

Department of Natural Resources

1313 Sherman St. Room 215 Denver, CO 80203

October 23, 2020

Mr. Dan E. Long Platte Valley Real Estate, LLC 116 Spruce Road Sterling, CO 80751

Re: PVRE Pit #1, Permit No. M-2017-009, Technical Revision Approval, Revision No. TR-1

Dear Mr. Long:

On October 23, 2020 the Division of Reclamation, Mining and Safety approved the Technical Revision application submitted to the Division on August 27, 2020, addressing the following:

- 1. Augmentation plan to cover 6.5 acres of exposed ground water has been approved. The cost estimate was updated to include the 6.5 acre pond, reclamation of 2.9 acres and 0.5 acres for Jack's Lane (permanent feature). Upon further review, the maps submitted with the original application are sufficient.
- 2. A seed mix designed to protect the shoreline below the topsoil stockpile has been submitted and approved by the Division.
- 3. The operator has seeded the topsoil stockpile.

The terms of the Technical Revision No. 1 approved by the Division are hereby incorporated into Permit No. M-2017-009. All other conditions and requirements of Permit No. M-2017-009 remain in full force and effect.

The Division evaluated the reclamation cost estimate as part of the technical review. The proposed change in liability is listed below.

> Bond Held: \$46,200.00 Prior Liability: \$46,181.89 Change in Liability: (\$21,844.89) \$24,337.00 **Revised Liability:**

The operator can request a surety reduction by completing and submitting the attached application. A surety reduction request must be submitted to the Division with an estimate of the actual cost to reclaim the site as required by Rule 4.14.1. A copy of the Division's cost estimate has been attached for your reference.



If you have any questions, please contact me.

Sincerely,

Brock F. Bowles

Environmental Protection Specialist

COST SUMMARY WORK

Tas	k descrip	tion:					
: <u>P</u>	VRE Pit	t #1	Permit Action:	TR-1		Permit/Joba	#: <u>M2017009</u>
PRC	OJECT I	IDENTIFICATI	ON				
-	Task #:	001	State: Colorado		1	Abbreviation:	None
	Date:	9/9/2020	County: Logan			Filename:	M009-001
	User:	BFB					
	Age	ency or organization	n name: DRMS				
TAS	SK LIST	(DIRECT COS	TS)				
k				Form	Fleet	Task	
	Descrip			Used	Size	Hours	Cost
'		and Grade Affecte	d Area	DOZER	1	2.85	\$982
		Topsoil	1	TRUCK1	1	18.37	\$10,586
-		tation of the affecte		REVEGE	1	2.90	\$3,607
	Mobiliz	ation of Equipment		MOBILIZE	1	2.20	\$4,655
		COSTS					
OVE	RHEAD	AND PROFIT:					
		ability insurance:	2.02			Total = \$40	
		erformance bond:	1.05			$Total = _{\underline{}} 20	
	Jol	b superintendent:	10.87			$Total = \frac{\$7}{\$}$	
		Profit:	10.00		ТОТАТ		.983
			CONTI	RACT AMOUNT			348 3,178
			CONTI	XACI AMOUNI	(unect +	$O(\alpha \Gamma) = \frac{32}{2}$	3,170
LEG	AL - EN	GINEERING - PRO	OJECT MANAGEMENT:				
			ing (legal/related costs):	\$0	_	$Total = _{} \$0$	
	_	_	contract/bid preparation:	0.00	_	$Total = \underline{\$0}$	
	Recla	mation managemer	at and/or administration:	5.00	_	\$1,	,159
			CONTINGENCY:	0.00		Total =\$0	
				TOTAL I	NDIRECT	$\Gamma \text{ COST} = \underline{\$4}$,507

BULLDOZER WORK

Task description:	Backt	fill and Gra	de Affected	Area			
: PVRE Pit #1		Peri	nit Action:	TR-1		Permit/Job#:	M2017009
PROJECT IDEN	TIFICATIO	<u>)N</u>					
Task #: 100		State:	Colorado			Abbreviation:	None
Date: 9/9/20	020	County:	Logan			Filename:	M009-100
User: BFB						-	
Agency or	organization i	name: DR	aMS				
HOURLY EQUI							
Basic Machine:	Cat D9T - 9						
Horsepower:	405	30					
Blade Type:	Semi-Unive	real					
Attachment:	3-shank ripp						
Shift Basis:	1 per day	, CI					
Data Source:	(CRG)						
							
