March 13, 2024

Doug Flowers Rock Pile, LLC 20965 Hwy 550 Montrose, CO 81403



1313 Sherman Street, Room 215 Denver, CO 80203

RE: Base Products Gravel Pit 1, Permit # M-1994-053, Reclamation Costs Update

Dear Operator:

In an effort to ensure the Financial Warranty for the above referenced site adequately reflects the actual current costs of fulfilling the requirements of the approved reclamation plan, the Colorado Division of Reclamation, Mining and Safety (Division) has updated the reclamation cost estimate (copy enclosed) for this site. Division calculations estimate the cost to reclaim the site to be \$41,265.00. This is an increase of \$8,962.00 over the \$32,303.00 currently held by the Division.

Within 15 days, please review the attached estimate and notify me if any calculation errors are noted.

If you require additional information, or have questions or concerns, please contact me.

Sincerely,

Dustin Czapla Environmental Protection Specialist Division of Reclamation, Mining and Safety Phone: (303) 866-3567, ext. 8188



COST SUMMARY WORK

Base Pro	duct Gravel Pit	1 Per	rmit Action:	2024-03-13	Permit/Jo	o#: <u>M1994053</u>
<u>ROJECT</u>	IDENTIFICAT	<u>FION</u>				
Task #:	000	State:	Colorado		Abbreviation:	None
Date:	3/13/2024	County:	Montrose		Filename:	M053-000
User:	DMC				_	

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Reduce highwall slope to 3H:1V	DOZER	1	6.96	\$2,968
02a	Rip pit floor	RIPPER	1	16.12	\$7,226
03a	Topsoil slopes	DOZER	1	1.26	\$538
04a	Topsoil pit floor	DOZER	1	18.69	\$7,975
05a	Vegetate disturbed area	REVEGE	1	24.00	\$12,450
06a	Mobilize reclamation crew and equipment	MOBILIZE	1	2.66	\$1,595
		<u>SUBTO</u>	TALS:	69.69	\$32,752

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$662
Performance bond:	1.05	Total =	\$344
Job superintendent:	34.85	Total =	\$2,268
Profit:	10.00	Total =	\$3,275
		TOTAL O & P =	\$6,548
		CONTRACT AMOUNT (direct + O & P) = $\frac{1}{2}$	\$39,300

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	\$0 0.00 5.00	Total = Total =	\$0 \$0 \$1,965
CONTINGENCY:	0.00	Total =	\$0
	TOTAL I	NDIRECT COST =	\$8,513
TOTAL BO	ND AMOUNT (direct + indirect) =	\$41,265

