

June 8, 2022

Michael D. Krauth KrauthCo Inc 800 Garden Park Road Cañon City, CO 81212

Re: J&J Stone Pit #1 - File No. M-2011-004 KrauthCo Inc

Amendment Application (AM-2)

Dear Michael D. Krauth:

On June 7, 2022 the Division of Reclamation, Mining and Safety concluded its review of the Amendment application submitted to the Division on March 17, 2022, addressing the following:

This amendment will add 7.36 acres to the permit area. This area is a topsoil stockpile and access road area. It is not an area that will be affected by material extraction.

The decision reached by the Division is: approve. An updated detailed bond estimate is enclosed.

The terms of Amendment No. 2 approved by the Division are hereby incorporated into Permit No. M-2011-004. All other conditions and requirements of Permit No. M-2011-004 remain in full force and effect.

The revised liability amount exceeds the financial warranty currently held (see below), please submit additional bond or a rider to your existing bond that equals or exceeds the Revised Liability. The revision will not be final until the bond is approved by the Division.

\$26,870.00
\$26,870.00
\$11,068.00
\$37,938.00
115.00
7.36
122.36
91.10



Change in Affected Acreage:	7.36
Revised Affected Acreage:	98.46

If you have any questions, please contact me by telephone at (303) 866-3567 x 8169, or by email at Tim.cazier@state.co.us.

Sincerely,

Timothy A. Cazier, P.E.

Environmental Protection Specialist

Enclosure: Bond estimate

cc: Angela Bellantoni, Ph.D., EAI

Sara Stevenson-Benn, DRMS

COST SUMMARY WORK

: <u>J</u> &	&J Stone Pit #1	Permit Action:	AM-02		Permit/Job	#: <u>M2011004</u>
PRO	JECT IDENTIFICATION	<u>ON</u>				
Т	ask #: 000	State: Colorado			Abbreviation:	None
	Date: 6/7/2022	County: Fremont			Filename:	M004-000
	User: TC1			 ;	-	
	Agency or organization	name: DRMS				
ΓASI	K LIST (DIRECT COST	<u> </u>				
			Form	Fleet	Task	
K	Description		Used	Size	Hours	Cost
	Grade staging and processin	g areas	GRADER	1	7.70	\$921
	Spread 7 inches of topsoil or	n 7 Ac	DOZER	1	37.06	\$9,692
	Final grading on 10 acres		GRADER	1	7.70	\$872
	REVEGE 2 ACARES		REVEGE	1	12.00	\$15,547
	Mob/Demob		MOBILIZE	1	1.80	\$1,570
			SUBTO	OTALS:	66.26	\$28,602
	RECT COSTS					
OVE	RHEAD AND PROFIT:					
	-	2.02				578
		1.05				800
	*	33.13				2,386
	Profit:	10.00		mom		2,860
		CONTR				5,125
		CONTI	RACT AMOUNT	(airect +	(O & P) = 53	34,727
LEGA	AL - ENGINEERING - PRO	JECT MANAGEMENT:				
	Financial warranty processing	g (legal/related costs):	\$0		Total = \$0)
]		ntract/bid preparation:	4.25	_	Total = \$1	,476
]						,736
]	Reclamation management		5.00	_		.,730
]			0.00	_	Total = \$0	
]		and/or administration:		NDIRFC	Total = \$0	

