph) - 1.5 s iour	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjuster Job Condition Correction	a to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p or ripping width per p d Hourly Unit Produc <u>n Factors</u>	d: <u>40.00</u> ge: <u>Currer</u> peed: <u></u> ngle: <u></u> ngth: <u></u> pass: <u></u> tion: <u></u>	1.50 Finish 0 12.00 2.00 10.00 1.8182 Si	mph grading (0-2.5 n degree feet feet feet feet feet feet feet feet feet feet feet feet feet feet feet feet feet feet	nph) - 1.5 s iour <u>0</u> feet	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjuster Job Condition Correction Altitude Adi	a to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p or ripping width per p d Hourly Unit Produc <u>n Factors</u> 1.00	d: <u>40.00</u> ge: <u>Currer</u> beed: <u></u> ngle: <u></u> pass: <u></u> bass: <u></u> tion: <u></u>	1.50 Finish 0 12.00 2.00 10.00 1.8182 Si	mph grading (0-2.5 n degree feet feet feet feet acres/h te Altitude: <u>640</u>	nph) - 1.5 s tour <u>0</u> feet	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjuster Job Condition Correction Altitude Adj: Job Efficiency:	a to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p or ripping width per p d Hourly Unit Produc <u>n Factors</u> <u>1.00</u> 0.90	d: ge: uge: ngle: ngth: pass: tion: Source (CAT HI (1sh/d, fa	1.50 Finish 0 12.00 2.00 10.00 1.8182 Si 8) v.)	mph grading (0-2.5 n degree feet feet feet feet acres/h te Altitude: <u>640</u>	nph) - 1.5 s iour <u>0</u> feet	acres
Total Area Sourd HOURLY PRODUC Width Net grading Unadjusted Job Condition Correction Altitude Adj: Job Efficiency: Net Correction:	a to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p or ripping width per p d Hourly Unit Produc <u>n Factors</u> <u>1.00</u> 0.90	d: <u>40.00</u> ge: <u>Currer</u> beed: <u></u> ngle: <u></u> ngth: <u></u> bass: <u></u> tion: <u></u> Source (CAT HI <u>(1sh/d, fa</u> multiplier	1.50 Finish 0 12.00 2.00 10.00 1.8182 Si 8) v.)	mph grading (0-2.5 n degree feet feet feet acres/h te Altitude: <u>640</u>	nph) - 1.5 s tour <u>0</u> feet	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjuster Job Condition Correction Altitude Adj: Job Efficiency: Net Correction	a to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p or ripping width per p d Hourly Unit Produc <u>n Factors</u> <u>1.00</u> 0.900	d: <u>40.00</u> ge: <u>Currer</u> beed: <u></u> ition: <u></u> ngle: <u></u> pass: <u></u> bass: <u></u> tion: <u></u> Source (CAT Hi (1sh/d, fa multiplier	1.50 Finish 0 12.00 2.00 10.00 1.8182 Si B) v.)	mph grading (0-2.5 n degree feet feet feet te Altitude: <u>640</u>	nph) - 1.5 s iour <u>0</u> feet	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjuster Job Condition Correction Altitude Adj: Job Efficiency: Net Correction:	a to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p or ripping width per p d Hourly Unit Produc <u>n Factors</u> <u>1.00</u> 0.900 Adjusted Hourly Unit	d: <u>40.00</u> ge: <u>Currer</u> peed: <u></u> ngle: <u></u> pass: <u></u> pass: <u></u> tion: <u></u> Source <u>(CAT HI</u> <u>(1sh/d, fa</u> multiplier Production: Bradacci	1.50 Finish 0 12.00 2.00 10.00 1.8182 Si B) v.) 1.6364 1.6364	mph grading (0-2.5 m degree feet feet feet acres/h te Altitude: <u>640</u>	nph) - 1.5 s tour <u>0</u> feet	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjuster Job Condition Correction Altitude Adj: Job Efficiency: Net Correction:	a to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p or ripping width per p d Hourly Unit Produc <u>n Factors</u> <u>1.00</u> 0.9000 Adjusted Hourly Unit Adjusted Hourly Fleet	d: <u>40.00</u> ge: <u>Currer</u> beed: <u></u> ngle: <u></u> ngth: <u></u> pass: <u></u> pass: <u></u> tion: <u></u> tion: <u></u> <u>Source</u> (CAT HI (1sh/d, fa multiplier Production: Production:	1.50 Finish 0 12.00 2.00 10.00 1.8182 Si 8) v.) 1.6364 1.6364 1.6364	mph grading (0-2.5 n degree feet feet feet acres/hou acres/Hou	nph) - 1.5 s iour <u>0</u> feet r	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjuster Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: A JOB TIME AND CO	a to be graded or rippe ce of estimated acreag TION Average Grader Sp Selected Applica Selected Blade An Effective Blade Ler of blade overlap per p or ripping width per p d Hourly Unit Produc <u>n Factors</u> <u>1.00</u> 0.90 0.9000 Adjusted Hourly Unit Adjusted Hourly Fleet	d: <u>40.00</u> ge: <u>Currer</u> peed: <u></u> ngle: <u></u> pass: <u></u> pass: <u></u> pass: <u></u> tion: <u></u> Source <u>(CAT HI</u> <u>(1sh/d, fa</u> multiplier Production: Production:	1.50 Finish 0 12.00 2.00 10.00 1.8182 Si B) v.) r 1.6364 1.6364	mph grading (0-2.5 m degree feet feet feet acres/hour acres/Hour	nph) - 1.5 s tour <u>0</u> feet r	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjuster Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: A JOB TIME AND CO Fleet size:	a to be graded or rippe    ce of estimated acreag    TION    Average Grader Sp    Selected Applica    Selected Blade An    Effective Blade Ler    of blade overlap per p    or ripping width per p    d Hourly Unit Produce    n Factors    1.00    0.900    Adjusted Hourly Unit    Adjusted Hourly Fleet    ST    1  Grader(s)	d: <u>40.00</u> ye: <u>Currer</u> beed: <u></u> ngle: <u></u> ngth: <u></u> pass: <u></u> pass: <u></u> tion: <u></u> Source (CAT Hi (1sh/d, fa multiplier Production: Production:	1.50 Finish 0 12.00 2.00 10.00 1.8182 Si B) v.) r 1.6364 1.6364 Total job time	mph grading (0-2.5 n degree feet feet feet acres/h te Altitude: <u>640</u> acres/Hou acres/Hou	nph) - 1.5 s tour <u>0</u> feet r	acres
Total Area Source HOURLY PRODUC Width Net grading Unadjuster Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: A DOB TIME AND CO Fleet size:	a to be graded or rippe    a to be graded or rippe    ce of estimated acreag <b>TION</b> Average Grader Sp    Selected Applica    Selected Blade An    Effective Blade Ler    of blade overlap per p    or ripping width per p    d Hourly Unit Produce <u>1.00</u> 0.900    Adjusted Hourly Unit    Adjusted Hourly Fleet <b>ST</b> 1  Grader(s)	d: <u>40.00</u> ge: <u>Currer</u> peed: <u></u> ngle: <u></u> pass: <u></u> pass: <u></u> pass: <u></u> tion: <u></u> Source <u>(CAT HI</u> <u>(1sh/d, fa</u> multiplier Production: Production:	1.50    Finish    0    12.00    2.00    10.00    1.8182    Si    B)    v.)    t    1.6364    1.6364    Total job time	mph grading (0-2.5 n degree feet feet feet acres/hou acres/Hou acres/Hou	nph) - 1.5 s iour <u>0</u> feet r r	acres