BULLDOZER WORK

Task description:	Reduce highwal				
Base Product Grave	l Pit 1 Per	mit Action:	2024-03-13	Permit/Job#:	M1994053
PROJECT IDENTII	FICATION				
Task #: 01A	State:	Colorado		Abbreviation:	None
Date: $3/13/2024$		Montrose		Filename:	2024031301a
User: DMC	County.	wondose		i nename.	20240515014
Agency or org	anization name: DI	RMS			
HOURLY EQUIPM	ENT COST				
	at D8T - 8SU				
Horsepower: 31					
	emi-Universal				
Attachment: N					
	per day				
Data Source: (C	CRG)				
Cost Breakdown:					
			Utilization %		
Ownership Cost/Hour:		\$241.38	NA		
Operating Cost/Hour:		\$143.92	100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:	· · · · · · · · · · · · · · · · · · ·	\$41.30	NA		
MATERIAL QUAN					
Initial Volume:5,2	08				
Initial Volume: 5,2 Swell factor: 1.0	08 60				
Initial Volume: 5,2 Swell factor: 1.0	08				
Initial Volume: <u>5,2</u> Swell factor: <u>1.0</u> Loose volume: <u>5,5</u> Source of estimated volu	08 60 20 LCY ume: Based on		litions 2500lf x 15'h 1:1 to	93:1	
Initial Volume: 5,2 Swell factor: 1.0	08 60 20 LCY ume: <u>Based on</u> ell factor: <u>Cat Hanc</u>		litions 2500lf x 15'h 1:1 tc	9 3:1	
Initial Volume: <u>5,2</u> Swell factor: <u>1.0</u> Loose volume: <u>5,5</u> Source of estimated volu Source of estimated swee <u>HOURLY PRODUC</u>	08 60 20 LCY ume: <u>Based on</u> ell factor: <u>Cat Hanc</u>		litions 2500lf x 15'h 1:1 to	93:1	
Initial Volume: 5,2 Swell factor: 1.0 Loose volume: 5,5 Source of estimated volu Source of estimated swee HOURLY PRODUC Average push distance:	08 60 20 LCY ume: Based on ell factor: Cat Hanc CTION _50 feet	lbook	litions 2500lf x 15'h 1:1 to	9.3:1	
Initial Volume: 5,2 Swell factor: 1.0 Loose volume: 5,5 Source of estimated volu Source of estimated swee HOURLY PRODUC Average push distance: Unadjusted hourly produ	08 60 20 LCY ume: Based on ell factor: Cat Hance CTION 50 feet uction: 1,400.0 LC	lbook Y/hr	litions 2500lf x 15'h 1:1 to	93:1	
Initial Volume: <u>5,2</u> Swell factor: <u>1.0</u> Loose volume: <u>5,5</u> Source of estimated volu Source of estimated sweet HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient:	08 60 20 LCY ume: Based on ell factor: Cat Hance CTION 50 feet uction: 1,400.0 LC	lbook Y/hr		9.3:1	
Initial Volume: 5,2 Swell factor: 1.0 Loose volume: 5,5 Source of estimated volu Source of estimated swee HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude:	08 60 20 LCY ume: <u>Based on</u> cat Hance CTION Uction: <u>50 feet</u> 1,400.0 LC escription: <u>Compa</u> 15 %	lbook Y/hr		. 3:1	
Initial Volume: 5,2 Swell factor: 1.0 Loose volume: 5,5 Source of estimated volu Source of estimated swee HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency do Average push gradient: Average site altitude: Material weight:	08 60 20 LCY ume: Based on ell factor: Cat Hance 2 TION uction: 50 feet 1,400.0 LC escription: Compa -15 % 5,750 feet	lbook Y/hr heted fill or en		-	
Initial Volume: 5,2 Swell factor: 1.0 Loose volume: 5,5 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description:	08 60 20 LCY ume: Based on ell factor: Cat Hance 2 TION uction: 1,400.0 LC escription: Compa -15 % 5,750 feet 2,900 lbs/LCY Sand and gravel -	lbook Y/hr ucted fill or en		-	
Initial Volume: 5,2 Swell factor: 1.0 Loose volume: 5,5 Source of estimated volu Source of estimated sweet HOURLY PRODUC Average push distance: Unadjusted hourly product Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator	08 60 20 LCY ume: Based on ell factor: Cat Hance CTION uction: 1,400.0 LC escription: Compa -15 % 5,750 feet 2,900 lbs/LCY Sand and gravel - on Factor r Skill: 0	Ibook Y/hr heted fill or en Dry .750		-	
Initial Volume: <u>5,2</u> Swell factor: <u>1.0</u> Loose volume: <u>5,5</u> Source of estimated volu Source of estimated sweet HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator Material consist	08 60 20 LCY ume: <u>Based on</u> ell factor: <u>Cat Hanc</u> <u>CTION</u> uction: <u>1,400.0 LC</u> escription: <u>Compa</u> <u>-15 %</u> <u>5,750 feet</u> <u>2,900 lbs/LCY</u> <u>Sand and gravel -</u> on Factor r Skill: <u>0</u> stency: <u>0</u>	Ibook Y/hr icted fill or en Dry .750 .900		<u></u>	
Initial Volume: <u>5,2</u> Swell factor: <u>1.0</u> Loose volume: <u>5,5</u> Source of estimated volu Source of estimated sweet HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator Material consis Dozing m	08 60 $20 LCY$ ume: <u>Based on</u> ell factor: <u>Cat Hanc</u> $CTION$ uction: <u>50 feet</u> uction: <u>1,400.0 LC</u> escription: <u>Compa</u> $\frac{-15 \%}{5,750 \text{ feet}}$ $2,900 \text{ lbs/LCY}$ <u>Sand and gravel -</u> on Factor r Skill: <u>0</u> stency: <u>0</u> nethod: <u>1</u>	Ibook Y/hr heted fill or en Dry .750		<u>93:1</u>	