TOTAL BOND AMOUNT (direct + indirect) = \$37,939

MOTOR GRADER WORK

Task description:	Grade staging and process	sing areas		
e: J&J Stone Pit #1	Permit Action	n: <u>AM-02</u>	Pe	ermit/Job#: <u>M2011004</u>
PROJECT IDENTIF	<u>ICATION</u>			
Task #: 001	State: Colorad	0	Abbrev	iation: None
Date: 6/7/2022	County: Fremont	t	File	ename: yes
User: TC1				
Agency or orga	nization name: DRMS			
HOURLY EQUIPME	ENT COST			
Basic Machin	e: CAT 12M		Horsepower:	158
Ripper Attachmen	nt: Multi-Shank Ripper		Shift Basis:	1 per day
			Data Source:	(CRG)
Cost Breakdown:				
_	~ ~~		Utilization %	
	ership Cost/Hour:	\$47.01	NA 100	
-	rating Cost/Hour:ership Cost/Hour:	\$37.67 \$2.95	100 NA	
	rating Cost/Hour:	\$3.40	100	
	erator Cost/Hour:	\$28.56	NA	
-	Unit Cost/Hour:	\$119.59		
Total	Fleet Cost/Hour: \$1	19.59		
Total	Tiect Cosyffour.	17.57		
MATERIAL QUANT	TTIES			
		0		
Total Area	to be graded or ripped: 10.00			acres
Sourc	e of estimated acreage: AM-	2 Revised Exhibi	t L (5/25/22)	
HOURLY PRODUCT	TION			
HOURET TRODUCT		1.50		
	Average Grader Speed: Selected Application:	1.50	mph grading (0-2.5 mph) 15
	Selected Blade Angle:	30	degrees) - 1.5
	Effective Blade Length:	10.40	feet	
Width	of blade overlap per pass:	2.00	feet	
	or ripping width per pass:	8.40	feet	
Unadjusted	Hourly Unit Production:	1.5273	acres/hour	•
Job Condition Correction	Factors	Si	te Altitude: 5630 fe	eet
	Source	ce		
Altitude Adj:	1.00 (CAT I			
Job Efficiency:	0.85 (1sh/d, n			
Net Correction:	0.8500 multipli	er		
A	djusted Hourly Unit Production	n: 1.2982	acres/Hour	
	djusted Hourly Fleet Production		acres/Hour	
JOB TIME AND COS	ST.			
	1 Grader(s)	Total job time	: 7.70	Hours
		, and the second		
Unit cost: \$92	2.12 per acre	Total job cost	: \$921	

