COST SUMMARY WORK

Task description:		Reclamation Cost Estimate Summary -TR2					
Site: <u>Ted Franciscotti Pit #1</u>		Per	mit Action:	TR2	Permit/Jol	o#: M2007006	
<u>PI</u>	ROJECT	IDENTIFIC	<u>ATION</u>				
	Task #:	000	State:	Colorado		Abbreviation:	None
	Date:	6/5/2025	County:	Huerfano		Filename:	M006-000
	User:	AMG					
	Agency or organization name: DRMS						

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Grade slopes within east disturbance to 3H:1V	DOZER	1	1.62	\$356
002	Grade highwalls within landowner's pit to 3H:1V	DOZER	1	1.53	\$337
003	Grade Out Reject Stockpile	DOZER	1	40.82	\$8,965
004	Spread topsoil over 46 acres	SCRAPER1	1	42.50	\$43,018
005	Revegetate 46 acres	REVEGE	1	46.00	\$102,118
005b	Re-seed 46 acres	REVEGE	1	46.00	\$33,175
006	Mobilization/Demobilization	MOBILIZE	1	6.44	\$7,501
		<u>SUBTO</u>	TALS:	184.91	\$195,470

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$3,948
Performance bond:	1.05	Total =	\$2,052
Job superintendent:	92.46	Total =	\$7,329
Profit:	10.00	Total =	\$19,547
		TOTAL O & P =	\$32,877
		CONTRACT AMOUNT (direct + O & P) = $\frac{1}{2}$	\$228,347

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	\$500 4.25 5.00	Total = Total =	\$500 \$9,705 \$11,417
CONTINGENCY:	0.00	Total =	\$0
		TOTAL INDIRECT COST =	\$54,499
TOTAL BO	ND AN	/IOUNT (direct + indirect) =	\$249,969

