COST SUMMARY WORK

Та	isk descrip	tion:	2024 Cost Estim	ate					
Site:	CLG Far	ms, LLC	Pe	rmit Action:	2024 Bond Upd	late	Permit/Job	o#: <u>M2008060</u>	
<u>PR</u>	OJECT]	IDENTIFIC	CATION						
	Task #:	000	State:	Colorado		_	Abbreviation:	None	
	Date:	1/3/2025	County:	Washington	n		Filename:	M060-000	_
	User:	BEH							
<u>TA</u>	-	ency or organiz		RMS					
Task	Descrip	otion			Form Used	Fleet Size	Task Hours	Cost	
001	Replaci	ng Overburde	n		SCRAPER1	1	14.61	\$24,084	
002	Replaci	ng topsoil			SCRAPER1] 1	10.19	\$14,792	

		<u>SUBTO</u>	<u>TALS:</u>	43.21	\$52,004
005	Equipment Mob/Demob	MOBILIZE	1	5.20	\$6,625
004	Revegetation	REVEGE	1	12.00	\$6,253
003	Ripping Access Road	RIPPER] 1	1.21	\$250

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$1,050
Performance bond:	1.05	Total =	\$546
Job superintendent:	0.00	Total =	\$0
Profit:	10.00	Total =	\$5,200
		TOTAL O & P =	\$6,797
		CONTRACT AMOUNT (direct + $O \& P$) =	\$58,801

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$0	Total =	\$0
Engineering work and/or contract/bid preparation:	0.00	Total =	\$0
Reclamation management and/or administration:	5.00		\$2,940
		_	
CONTINGENCY:	0.00	Total =	\$0
	TOTAL IN	NDIRECT COST =	\$9,737
TOTAL BO	ND AMOUNT (d	irect + indirect) =	\$61,741

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SCRAPER TEAM WORK

Site: CLG Farms, LL	C	Permit	Action:	2024 Bond Upd	ate Perr	nit/Job#: <u>M200</u>	8060
PROJECT IDEN	TIFICATION						
Task #: 001	S	tate: (Colorado		Abbrev	viation: None	
Date: $\frac{-001}{1/3/20}$			Washingto	on		ename: M060-0	001
User: BEH		•					
Agency or	organization name:	DRM	S				
HOURLY EQUI	PMENT			COSTSI	nift basis: <u>1 per d</u>	ay	
			Eauipme	ent Description			
	-Se	craper:	Cat 631				
		Dozer:	NA				
Supp	ort Equipment -Load		NA				
Pood M	-Dump aintenance –Motor C		Cat D6 NA	I XL			
Koau M	-Water		NA				
Cost Breakdown:	Scraper Wor	k Team Doz	zer	Support Equir Load Area	Dump Area	Maintenance Motor Grader	Equipme: Water
%Utilization-machine:	100		NA	NA	100	NA	
Ownership cost/hour:	\$442.19		NA	NA	\$90.43	NA	
Operating cost/hour:	\$252.89		NA	NA	\$67.29	NA	
%Utilization-ripper:	NA		NA	NA	NA	NA	
Ripper own. cost/hour:	NA		NA	NA	\$0.00	NA	
Ripper op. cost/hour:	NA		NA	NA	\$0.00	NA	
Operator cost/hour:	\$30.90		NA	NA	\$38.59	NA	
Unit Subtotals:	\$725.98		NA	NA	\$196.31	NA	
Number of Units:	2		0	0	1	0	
Group Subtotals:	Work:	\$1,45	1.96	Support:	\$196.31	Maint:	\$0.
Total work team co MATERIAL QU Initial volume Loose volume	ANTITIES :19,360		CCY LCY	Swell fact	or: <u>1.000</u>		
	urce of estimated vol of estimated swell fa		Division Cat Hand	of Reclamation, N lbook	Mining & Safety		
HOURLY PROI	DUCTION			a -	1/ 1		
					owl (volume) Basi		
Material weight		0504 3			Volume: 24.00		CY
Material description:	 Decomposed rock 75% Earth 	: - 25% I	kock,	Heaped V	Volume: 34.00	L	CY
	1 J 70 Earth						
Rated Payload	: 81,600 pounds			Average V	Volume: 29.00	Τ	CY