# **REVEGETATION WORK**

Task descrip	otion:	Revegetate affected lands			
Site: Uncompa	ahgre Pit	Permit Action:	2024-02-21	Permit/Job#: _M	2013007
PROJECT	IDENTIFIC	CATION			
Task #: Date: User:	07B 2/21/2024 DMC	State:ColoradoCounty:Montrose		Abbreviation: None Filename: M007	7-07a
Age	ency or organiz	zation name: DRMS			

### **FERTILIZING**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
			Total Fertilizer	
			Cost/Acre	\$0.00

# Application

Description	Cost /Acre
	\$
Total Fertilizer Application	Cost/Acre so oo

# **TILLING**

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$112.82
Total Tilling Cost/Acre	\$112.82

### **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Native	3.00	9.71	\$19.50
Bottlebrush Squirreltail	0.50	2.20	\$8.11
Burnett, Small (or Little) - Delar	2.00	2.53	\$5.00
Galleta	3.00	10.95	\$67.05
Rabbitbrush, Rubber	0.50	7.45	\$32.15
Daisy, Goldenglow	1.00	5.44	\$240.00
Saltbush, Four Wing - Dewinged	1.00	1.61	\$18.50
Globemallow, Scarlet (or copper)	0.50	5.66	\$67.75
Saltbush, Shadscale	0.50	0.75	\$5.00
Winter Fat	0.50	1.27	\$10.25

Sulphur Flower (or Buckwheat)	2.00	4.13	\$258.00
Totals Seed Mix	14.50	51.70	\$731.31