BULLDOZER WORK

Ted Franciscotti Pit #1	Permit Action:	TR2	Permit/Job#:	M2007006
PROJECT IDENTIFICA	ATION			
			A11 · .·	N
Task #: 001	State: <u>Colorado</u>		Abbreviation:	None
Date: 5/28/2025	County: Huerfano		Filename:	1
User: AMG				
Agency or organiza	ation name: DRMS			
HOURLY EQUIPMEN	<u>r cost</u>			
Basic Machine: Cat D7	7R DS XR Series II	_		
Horsepower: 240				
Blade Type: Semi-U	Universal			
Attachment: 3-shan	k ripper			
Shift Basis: 1 per d	lay	_		
Data Source: (CRG)		_		
Cost Breakdown:				
—		Utilization %		
Ownership Cost/Hour:	\$90.24	NA		
Operating Cost/Hour:	\$78.95	100		
Ripper own. Cost/Hour:	\$9.25	NA		
Ripper op. Cost/Hour:	\$2.60	50		
Operator Cost/Hour:	\$38.59	NA		
	5219.63			
latal Elast Cast/Haym	210 62			
MATERIAL QUANTIT	219.63 <u>IES</u>			
	IES Y 2024 Inspection length	est. ~ 1559' L x 15' H	slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC	IES Y 2024 Inspection length 2H:1V	est. ~ 1559' L x 15' H	slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Gource of estimated volume: Swell factor	IES Y 2024 Inspection length 2H:1V ctor: Cat Handbook	est. ~ 1559' L x 15' H	slope	
Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Source of estimated volume:	IES Y 2024 Inspection length 2H:1V ctor: Cat Handbook	est. ~ 1559' L x 15' H	slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Gource of estimated volume: Swell factor	IES Y 2024 Inspection length 2H:1V ctor: Cat Handbook	est. ~ 1559' L x 15' H	slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Source of estimated volume: 5000000000000000000000000000000000000	IES Y 2024 Inspection length 2H:1V ctor: Cat Handbook DN 50 feet	est. ~ 1559' L x 15' H	slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Source of estimated volume: Source of estimated swell factor: HOURLY PRODUCTIO Average push distance:	IES Y 2024 Inspection length $2H:1V$ ctor: Cat Handbook DN 50 feet n: 1,022.9 LCY/hr		slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Source of estimated volume: Source of estimated volume: Source of estimated swell factor: HOURLY PRODUCTIO Average push distance: Jnadjusted hourly productio Materials consistency description	IES Y 2024 Inspection length 2H:1V ctor: Cat Handbook DN 50 feet n: 1,022.9 LCY/hr ption: Consolidated stockpi 15 %		slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Source of estimated volume: 902 Source of estimated volume: 902 Source of estimated swell factor: 906 LC Source of estimated swell factor: 906 LC Source of estimated swell factor: 907 LOURLY PRODUCTION Average push distance: 908 Lourly production Materials consistency description 908 Lourly production	IES Y 2024 Inspection length 2H:1V ctor: Cat Handbook DN 50 feet n: 1,022.9 LCY/hr ption: Consolidated stockpi		slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Gource of estimated volume: Gource of estimated volume: Gource of estimated swell factor: HOURLY PRODUCTIO Average push distance: Jnadjusted hourly production Atterials consistency description Average push gradient: Average site altitude:	IES Y 2024 Inspection length 2H:1V ctor: Cat Handbook DN 50 feet n: 1,022.9 LCY/hr ption: Consolidated stockpi 15 %		slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Gource of estimated volume: Gource of estimated volume: Gource of estimated swell factor: HOURLY PRODUCTIO Average push distance: Unadjusted hourly production Average push gradient: Average site altitude: Average site altitude:	IES Y 2024 Inspection length 2H:1V ctor: Cat Handbook DN		slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Source of estimated volume: Source of estimated volume: Source of estimated swell factor: Source of estimated swell factor: Source of estimated swell factor: Auterials consistency description Average push distance: Unadjusted hourly production Auterials consistency description Average site altitude: Auterial weight: 2	IES Y 2024 Inspection length 2H:1V ctor: Cat Handbook DN		slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Jource of estimated volume: 902 Source of estimated volume: 956 LC Jource of estimated volume: 906 LC Source of estimated swell factor: 1000000000000000000000000000000000000	IES Y 2024 Inspection length 2H:1V ctor: Cat Handbook DN	 le 1.0	slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Jource of estimated volume: 902 Source of estimated volume: 902 Source of estimated swell factor: 1.060 Jource of estimated swell factor: 1.060 Source of estimated swell factor: 1.060 Auterials consistency description: 6 Auterial weight: 2 Veight description: 2 Ob Condition Correction Factor 5	IES Y 2024 Inspection length $2H:1V$ 2H:1V ctor: Cat Handbook DN 50 feet m: 1,022.9 LCY/hr ption: Consolidated stockpi 15 %		slope	
MATERIAL QUANTIT Initial Volume: 902 Swell factor: 1.060 Loose volume: 956 LC Source of estimated volume: Source of estimated volume: Source of estimated swell factor: Source of estimated swell factor: Source of estimated swell factor: Materials consistency description: Average push distance: Unadjusted hourly production Aterials consistency description: Average site altitude: Material weight: Veight description: Source of condition Correction Factor	IES Y 2024 Inspection length 2024 Inspection length $211V$ ctor: Cat Handbook DN 50 feet $1,022.9$ LCY/hr ption: Consolidated stockpi 15% $5,100$ feet $2,900$ lbs/LCY Sand and gravel - Dry ctor $11:$ 0.750 y: 1.000		slope	

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:	0.793	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.5773	
Adjusted unit production: 59	90.52 LCY/hr	
Adjusted fleet production: 59	00.52 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$0.372/LCY

