

March 13, 2024

Matt Welte Summit Brick & Tile Co. P.O. Box 533 Pueblo, CO 81002-0533

#### Re: Stocks Clay Mine - File No. M-1977-324 Summit Brick & Tile Co. Surety Increase (SI-1) Surety Increase to \$122,553

Dear Matt Welte:

On March 13, 2024 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$122,553.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$84,053.00.

The Division ordered amendment of the current Financial Warranty, or submittal of a new Financial Warranty reflecting the increase, within 60 days from the date of this letter (March 13, 2024).

Please make arrangements with Sara M. Stevenson-Benn at the Division's Denver office for submittal of the financial warranty. Any other questions regarding completion, execution and/or submittal of financial warranty forms should also be directed to Sara M. Stevenson-Benn by telephone at (303) 866-3567 (8148), or by email at Sara.stevenson-benn@state.co.us.

The Permittee for this site may be scheduled for a Formal Board Hearing for possible revocation of the permit after May 12, 2024, if the amount of any increased Financial Warranty has not been provided.

Bond Held:	\$38,500.00
Prior Liability:	\$38,500.00
Change in Liability:	\$84,053.00
Revised Liability:	\$122,553.00
Prior Permit Acreage:	280.00
Change in Permit Acreage:	0.00

Physical Address: 1313 Sherman Street, Room 215, Denver, CO 80203 P 303.866.3567 F 303.832.8106 Mailing Address: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216 <u>https://drms.colorado.gov</u> Jared S. Polis, Governor | Dan Gibbs, Executive Director | Michael A. Cunningham, Director



Revised Permit Acreage:	280.00
Prior Affected Acreage:	18.00
Change in Affected Acreage:	0.00
Revised Affected Acreage:	18.00

If you have any questions, please contact me by telephone at (303) 866-3567 x 8176, or by email at Hunter.ridley@state.co.us.

Sincerely,

Hunter Ridley

Hunter C. Ridley Environmental Protection Specialist

cc: Julie A. Welte

M-GR-04

# COST SUMMARY WORK

Stocks C	lay Mine	Permit Action:	TR2	Permit/Jol	o#: <u>M1977324</u>
ROJECT	IDENTIFICA	TION			
Task #:	000	State: Colorado		Abbreviation:	None
Date:	3/4/2024	County: Fremont		Filename:	M324-000
User:	HR1				

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Backfill 121,000 CY	LOADER	1	305.17	\$49,230
002	Place 16,200 CY of Topsoil	DOZER	1	93.89	\$23,289
003	Reveg 30 acres	REVEGE	1	35.00	\$14,584
004	Weed Control	REVEGE	1	1.00	\$187
005	Mob/Demob Equipment	MOBILIZE	1	2.28	\$2,727
		SUBTO	DTALS:	437.34	\$90,017

## **INDIRECT COSTS**

### OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$1,818
Performance bond:	1.05	Total =	\$945
Job superintendent:	152.68	Total =	\$9,936
Profit:	10.00	Total =	\$9,002
		TOTAL O & P =	\$21,702
		CONTRACT AMOUNT (direct + O & P) = $($	\$111,719

#### 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 \$4,748 \$5,586
CONTINGENCY:	0.00	Total =	\$0
	TOTAL IN	NDIRECT COST =	\$32,536
TOTAL BO	OND AMOUNT (d	irect + indirect) =	\$122,553