Job efficiency	y: 0.830	(1 SHIFT/DAY)
Spoil pil	e: 0.800	(FND-RF)
Push gradien	ıt: 1.329	(CAT HB)
Altitud	e: 1.000	(CAT HB)
Material Weigh	it: 0.793	(CAT HB)
Blade typ	e: 1.000	(PAT)
Net correction	n: 0.5668	
Adjusted unit production:	793.52 LCY/hr	
Adjusted fleet production:	793.52 LCY/hr	

JOB TIME AND COST

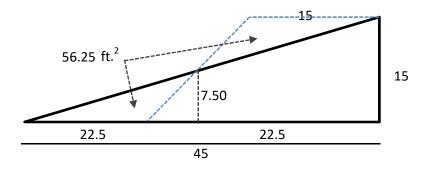
Fleet size:	1 Dozer(s)
Unit cost:	\$0.538/LCY

Total job time:	6.96 Hours
Total job cost:	\$2,968

Highwall reduction - cut and fill

Highwall Height (ft.)	15.0	
Length of Highwall (Ift.)	2500	
Initial Slope	1.0	H:1V
Desired Slope	3	H:1V
Volume of material to be moved (ft. ³)	140,625	
Volume of material to be moved (yd. ³)	5,208	

All dimensions measured in feet Drawing not to scale



BULLDOZER RIPPING WORK

	Task description:	Rip	pit floor				
Site	Base Product	Gravel Pit 1	Permit Action:	2024-03-13	Permit/	/Job#: <u>M1</u>	994053
	PROJECT IDI	ENTIFICATI	<u>ON</u>				
	Task #: $02A$ Date: $3/1$ User: DM	3/2024	State: <u>Colorado</u> County: <u>Montrose</u>		Abbreviat		1e 4031302a
	Agency	or organization	name: DRMS				
	HOURLY EQU	UIPMENT CO	D <u>ST</u>				
	Basic I Ripper Atta		D8T - 8SU hank Ripper		Horsepower: Shift Basis: Data Source:	310 1 per day (CRG)	ý
	Cost Breakdown:						
		Ownership Co Operating Co er Ownership Co ber Operating Co Operator Co Total Unit Co	ost/Hour: ost/Hour: ost/Hour: ost/Hour:	\$241.38 \$143.92 \$14.11 \$7.45 \$41.30 \$448.16	Utilization % NA 100 NA 100 NA		
		Total Fleet Co		18.16			
	MATERIAL Q		Sel	lected estimating	method: Area		
	Alternate Method	<u>ls:</u>					
Seismic: Area:	NA 11.00	acres	Bank Volume: Rip Depth (ft):	NA 1.50	BCY Volume: 26,620	NA 0	BCY or CCY
			nated quantity: Curren				
	HOURLY PRO						
	Seismic:						
	<u>Seisinie.</u>	S	Seismic Velocity:	NA	feet/second		
	Area:						
			e Ripping Depth: e Ripping Width:	2.56 7.08	feet/pass feet/pass		
			Ripping Length:	500.00	feet/pass		
		Avera	age Dozer Speed:	88.00	feet/minute		
		-	Maneuver Time:	0.25	minutes/pass		
		Product	ion per unit area:	0.822	acres/hour		
	Job Condition Co	rrection Factors					
	Un	adjusted Hourly	Unit Production:	0.822	Acres/hr		
			Site Altitude:	5,750	feet		
			Altitude Adj:	1.00	(CAT HB)		
			Job Efficiency:	0.83	(1 shift/day)		
			Net Correction:	0.83	multiplier		
			Hourly Unit Production: Hourly Fleet Production:		Acres/hr Acres/hr		
	JOB TIME AN	D COST					
	Fleet size:	1	Grader(s)	Total job time			Hours
	Unit cost:	\$656.865	Per acre	Total job cost	t: \$7,226		_