Total job time:	1.62 Hours
Total job cost:	\$356

Page 1 of 2

BULLDOZER WORK

ask description:					
Ted Franciscotti Pit	#1 Per	mit Action:	TR2	Permit/Job#:	M2007006
PROJECT IDENTIF	TICATION				
Task #: 002	State:	Colorado		Abbreviation:	None
		Huerfano			2
	County:	Huerlano		Filename:	2
User: <u>AMG</u>					
Agency or orga	inization name: DR	RMS			
IOURLY EQUIPM	ENT COST				
Basic Machine: Ca	t D7R DS XR Series	II			
Horsepower: 24	0				
	mi-Universal				
• • •	shank ripper		_		
	ber day				
	RG)				
<u></u>					
Cost Breakdown:		1			
			Utilization %		
Ownership Cost/Hour:		\$90.24	NA		
Operating Cost/Hour:		\$78.95	100		
tipper own. Cost/Hour:		\$9.25	NA		
Ripper op. Cost/Hour:		\$2.60	50		
		\$38.59	NA		
Operator Cost/Hour: otal unit Cost/Hour: otal Fleet Cost/Hour: <u>MATERIAL QUAN</u>		<i>400,009</i>			
otal unit Cost/Hour: Total Fleet Cost/Hour:	\$219.63 <u>FITIES</u>				
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 725 Swell factor: 1.12	\$219.63 <u>FITIES</u>				
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 725 Swell factor: 1.12 Loose volume: 815	\$219.63 FITIES 24 LCY			H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 725 Swell factor: 1.12	\$219.63 FITIES 24 LCY		h est ~ 742.23 L x 10'	H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 725 Swell factor: 1.12 Loose volume: 815	\$219.63 FITIES 24 LCY me: 2024 Insp 75H:1V	 Dection lengtl		H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 725 Swell factor: 1.12 Loose volume: 815 ource of estimated volu	\$219.63 FITIES 24 LCY me: 2024 Insp 75H:1V	 Dection lengtl		H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 725 Swell factor: 1.12 Loose volume: 815 ource of estimated volu	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor: Cat Hand	 Dection lengtl		H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 9 Swell factor: 1.12 Loose volume: 815 ource of estimated volu ource of estimated swei HOURLY PRODUC	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor: Cat Hand TION	 Dection lengtl		H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 725 Swell factor: 1.12 Loose volume: 815 ource of estimated volu ource of estimated swe	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor: .75H:1V Cat Hand TION 50 feet	 bection lengtl		H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 112 Swell factor: 112 Loose volume: 815 ource of estimated volu ource of estimated swell HOURLY PRODUC Average push distance:	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor: Cat Hand TION action: 50 feet 1,022.9 LC	 bection lengtl book Y/hr		H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: ATERIAL QUANT Initial Volume: 725 Swell factor: 1.12 Loose volume: 815 ource of estimated volu ource of estimated swe HOURLY PRODUC Average push distance: Inadjusted hourly produ Materials consistency de	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor:	 bection lengtl book Y/hr	h est ~ 742.23 L x 10'	H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: ATERIAL QUANT Initial Volume: 725 Swell factor: 1.12 Loose volume: 815 ource of estimated volu ource of estimated swe HOURLY PRODUC Average push distance: Inadjusted hourly product Atterials consistency de Average push gradient:	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor: Cat Hand TION action: 50 feet action: 1,022.9 LC scription: Compa 15 %	 bection lengtl book Y/hr	h est ~ 742.23 L x 10'	H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: ATERIAL QUANT Initial Volume: 725 Swell factor: 1.12 Loose volume: 815 ource of estimated volu ource of estimated swe HOURLY PRODUC Average push distance: Inadjusted hourly produ Materials consistency de	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor:	 bection lengtl book Y/hr	h est ~ 742.23 L x 10'	H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: ATERIAL QUANT Initial Volume: 725 Swell factor: 1.12 Loose volume: 815 ource of estimated volu ource of estimated swe HOURLY PRODUC Average push distance: Inadjusted hourly product Atterials consistency de Average push gradient:	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor: Cat Hand TION action: 50 feet action: 1,022.9 LC scription: Compa 15 %	 bection lengtl book Y/hr	h est ~ 742.23 L x 10'	H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 725 Swell factor: 1.12 Loose volume: 815 ource of estimated volu 000000000000000000000000000000000000	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor: Cat Hand TION action: <u>50 feet</u> action: <u>1,022.9 LC</u> scription: Compa -15 %	 bection lengtl book Y/hr cted fill or en	h est ~ 742.23 L x 10'	H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 21 Swell factor: 1.12 Loose volume: 815 ource of estimated volu ource of estimated swell HOURLY PRODUC Auterials consistency de Auterials consistency de Auterial weight: Veight description: ob Condition Correction	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor: Cat Hand TION action: <u>50 feet</u> action: <u>1,022.9 LC</u> scription: Compa -15 %	 Dection lengtl book Y/hr cted fill or en Dry	h est ~ 742.23 L x 10'	H slope	
Total unit Cost/Hour: Total Fleet Cost/Hour: ATERIAL QUANT Initial Volume: 25 Swell factor: 1.12 Loose volume: 815 ource of estimated volut ource of estimated swell HOURLY PRODUC Atterials consistency de Average push distance: Inadjusted hourly produ Atterials consistency de Average site altitude: Atterial weight: Veight description: ob Condition Correction	\$219.63 FITIES 24 LCY ume: 2024 Insp .75H:1V Il factor:	 Dection lengtl book Y/hr cted fill or en Dry 750	h est ~ 742.23 L x 10' mbankment 0.9 <u>Source</u> (AVG.)		
Total unit Cost/Hour: Total Fleet Cost/Hour: ATERIAL QUANT Initial Volume: 25 Swell factor: 1.12 Loose volume: 815 ource of estimated volut ource of estimated swell HOURLY PRODUC Atterials consistency de Average push distance: Inadjusted hourly produ Aterials consistency de Average site altitude: Aterial weight: Veight description: ob Condition Correction Operator Material consist	\$219.63 FITIES 24LCYume: 2024 Insp.75H:1VIl factor: Cat Hand TION action: 50 feetaction: $1,022.9$ LCscription:Compa -15% $6,100$ feet $2,900$ lbs/LCYSand and gravel - 1000 Skill: 0.000 Skill: 0.000	 Dection lengtl book Y/hr cted fill or en Dry	h est ~ 742.23 L x 10'		
Total unit Cost/Hour: Total Fleet Cost/Hour: ATERIAL QUANT Initial Volume: 25 Swell factor: 1.12 Loose volume: 815 ource of estimated volut ource of estimated swell HOURLY PRODUC Atterials consistency de Average push distance: Inadjusted hourly produ Atterials consistency de Average site altitude: Atterial weight: Veight description: ob Condition Correction	\$219.63 FITIES 24LCYume: 2024 Insp.75H:1VIl factor: Cat Hand TION action: 50 feetaction: $1,022.9$ LCscription:Compa -15% $6,100$ feet $2,900$ lbs/LCYSand and gravel - 1000 Skill: 0.000 Skill: 0.000	 Dection lengtl book Y/hr cted fill or en Dry 750	h est ~ 742.23 L x 10' mbankment 0.9 <u>Source</u> (AVG.))	