BULLDOZER WORK

Permit/Job#: M2011004	Task description:	Spread 7 inches of topsoil of	n 7 Ac		
Task #: 002	e: J&J Stone Pit #1	Permit Action:	AM-02	Permit/Jol	b#: <u>M2011004</u>
Date: 67/2022 County: Fremont Filename: Yes	PROJECT IDENTIFI	<u>CATION</u>			
Date: 67/2022 County: Fremont Filename: Yes	Task #: 002	State: Colorado		Abbreviation:	None
User: TCI Agency or organization name: DRMS HOURLY EQUIPMENT COST Basic Machine: Cat D8T - 8SU Horsepower: 310 Blade Type: Semi-Universal Attachment: 3-shank ripper Shift Basis: 1 per day Data Source: (CRG) Cost Breakdown: Ownership Cost/Hour: \$97.46 NA Operating Cost/Hour: \$97.63 100 Ripper own. \$15.19 NA Cost/Hour: \$9.94 100 Operator Cost/Hour: \$9.94 100 Operator Cost/Hour: \$261.52 Total unit Cost/Hour: \$261.52 Total Fleet Cost/Hour: \$261.52 MATERIAL QUANTITIES Initial Volume: 9,411 Swell factor: 1.230 Loose volume: 1.7576 LCY Source of estimated volume: Source of estimated well factor: Total cost of estimated well factor: 1.70 feet Unadjusted hourly production: Partly consolidated stockpile 1.1 Average push 5 % gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY					
Basic Machine: Cat D8T - 8SU Horsepower: 3 10 Blade Type: Semi-Universal Attachment: 3-shank ripper Shift Basis: 1 per day Data Source: (CRG)	User: TC1	· ·			
Basic Machine: Cat D8T - 8SU 310 Semi-Universal Attachment: 3-shank ripper Shift Basis: 1 per day CCRG) Cost Breakdown: 1 per day Omership Cost/Hour: \$97.46 NA Operating Cost/Hour: \$97.63 100 Ripper own. Cost/Hour: \$97.63 100 Ripper own. Cost/Hour: \$9.94 100 Operator Cost/Hour: \$9.94 100 NA Total unit Cost/Hour: \$41.30 NA Total unit Cost/Hour: \$261.52 S261.52 S261.52 Swell factor: 1.230 Loose volume: 1.1576 LCY Tinches over 10 acres Cat Handbook Factor: Unadjusted hourly production: Partly consolidated stockpile 1.1 Average push distance: Unadjusted hourly production: Partly consolidated stockpile 1.1 Average push gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY Material weight: 2,100 lbs/LCY	Agency or organ	nization name: DRMS			
Horsepower: Semi-Universal Semi-Universal Attachment: 3-shank ripper Shift Basis: 1 per day (CRG) Ownership Cost/Hour: \$97.46 NA Operating Cost/Hour: \$97.63 100 Ripper own. Cost/Hour: \$99.40 100 Operator Cost/Hour: \$9.94 100 Operator Cost/Hour: \$9.94 100 Operator Cost/Hour: \$9.94 100 NA Operator Cost/Hour: \$9.94 100 Operator Cost/Hour: \$41.30 NA Operator Cost/Hou	HOURLY EQUIPME	NT COST			
Blade Type: 3-shank ripper 3-shank r	Basic Machine: Car	t D8T - 8SU			
Blade Type: 3-shank ripper 3-shank r			_		
Attachment: Shift Basis: 1 per day (CRG) Cost Breakdown: Ownership Cost/Hour: \$97.46 NA Operating Cost/Hour: \$97.63 100 Ripper own. Cost/Hour: \$99.63 100 Operator Cost/Hour: \$99.94 100 Operator Cost/Hour: \$41.30 NA Total unit Cost/Hour: \$261.52 Total Fleet Cost/Hour: \$261.52 MATERIAL OUANTITIES Initial Volume: 9.411 Swell factor: 11.230 Loose volume: 11.576 LCY Source of estimated volume: Source of estimated swell factor: HOURLY PRODUCTION Average push distance: 170 feet Unadjusted hourly production: Partly consolidated stockpile 1.1 Average push gradient: Average site altitude: 5.630 feet Materials weight: 2.100 lbs/LCY		mi-Universal	_		
Shift Basis:		hank ripper			
Cost Breakdown: Ownership Cost/Hour: \$97.46 NA Operating Cost/Hour: \$97.63 100 Ripper own. Cost/Hour: \$15.19 NA Ripper op. Cost/Hour: \$9.94 100 Operator Cost/Hour: \$41.30 NA Total unit Cost/Hour: \$261.52 Total Fleet Cost/Hour: \$261.52 MATERIAL QUANTITIES Initial Volume: 9,411 Swell factor: 1.230 Loose volume: 11,576 LCY Source of estimated volume: Source of estimated swell factor: Cat Handbook HOURLY PRODUCTION Average push distance: 170 feet Unadjusted hourly production: Materials consistency description: Partly consolidated stockpile 1.1 Average push 5 % gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY			_		