<u>Cost Breakdown</u> :					TA:11: 07		
O	r		¢157.00	<u> </u>	<u>Utilization %</u>		
Ownership Cost/H			\$156.88		NA 100		
Operating Cost/H Ripper own. Cost/H			\$127.87 \$15.59		100 NA		
Ripper op. Cost/H			\$2.56		25		
Operator Cost/H							
Operator Cost/H	iour:		\$41.30		NA		
Total unit Cost/Hou	ır: \$344.1	9					
Total Fleet Cost/Ho	ur: \$344.1	9		<u> </u>			
MATERIAL QU	ANTITIES						
Initial Volume:	2,340						
Swell factor:	1.000		_				
Loose volume:	2,340 LCY						
-	1	<i>c</i> ' 1					
Source of estimated Source of estimated		Cat Hand	over 2.9 acre book	:S			
HOURLY PROD	DUCTION						
Average push distar		100 feet					
Unadjusted hourly p		1,243.2 LC	Y/hr				
Materials consistence	cy description:	Partly c	onsolidated	stockpile	e 1.1		
Average push gradio Average site altitude		feet					
Material weight:	2,100	lbs/LCY					
Weight description:	Earth -	- Loam					
Job Condition Corre			750	1	Source		
	rator Skill:		750		(AVG.)		
	onsistency:		100		(CAT HB)		
DOZII	ng method:		100		(50% SL)		
	Visibility:	1.0	000		(AVG.)		

0.830	(1 SHIFT/DAY)
0.800	(FND-RF)
1.000	(CAT HB)
1.000	(CAT HB)
1.095	(CAT HB)
1.000	(PAT)
	0.800 1.000 1.000 1.095

Net correction: 0.6598

Adjusted unit production: 820.26 LCY/hr
Adjusted fleet production: 820.26 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.420/LCY

Total job time: 2.85 Hours
Total job cost: \$982

TRUCK/LOADER TEAM WORK

Task description:	Replace	Topsoil				
Site: PVRE Pit #1		Permit Act	ion: TR-1		Permit/Job#: N	12017009
PROJECT IDE	NTIFICATION	<u> </u>				
Task #: 101		State: Colo	rado	Ab	breviation: No	one
		County: Loga	n		Filename: M	009-101
User: BFI	<u> </u>					
Agency	or organization nar	ne: DRMS				
HOURLY EQU	IPMENT COS	<u>r</u>			is: <u>1 per day</u>	
	Truck Loader Tea	ım -Truck: Ca	Equipment Descri	iption		
	Truck Educer Tee		AT 962H			
Sur	port Equipment -I					
Dood	-D Maintenance –Mot	1	t D8T - 8SU			
Koau I		iter Truck: NA				
Cont Develolor				F	Malatana	
Cost Breakdown	Truck/Lo	ader Team Loader	Load Area	Equipment Dump Area	Motor Grader	nce Equipment Water Truck
				_		27.4
%Utilization-machine:	100	100	NA NA	50	NA NA	NA NA
Ownership cost/hour:	\$56.08 \$45.18	\$28.67	NA NA	\$116.22 \$44.88	NA NA	NA NA
Operating cost/hour: %Utilization-riper:	\$45.18 NA	\$37.06 0	NA NA	\$44.88 NA	NA NA	NA NA
Ripper own. cost/hour:	NA	\$0.00	NA NA	\$0.00	NA NA	NA NA
Ripper op. cost/hour:	NA	\$0.00	NA	\$0.00	NA	NA
Operator cost/hour:	\$32.54	\$40.71	NA	\$41.30	NA	NA
Unit Subtotals:	\$133.80	\$106.44	NA	\$202.40	NA	NA
Number of Units:	2	1	0	1	0	0
Group Subtotals:	Work:	\$374.04	Support:	\$202.40	Maint:	\$0.00
Total work team c	ost/hour: \$576.4 4	<u> </u>	**			
MATERIAL Q	HANTITIFS					
Initial volum		CC	V Swell	factor: 1.215		
Loose volum				1.213		
Ç	ource of estimated	volume: Div	ision of Reclamation	on Mining & Safe	at v	
	ce of estimated swe		Handbook	on, willing & Saic	лу	
	Material Purch	ase Cost: \$0.0	00			
	Te	otal Cost: \$0.0	00			
HOURLY PR	ODUCTION					
Truck Capacity:						
Truck Payload (w						
Material		*1	Pounds/LCY	•		
	eription: Top So Payload: 52,000		Pounds			
Payload C		•	LCY			