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:	0.793	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.5196	
Adjusted unit production: 5	31.50 LCY/hr	
Adjusted fleet production: 5	31.5 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$0.413/LCY

Total job time:	1.53 Hours
Total job cost:	\$337

BULLDOZER WORK

Task description:	Grade	Out Rejec	t Stockpile				
Ted Franciscotti P	it #1	Pern	nit Action:	TR2		Permit/Job#:	M2007006
PROJECT IDENT	IFICATIO	N					
Task #: 003		State:	Colorado			Abbreviation:	None
Date: $6/5/2025$		County:	Huerfano			Filename:	M006-003
User: AMG	,	county.	Indentatio			- I menanne.	11000 005
Agency or or	ganization na	ume: DR	MS				
HOURLY EQUIPM	- MENT COS	<u></u>					
	Cat D7R DS		ſŢ				
	240	AIX BUILES I	.1				
	Semi-Univers	al					
• • •	3-shank rippe						
	l per day			_			
	(CRG)						
	,						
Cost Breakdown:				T 14:12	zation %		
Ownership Cost/Hou	**		\$90.24	<u>0111</u>	NA		
Operating Cost/Hou			\$78.95		100		
Ripper own. Cost/Hou			\$9.25		NA		
			\$2.60		50		
Rinner on Cost/Hou	-		\$38.59		NA		
Ripper op. Cost/Hou Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour:	\$219.63		<i>\$20.07</i>				
Operator Cost/Hou	\$219.63		\$50057				
Operator Cost/Hou Total unit Cost/Hour:	\$219.63 \$219.63		450105				
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: <u>MATERIAL QUA</u>	\$219.63 \$219.63		400.05				
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: <u>MATERIAL QUA</u> Initial Volume: <u>5</u> ;	\$219.63 \$219.63 NTITIES						
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: <u>MATERIAL QUA</u> Initial Volume: <u>5</u> Swell factor: <u>1</u>	\$219.63 \$219.63 NTITIES 875						
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUA Initial Volume: 5. Swell factor: 1. Loose volume: 6.	\$219.63 \$219.63 NTITIES 875 060 228 LCY				compand act (·' H ava	
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: 5, Swell factor: 1, Loose volume: 6, Source of estimated vo	\$219.63 \$219.63 NTITIES 875 060 228 LCY olume:	Inspection	 n Estimate us	sing GE ima	gery and est t	;' H avg.	
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUA Initial Volume: <u>5</u> , Swell factor: <u>1</u> , Loose volume: <u>6</u> ,	\$219.63 \$219.63 NTITIES 875 060 228 LCY olume:		 n Estimate us	sing GE ima	gery and est t	5' H avg.	
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: 5, Swell factor: 1, Loose volume: 6, Source of estimated vo	\$219.63 \$219.63 \$219.63 NTITIES 875 060 228 LCY olume: vell factor:	Inspection	 n Estimate us	sing GE ima	gery and est t	5' H avg	
Operator Cost/Hour Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> , Swell factor: <u>1</u> , Loose volume: <u>6</u> , Source of estimated vo Source of estimated sw HOURLY PRODU	\$219.63 \$219.63 \$219.63 NTITIES 875 060 228 LCY plume: vell factor: CTION	Inspectior Cat Handl	 n Estimate us	sing GE ima	gery and est t	5' H avg.	
Operator Cost/Hour Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> ; Swell factor: <u>1</u> . Loose volume: <u>6</u> ; Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance	\$219.63 \$219.63 \$219.63 NTITIES 875 060 228 LCY blume: vell factor: CTION :3	Inspectior Cat Handl	n Estimate us book	sing GE ima	gery and est f	[;] ' H avg.	
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Operator Cost/Hour Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> ; Swell factor: <u>1</u> . Loose volume: <u>6</u> ; Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance	\$219.63 \$219.63 \$219.63 \$219.63 \$875 060 228 LCY olume: vell factor: CTION : 3 duction: 3	Inspectior Cat Handl 00 feet 11.1 LCY/	n Estimate us book			5' H avg.	
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> , Swell factor: <u>1</u> , Loose volume: <u>6</u> , Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency	\$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$875 060 228 LCY olume: vell factor: CTION : 3 duction: 3 description:	Inspectior Cat Handl 00 feet 11.1 LCY/	 book hr			5' H avg.	
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: <u>MATERIAL QUA</u> Initial Volume: <u>5</u> . Swell factor: <u>1</u> . Loose volume: <u>6</u> . Source of estimated vo Source of estimated sw <u>HOURLY PRODU</u> Average push distance Unadjusted hourly pro	\$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$875 060 228 LCY olume: vell factor: CTION : 3 duction: 3 description:	Inspection Cat Handl 00 feet 11.1 LCY/I Compac	 book hr			5' H avg	