Ownership Cost/Hour: \$97.46 NA Operating Cost/Hour: \$97.63 100 Ripper own. Cost/Hour: \$15.19 NA Ripper op. Cost/Hour: \$9.94 100 Operator Cost/Hour: \$261.52 Total Fleet Cost/Hour: \$261.52 Total Fleet Cost/Hour: \$261.52 MATERIAL QUANTITIES Initial Volume: 9,411 Swell factor: 1.230 Loose volume: 11,576 LCY Source of estimated volume: Source of estimated swell factor: HOURLY PRODUCTION Average push distance: Unadjusted hourly production: Materials consistency description: Partly consolidated stockpile 1.1 Average push 5 % gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY	<u></u>		_		
Ownership Cost/Hour: \$97.63 100 Ripper own. Cost/Hour: \$97.63 100 Ripper own. S15.19 NA Ripper op. Cost/Hour: \$9.94 100 Operator Cost/Hour: \$41.30 NA Total unit Cost/Hour: \$261.52 Total Fleet Cost/Hour: \$261.52 MATERIAL QUANTITIES Initial Volume: 9.411 Swell factor: 1.230 Loose volume: 11,576 LCY Source of estimated volume: Source of estimated swell factor: HOURLY PRODUCTION Average push distance: Unadjusted hourly production: Materials consistency description: Partly consolidated stockpile 1.1 Average push gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY	Cost Breakdown:				
Operating Cost/Hour: Ripper own. Cost/Hour: Sipper op. Cost/Hour:					
Ripper own. Cost/Hour: \$15.19 NA Ripper op. Cost/Hour: \$9.94 100 Operator Cost/Hour: \$41.30 NA Total unit Cost/Hour: \$261.52 Total Fleet Cost/Hour: \$261.52 MATERIAL QUANTITIES Initial Volume: 9,411 Swell factor: 1.230 Loose volume: 11,576 LCY Source of estimated volume: Source of estimated swell factor: Cat Handbook HOURLY PRODUCTION Average push distance: Unadjusted hourly production: Materials consistency description: Partly consolidated stockpile 1.1 Average push 5 % gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY					
Ripper op. Cost/Hour: Ripper op. Cost/Hour: Operator Cost/Hour: Summer of the proper op. Cost/Hour: Summer of the prop		\$97.63	100		
Operator Cost/Hour: \$261.52 Total unit Cost/Hour: \$261.52 Total Fleet Cost/Hour: \$261.52 MATERIAL QUANTITIES Initial Volume: 9,411 Swell factor: 1.230 Loose volume: 11,576 LCY Source of estimated volume: Source of estimated swell factor: HOURLY PRODUCTION Average push distance: 170 feet Unadjusted hourly production: Materials consistency description: Partly consolidated stockpile 1.1 Average push 5 % gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY					
Total unit Cost/Hour: Total Fleet Cost/Hour: \$261.52 MATERIAL QUANTITIES Initial Volume: Swell factor: 1.230 Loose volume: 11,576 LCY Source of estimated volume: Source of estimated swell factor: HOURLY PRODUCTION Average push distance: Unadjusted hourly production: Materials consistency description: Average push gradient: Average site altitude: 5261.52 7 inches over 10 acres Cat Handbook 7 inches over 10 acres Cat Handbook Fartly consolidated stockpile 1.1	Ripper op. Cost/Hour:	\$9.94	100		
Total Fleet Cost/Hour: \$261.52 MATERIAL QUANTITIES Initial Volume: 9,411	Operator Cost/Hour:	\$41.30	NA		
Source of estimated swell factor: HOURLY PRODUCTION Average push distance: Unadjusted hourly production: Materials consistency description: Partly consolidated stockpile 1.1 Average push 5 % gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY	MATERIAL QUANT Initial Volume: 9,41 Swell factor: 1.23	1 60			
Average push distance: Unadjusted hourly production: Materials consistency description: Partly consolidated stockpile 1.1 Average push 5 % gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY	Source of estimated swe	-	S		
Unadjusted hourly production: Materials consistency description: Partly consolidated stockpile 1.1 Average push 5 % gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY	HOURLY PRODUCT	<u>'ION</u>			
Average push 5 % gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY	Unadjusted hourly				
gradient: Average site altitude: 5,630 feet Material weight: 2,100 lbs/LCY	Materials consistency de	escription: Partly consolidated	stockpile 1.1		
Material weight: 2,100 lbs/LCY		5 %			
		5,630 feet			
Weight description: Earth - Loam	Material weight:	2,100 lbs/LCY			
	Weight description:	Earth - Loam			