## WHEEL LOADER - LOAD AND CARRY WORK

Stocks Clay Mine	Permit Action	n: <u>TR2</u>	Pe	rmit/Job#:	M1977324
ROJECT IDENTIFI	<u>CATION</u>				
Task #: 001	State: Colorad	do	Abbr	eviation:	None
Date: 3/4/2024	County: Fremor	nt	F	ilename:	001
User: HR1					
Agency or organ	ization name: DRMS				
IOURLY EQUIPME	NT COST				
Basic Machine:	CAT 980H	н	lorsepower:		315
	ROPS Cab		Shift Basis:		er day
	Korb Cab		ata Source:	•	CRG)
Cost Breakdown:				(	
		Utilization %			
Ownership Cost/H		NA			
Operating Cost/H		100			
Operator Cost/H		NA			
Total Unit Cost/H	Iour: \$161.32				
Total Fleet Cost/H	Hour: \$161.32				
<b>1ATERIAL OUANTI</b>	ITIES				
ATERIAL QUANTI			. 1.000		
Initial volume: 12	CCY	Swell factor	: 1.000		
Initial volume: Loose volume:	21,000 CCY 121,000 LCY	Swell factor	:		
Initial volume: Loose volume:	21,000 CCY 121,000 LCY	Evh I	:		
Initial volume: Loose volume: Source of	CCY 121,000 CCY LCY f estimated volume: TR2, J	Evh I			
Initial volume:12 Loose volume: Source of Source of esti	CCY     121,000   CCY     121,000   LCY     f estimated volume:   TR2, I     imated swell factor:   Cat Hat	Exh. L			
Initial volume: Loose volume: Source of	CCY     121,000   CCY     121,000   LCY     f estimated volume:   TR2, I     imated swell factor:   Cat Hat	Exh. L			
Initial volume:12 Loose volume: Source of Source of esti	CCY     121,000   CCY     121,000   LCY     f estimated volume:   TR2, I     imated swell factor:   Cat Hat	Exh. L andbook		0.550	minutes
Initial volume:12 Loose volume: Source of Source of esti HOURLY PRODUCT	E1,000     CCY       121,000     LCY       f estimated volume:     TR2, I       imated swell factor:     Cat Hat       TION     Unadjusted Basic Cycle Tin	Exh. L andbook	ıver):	0.550	minutes
Initial volume:12 Loose volume: Source of Source of esti	21,000     CCY       121,000     LCY       f estimated volume:     TR2, I       imated swell factor:     Cat Hain       'ION     Unadjusted Basic Cycle Times	Exh. L andbook me (load, dump, maneu	iver): Factor	0.550 (min.)	minutes Source
Initial volume: <u>12</u> Loose volume: <u>Source of</u> Source of esti IOURLY PRODUCT oader Cycle Time: Cycle Time Factor Material	CCY     121,000   CCY     121,000   LCY     f estimated volume:   TR2, 1     imated swell factor:   Cat Hat     TON   Unadjusted Basic Cycle Times     I:   Bank or broken material	Exh. L andbook me (load, dump, maneu 0.04	iver): Factor	0.550 (min.) 40	minutes Source (Cat HB)
Initial volume: <u>12</u> Loose volume: <u>Source of</u> Source of esti IOURLY PRODUCT oader Cycle Time: Cycle Time Factor	CCY     CCY       121,000     LCY       f estimated volume:     TR2, 1       imated swell factor:     Cat Ha       TON     Cat Ha       Unadjusted Basic Cycle Tines     I       Bank or broken material     No adjustment - factor not served.	Exh. L andbook me (load, dump, maneu 0.04 ot applicable 0.00	Iver): Factor 0.0 0.0	0.550 (min.) 40	minutes Source (Cat HB) (Cat HB)
Initial volume:12 Loose volume: Source of Source of esti HOURLY PRODUCT Loader Cycle Time: Cycle Time Factor Material Stockpile	E1,000   CCY     121,000   LCY     f estimated volume:   TR2, 1     imated swell factor:   Cat Hat     TION   Unadjusted Basic Cycle Times     1:   Bank or broken material     e:   No adjustment - factor model     b:   Common ownership of the	Exh. L andbook me (load, dump, maneu 0.04 ot applicable 0.00 rucks and loaders -0.04	Iver): Factor 0.0 0.0 4 -0.0	0.550 (min.) 40 00	minutes Source (Cat HB) (Cat HB) (Cat HB)