Task # 001

<u>0.80</u> Minutes

0.70 Minutes

Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 4540 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: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	275.00	0.00	4.00	4.00	1667	0.33

Haul Time: **0.33** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	275.00	0.00	4.00	4.00	2744	0.35

Return Time:	0.35	minutes
Total Scraper team cycle time:	2.18	minutes
Adjusted for job conditions:	662.48	LCY/Hour
Selected Number of Scrapers:	2	Scraper(s)
Adjusted single scraper team (unit) hourly production:	1,324.95	LCY/Hour
Adjusted multiple scraper team (fleet) hourly production:	1,324.95	LCY/Hour
Unadjusted unit production/hour: 798 17 I CY/Hour		

Unadjusted unit production/hour: 798.17 LCY/Hour
Optimal Number of Scrapers per push dozer:

JOB TIME AND COST

Fleet size:	1	Team(s)	Total job time:	14.61	Hours
Unit cost:	\$1.244	_ /LCY	Total job cost:	\$24,084	

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SCRAPER TEAM WORK

Site: CLG Farms, LLC		Permit Ac	ion: _	2024 Bond Upd	ate Perr	nit/Job#: <u>M200</u>	8060
PROJECT IDENT	<u>'IFICATION</u>						
Task #: 002	S	tate: Colo	rado		Abbrev	viation: None	
Date: 1/3/202	5 Cou	nty: Was	ningtor	1	Fil	ename: M060-	002
User: <u>BEH</u>							
	rganization name:	DRMS					
HOURLY EQUIP	<u>MENT</u>			COSTSI	nift basis: <u>1 per d</u>	<u>ay</u>	
	S		ipmen t 6310	t Description			
		Dozer: N		1			
Suppor	t Equipment -Load	Area: N.	ł				
	-Dump						
Road Mai	ntenance –Motor C -Water						
	- water	Truck: IN	1				
Cost Breakdown:	Scraper Wor	k Team		Support Equip	oment	Maintenance	Equipme
	Scraper	Dozer		Load Area	Dump Area	Motor Grader	Water
%Utilization-machine:	100	1	JA	NA	NA	NA	
Ownership cost/hour:	\$442.19	1	ĮΑ	NA	NA	NA	
Operating cost/hour:	\$252.89	١	JA	NA	NA	NA	
%Utilization-ripper:	NA	1	JA	NA	NA	NA	
Ripper own. cost/hour:	NA	1	JA	NA	NA	NA	
Ripper op. cost/hour:	NA	1	JA	NA	NA	NA	
Operator cost/hour:	\$30.90	١	JA	NA	NA	NA	
Unit Subtotals:	\$725.98	1	JA	NA	NA	NA	
Number of Units:	2		0	0	0	0	
Group Subtotals:	Work:	\$1,451.96		Support:	\$0.00	Maint:	\$0
Total work team cost/	hour: \$1,451.96						
MATERIAL QUA	NTITIES						
Initial volume:	12,906	CC		Swell fact	or: <u>1.000</u>		
Loose volume:	12,906	LC	Y				
	ce of estimated voi f estimated swell f		ision o Handt		Mining & Safety		
HOURLY PRODU	JCTION						
				Scraper Bo	owl (volume) Basi	<u>s:</u>	
Material weight:	1,600 lbs/LCY				Volume: 24.00		CY
Material description:Top SoilRated Payload:81,600 pounds				Heaped Volume: 34.00 LCY Average Volume: 29.00 LCY			CI

<u>0.80</u> Minutes

<u>0.70</u> Minutes

Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 4540 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: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	275.00	10.00	4.00	14.00	431	0.64