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> , Swell factor: <u>1</u> , Loose volume: <u>6</u> , Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradient	<u>\$219.63</u> \$219.63 \$219.63 NTITIES 875 060 228 LCY well factor: CTION :3 duction:3 description: :5 %	Inspectior Cat Handl 00 feet 11.1 LCY/ Compace set	 book hr			;' H avg	
Operator Cost/Hour Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> . Swell factor: <u>1</u> . Loose volume: <u>6</u> . Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradient Average site altitude:	$ \begin{array}{r} & & & \\ & & & \\ \hline \hline & & & \\ \hline \hline \\ \hline & & & \\ \hline \hline \\ \hline \hline & & & \\ \hline \hline \\ \hline \hline \\ \hline \hline \hline \\ \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \hline \\ \hline \hline \hline \hline \hline \hline \\ \hline \hline$	Inspectior Cat Handl 00 feet 11.1 LCY/ Compace set	hr 			<u>'' H</u> avg.	
Operator Cost/Hour Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> . Swell factor: <u>1</u> . Loose volume: <u>6</u> . Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradient Average site altitude: Material weight: Weight description:	$ \begin{array}{r} & \underbrace{\$219.63}{\$219.63} \\ \hline \$219.63} \\ \hline \$75} \\ \hline \$755 \\ \hline $7555 \hline \hline $75555 \hline \hline $755555 \hline \hline $75555 \hline \hline $75555 \hline \hline $755555 \hline \hline $7555555 \hline \hline $755555 \hline \hline $7555555555 \hline \hline 75555555555	Inspectior Cat Handl 00 feet 11.1 LCY/ Compace set	hr 		0.9	5' H avg	
Operator Cost/Hour Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> . Swell factor: <u>1</u> . Loose volume: <u>6</u> . Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradient Average site altitude: Material weight: Weight description: Job Condition Correct	$ \begin{array}{r} & \underbrace{\$219.63}{\$219.63} \\ \hline \$219.63} \\ \hline \$75} \\ \hline $75 \hline \hline $75 \\ \hline $75 \hline \hline $75 \\ \hline $75 \hline $75 \hline \hline $75 \hline \hline $75 \hline $75 \hline \hline $75 \hline $75 \hline \hline $75 \hline$	Inspectior Cat Handl 00 feet 11.1 LCY/ Compace eet os/LCY d gravel - I	hr 		0.9 <u>Source</u>	5' H avg.	
Operator Cost/Hour Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> . Swell factor: <u>1</u> . Loose volume: <u>6</u> . Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradient Average site altitude: Material weight: Weight description: Job Condition Correct	$ \begin{array}{r} & \underbrace{\$219.63} \\ & \underbrace{\$219.63} \\ \hline \\ \$219.63} \\ \hline \\ \$219.63 \\ \hline \\ \$219.63 \\ \hline \\ \hline \\ \$75 \\ \hline \\ $	Inspectior Cat Handl 00 feet 11.1 LCY/ Compace set ss/LCY d gravel - I 0.7	hr cted fill or en Dry		0.9	5' H avg	
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> , Swell factor: <u>1</u> , Loose volume: <u>6</u> , Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradient Average site altitude: Material weight: Weight description: Job Condition Correct Operat	\$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$875 060 228 LCY olume: vell factor: CTION : 3 duction: 3 description: : -5 % 6,100 fe 2,900 lb Sand an ion Factor or Skill:	Inspection Cat Handl 00 feet 11.1 LCY/I Compac set os/LCY d gravel - I 0.7 0.9	hr cted fill or en Dry 750		0.9 <u>Source</u> (AVG.)	5' H avg	
Operator Cost/Hou Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: <u>5</u> , Swell factor: <u>1</u> , Loose volume: <u>6</u> , Source of estimated vo Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradient Average site altitude: Material weight: Weight description: Job Condition Correct Operat Material cons Dozing	\$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$219.63 \$875 060 228 LCY olume: vell factor: CTION : 3 duction: 3 description: : -5 % 6,100 fe 2,900 lb Sand an ion Factor or Skill:	Inspection Cat Handl 00 feet 11.1 LCY/I Compace set os/LCY d gravel - I 0.7 0.9	hr Cted fill or en Dry 750 900		0.9 <u>Source</u> (AVG.) (CAT HB))	5' H avg.	