Initial volume: Loose volume: Source of Source of esti HOURLY PRODUCT Loader Cycle Time: Cycle Time Factor Material Stockpile Truck Ownership	CCY     121,000   CCY     121,000   LCY     f estimated volume:   TR2, I     imated swell factor:   Cat Ha     'ION   Cunadjusted Basic Cycle Tings     I:   Bank or broken material     e:   No adjustment - factor model     b:   Common ownership of transition -0.04	Exh. L andbook me (load, dump, maneu 0.04 ot applicable 0.00 rucks and loaders -0.04	Iver): Factor 0.0 0.0 4 -0.0	0.550 (min.) 40 00 )40	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Initial volume: Loose volume: Source of Source of esti IOURLY PRODUCT oader Cycle Time: Cycle Time Factor Material Stockpile Truck Ownership Operation	E1,000     CCY       121,000     LCY       f estimated volume:     TR2, I       imated swell factor:     Cat Ha       'ION       Unadjusted Basic Cycle Tines       I:     Bank or broken material       e:     No adjustment - factor model       c:     Common ownership of tines       c:     Constant operation -0.04       t:     No adjustment - factor model	Exh. L andbook me (load, dump, maneu 0.04 ot applicable 0.00 rucks and loaders -0.04	Iver): Factor 0.0 0.0 4 -0.0 -0.0 0.0	0.550 (min.) 40 00 )40 )40	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Initial volume: Loose volume: Source of Source of esti IOURLY PRODUCT oader Cycle Time: Cycle Time Factor Material Stockpile Truck Ownership Operation	21,000     CCY       121,000     LCY       f estimated volume:     TR2, I       imated swell factor:     Cat Ha       'ION       Unadjusted Basic Cycle Tints       I:     Bank or broken material       e:     No adjustment - factor no       o:     Common ownership of that       c:     No adjustment - factor no       o:     Constant operation -0.04       t:     No adjustment - factor no       No adjustment - factor no     Not do	Exh. L andbook me (load, dump, maneu 0.04 ot applicable 0.00 rucks and loaders -0.04 i ot applicable 0.00	Iver): Factor 0.0 0.0 4 -0.0 4 -0.0 0.0 0.0 nt:0.0	0.550 (min.) 40 00 )40 )40 )40 )40 )40	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Initial volume: Loose volume: Source of Source of esti AOURLY PRODUCT Material Cycle Time Factor Material Stockpile Truck Ownership Operation Dump Target	E1,000     CCY       121,000     LCY       f estimated volume:     TR2, I       imated swell factor:     Cat Ha       TON     Cat Ha       Unadjusted Basic Cycle Tints     I       I:     Bank or broken material       e:     No adjustment - factor no       c:     Common ownership of the       1:     Constant operation -0.04       t:     No adjustment - factor no       Net G     Adj	Exh. L andbook me (load, dump, maneu 0.04 ot applicable 0.00 rucks and loaders -0.04 t ot applicable 0.00 Cycle Time Adjustmen	Iver): Factor 0.0 0.0 4 -0.0 4 -0.0 0.0 0.0 nt:0.0	0.550 (min.) 40 00 )40 )40 )40 )40 )40	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Initial volume: Loose volume: Source of Source of esti IOURLY PRODUCT oader Cycle Time: Cycle Time Factor Material Stockpile Truck Ownership Operation Dump Target	CCY     CCY       121,000     LCY       f estimated volume:     TR2, I       imated swell factor:     Cat Hat       TION     Cat Hat       Unadjusted Basic Cycle Times     I       I:     Bank or broken material       e:     No adjustment - factor model       b:     Common ownership of the transmission of the tr	Exh. L andbook me (load, dump, maneu 0.04 ot applicable 0.00 rucks and loaders -0.04 ot applicable 0.00 Cycle Time Adjustmen usted Basic Cycle Tim	Iver): Factor 0.0 0.0 4 -0.0 4 -0.0 -0.0 0.0 0.0 0.0 0.0 0.5	0.550 (min.) 440 000 )40 )40 )40 )40 )40 )10	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Initial volume: Loose volume: Source of Source of esti AOURLY PRODUCT Material Cycle Time Factor Material Stockpile Truck Ownership Operation Dump Target	E1,000     CCY       121,000     LCY       f estimated volume:     TR2, I       imated swell factor:     Cat Ha       TON     Cat Ha       Unadjusted Basic Cycle Tints     I       I:     Bank or broken material       e:     No adjustment - factor no       c:     Common ownership of the       1:     Constant operation -0.04       t:     No adjustment - factor no       Net G     Adj	Exh. L andbook me (load, dump, maneu 0.04 ot applicable 0.00 rucks and loaders -0.04 ot applicable 0.00 Cycle Time Adjustmen usted Basic Cycle Tim nance or water, 4" tire	Iver): Factor 0.0 0.0 4 -0.0 4 -0.0 0.0 1t:0.0 e:0.5 penetration 8.	0.550 (min.) 440 000 )40 )40 )40 )40 )40 )10 )40 )10	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes

