

June 27, 2019

Steve Baker 3B Enterprises, LLC P.O. Box 1665 Craig, CO 81626

RE: Deakins Pit, Permit No. M-2001-060, Notice of Surety Increase (SI-3)

Dear Mr. Baker:

In an effort to ensure the Financial Warranty for the above referenced site adequately reflects the actual current costs of fulfilling the requirements of the approved reclamation plan, the Colorado Division of Reclamation, Mining and Safety (Division) has updated the reclamation cost estimate (copy enclosed).

Division calculations estimate the cost to reclaim the above referenced site to be \$71,160. This is an increase of \$4,360 over the \$66,800 currently held by the Division. This estimate is based on conditions observed during the June 12, 2018 inspection. Therefore, pursuant to Section 34–32.5–117(4) of the Colorado Land Reclamation Act, adequate Financial Warranty must be submitted to the Division within 60 days of the mailing date of this letter. The additional amount needs to be accepted prior to Monday, August 26, 2019. Please review the enclosed figures as soon as possible and contact our office if any calculation errors are noted.

Please make arrangements with Gabriel Benvenuti at the Division of Reclamation, Mining and Safety Denver Office, phone no. 303.866.3567, ext. 8148 for submittal of the financial warranty. Any questions regarding completion, execution and/or submittal of financial warranty forms should also be directed to Gabriel Benvenuti.

If you require additional information, or have questions or concerns, please feel free to contact me. Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us

Sincerely,

Amy Yeldell

Environmental Protection Specialist

Ec: Travis Marshall, Senior EPS, Grand Junction DRMS



COST SUMMARY WORK

T	ask description:	Post in	spection update					
ite:	Deakins Pit		Permit Ac	tion:	2019-06		Permit/Job	o#: <u>M2001060</u>
PF	ROJECT IDENTIFIC	ATION	<u>1</u>					
	Task #: ACY		State: Color	ado		,	Abbreviation:	None
	Date: 6/20/2019		County: Moffa				Filename:	M060-ACY
	User: ACY							
	Agency or organiz	ation na	me: DRMS					
<u>T</u> A	ASK LIST (DIRECT O	COSTS	<u>)</u>					
~1-					Form	Fleet	Task	
sk	Description				Used	Size	Hours	Cost
	Remove scale house				DEMOLISH	1	16.00	\$4,617
	Highwall Reduction				DOZER	1	13.11	\$2,733
	Rip compacted areas				RIPPER	1	22.53	\$5,075
	Transport topsoil				LOADER	2	37.05	\$10,090
	Spread transported top	soil			DOZER	1	21.21	\$4,422
	Reveg affected lands				REVEGE	1	24.00	\$22,494
	Initial Mobilization				MOBILIZE	1	2.22	\$4,163
	Secondary Mobilization	on			MOBILIZE	1	2.22	\$1,454
						OTALS:		
IN	DIRECT COSTS							
<u>O/</u>	VERHEAD AND PROFIT	<u>Γ:</u>						
	Liability insurance	ce: 2.	02				Total = \$1	1,112
	Performance bor		05					578
	Job superintende	nt: 69	9.17				Total = \$5	5,053
	Prof	fit: 10	0.00					5,505
								12,248
			CO	ONTR	ACT AMOUNT	(direct +	$O \& P) = \underline{\qquad}$	57,296
LE	GAL - ENGINEERING -	- PROJE	ECT MANAGEMI	ENT:				
	Financial warranty pro	cessing	(legal/related cost	ts):	\$500		Total = \$5	500
	Engineering work and	l/or cont	ract/bid preparation	on:	0.00	_	Total = \$0)
	Reclamation manage	ement ar	nd/or administration	on:	5.00	_	\$3	3,365
			CONTINGENC	CY:	0.00		Total = \$6)
					TOTAL II	NDIRECT	$\Gamma \text{ COST} = \$1$	16,112