Struck Volume:	14.50	LCY				
Heaped Volume:	18.70	LCY				
Average Volume:	16.60	LCY				
Adjusted Volume:	18.70	LCY				
Fina	l Truck Volume	Based on Number of Lo	oader Passes:	16.77	LCY	
Loading Tool Capacity						
			Buck	et Size Class:	NA	_
Rated Capacity:	4.300	LCY (heaped)				=-
Bucket Fill Factor:	0.975	Loose material - ur	niform aggrega	tes to 1/8" (95-10	00%) 0.975	_
Adjusted Capacity:	4.193	LCY				
Job Condition Corrections	<u>s:</u>	Site A	Altitude (ft.): 39	940 feet		
	Truck	Loader	Source			
Altitude Adj:	1.000	1.000	(CAT HB)			
Job Efficiency:	0.830	0.830	(CAT HB))		
Net Correction:	0.830	0.830				
Loading Tool Cycle Time	• Numbei	r of Loading Tool Passes	s Required to F	ill Truck	4 r	asses
nowing 1001 C; 010 111110	1 (011100)	01 20441118 10011 4000	o rioquirou to r		r	
Excavators and Front Shov	els:					
Excavators and Front Shov		D. C. MA				
Machine Cycle Time						
Machine Cycle Time Selected Value	vs. Job Condition	c Rating: NA				
Machine Cycle Time Selected Value	vs. Job Condition within this Basin - Material Descr	c Rating: NA				
Machine Cycle Time Selected Value Track Loaders -	vs. Job Conditio within this Basi - Material Descr	c Rating: NA		Dump: 0.10	00	
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA	vs. Job Condition within this Basin Material Descr	c Rating: NA iption: Ianeuver: NA	—— (load, dump, m			ıtes
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA Wheel and Track Loaders	vs. Job Condition within this Basin Material Descr	c Rating: NA iption: Ianeuver: NA	(load, dump, m	aneuver):	0.500 minu	ıtes
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA	vs. Job Condition within this Basin Material Describits: Material Describits: Material Describits: Material Describits:	c Rating: NA iption: Ianeuver: NA	(load, dump, m			ıtes
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors	vs. Job Condition within this Basin Material Describits - Unadjusted Basin Material 1/8"	c Rating: NA iption: Ianeuver: NA asic Loader Cycle Time (aneuver): Factor (min.)	0.500 minu	ites
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors Material:	ws. Job Condition within this Basin Material Describition: - Unadjusted Basin Material 1/8" Conveyor or	c Rating: NA ription: Maneuver: NA rasic Loader Cycle Time (2 to 3/4" diameter -0.02	r less 0.01	Factor (min.) -0.020	0.500 minu Source (Cat HB)	ites
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	ws. Job Condition within this Basin - Material Describits: - Unadjusted Basin - Unadjust	c Rating: NA ription: Maneuver: NA risic Loader Cycle Time of to 3/4" diameter -0.02 dozer piled 10 ft. high of trucks and load ration -0.04	r less 0.01	Factor (min.) -0.020 0.010 -0.040 -0.040	0.500 minu Source (Cat HB) (Cat HB)	ites
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors Material: Stockpile: Truck Ownership:	ws. Job Condition within this Basin Material Describits - Unadjusted Basin Material 1/8" Conveyor or Common own	c Rating: NA ription: Maneuver: NA risic Loader Cycle Time of to 3/4" diameter -0.02 dozer piled 10 ft. high or nership of trucks and load ration -0.04 et 0.00	r less 0.01 nders -0.04	Factor (min.) -0.020 0.010 -0.040 -0.040 0.000	0.500 minu	utes