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BULLDOZER WORK

Task description:	Topso					
Base Product Grav	el Pit 1	Per	mit Action:	2024-03-13	Permit/Job#:	M1994053
PROJECT IDENT	IFICATIO	N				
Task #: 03A Date: 3/13/202 User: DMC		State: County:	Colorado Montrose		Abbreviation: Filename:	None M053-03a
Agency or or	ganization n	ame: DF	RMS			
HOURLY EQUIPN	AENT CO	ST				
Basic Machine:	Cat D8T - 85					
	310					
	Semi-Univer	sal				
	NA					
	per day					
Data Source: _(CRG)					
Cost Breakdown:						
				Utilization %		
Ownership Cost/Hou			\$241.38	NA		
Operating Cost/Hou			\$143.92	100		
Ripper own. Cost/Hou			\$0.00	NA		
Ripper op. Cost/Hou	r:		\$0.00	0		
				NT A		
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUA	\$426.60 \$426.6		\$41.30	NA		
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: <u>MATERIAL QUAN</u> Initial Volume: <u>2,</u> Swell factor: <u>1.</u>	\$426.60 \$426.60 NTITIES 420 000		\$41.30 	NA		
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 2, Swell factor: 1.	\$426.60 \$426.60 NTITIES 420		\$41.30	NA		
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume:, Swell factor: Loose volume: Source of estimated vo Source of estimated sw	\$426.60 \$426.60 NTITIES 420 000 420 LCY blume: vell factor:	0	 onditions apr	rox. 3 ac. x 6"		
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 2, Swell factor: 1. Loose volume: 2, Source of estimated vo Source of estimated sw HOURLY PRODU	\$426.60 \$426.60 \$426.60 \$420 000 420 LCY olume: vell factor: CTION	0 Current c Cat Hand	 onditions apr			
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume:, Swell factor: Loose volume: Source of estimated vo Source of estimated sw	\$426.60 \$426.60 \$426.60 \$420 000 420 LCY olume: vell factor: CTION :	0 Current c	onditions applications applicat			
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 2, Swell factor: 1. Loose volume: 2, Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance	\$426.60 \$426.60 NTITIES 420 000 420 LCY blume: vell factor: CTION : duction:	0 Current c Cat Hand 50 feet 1,400.0 LC	onditions applications applicat			
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 2, Swell factor: 1. Loose volume: 2, Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro	\$426.60 \$426.60 \$426.60 NTITIES 420 000 420 LCY blume: vell factor: CTION : duction: description:	0 Current c Cat Hand 50 feet 1,400.0 LC Loose s	onditions app book			
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 2, Swell factor: 1. Loose volume: 2, Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency of Average push gradient	\$426.60 \$426.60 \$426.60 NTITIES 420 000 420 LCY where: Vell factor: CTION : duction: duction: :	0 Current c Cat Hand 50 feet 1,400.0 LC Loose s	onditions app book			
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume:, Swell factor: Loose volume:, Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency of Average push gradient Average site altitude:	\$426.60 \$426.60 \$426.60 NTITIES 420 000 420 LCY where: Vell factor: CTION : duction: duction: :	0 Current c Cat Hand 50 feet 1,400.0 LC Loose s eet bs/LCY	onditions app book			
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume:, Swell factor: Loose volume:, Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency of Average push gradient Average site altitude: Material weight: Weight description:	\$426.60 \$426.60 \$426.60 NTITIES 420 000 420 LCY where: Vell factor: CTION : duction: duction: : = 1,600 ll Top So	0 Current c Cat Hand 50 feet 1,400.0 LC Loose s eet bs/LCY	onditions app book	rox. 3 ac. x 6"		
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 2, Swell factor: 1. Loose volume: 2, Source of estimated vo Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency of Average push gradient Average site altitude: Material weight: Weight description: Iob Condition Correcti	\$426.60 \$426.60 \$426.60 NTITIES 420 000 420 LCY where: Vell factor: CTION : duction: duction: : = 1,600 ll Top So	0 Current c Cat Hand 50 feet 1,400.0 LC Loose s eet bs/LCY il	onditions app book			
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 2, Swell factor: 1. Loose volume: 2, Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency of Average push gradient Average site altitude: Material weight: Weight description: <u>Iob Condition Correction</u> Operat	\$426.60 \$426.60 \$426.60 \$426.60 \$420.60 420 420 LCY blume: vell factor: CTION : duction: duction: : description: : : : : description: : 5,750 ff 1,600 ll <u>Top So</u> ton Factor or Skill: istency:	0 Current c Cat Hand 50 feet 1,400.0 LC Loose s eet bs/LCY il	 onditions applications lbook Y/hr stockpile 1.2	rox. 3 ac. x 6"		
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 2, Swell factor: 1. Loose volume: 2, Source of estimated vo Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency of Average push gradient Average site altitude: Material weight: Weight description: Iob Condition Correction Operation	\$426.60 \$426.60 \$426.60 \$426.60 \$420.60 420 420 LCY blume: vell factor: CTION : duction: duction: : description: : : : : description: : 5,750 ff 1,600 ll <u>Top So</u> ton Factor or Skill: istency:	0 Current c Cat Hand 50 feet 1,400.0 LC Loose s eet bs/LCY il 0.		rox. 3 ac. x 6"		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	1.3705	
Adjusted unit production: 1,	918.70 LCY/hr	
Adjusted fleet production: 19	918.7 LCY/hr	