Haul Time: **0.64** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	275.00	-10.00	4.00	-6.00	2920	0.14
				Return Time:	0.14	minutes
			Total Scrape	r team cycle time:	2.28	minutes
			Adjusted f	for job conditions:	633.42	LCY/Hour
			Selected Nu	mber of Scrapers:	2	Scraper(s)
	Adjusted	d single scrap	per team (unit) h	nourly production:	1,266.84	LCY/Hour
	Adjusted m	ultiple scrap	er team (fleet) h	nourly production:	1,266.84	LCY/Hour

Unadjusted unit production/hour: 763.16 LCY/Hour Optimal Number of Scrapers per push dozer:

JOB TIME AND COST

Fleet size:	1	Team(s)	Total job time:	10.19	Hours
Unit cost:	\$1.146	/LCY	Total job cost:	\$14,792	

BULLDOZER RIPPING WORK

	Task description:	Ripping Access R	oad					
Site	: _CLG Farms, I	LLC Perm	nit Action:	2024 Bond Up	date P	ermit/Job#	: <u>M2008</u>)60
	PROJECT IDI	ENTIFICATION						
	Task #: 003	State:	Colorado		Abb	reviation:	None	
	Date: 1/3 User: BE	<u>/2025</u> County: _ H	Washingtor	1		Filename:	M060-00)3
	Agency	or organization name: DR	MS					
	HOURLY EQ	UIPMENT COST						
	Basic I	Machine: Cat D6T XL			Horsepower:	_	185	
	Ripper Atta	achment: <u>3-Shank Ripper</u>		_	Shift Basis: Data Source:		per day CRG)	
	Cost Breakdown:							
				¢00.42	Utilization %			
		Ownership Cost/Hour: Operating Cost/Hour:		\$90.43 \$67.29	NA 100	_		
	Rippe	er Ownership Cost/Hour:		\$5.76	NA	-		
		er Operating Cost/Hour:		\$3.57	100	-		
	11	Operator Cost/Hour:		\$38.59	NA	_		
		Total Unit Cost/Hour:		\$205.64				
		Total Fleet Cost/Hour:	\$205	.64				
	<u>MATERIAL Q</u>	<u>UANTITIES</u>	Selec	cted estimating	method: Are	a		
	Alternate Method	<u>s:</u>						
Seismic:				NA	BCY		NA	
Area:	0.66	acres Rip D	Depth (ft):	1.00	Volume:	1,065		BCY or CCY
		Source of estimated quantity	CORMS	Estimate				
	HOURLY PRO	DUCTION						
	Seismic:							
		Seismic Veloc	ity:	NA	feet/sec	ond		
	Area:							
	<u>nicu.</u>	Average Ripping De	pth:	1.64	feet/pas	ss		
		Average Ripping Wi		6.58	feet/pas			
		Average Ripping Leng		100.00	feet/pas			
		Average Dozer Spe		88.00	feet/mi			
		Average Maneuver Ti		0.25	minutes	-		
		Production per unit a	rea:	0.654	acres/h	our		
	Job Condition Co							
	Un	adjusted Hourly Unit Production	ion:	0.654	Acres/h	nr		
		Site Altitu		4,540	feet			
		Altitude A		1.00	(CAT I			
		Job Efficier		0.83	(1 shift	-		
		Net Correcti	ion:	0.83	multipl	ler		
		Adjusted Hourly Unit I		0.54	Acres/hr			
		Adjusted Hourly Fleet I	Production:	0.54	Acres/hr			
	JOB TIME AN	<u>D COST</u>						
	Fleet size:	1 Grader(s)		Total job time	e:	1.22	Ho	ours
	Unit cost:	\$378.981 Per acre		Total job cos	t:	\$250		

REVEGETATION WORK

Task description: Reve		Revegetation					
Site:	CLG Far	ms, LLC	Per	rmit Action:	2024 Bond Update	Permit/Job	#: <u>M2008060</u>
PI	ROJECT	IDENTIFIC	CATION				
	Task #: Date: User:	004 1/3/2025 BEH	State: County:	Colorado Washingto	n	Abbreviation: Filename:	None M060-004
	Age	ncy or organi	zation name: DF	RMS			

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}	\$102.41
Total Tilling Cost/Acre	\$102.41