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	ws. Job Condition within this Basin - Material Describits: - Unadjusted Basin - Unadjust	c Rating: NA iption: Maneuver: NA asic Loader Cycle Time of to 3/4" diameter -0.02 dozer piled 10 ft. high or trucks and load ration -0.04 et 0.00 Net Cycle Time A	r less 0.01 nders -0.04 Adjustment:	Factor (min.) -0.020 0.010 -0.040 -0.040 0.000 -0.090	0.500 minu Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes	ites
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	ws. Job Condition within this Basin - Material Describits: - Unadjusted Basin - Unadjust	rating: NA NA Inpution: Maneuver: NA Asic Loader Cycle Time of the control of trucks and loader action -0.04 Net Cycle Time of Adjusted Loader Cycle Time of Tycle Time of	r less 0.01 aders -0.04 Adjustment: Cycle Time:	Factor (min.) -0.020 0.010 -0.040 -0.040 0.000 -0.090 0.410	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes	utes
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target:	ws. Job Condition within this Basin - Material Describits: - Unadjusted Basin - Unadjust	c Rating: NA iption: Maneuver: NA asic Loader Cycle Time of to 3/4" diameter -0.02 dozer piled 10 ft. high or trucks and load ration -0.04 et 0.00 Net Cycle Time A	r less 0.01 aders -0.04 Adjustment: Cycle Time:	Factor (min.) -0.020 0.010 -0.040 -0.040 0.000 -0.090	0.500 minu Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes	utes
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min. Load: NA Wheel and Track Loaders Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Cycle Time:	ws. Job Condition within this Basin Material Describits: - Unadjusted Basin Material 1/8" Conveyor or Common own Constant open Nominal targ	ration: NA Naic Rating: NA Inneuver: NA Naic Loader Cycle Time of to 3/4" diameter -0.02 dozer piled 10 ft. high of trucks and load ration -0.04 et 0.00 Net Cycle Time A Adjusted Loader Control Net Load Time of trucks and Time of the control	r less 0.01 aders -0.04 Adjustment: Cycle Time: e per Truck:	Factor (min.) -0.020 0.010 -0.040 -0.040 0.000 -0.090 0.410 1.330	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes	
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Cycle Time: Truck Exchange Time	ws. Job Condition within this Basin Material Describing: - Unadjusted Basin Material 1/8" Conveyor or Common own Constant open Nominal targ	ription: Maneuver: NA Masic Loader Cycle Time of to 3/4" diameter -0.02 dozer piled 10 ft. high of trucks and load ration -0.04 et 0.00 Net Cycle Time Adjusted Loader Control Net Load Time Minutes	r less 0.01 nders -0.04 Adjustment: Cycle Time: e per Truck:	Factor (min.) -0.020 0.010 -0.040 -0.040 0.000 -0.090 0.410 1.330 For site altitude:	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes 0.500	ites Mi
Machine Cycle Time Selected Value Track Loaders - Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target:	ws. Job Condition within this Basin Material Describits - Unadjusted Basin Material 1/8" Conveyor or Common own Constant open Nominal targ e: 0.50 e: 1.330	ration: NA Naic Rating: NA Inneuver: NA Naic Loader Cycle Time of to 3/4" diameter -0.02 dozer piled 10 ft. high of trucks and load ration -0.04 et 0.00 Net Cycle Time A Adjusted Loader Control Net Load Time of trucks and Time of the control	r less 0.01 aders -0.04 Adjustment: Cycle Time: e per Truck: Adjusted f	Factor (min.) -0.020 0.010 -0.040 -0.040 0.000 -0.090 0.410 1.330	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes	