	Length	Grade Res.	Rolling	Total Res.	Travel Time	Source
	(feet)	(%)	Res. (%)	(%)	(minutes)	Source
Haul Route:	250	-5.00	8.00	3.00	0.1933	(Cat HB)
Return Route:	250	5.00	8.00	13.00	0.3329	(Cat HB)
	•		•			

		Total Travel Time:0.5262minutesTotal Cycle Time:1.0362minutes
Load Bucket Capacity		
Rated Capacity:	7.50	LCY (heaped)
Bucket Fill Factor:	1.100	Other - rock/dirt mixtures (100-120%) 1.100
Adjusted Capacity:	8.25	LCY
Job Condition Correction F Site Altitude: 6000 feet	Factors	
		Source
Altitude Adj:	1.00	(CAT HB)
Job Efficiency:	0.83	(1 shift/day)
Net Correction:	0.83	multiplier

Unadjusted Hourly Unit Production:	477.71	LCY/Hour
Adjusted Hourly Unit Production:	396.50	LCY/Hour
Adjusted Hourly Fleet Production:	396.50	LCY/Hour

Fleet size:	1	Loader(s)	Total job time:	305.17	Hours
Unit cost:	\$0.407	/LCY	Total job cost:	\$49,230	_

# BULLDOZER WORK

Task description:	Place 16,200 CY of Topsoil			
: Stocks Clay Mine	Permit Action	: _TR2	Permit/Job#:	M1977324
PROJECT IDENTIE	FICATION			
Task #: 002	State: Colorado	0	Abbreviation:	None
Date: 3/4/2024	County: Fremont		Filename:	002
User: HR1				
Agency or orga	anization name: DRMS			
HOURLY EQUIPM	ENT COST			
	at D7R DS Series II LGP			
Horsepower: 24				
• • •	raight			
Attachment: <u>NA</u> Shift Basis: 1	A per day			
	(RG)			
Cost Breakdown:				
Ownership Cost/Hours	\$114.76	Utilization % NA		
Ownership Cost/Hour: Operating Cost/Hour:	\$91.98			
Ripper own. Cost/Hour:				
Ripper op. Cost/Hour:	\$0.00			
Operator Cost/Hour:	\$41.30			
MATERIAL QUAN				
Initial Volume: 16, Swell factor: 1.0	200			
Initial Volume: 16, Swell factor: 1.00 Loose volume: 16, Source of estimated volu Source of estimated swe	200 00 <b>200</b> LCY ume: <u>CN-1, Exh L, 4" ove</u> 11 factor: <u>Cat Handbook</u>	er 30 acres		
Initial Volume: 16, Swell factor: 1.0 Loose volume: 16, Source of estimated volu	200 00 <b>200</b> LCY Ime: <u>CN-1, Exh L, 4" ove</u> Il factor: <u>Cat Handbook</u> <u>TION</u> 200 feet	er 30 acres		
Initial Volume: 16, Swell factor: 1.00 Loose volume: 16, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance:	200 00 200 LCY 1me: <u>CN-1, Exh L, 4" over 11 factor: Cat Handbook</u> Cat Handbook CTION 200 feet 1289.3 LCY/hr			
Initial Volume: 16, Swell factor: 1.00 Loose volume: 16, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ	200 00 200 LCY 1me: CN-1, Exh L, 4" over 11 factor: Cat Handbook TION 200 feet 1200 feet 1289.3 LCY/hr			
Initial Volume: 16, Swell factor: 1.00 Loose volume: 16, 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:	200 200 LCY Ime:CN-1, Exh L, 4" over 11 factor:Cat Handbook TION 200 feet action:200 feet 289.3 LCY/hr escription:Partly consolidate 5 %			
Initial Volume: 16, Swell factor: 1.00 Loose volume: 16, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient:	200 00 200 LCY ume: <u>CN-1, Exh L, 4" over 11 factor: Cat Handbook</u> TION 200 feet 1289.3 LCY/hr escription: <u>Partly consolidate</u> <u>-5 %</u> 6,000 feet	ed stockpile 1.1		