Spoil pi	le:	0.900	(SSD-FC)
Push gradie	nt:	1.115	(CAT HB)
Altitud	de:	1.000	(CAT HB)
Material Weight:		0.793	(CAT HB)
Blade typ	pe:	1.000	(PAT)
Net correction	on:	0.4904	
Adjusted unit production:	15	2.56 LCY/hr	
Adjusted fleet production:	15	52.56 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$1.440/LCY

Total job time:	40.82 Hours
Total job cost:	\$8,965

SCRAPER TEAM WORK

Site: Ted Franciscotti	Pit #1	Permit Action	: <u>TR2</u>	Perm	it/Job#: <u>M200</u>	7006
PROJECT IDEN	TIFICATION					
Task #: 004	Stat	e: Colorad	n	Abbrev	iation: None	
Date: $6/6/20$					name: M006-	004
User: AMG		. <u></u>			<u></u>	
Agency or	organization name:	DRMS				
HOURLY EQUI	PMENT		COST	Shift basis: <u>1 per da</u>	Y	
			nent Description			
	-Scra		27G			
Supp	Dc- Drt Equipment -Load A	ozer: NA				
Suppo	Dump A-Dump					
Road Ma	aintenance – Motor Gra					
	-Water Tr	uck: NA				
~ ~	~	_	~			- ·
<u>Cost Breakdown</u> :	Scraper Work	Team Dozer	Support Equ Load Area	Dump Area	Maintenance Motor Grader	Equipment Water Tru
	Scraper	Dozei	Loau Area	Dunip Area	Wotor Grader	water m
%Utilization-machine:	100	NA	NA	NA	NA	
Ownership cost/hour:	\$217.39	NA	NA	NA	NA	
Operating cost/hour:	\$257.76	NA	NA	NA	NA	
%Utilization-ripper:	NA	NA	NA	NA	NA	
Ripper own. cost/hour:	NA	NA	NA	NA	NA	
Ripper op. cost/hour:	NA	NA	NA	NA	NA	
Operator cost/hour:	\$30.90	NA	NA	NA	NA	
Unit Subtotals:	\$506.05	NA	NA	NA	NA	
Number of Units:	2	0	0	0	0	
Group Subtotals:	Work:	\$1,012.10	Support:	\$0.00	Maint:	\$0.00
Total work team cos	t/hour: \$1,012.10					
MATERIAL QU	ANTITIES					
Initial volume:	37,107	CCY	Swell fa	ctor: <u>1.215</u>		
Loose volume:	45,085	LCY				
Sou	arce of estimated volur	ne: 6" over	· 46 acres at any o	one time		
Source	of estimated swell fact		ndbook			
HOURLY PROD	UCTION					
			Scraper 1	Bowl (volume) Basis	<u>;;</u>	
Material weight:	1,600 lbs/LCY		Struck	k Volume: 15.70	L	CY
Material description:	Top Soil		Heaped	d Volume: 22.00		CY
Rated Payload: Payload Capacity:	52,800 pounds 33.00 LCY			e Volume: <u>18.85</u> Capacity: 18.85		CY CY

<u>0.70</u> Minutes

<u>0.60</u> Minutes

Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 6100 feet

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

Travel Time:

Road Condition: Hard, smooth, stabilized, surfaced, watered, maintained 2.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	300.00	2.00	2.00	4.00	2665	0.28