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.222/LCY

Total job time:	1.26 Hours
Total job cost:	\$538

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BULLDOZER WORK

	iption:		10050	il pit floo	ſ			
: Base Pro	oduct Gra	avel P	Pit 1	Pe	rmit Action:	2024-03-13	Permit/Job#	: M1994053
PROJEC	T IDEN	TIFI	CATIO	N				
Task #:	04A			State:	Colorado		Abbreviation:	None
Date:	3/13/20	024		County:			Filename:	M053-04a
User:		024		County.	Wolltiose			1V1055-04a
			<u> </u>					
А	gency or	organ	ization n	ame: D	RMS			
HOURLY	Y EQUIE	PME	NT CO	<u>ST</u>				
Basic M	-		D8T - 88	SU				
	epower:	310						
	e Type:		i-Univer	sal				
	chment:	NA						
	t Basis:		r day					
Data	Source:	(CR	G)					
Cost Break	down:							
						Utilization %	<u>)</u>	
Ownershi					\$241.38	NA		
	g Cost/Ho				\$143.92	100		
Ripper owr					\$0.00	NA		
	p. Cost/Ho	-			\$0.00	0		
Operator	r Cost/Ho	our:			\$41.30	NA		
<u>MATERI</u>								
Initial Vo		8,873						
		1.000						
Swell		8.873	LCY					
Swell : Loose vo	olume:	-)		Current				
			ne:	Current	conditions ap	rox. 11ac x 6"		
Loose vo	estimated	volum		Cat Han		rox. 11ac x 6"		
Loose vo Source of e Source of e	estimated settimated s	volum swell	factor:			rox. 11ac x 6"		
Loose vo Source of e Source of e <u>HOURLY</u>	estimated sestimated sestimated settimated s	volum swell UCT	factor: <u>ION</u>	Cat Han		rox. 11ac x 6"		
Loose vo Source of e Source of e <u>HOURLY</u> Average pu	estimated sestimated sestimated settimated s	volum swell UCT	factor: ION	Cat Han 250 feet	dbook	rox. 11ac x 6"		
Loose vo Source of e Source of e	estimated sestimated sestimated settimated s	volum swell UCT	factor: ION	Cat Han	dbook	rox. 11ac x 6"		
Loose vo Source of e Source of e <u>HOURLY</u> Average pu	estimated s estimated s <u>Y PROD</u> ush distand l hourly pr	volum swell <u>UCT</u> ce: roduct	factor: ION tion:	Cat Han 250 feet 377.8 LCY	dbook			
Loose vo Source of e Source of e <u>HOURLY</u> Average pu Unadjusted Materials c	estimated sestimated sestimated sestimated settimated s	volum swell UCT ce: roduct y desc	factor: ION tion:	Cat Han 250 feet 377.8 LCY	dbook 7/hr			
Loose vo Source of e Source of e <u>HOURLY</u> Average pu Unadjusted	estimated sestimated sestimated sestimated settimated s	volum swell UCT ce: roduct y desc nt:	factor: ION tion:	Cat Han 250 feet 377.8 LCY Loose	dbook 7/hr			
Loose vo Source of e Source of e HOURLY Average pu Unadjusted Materials c Average pu	estimated s estimated s Y PROD ush distand hourly pr consistency ush gradie te altitude	volum swell UCT ce: roduct y desc nt:	factor: ION tion: cription: 5 % 5,750 f	Cat Han 250 feet 377.8 LCY Loose	dbook 7/hr			
Loose vo Source of e Source of e HOURLY Average pu Unadjusted Materials c Average pu Average sit	estimated s estimated s Y PROD ush distand hourly pr consistency ush gradie te altitude eight:	volum swell UCT ce: roduct y desc nt:	factor: ION tion: cription: 5 % 5,750 f	Cat Han 250 feet 377.8 LCY Loose eet bs/LCY	dbook 7/hr			
Loose vo Source of e Source of e HOURLY Average pu Unadjusted Materials c Average pu Average pu Average sit	estimated s estimated s estimated s ash distand hourly pr consistency ush gradie te altitude eight: scription:	volum swell ce: roduct y desc nt:	factor: <u>ION</u> tion: cription: <u>-15 %</u> <u>5,750 f</u> <u>1,600 1</u> <u>Top Sc</u>	Cat Han 250 feet 377.8 LCY Loose eet bs/LCY	dbook 7/hr			
Loose vo Source of e Source of e HOURLY Average pu Unadjusted Materials c Average pu Average sit	estimated sestimated sestimated sestimated sestimated settimated settimates s	volum swell ce: roduct y desc nt:	factor: <u>ION</u> tion: cription: 5,750 f 600 1 Top Sc Factor	Cat Han 250 feet 377.8 LCY Loose eet bs/LCY il	dbook 7/hr			
Loose vo Source of e Source of e HOURLY Average pu Unadjusted Materials c Average pu Average sit Material wo Weight des Job Condit	estimated sestimated sestimated sestimated sestimated settimated settimated settimated settimated settimated settimated settimated settimates s	volum swell UCT ce: roduct y desc nt: : : : : : : : : : : : : : : : : : :	factor: <u>ION</u> tion: cription: 5,750 f 1,600 l Top Sc <u>Factor</u> kill: ncy:	Cat Han 250 feet 377.8 LCY Loose eet bs/LCY il	dbook //hr stockpile 1.2) B)	
Loose vo Source of e Source of e HOURLY Average pu Unadjusted Materials c Average pu Average sit Material wo Weight des Job Condit	estimated sestimated sestimated sestimated sestimated settimated settimated settimated settimated settimated settimated settimated settimates s	volum swell UCT ce: roduct y desc nt: : : : : : : : : : : : : : : : : : :	factor: ION tion: tion: cription: 5,750 f 1,600 l 1,600 l Top Sc Factor kill: ncy: hod:	Cat Han 250 feet 377.8 LCY Loose èeet bs/LCY il	dbook //hr stockpile 1.2) B) L)	

Job efficiency	y: 0.830	(1 SHIFT/DAY)
Spoil pile	e: 0.800	(FND-RF)
Push gradien	t: 1.329	(CAT HB)
Altitud	e: 1.000	(CAT HB)
Material Weigh	t: 1.438	(CAT HB)
Blade type	e: 1.000	(PAT)
Net correction	n: <u>1.2563</u>	
Adjusted unit production:	474.63 LCY/hr	
Adjusted fleet production:	474.63 LCY/hr	