Initial Volume: 16, Swell factor: 1.00 Loose volume: 16, 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: Job Condition Correctio	$ \begin{array}{r}   200 \\   200 \\   200 \\   LCY \\   Ime: CN-1, Exh L, 4" over the second state of the se$	ed stockpile 1.1 ek, 75% Earth Source		
Initial Volume: 16, Swell factor: 1.00 Loose volume: 16, 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: Job Condition Correction Operator	$ \begin{array}{r}   200 \\   \overline{00} \\   200 LCY \\   Ime: CN-1, Exh L, 4" over the second state of the second$	ed stockpile 1.1 ek, 75% Earth <u>Source</u> (AVG.)		
Initial Volume: 16, Swell factor: 1.00 Loose volume: 16, 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: Job Condition Correctio Operator Material consis	$\begin{array}{c c} \hline 200 \\ \hline 00 \\ \hline 200 LCY \\ \hline 100 LCY \\ \hline 11 factor: CN-1, Exh L, 4" over the constraints of the constraints of the constraints of the constraints of the constraint o$	24 stockpile 1.1 24 stockpile 1.1 24 stockpile 1.1 25 stockpile 1.1 26 stockpile 1.1 27 stockpile 1.1 28 stockpile 1.1 29 stockpile 1.1 20 sto		
Initial Volume: 16, Swell factor: 1.00 Loose volume: 16, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correctio Operator Material consis Dozing m	$\begin{array}{c c} \hline 200 \\ \hline 00 \\ \hline 200 LCY \\ \hline 100 LCY \\ \hline 11 factor: CN-1, Exh L, 4" over the constraints of the constraints of the constraints of the constraints of the constraint o$	ed stockpile 1.1 ek, 75% Earth <u>Source</u> (AVG.)		

Job efficient	cy: 0.830	(1 SHIFT/DAY)
Spoil pi	le: 0.900	(SSD-FC)
Push gradie	nt: 1.115	(CAT HB)
Altitud	le: 1.000	(CAT HB)
Material Weig	ht: 0.868	(CAT HB)
Blade typ	be: 1.000	(PAT)
Net correction	on: 0.5964	
Adjusted unit production:	172.54 LCY/hr	
Adjusted fleet production:	172.54 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$1.438/LCY

Total job time:	<b>93.89</b> Hours
Total job cost:	\$23,289

## **REVEGETATION WORK**

Task descri	ption:	Reveg 30 acres			
Site: Stocks C	lay Mine	Permit Action:	TR2	Permit/Job	#: <u>M1977324</u>
PROJECT	<b>IDENTIFIC</b>	CATION			
Task #:	003	State: Colorado		Abbreviation:	None
Date:	3/4/2024	County: Fremont		Filename:	003
User:	HR1				

## **FERTILIZING**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
6-24-24, 10-20-10, 15-15-15	40.00	pound	\$0.44	\$17.60
			Total Fertilizer Materials	
			Cost/Acre	\$17.60

#### **Application**

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

### **TILLING**

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

## **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Hachita	0.30	4.90	\$4.79
Indian Ricegrass - Nespar	0.90	2.91	\$7.99
Little Bluestem - Pastura	0.53	3.16	\$7.15
Sideoats Grama - Vaughn	1.35	4.43	\$11.31
Western Wheatgrass - Arriba	1.60	4.04	\$10.40
Totals Seed Mix	4.68	19.45	\$41.63