Job Condition Correction Factor		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.100	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.095	(CAT HB)
Blade type:	1.000	(PAT)
Not competing 0.5	417	,

Net correction: 0.5417

Adjusted unit production:

Adjusted fleet production:

312.34 LCY/hr

312.34 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.837/LCY

Total job time: 37.06 Hours
Total job cost: \$9,692

MOTOR GRADER WORK

Task description:	Final grading on 10 acres	S		
e: J&J Stone Pit #1	Permit Actio	on: <u>AM-02</u>	Pe	ermit/Job#: M2011004
PROJECT IDENTIF	<u>ICATION</u>			
Task #: 003	State: Colorac	do	Abbrev	iation: None
Date: 6/7/2022	County: Fremon	nt	File	ename: Yes
User: TC1				
Agency or orga	nization name: DRMS			
HOURLY EQUIPME	ENT COST			
Basic Machin	e: CAT 12M		Horsepower:	158
Ripper Attachmer	nt:		Shift Basis:	1 per day
			Data Source:	(CRG)
Cost Breakdown:				
			Utilization %	
	ership Cost/Hour:	\$47.01	NA 100	
	rating Cost/Hour:ership Cost/Hour:	\$37.67	100 NA	
* *	rating Cost/Hour:	\$0.00 \$0.00	NA	
	erator Cost/Hour:	\$28.56	NA	
•	l Unit Cost/Hour:	\$113.24		
Total	Fleet Cost/Hour: \$	113.24		
MATERIAL QUANT	<u> TITIES</u>			
Total Area	to be graded or ripped:10.0	00		acres
Source	e of estimated acreage: AM	-2 Revised Exhibi	it L	
HOURLY PRODUC	ΓΙΟΝ			
	Average Grader Speed:	1.50	mph	
	Selected Application:	Finish g	grading (0-2.5 mph)) - 1.5
	Selected Blade Angle:	30	degrees	
W 7: 14.	Effective Blade Length:	10.40 2.00	feet	
	of blade overlap per pass: or ripping width per pass:	8.40	feet feet	
	I Hourly Unit Production:	1.5273	acres/hour	
Job Condition Correction	<u> </u>		ite Altitude: <u>5630</u> fe	
	Sour			
Altitude Adj:	1.00 (CAT			
Job Efficiency:	0.85 (1sh/d,	mod.)		
Net Correction:	0.8500 multipl	ier		
A	djusted Hourly Unit Productio	n: 1.2982	acres/Hour	
	djusted Hourly Fleet Productio		acres/Hour	
	~			
JOB TIME AND CO				
Fleet size:	1 Grader(s)	Total job time	: 7.70	Hours
Unit cost: \$8	7.23 per acre	Total job cost	: \$872	

Application

Description

Drill Seeding (DRMS Survey Cost)

Cost /Acre

\$232.00

\$232.00

Total Seed Application Cost/Acre

REVEGETATION WORK

ask description:	REVEGE 2 ACARES	3				
J&J Stone Pit #1	Permit Action: AM-02 Permit/Job#:					: <u>M2011004</u>
ROJECT IDENTIF	<u>ICATION</u>					
Task #: 004	State: Col	lorado		Ab	breviation:	None
Date: 6/7/2022	County: Fre	emont		_		Yes
User: TC1						
Agency or orga	anization name: DRMS					
ERTILIZING						
aterials		TImita /				
Description		Units / Acre	Unit	Cos	st / Unit	Cost /Acre
Description		Acre				
				\$		\$
				To	tal Fertilizer	
				-	Materials	
					Cost/Acre	\$0.00
plication						
pheadon						
						Cost /Aoro
Description						Cost /Acre
						Cost /Acre
		Total	Fertilizer	Applicatio	on Cost/Acre	
		Total	Fertilizer	Applicatio	on Cost/Acre	\$
Description LLING		Total	Fertilizer	Applicatio	on Cost/Acre	\$
Description LLING Description	G}	Total	Fertilizer	Applicatio	on Cost/Acre	\$ \$0.00 Cost /Acre
Description LLING Description Chisel plowing {DMo	G} g (MEANS 31 31 16.13 31		Fertilizer	Application	on Cost/Acre	\$ \$0.00
Description LLING Description Chisel plowing {DMo			Fertilizer	Application	on Cost/Acre	\$ \$0.00 Cost /Acre \$96.50
Description LLING Description Chisel plowing {DMo					on Cost/Acre	\$0.00 Cost /Acre \$96.50 \$290.40
Description LLING Description Chisel plowing {DMo						\$ \$0.00 Cost /Acre \$96.50
Description LLING Description Chisel plowing {DMo						\$0.00 Cost /Acre \$96.50 \$290.40
Description LLING Description Chisel plowing {DMedicontrol spraying to the control spraying to the c				Γotal Tillin		\$0.00 Cost /Acre \$96.50 \$290.40
Description LLING Description Chisel plowing {DMcWeed control spraying} EEDING				Γotal Tillin Rate –		\$0.00 Cost /Acre \$96.50 \$290.40
Description LLING Description Chisel plowing {DMedicontrol spraying to the control spraying to the c				Γotal Tillin Rate – PLS	ng Cost/Acre Seeds per SQ.	\$0.00 Cost /Acre \$96.50 \$290.40 \$386.90
Description LLING Description Chisel plowing {DMcWeed control spraying} EEDING				Γotal Tillin Rate –	ng Cost/Acre	\$0.00 Cost /Acre \$96.50 \$290.40 \$386.90
Description LLING Description Chisel plowing {DMode weed control spraying} EEDING Seed Mix Blue Grama - Native	g (MEANS 31 31 16.13 31			Rate – PLS LBS / Acre 2.40	Seeds per SQ. FT	\$0.00 Cost /Acre \$96.50 \$290.40 \$386.90
Description LLING Description Chisel plowing {DMode of the plowing spraying states of the plowing states of the plowing spraying states of the plowing states of the plow	g (MEANS 31 31 16.13 31 attive			Rate – PLS LBS / Acre 2.40 2.50	Seeds per SQ. FT	\$0.00 Cost /Acre \$96.50 \$290.40 \$386.90 Cost /Acre \$32.94 \$16.25
Description LLING Description Chisel plowing {DMode of the plowing of the plowi	ng (MEANS 31 31 16.13 31 ative Reno			Rate – PLS LBS / Acre 2.40 2.50 4.50	Seeds per SQ. FT 39.17 8.09 14.77	\$0.00 Cost /Acre \$96.50 \$290.40 \$386.90 Cost /Acre \$32.94 \$16.25 \$37.69
Description LLING Description Chisel plowing {DMode of the plowing spraying states of the plowing states of the plowing spraying states of the plowing states of the plow	ng (MEANS 31 31 16.13 31 ative Reno			Rate – PLS LBS / Acre 2.40 2.50	Seeds per SQ. FT 39.17 8.09	\$0.00 Cost /Acre \$96.50 \$290.40 \$386.90 Cost /Acre \$32.94 \$16.25
Description LLING Description Chisel plowing {DMode of the plowing of the plowi	ng (MEANS 31 31 16.13 31 ative Reno			Rate – PLS LBS / Acre 2.40 2.50 4.50	Seeds per SQ. FT 39.17 8.09 14.77	\$0.00 Cost /Acre \$96.50 \$290.40 \$386.90 Cost /Acre \$32.94 \$16.25 \$37.69