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.899/LCY

Total job time:	18.69 Hours
Total job cost:	\$7,975

REVEGETATION WORK

Task descri	ption:	Vegetate disturb	oed area			
Site: Base Pro	oduct Gravel	Pit 1 Per	rmit Action:	2024-03-13	Permit/Job	o#: <u>M1994053</u>
PROJECT	IDENTIFIC	CATION				
Task #: Date:	05A 3/13/2024	State: County:	Colorado Montrose		Abbreviation: Filename:	None M053-05a
User:	DMC					

FERTILIZING

Materials

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

Application

Description	Cost /Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

Description		Cost /Acre
Chisel plowing {DMG}		\$100.40
Weed control spraying (MEANS 31 31 16.13 3100)		\$338.80
	Total Tilling Cost/Acre	\$439.20

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Rye, Perennial Tetraploid - Elgon	1.00	5.67	\$1.80
Crested Wheatgrass - Hy-Crest	1.30	5.97	\$5.17
Crested Wheatgrass - Nordan	1.30	5.97	\$5.07
Smooth Brome - Lincoln	1.80	5.99	\$5.99
Russian Wildrye - VNS	1.50	6.03	\$8.88
Intermediate Wheatgrass - Rush	4.75	10.14	\$13.30
Totals Seed Mix	11.65	39.77	\$40.20

Application

Description		Cost /Acre
Drill Seeding (DRMS Survey Cost)		\$232.00
	Total Seed Application Cost/Acre	\$232.00