Haul Time: **0.28** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	300.00	-2.00	2.00	0.00	2921	0.19
				Return Time:	0.19	minutes
			Total Scrape	er team cycle time:	1.77	minutes
			Adjusted	for job conditions:	530.36	LCY/Hour
			Selected N	umber of Scrapers:	2	Scraper(s)
	Adjuste	d single scra	per team (unit)	hourly production:	1,060.71	LCY/Hour
	Adjusted n	nultiple scrap	per team (fleet)	hourly production:	1,060.71	LCY/Hour
Optima	Unadjusted unit pro al Number of Scrapers pe			_ LCY/Hour		
JOB TI	IME AND COST					
Fleet	t size: 1	Team(s)	7	Fotal job time:	42.50	Hours

Unit cost: _____\$0.954 /LCY

Total job cost: ______\$43,018

REVEGETATION WORK

: <u>Ted Fra</u>	nciscotti Pit #1	Permit Action:	TR2	Permit/Job#:	M2007006
PROJECT	IDENTIFIC	ATION			
Task #: Date: User:	6/5/2025	State: Colorado County: Huerfano			one 006-005
Ag	gency or organiz	ation name: DRMS			

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.61
Weed control spraying (MEANS 31 31 16.13 3100)	\$338.80
Total Tilling Cost/Acre	\$456.41

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Hachita	0.90	14.69	\$25.78
Indiangrass - Cheyenne	0.60	1.83	\$7.38
Little Bluestem - Native	0.40	2.39	\$6.16
Sideoats Grama - El Reno	1.00	3.28	\$24.42
Galleta	0.20	0.73	\$11.09
Western Wheatgrass - Native	4.80	12.12	\$43.23
Needlegrass, Green - Lodorm	0.50	2.08	\$4.32
Winter Fat	0.50	1.27	\$23.36
Totals Seed Mix	8.90	38.39	\$145.75

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$236.64
Total Seed Application Cost/Acre	\$236.64

MULCHING and MISCELLANEOUS

|--|

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
Total Mulch Materials Cost/Acre				\$985.56

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$85.37
Power mulcher (MEANS 32 91 13.16 0350)		\$157.25
	Total Mulch Application Cost/Acre	\$242.63

No. of Acres Estimated Failure Rate *Selected Replanting Work Items	: 40%	Cost /Acre: \$2,066.99 Cost /Acre*: \$382.39
Initial Job Cost: \$95,081.54 Reseeding Job Cost: \$7,035.98 Total Job Cost: \$102,118 Job Hours: 46.00		

Page 1 of 1

REVEGETATION WORK

1	ask descrip	tion:	Re-seed 46 acres			
Site:	Ted Fran	ciscotti Pit #1	Permit Action:	TR2	Permit/Jol	o#: <u>M2007006</u>
P	ROJECT I	DENTIFIC	ATION			
	Task #: _ Date: _ User: _	005B 6/6/2025 AMG	State: Colorado County: Huerfano		Abbreviation: Filename:	None M006-005b
	Age	ncy or organiz	ation name:DRMS			
Т	ILLING					

Description		Cost /Acre
Weed control spraying (MEANS 31 31 16.13 3100)		\$338.80
	Total Tilling Cost/Acre	\$338.80

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Hachita	0.90	14.69	\$25.78
Indiangrass - Cheyenne	0.60	1.83	\$7.38
Little Bluestem - Native	0.40	2.39	\$6.16
Sideoats Grama - El Reno	1.00	3.28	\$24.42
Galleta	0.20	0.73	\$11.09
Western Wheatgrass - Native	4.80	12.12	\$43.23
Needlegrass, Green - Lodorm	0.50	2.08	\$4.32
Winter Fat	0.50	1.27	\$23.36
Totals Seed Mix	8.90	38.39	\$145.75

Application

Description		Cost /Acre
Drill Seeding (DRMS Survey Cost)		\$236.64
1	Fotal Seed Application Cost/Acre	\$236.64

No. of Acres:	46	Cost /Acre:	\$721.19
Estimated Failure Rate:	20%	Cost /Acre*:	\$0.00
*Selected Replanting Work Items:	NONE		
Initial Job Cost: \$33,174.74			

minual JOU COSt.	\$JJ,1/T./T
Reseeding Job Cost:	\$0.00
Total Job Cost:	\$33,175
Job Hours:	46.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