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Big Bluestem - Native	2.75	8.21	\$42.92
Buffalograss - Texoka	4.00	3.86	\$115.59
Blue Grama - Native	0.75	12.24	\$15.99
Little Bluestem - Native	1.75	10.45	\$26.94
Western Wheatgrass - Native	4.00	10.10	\$36.02
Needlegrass, Green - Lodorm	2.50	10.39	\$21.61
Totals Seed Mix	15.75	55.24	\$259.07

Application

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

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				\$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 1	Nursery Stoc	k Cost / Acre	\$ \$0.00

JOB TIME AND COST

No. of Acres:	8.66	Cost /Acre:	\$598.12
Estimated Failure Rate:	25%	Cost /Acre*:	\$495.71
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	\$5,179.72
Reseeding Job Cost:	\$1,073.21
Total Job Cost:	
Job Hours:	12.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task descr	ription:	Lqu	ipment Mob/Dei	1100				
CLG Fa	arms, LLC		Permit	Action: 2024	Bond Upda	ate I	Permit/Job#:	M2008060
PROJEC1	<u>r identifi</u>	CATIO	<u>ON</u>					
Task #:	005		State: Co	olorado		Abbre	eviation: Nor	ne
Date: User:			County: W	ashington		Fi	lename: M0	60-005
А	gency or orgar	nization	name: DRMS					
EQUIPM	ENT TRANS	SPORT	<u>r rig cost</u>					
					C	Shift ba Cost Data Sour		
	Truck Tracto	r Descri	iption: GENE	RIC ON-HIGH	WAY TRU	CK TRACTC	DR, 6X4, DIESI	EL POWERED,
	Truck Tructo		-					
						(2ND HALF,	,	
	Truck Traile		iption: G	ENERIC FOLD	ING GOO	SENECK, DR	ROP DECK EQ	UIPMENT
			iption: G		ING GOO		ROP DECK EQ	UIPMENT
² ost Breakc	Truck Traile		iption: G		ING GOO	SENECK, DR	ROP DECK EQ	UIPMENT
Cost Breako	Truck Traile <u>down:</u>	er Descri	·]	ING GOO TRAILER (SENECK, DR (25T, 50T, AN	ROP DECK EQ	UIPMENT
Available	Truck Traile down: Rig Capacitio	er Descri	0-25 Tons	7 26-50 Tons	ING GOO TRAILER (51+	SENECK, DR 25T, 50T, AN Tons	ROP DECK EQ	UIPMENT
Available Ow:	Truck Traile down: Rig Capacitie nership Cost/H	er Descri es Iour:	0-25 Tons \$10.44	7 26-50 Tons \$22.18	ING GOO TRAILER (51+ \$2	SENECK, DR 25T, 50T, AN Tons 3.94	ROP DECK EQ	UIPMENT
Available Ow Op	Truck Traile down: Rig Capacitie nership Cost/H perating Cost/H	er Descri es Iour: Iour:	0-25 Tons \$10.44 \$26.48	26-50 Tons \$22.18 \$54.55	ING GOO TRAILER (51+ \$2 \$5	SENECK, DR 25T, 50T, AN Tons 3.94 5.65	ROP DECK EQ	UIPMENT
Available Ow Op	Truck Traile down: Rig Capaciti nership Cost/H perating Cost/H operator Cost/H	er Descri es Iour: Iour: Iour:	0-25 Tons \$10.44 \$26.48 \$22.52	26-50 Tons \$22.18 \$54.55 \$22.52	ING GOO TRAILER (51+ \$2 \$5 \$2 \$2	SENECK, DR 25T, 50T, AN Tons 3.94 5.65 2.52	ROP DECK EQ	UIPMENT
Available Ow Op	Truck Traile down: Rig Capacitie nership Cost/H perating Cost/H perator Cost/H Helper Cost/H	er Descri es Iour: Iour: Iour: Iour: Iour:	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53	ING GOO TRAILER (51+ \$2 \$5 \$2 \$2 \$2 \$2	SENECK, DR (25T, 50T, AN Tons 3.94 5.65 2.52 3.53	ROP DECK EQ	UIPMENT
Available Ow Op	Truck Traile down: Rig Capaciti nership Cost/H perating Cost/H operator Cost/H	er Descri es Iour: Iour: Iour: Iour: Iour:	0-25 Tons \$10.44 \$26.48 \$22.52	26-50 Tons \$22.18 \$54.55 \$22.52	ING GOO TRAILER (51+ \$2 \$5 \$2 \$2 \$2 \$2	SENECK, DR 25T, 50T, AN Tons 3.94 5.65 2.52	ROP DECK EQ	UIPMENT