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

Description	Cost /Acre
	\$
Total Mulch Application Cost/Acre	\$0.00

NURSERY STOCK PLANTING

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

JOB TIME AND COST

Job Hours: 24.00

0
0

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Base Produc	ct Gravel Pit 1	Permit	Action: 2024-	-03-13	Permi	t/Job#: <u>M</u>	1994053
PROJECT ID	ENTIFICATI	<u>ON</u>					
Task #: 0	6A	State: Co	olorado		Abbreviatio	on: None	
	/13/2024 DMC	County: Mo	ontrose		Filenam	ne: M053	9-06a
Agenc	y or organization	n name: DRMS					
EQUIPMENT	TRANSPOR	<u>T RIG COST</u>					
				C	Shift basis: ost Data Source:	1 per da CRG Da	
Tru	ick Tractor Desc	ription: GENE	RIC ON-HIGH		CK TRACTOR, 62 (2ND HALF, 2006)		L POWERED,
Tn	uck Trailer Desc	ription G	ENERIC FOLD	ING GOO	SENECK, DROP D	DECK EOU	IPMENT
	aok Hunor Dese				25T, 50T, AND 10	~	
Cost Breakdown					· · · · · · · · · · · · · · · · · · ·	~	
Cost Breakdown Available Rig	<u>:</u> Capacities	0-25 Tons	26-50 Tons	<u>FRAILER (</u>	25T, 50T, AND 10	~	
Cost Breakdown Available Rig Ownersh	<u>:</u> Capacities hip Cost/Hour:	0-25 Tons \$20.26	26-50 Tons \$36.04	<u>FRAILER (</u> 51+ \$4	25T, 50T, AND 10 Tons 7.05	~	
Cost Breakdown Available Rig Ownersh Operatin	<u>Capacities</u> nip Cost/Hour: ng Cost/Hour:	0-25 Tons \$20.26 \$39.51	26-50 Tons \$36.04 \$76.08	TRAILER (51+ \$4 \$8	25T, 50T, AND 10 Tons 7.05 2.85	~	
Cost Breakdown Available Rig Ownersh Operati Operati	<u>Capacities</u> nip Cost/Hour: ng Cost/Hour: tor Cost/Hour:	0-25 Tons \$20.26 \$39.51 \$22.52	26-50 Tons \$36.04 \$76.08 \$22.52	S1+ \$4 \$8 \$2	25T, 50T, AND 10 Tons 7.05 2.85 2.52	~	
Cost Breakdown Available Rig Ownersh Operati Operat Help	<u>Capacities</u> nip Cost/Hour: ng Cost/Hour:	0-25 Tons \$20.26 \$39.51	26-50 Tons \$36.04 \$76.08	S1+ \$4 \$8 \$2 \$2	25T, 50T, AND 10 Tons 7.05 2.85	~	
Cost Breakdown Available Rig Ownersh Operati Operat Help	Capacities hip Cost/Hour: ng Cost/Hour: tor Cost/Hour: per Cost/Hour: nit Cost/Hour:	0-25 Tons \$20.26 \$39.51 \$22.52 \$0.00 \$82.29	26-50 Tons \$36.04 \$76.08 \$22.52 \$23.53	S1+ \$4 \$8 \$2 \$2	25T, 50T, AND 10 Tons 7.05 2.85 2.52 3.53 75.95	<u>(0T)</u>	