<u>Truck Travel (Haul & Return) Time:</u> Road Condition: <u>Rutted dirt, little maintenance, no water, 1" tire penetration 4.0</u>

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	800.00	0.00	4.00	4.00	1817	0.622

Haul Time: 0.622 minutes

Return Route:

Tetam Toute.									
Seg#	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)			
1	800.00	0.00	4.00	4.00	2742	0.448			

Return Time: 0.448 minutes
Total Truck Cycle Time: 3.800 minutes

Loading Tool unit

Production Truck Unit Production

Truck Unit Production

264.79 LCY/Hour Adjusted for job efficiency: 456.36 LCY/Hour Adjusted for job efficiency: 219.78 LCY/Hour Optimal No. of Trucks: 2 Truck(s)

Selected Number of Trucks: 2 Truck(s)

Adjusted hourly truck team production: 439.55 LCY/Hour Adjusted single truck/loader team production: 439.55 LCY/Hour Adjusted multiple truck/loader team production: 439.55 LCY/Hour

JOB TIME AND COST

 Fleet size:
 1
 Team(s)
 Total job time:
 18.37
 Hours

 Unit cost:
 \$1.311
 /LCY
 Total job cost:
 \$10,586

REVEGETATION WORK

PVRE Pit #1						
I VKEII(III	Permit Action: TR-1 Permit/Job#:			#: <u>M2017009</u>		
ROJECT IDENTI	FICATION					
Task #: 102	State:	Colorado		٨h	breviation:	None
Date: 9/9/2020		Logan			Filename:	M009-102
User: BFB	County.	Logan			Thename.	W1009-102
Agency or org	ganization name: DF	RMS				
ERTILIZING						
aterials						
		Units /				
Description		Acre	Unit	Cos	t / Unit	Cost /Acre
•				\$		\$
				_		
				Tot	al Fertilizer	
					Materials	Φ0.00
					Cost/Acre	\$0.00
						\$
		Total	Fertilizer	Applicatio	n Cost/Acre	\$ \$0.00
<u>LLING</u>		Total	Fertilizer	Applicatio	on Cost/Acre	
		Total	Fertilizer	Applicatio	n Cost/Acre	\$0.00
Description	deen (MEANS 32 91 1		Fertilizer	Applicatio	on Cost/Acre	\$0.00 Cost /Acre
Description	deep (MEANS 32 91 1		Fertilizer	Applicatio	n Cost/Acre	\$0.00
Description	deep (MEANS 32 91 1				on Cost/Acre	\$0.00 Cost /Acre
Description	deep (MEANS 32 91 1					\$0.00 Cost /Acre \$107.16
Description Disc harrowing, 6" of	deep (MEANS 32 91 1			Fotal Tillin		\$0.00 Cost /Acre \$107.16
Description Disc harrowing, 6" of the control of th	deep (MEANS 32 91 1			Total Tillin		\$0.00 Cost /Acre \$107.16
Description Disc harrowing, 6" of	deep (MEANS 32 91 1			Cotal Tillin Rate – PLS	Seeds	\$0.00 Cost /Acre \$107.16 \$107.16
Description Disc harrowing, 6" of the control of th	deep (MEANS 32 91 1			Rate – PLS LBS /	ng Cost/Acre	\$0.00 Cost /Acre \$107.16 \$107.16
Description Disc harrowing, 6" of the control of th	deep (MEANS 32 91 1			Rate – PLS LBS / Acre	Seeds per SQ. FT	\$0.00 Cost /Acre \$107.16 \$107.16 Cost /Acre
Description Disc harrowing, 6" of the control of th				Rate – PLS LBS / Acre 0.40	Seeds per SQ. FT	\$0.00 Cost /Acre \$107.16 \$107.16 Cost /Acre
Description Disc harrowing, 6" of the common	utte			Rate – PLS LBS / Acre 0.40 1.37	Seeds per SQ. FT 1.93 4.50	\$0.00 Cost /Acre \$107.16 \$107.16 Cost /Acre \$1.02 \$12.33
Description Disc harrowing, 6" of the common	utte grass - Oahe			Rate – PLS LBS / Acre 0.40 1.37 3.00	Seeds per SQ. FT 1.93 4.50 6.40	\$0.00 Cost /Acre \$107.16 \$107.16 Cost /Acre \$1.02 \$12.33 \$8.40
Description Disc harrowing, 6" of the common	utte grass - Oahe			Rate – PLS LBS / Acre 0.40 1.37 3.00 5.10	Seeds per SQ. FT 1.93 4.50 6.40 9.25	\$0.00 Cost /Acre \$107.16 \$107.16 Cost /Acre \$1.02 \$12.33 \$8.40 \$17.21
Description Disc harrowing, 6" of the common	utte grass - Oahe			Rate – PLS LBS / Acre 0.40 1.37 3.00	Seeds per SQ. FT 1.93 4.50 6.40	\$0.00 Cost /Acre \$107.16 \$107.16 Cost /Acre \$1.02 \$12.33 \$8.40
Description Disc harrowing, 6" of the common	utte grass - Oahe	3.23 6100)		Rate – PLS LBS / Acre 0.40 1.37 3.00 5.10	Seeds per SQ. FT 1.93 4.50 6.40 9.25	\$0.00 Cost /Acre \$107.16 \$107.16 Cost /Acre \$1.02 \$12.33 \$8.40 \$17.21

Application

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

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$301.00	\$602.00
Total Mulch Materials Cost/Acre				\$602.00

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$70.17
Power mulcher (MEANS 32 91 13.16 0350)		\$101.93
	Total Mulch Application Cost/Acre	\$172.10

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: 2.9 Cost /Acre: \$1,183.42