### Application

Description	1010
Drill Seeding (DRMS Survey Cost) \$232.0	0
Total Seed Application Cost/Acre \$232.0	0

# **MULCHING and MISCELLANEOUS**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$429.79	\$859.57
Herbicide - Curtail @ 4.0 pt/ac	1.00	ACRE	\$35.09	\$35.09
Total Mulch Materials Cost/Acre				\$894.66

#### Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$74.46
Power mulcher (MEANS 32 91 13.16 0350)		\$147.67
Weed spray, truck, non-aquatic area, nox. [DMG]		\$62.72
	<b>Total Mulch Application Cost/Acre</b>	\$284.85

### **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

Estimat	No. of Acres: ed Failure Rate:	75	Cost /Acre: Cost /Acre*:	\$2,255.64 \$2,255.64
*Selected Replanti	ng Work Items:	TILLING,SEEDIN	IG,MULCHING	<i>42,200.</i>
Initial Job Cost: Reserving Job Cost:	\$169,173.00 \$42,293,25			

	+
Reseeding Job Cost:	\$42,293.25
Total Job Cost:	\$211,466
Job Hours:	40.00

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Ha	ul reclamation eq	uipment to and	l from jo	b site		
e: Uncompangre Pit Permit Action:		Action: 2024	-02-21		Permit/Job#: <u>M</u>	2013007	
PROJECT IDE	NTIFICATI	<u>ON</u>					
Task #: 084	A	State: Co	olorado		Abbre	eviation: None	
Date: 2/2 User: DN	1/2024 IC	County: M	ontrose		Fi	ilename: M007	7-08a
Agency	or organization	n name: DRMS					
EQUIPMENT 1	RANSPOR	<u>T RIG COST</u>					
					Shift ba	sis: 1 per da	ıy
					Cost Data Sou	rce: CRG Da	ita
Truck	Tractor Desc	ription: GENE	RIC ON-HIGH	WAY TR 400 HF	UCK TRACTO P (2ND HALF	OR, 6X4, DIESEI 2006)	L POWERED,
Truc	k Trailer Desc	ription: G	ENERIC FOLD	DING GOO	OSENECK, DE	ROP DECK EQU	IPMENT
		1	r	FRAILER	(25T, 50T, A)	ND 100T)	
Cost Breakdown:							
Available Rig C	apacities	0-25 Tons	26-50 Tons	51	+ Tons		
Ownership	Cost/Hour:	\$20.26	\$36.04	\$	47.05		
Operating	Cost/Hour:	\$39.51	\$76.08	\$	82.85		
Operator	Cost/Hour:	\$22.52	\$22.52	\$	22.52		
Helper	Cost/Hour:	\$0.00	\$23.53	\$	23.53		
Total Unit	t Cost/Hour:	\$82.29	\$158.17	\$	175.95		
NON ROADAB	<u>LE EQUIPN</u>	MENT:					
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 D9T - 9SU	66.13	\$257.08	\$175.95	2	\$866.06	\$351.90	\$500.00
Cat 657G w/push- pull	80.25	\$379.25	\$175.95	2	\$1,110.40	\$351.90	\$500.00
CAT 120M	15.53	\$85.55	\$82.29	1	\$167.84	\$82.29	\$500.00
Drill/Broadcast Seeder with Tractor	25.00	\$6.73	\$82.29	1	\$89.02	\$82.29	\$500.00
Indeton							

\$950.67 Subtotals: \$2,341.55 \$2,250.00

### **ROADABLE EQUIPMENT:**

Total Cost/hr/	Fleet Size	Haul Trip	Return Trip
unit		Cost/hr/ fleet	Cost/hr/ fleet
\$36.22	1	\$36.22	\$36.22
\$27.44	1	\$27.44	\$27.44
	Subtotals	\$63.66	\$63.66
	Total Cost/hr/ unit \$36.22 \$27.44	Total Cost/hr/ unitFleet Size\$36.221\$27.441Subtotals:	Total Cost/hr/ unitFleet SizeHaul Trip Cost/hr/ fleet\$36.221\$36.22\$27.441\$27.44Subtotals: \$63.66

### **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	MONTROSE	
Total one-way travel distance:	10.00	miles
Average Travel Speed:	50.00	mph
Total Non-Roadable Mob/Demob Cost *	\$10,499.99	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$25.46	

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.20	0.20
Return Time (Hours):	0.20	0.20
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.40	0.40

### JOB TIME AND COST

Total job time: **2.80** Hours

Total job cost: **\$10,525**