Available Ow Op O Tot	Truck Traile down: Rig Capacitie nership Cost/H perating Cost/H perator Cost/H Helper Cost/H	er Descri es lour: lour: lour: lour: lour: lour:	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53	ING GOO TRAILER (51+ \$2 \$5 \$2 \$2 \$2 \$2	SENECK, DR (25T, 50T, AN Tons 3.94 5.65 2.52 3.53	ROP DECK EQ	UIPMENT
Available Ow Op O Tot NON ROA	Truck Traile down: Rig Capacitie nership Cost/H perator Cost/H Helper Cost/H tal Unit Cost/H ADABLE E(er Descri lour: lour: lour: lour: lour: lour: lour:	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 IENT:	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78	ING GOO TRAILER (51+ \$2 \$5 \$2 \$2 \$12	SENECK, DR (25T, 50T, AN 3.94 5.65 2.52 3.53 25.64	ROP DECK EQ	UIPMENT
Available Ow Op O Tot NON ROA Machine	Truck Traile down: Rig Capaciti nership Cost/H perator Cost/H Helper Cost/H tal Unit Cost/H ADABLE EQ We	er Descri es lour: lour: lour: lour: lour: DUIPM ight/	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 IENT: Owner ship	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig	ING GOO TRAILER (51+ \$2 \$5 \$2 \$2 \$12 Fleet	SENECK, DR (25T, 50T, AN (25T,	OP DECK EQ	DOT Permit
Available Ow Op O Tot NON ROA	Truck Traile down: Rig Capacitie nership Cost/H perator Cost/H perator Cost/H tal Unit Cost/H tal Unit Cost/H ADABLE EQ We on We	er Descri es lour: lour: lour: lour: lour: DUIPM ight/ it	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 IENT:	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni	ING GOO TRAILER (51+ \$2 \$5 \$2 \$2 \$12	SENECK, DR (25T, 50T, AN (25T,	OP DECK EQ ND 100T) Return Trip	DOT Permit
Available Ow Op O Tot NON ROA Machine Descriptio	Truck Traile down: Rig Capacitie nership Cost/H perating Cost/H perator Cost/H Helper Cost/H tal Unit Cost/H ADABLE EC We on We	er Descri es Iour: Iour: Iour: Iour: JUIPM ight/ it DNS)	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 IENT: Owner ship Cost/hr/ unit	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t	ING GOO TRAILER (51+ \$2 \$5 \$2 \$2 \$12 Fleet Size	SENECK, DR (25T, 50T, AN (25T,	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Available Ow Op O Tot NON ROA Machine	Truck Traile down: Rig Capacitie nership Cost/H perating Cost/H perator Cost/H Helper Cost/H tal Unit Cost/H ADABLE EQ Me on Uni (TC) 52.5	er Descri es Hour: H	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 IENT: Owner ship	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni	ING GOO TRAILER (51+ \$2 \$5 \$2 \$2 \$12 Fleet	SENECK, DR (25T, 50T, AN (25T,	OP DECK EQ ND 100T) Return Trip	DOT Permit

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
		Subtotals:	\$0.00	\$0.00

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	FORT MORGAN 40.00 50.00	miles mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$6,625.06	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig: _	\$0.00	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.80	0.80
Return Time (Hours):	0.80	0.80
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.60	1.60

JOB TIME AND COST

Total job time: **5.20** Hours

Total job cost: ______\$6,625