	ion: <u>Mo</u>	bilization/Demob	mzation				;
: <u>Ted Franc</u> i	iscotti Pit #1	Permit	Action: <u>TR2</u>		1	Permit/Job#: <u>M</u>	2007006
PROJECT II	DENTIFICATI	<u>ON</u>					
Task #:	006	State: Co	lorado		Abbre	eviation: None	
	6/5/2025 AMG	County: Hu	erfano		Fi	ilename: 6	
Agen	cy or organization	n name: DRMS					
EQUIPMEN	T TRANSPOR	<u>T RIG COST</u>					
					Shift ba	sis: 1 per da	У
					Cost Data Sour	rce: CRG Da	ta
	ruck Tractor Desc Truck Trailer Desc	-	ENERIC FOLD	400 HF DING GOO	(2ND HALF,	ROP DECK EQU	
			-	INAILER	(251, 501, AI	ND 1001)	
0 (D 11							
Cost Breakdow	<u>'n:</u>						
Available Ri	g Capacities	0-25 Tons	26-50 Tons	51	+ Tons		
Available Rig	g Capacities ship Cost/Hour:	\$10.44	\$22.18	\$	23.94		
Available Rig Owners Opera	g Capacities ship Cost/Hour: ting Cost/Hour:	\$10.44 \$26.48	\$22.18 \$54.55	\$	23.94 55.65		
Available Rig Owners Opera Oper	g Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour:	\$10.44 \$26.48 \$22.52	\$22.18 \$54.55 \$22.52	\$ \$ \$	23.94 55.65 22.52		
Available Ri Owners Opera Oper He	g Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour:	\$10.44 \$26.48 \$22.52 \$0.00	\$22.18 \$54.55 \$22.52 \$23.53	\$ \$ \$ \$	23.94 55.65 22.52 23.53		
Available Ri Owners Opera Oper He	g Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour:	\$10.44 \$26.48 \$22.52	\$22.18 \$54.55 \$22.52	\$ \$ \$ \$	23.94 55.65 22.52		
Available Rig Owners Opera Oper He Total U	g Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour:	\$10.44 \$26.48 \$22.52 \$0.00 \$59.44	\$22.18 \$54.55 \$22.52 \$23.53	\$ \$ \$ \$	23.94 55.65 22.52 23.53		
Available Rig Owners Opera Oper He Total U	g Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour:	\$10.44 \$26.48 \$22.52 \$0.00 \$59.44	\$22.18 \$54.55 \$22.52 \$23.53	\$ \$ \$ \$	23.94 55.65 22.52 23.53	Return Trip	DOT Permit
Available Rig Owners Opera Oper He Total U	g Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPN	\$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT:	\$22.18 \$54.55 \$22.52 \$23.53 \$122.78	\$ \$ \$ \$ \$ \$	23.94 55.65 22.52 23.53 125.64	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Available Rig Owners Opera Oper He Total U NON ROAD Machine Description	g Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPM Weight/ Unit (TONS)	\$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit	\$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	23.94 55.65 22.52 23.53 125.64 Haul Trip Cost/hr/ fleet	Cost/hr/ fleet	Cost/ fleet
Available Rig Owners Opera Oper He Total U NON ROAD Machine Description Cat D7R DS X Series II	g Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPM Weight/ Unit (TONS) R 35.93	\$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit \$99.49	\$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t \$122.78	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	23.94 55.65 22.52 23.53 125.64 Haul Trip Cost/hr/ fleet \$222.27	Cost/hr/ fleet \$122.78	
Available Rig Owners Opera Oper He Total U NON ROAD Machine Description Cat D7R DS X	g Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPM Weight/ Unit (TONS) R 35.93	\$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit	\$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t	S S S Fleet Size	23.94 55.65 22.52 23.53 125.64 Haul Trip Cost/hr/ fleet	Cost/hr/ fleet	Cost/ fleet
Available Rig Owners Opera Oper He Total U NON ROAD Machine Description Cat D7R DS X Series II Drill/Broadcast Seeder with	g Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPN Weight/ Unit (TONS) R 35.93 t 25.00 r 6.00	\$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit \$99.49	\$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t \$122.78	\$ \$ <td>23.94 55.65 22.52 23.53 125.64 Haul Trip Cost/hr/ fleet \$222.27</td> <td>Cost/hr/ fleet \$122.78</td> <td>Cost/ fleet \$250.00</td>	23.94 55.65 22.52 23.53 125.64 Haul Trip Cost/hr/ fleet \$222.27	Cost/hr/ fleet \$122.78	Cost/ fleet \$250.00

 Subtotals:
 \$850.01
 \$423.88
 \$1,250.00

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.	\$119.71	1	\$119.71	\$119.71
		Subtotals:	\$119.71	\$119.71

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	PUEBLO 43.00 55.00	miles mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$7,313.93	mpn
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig: _	\$187.18	

Transportation Cycle Time:

	Non- Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.78	0.78
Return Time (Hours):	0.78	0.78
Loading Time (Hours):	0.83	NA
Unloading Time (Hours):	0.83	NA
Subtotals:	3.22	1.56

JOB TIME AND COST

Total job time: **6.45** Hours

Total job cost: **\$7,501**