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$307.02	\$614.04
Total Mulch Materials Cost/Acre				\$614.04

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$71.57
	Total Mulch Application Cost/Acre	\$71.57

NURSERY STOCK PLANTING

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

JOB TIME AND COST

 No. of Acres:
 10
 Cost /Acre:
 \$1,443.39

 Estimated Failure Rate:
 30%
 Cost /Acre*:
 \$370.88

*Selected Replanting Work Items: SEEDING

Initial Job Cost: \$14,433.90

Reseeding Job Cost: \$1,112.64

Total Job Cost: Job Hours: 12.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Mo	b/Demob			
e: J&J Stone Pit #1	Permit	t Action: AM-02	Permit/Jo	b#: <u>M2011004</u>
PROJECT IDENTIFICATI	<u>ON</u>			
Task #: 005	State: C	Colorado	Abbreviation:	None
Date: 6/7/2022 User: TC1	County: F	remont	Filename:	Yes
Agency or organization	n name: DRMS	S		
EQUIPMENT TRANSPOR	T RIG COST			
			Shift basis:	1 per day
			Cost Data Source:	CRG Data
Truck Tractor Desc	ription: GENI		AY TRUCK TRACTOR, 6X4, 400 HP (2ND HALF, 2006)	DIESEL POWERED,
Truck Trailer Desc	ription: C		G GOOSENECK, DROP DEC	CK EQUIPMENT
		TR	AILER (25T, 50T, AND 100T)
Cost Breakdown:				
Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons	
Ownership Cost/Hour:	\$21.28	\$37.94	\$47.67	
Operating Cost/Hour:	\$26.55	\$50.48	\$56.21	
Operator Cost/Hour:	\$20.54	\$20.54	\$20.54	
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53	

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$68.37

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/uni t	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D8T - 8SU	47.71	\$97.46	\$132.49	1	\$229.95	\$132.49	\$250.00
CAT 12M	16.01	\$47.01	\$68.37	1	\$115.38	\$68.37	\$250.00

\$147.95

\$132.49

Subtotals: \$345.33 \$200.86 \$500.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Drill/Broadcast Seeder with	\$16.28	1	\$16.28	\$16.28
Tractor				

Subtotals: \$16.28 \$16.28

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

CAÑON CITY

miles

5.00

mph

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):	0.25	NA	
Unloading Time (Hours):	0.25	NA	
Subtotals:	0.90	0.40	

JOB TIME AND COST

Total job cost: 1.80 Hours

Total job cost: \$1,570