Estimated Failure Rate: 20% Cost /Acre*: \$302.16

*Selected Replanting Work Items: SEEDING

Initial Job Cost: \$3,431.92

Reseeding Job Cost: \$175.25

Total Job Cost: \$3,607

Job Hours: 2.90

EQUIPMENT MOBILIZATION/DEMOBILIZATION

-	Γask description: <u>M</u>	obilization of Equ	uipment				
Site:	PVRE Pit #1	Permi	t Action:	TR-1		Permit/Job	#: <u>M2017009</u>
<u>P</u>	ROJECT IDENTIFICAT	<u>ION</u>					
	Task #: 103	State: C	Colorado		Ab	breviation:	None
	Date: 9/9/2020	County: L	ogan			Filename:	M009-103
	User: BFB	- · ·				•	
	Agency or organization	on name: DRM	S				
<u>E</u>	QUIPMENT TRANSPO	RT RIG COST					
					Shift	basis:	l per day
					Cost Data S		CRG Data
	Truck Tractor Des	cription: GEN	ERIC ON-	HIGHWA	AY TRUCK TRAC	CTOR, 6X4, I	DIESEL POWERED,
		1			400 HP (2ND HAI		,
	Truck Trailer Des	cription:	GENERIC	FOLDIN	G GOOSENECK,	DROP DECI	K EQUIPMENT
		1			AILER (25T, 50T,		
<u>C</u>	ost Breakdown:						_
	Available Rig Capacities	0-25 Tons	26-50	Tons	51+ Tons		
	Ownership Cost/Hour:	\$17.20	\$29	.63	\$38.69		
	Operating Cost/Hour:	\$26.56	\$47	.02	\$55.69		
	Operator Cost/Hour:	\$23.63	\$23	.63	\$23.63		
	Helper Cost/Hour:	\$0.00	\$23	.53	\$23.53		
	Total Unit Cost/Hour:	\$67.39	\$123	3.81	\$141.54		

NON ROADABLE EQUIPMENT:

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)		t		fleet		
Cat D8T - 8SU	53.08	\$128.22	\$141.54	1	\$269.76	\$141.54	\$250.00
Drill/Broadcast	25.00	\$6.72	\$67.39	1	\$74.11	\$67.39	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$11.19	\$67.39	1	\$78.58	\$67.39	\$250.00
(Bowie LD-90)							
CAT 962H	20.95	\$28.67	\$67.39	1	\$96.06	\$67.39	\$250.00
Cat 725	24.54	\$56.08	\$67.39	2	\$246.94	\$134.78	\$500.00

Subtotals: \$765.45 \$478.49 \$1,500.00

ROADABLE EQUIPMENT:

unit Cost/nr/ fleet Cost/m/ fleet	Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
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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:

STERLING
miles
20.00
mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.05	0.05
Return Time (Hours):	0.05	0.05
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.10	0.10

JOB TIME AND COST

Total job cost: 2.20 Hours

Total job cost: \$4,655



1313 Sherman Street, Room 215 Denver, CO 80203

REQUEST FOR FULL OR PARTIAL RELEASE OF PERMIT AREA/SURETY REDUCTION

Please indicate if you are reque	sting:			
FULL/FINAL RELEASE OF	ENTIRE PERMITTED	AREA (per Rule 4.17	<i>'</i>)	
ACREAGE REDUCTION (PA	ARTIAL RELEASE pe	r Rule 4.17)		
I wish to release	acres at this time.			
You will need to submit with permit and updated mining and if the release is approved.				
SURETY (Bond) REDUCTIO	ON (per Rule 4.14)			
If you are requesting a surety the actual cost to reclaim the reclamation, including unit cothe provisions of Rule 3.1 and File No.:	site based on what it would street for reclamation activities.	ld cost an independent c ties as appropriate to the	ontractor to co	omplete
County:				
Permittee:				
Permittee Address:				
		(Street Address)		
	(City)	(Sta	nte)	(Zip)



rmittee Representative:		
rtified Mail #		
accordance with $\overline{\text{Rule } 4.17.1(2)}$	the Operator shall include the names, addresses an	d phone numbers of all
ners of record to the affected la	nd. Please attach additional sheets for this informa	tion if required.
<u>Name</u>	<u>Address</u>	Phone Number
	_	_
_	_	_
		_
		_

Important: In accordance with Rules 4.14.2(a) and 4.17.1(3) This release request must be submitted to the Division via certified mail and separate from any other correspondence to the Division.