Cost Breakdown Available Rig Ownersh Operati Operat Help Total Un	Capacities hip Cost/Hour: ng Cost/Hour: tor Cost/Hour: per Cost/Hour: nit Cost/Hour:	0-25 Tons \$20.26 \$39.51 \$22.52 \$0.00 \$82.29	26-50 Tons \$36.04 \$76.08 \$22.52 \$23.53	S1+ \$4 \$8 \$2 \$2	25T, 50T, AND 10 Tons 7.05 2.85 2.52 3.53 75.95 Haul Trip Ret	0T)	DOT Permit
Cost Breakdown Available Rig Ownersh Operati Operat Help Total U NON ROADA	Capacities nip Cost/Hour: ng Cost/Hour: tor Cost/Hour: tor Cost/Hour: nit Cost/Hour: BLE EQUIPN Weight/ Unit	0-25 Tons \$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT:	26-50 Tons \$36.04 \$76.08 \$22.52 \$23.53 \$158.17	S1+ \$4 \$8 \$2 \$17	25T, 50T, AND 10 Tons 7.05 2.85 2.52 3.53 '5.95 Haul Trip Ret Cost/hr/	<u>(0T)</u>	
Cost Breakdown Available Rig Ownersh Operati Operati Help Total Un NON ROADA Machine Description	Capacities nip Cost/Hour: ng Cost/Hour: tor Cost/Hour: tor Cost/Hour: nit Cost/Hour: BLE EQUIPN Weight/ Unit (TONS)	0-25 Tons \$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT: Owner ship Cost/hr/ unit	26-50 Tons \$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni t	S1+ \$4 \$4 \$2 \$17 Fleet Size	25T, 50T, AND 10 Tons 7.05 2.85 2.52 3.53 '5.95 Haul Trip Cost/hr/ fleet	urn Trip st/hr/ fleet	DOT Permit Cost/ fleet
Cost Breakdown Available Rig Ownersh Operati Operat Help Total Un NON ROADA Machine	Capacities nip Cost/Hour: ng Cost/Hour: tor Cost/Hour: tor Cost/Hour: nit Cost/Hour: BLE EQUIPN Weight/ Unit	0-25 Tons \$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT: Owner ship	26-50 Tons \$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni	SI 51+ \$4 \$8 \$2 \$17 Fleet	25T, 50T, AND 10 Tons 7.05 2.85 2.52 3.53 '5.95 Haul Trip Cost/hr/	urn Trip st/hr/ fleet	DOT Permit

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.	\$15.83	1	\$15.83	\$15.83
Drill/Broadcast Seeder with	\$14.81	1	\$14.81	\$14.81
Tractor				
Power Mulcher (Bowie LD-90)	\$57.02	1	\$57.02	\$57.02
		Subtotals:	\$87.66	\$87.66

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance:	MONTROSE 5.00	miles
Average Travel Speed:	30.00	mph
Total Non-Roadable Mob/Demob Cost *	\$1,565.34	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$29.22	

Transportation Cycle Time:

Non- Roadable Equipment 0.17 0.17 0.50 0.50	Roadable Equipment 0.17 0.17 NA NA
1.33	0.33
	Roadable Equipment 0.17 0.17 0.50 0.50

JOB TIME AND COST

Total job time: **2.67** Hours

Total job cost: \$1,595