### **Application**

Cost /Acre

## F

Description		
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 Stock Cost / Acre					\$0.00

No. of Acres:	30	Cost /Acre:	\$404.05
Estimated Failure Rate:	30%	Cost /Acre*:	\$273.63
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	\$12,121.50
Reseeding Job Cost:	\$2,462.67
Total Job Cost:	\$14,584
Job Hours:	35.00

## **REVEGETATION WORK**

Permit/Job#: <u>M1977324</u>
Abbreviation: None
Filename: 004

## **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/Acr	e \$0.00

## **TILLING**

Description	Cost /Acre
	\$
Total Tilling Cost/Acre	\$0.00

### **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
			\$
Totals Seed Mix	0.00	0.00	\$0.00

## Application

Description	Cost /Acre
	\$

## Total Seed Application Cost/Acre\$0.00

### **MULCHING and MISCELLANEOUS**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.01	\$4.01
Total Mulch Materials Cost/Acre				\$4.01

### **Application**

Description		Cost /Acre
Weed spray, hand, non-aquatic area, nox. [DMG]		\$183.16
	<b>Total Mulch Application Cost/Acre</b>	\$183.16

### 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

Estimate *Selected Replantin	No. of Acres: ed Failure Rate: ng Work Items:	0%	Cost /Acre: Cost /Acre*:	· · ·
Initial Job Cost: Reseeding Job Cost: Total Job Cost: Job Hours:	\$0.00 \$187			

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Mo	b/Demob Equipn	nent				
Stocks Clay M	line	Permit	Action: TR2			Permit/Job#: <u>M</u>	1977324
PROJECT IDE	NTIFICATI	ON					
Task #: 005 Date: 3/4/2024 User: HR1		State:ColoradoCounty:Fremont		Abbreviation:NoneFilename:005			
	or organization	n name: DRMS					
EQUIPMENT 1	RANSPOR	T RIG COST					
					Shift ba	usis: 1 per da	57
				(	Cost Data Sou		
	c Tractor Desc k Trailer Desc		ENERIC FOLD	400 HP DING GOC	(2ND HALF, SENECK, DF	ROP DECK EQUI	
				TRAILER	(25T, 50T, A)	ND 1001)	
Cost Breakdown:							
Available Rig C	apacities	0-25 Tons	26-50 Tons	51+	- Tons		
	Cost/Hour:	\$20.26	\$36.04		47.05		
	Cost/Hour:	\$39.51	\$76.08		32.85		
Operator Cost/Hour:		\$22.52	\$22.52		22.52		
Helper Cost/Hour:		\$0.00	\$23.53	\$2	23.53		
Total Unit Cost/Hour:		\$82.29	\$158.17	\$1	75.95		
NON ROADAB	LE EQUIPI	MENT:					
Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit (TONS)	Cost/hr/ unit	Cost/hr/uni t	Size	Cost/hr/ fleet	Cost/hr/ fleet	Cost/ fleet
CAT 980H	33.12	\$61.69	\$158.17	1	\$219.86	\$158.17	\$250.00
Cat D7R DS Series II LGP	34.57	\$114.76	\$158.17	1	\$272.93	\$158.17	\$250.00
Drill/Broadcast	25.00	\$6.73	\$82.29	1	\$89.02	\$82.29	\$250.00
Seeder with Tractor							

### **ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T. Crew	\$27.44	1	\$27.44	\$27.44
		Subtotals:	\$27.44	\$27.44

## **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	CAÑON CITY	
Total one-way travel distance:	8.00	miles
Average Travel Speed:	25.00	mph
Total Non-Roadable Mob/Demob Cost *	\$2,709.29	
<b>'*</b> two round trips with haul rig: _	φ2,703.23	
Total Roadable Mob/Demob Cost **	\$17.56	
** one round trip, no haul rig: _	\$17.50	

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.32	0.32
Return Time (Hours):	0.32	0.32
Loading Time (Hours):	0.25	NA
Unloading Time (Hours):	0.25	NA
Subtotals:	1.14	0.64

### JOB TIME AND COST

Total job time: **2.28** Hours

Total job cost: \$2,727