TOTAL BOND AMOUNT (direct + indirect) = \$\frac{\$71,160}{}\$

DEMOLITION WORK

Task	description:	Rem	ove scale house				
Site: Deal	kins Pit		Permit Action: 2019-	06	Pe	ermit/Job#:	M2001060
PROJECT I	DENTIFI	<u>CATION</u>					
Date: 6/	ask #: 01A State: Date: 6/27/2019 County:		ounty: Moffat	y: Moffat Filename: M060-01a			
UNIT COSTS	<u>5</u>				Location	adjustment:	95.50 %
Structure or Descripti		Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Scale House		70'L x 15'W x 10'H	Bldg. (SN) demo./off- site disposal in approved landfill - Max. 15 mile haul	10,500.00	CF	\$0.35	\$3,675.00
Scale		70'L x 12'W	Loading and 2 mile haul, no salvage - Machine loading	31.00	CY	\$17.20	\$533.20
Scale Transpor	rtation	31 CY	Hauling only, per mile, 12-18 CY truck - 50 mph average speed	26.00	MI	\$3.08	\$80.08
Scale foundation cement ramps	on &	80'L x 12'W	Demo. and on-site disposal in excavated pit, 4 in. thick - Max. 200 ft. push	960.00	SF	\$0.57	\$546.24
Job Hours:	: 16	.00	Subtotal (unadjusted): \$4,	834.52	(adj	otal Cost usted for ocation):	\$4,616.97

BULLDOZER WORK

Task description:	Highwall Reduction			
: Deakins Pit	Permit Action:	2019-06	Permit/Job#:	M2001060
PROJECT IDENTIFI	CATION			
Task #: 02A	State: Colorado		Abbreviation:	None
Date: 6/27/2019	County: Moffat		Filename:	M060-02a
User: ACY				
Agency or organ	nization name: DRMS			
HOURLY EQUIPME	NT COST			
Basic Machine: Cat	D8T - 8SU			
Horsepower: 310				
	ni-Universal			
Attachment: NA				
	er day	<u>—</u>		
Data Source: (CR	(C)	<u></u>		
Cost Breakdown:				
		<u>Utilization %</u>		
Ownership Cost/Hour:	\$93.62	NA		
Operating Cost/Hour:	\$73.35	100		
Ripper own. Cost/Hour:	\$0.00	NA 0		
Ripper op. Cost/Hour:	\$0.00	0		
Operator Cost/Hour:	\$41.52	NA		
Spermor Cosumon.	ψ+1.32			
Total unit Cost/Hour:		- 17-		
•	\$208.49 \$208.49			
Total unit Cost/Hour:	\$208.49			
Total unit Cost/Hour: Total Fleet Cost/Hour:	\$208.49 \$208.49			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT	\$208.49 \$208.49 ITIES			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556	\$208.49 \$208.49 ITIES			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.060	\$208.49 \$208.49 ITIES 5			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.060	\$208.49 \$208.49 ITIES			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.060	\$208.49 \$208.49 ITIES 6 0 D LCY			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.060 Loose volume: 5,889	\$208.49 \$208.49 ITIES 5 0 0 LCY ne:3000 LF, 20'H @ 2:1			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.060 Loose volume: 5,889 Source of estimated volume	\$208.49 \$208.49 ITIES 6 0 D LCY ne:3000 LF, 20'H @ 2:1			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.060 Loose volume: 5,889 Source of estimated volume	\$208.49 \$208.49 ITIES 6 0 9 LCY ne: 3000 LF, 20'H @ 2:1 Cat Handbook			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.066 Loose volume: 5,889 Source of estimated volum Source of estimated swell HOURLY PRODUCT	\$208.49 \$208.49 ITIES 5 0 9 LCY ne: 3000 LF, 20'H @ 2:1 Cat Handbook			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.066 Loose volume: 5,889 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance:	\$208.49 \$208.49 ITIES 50 9 LCY ne: 3000 LF, 20'H @ 2:1 Cat Handbook CION 50 feet			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.060 Loose volume: 5,889 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product	\$208.49 \$208.49 ITIES 6 0 D LCY ne:	to 3:1 cut fill		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.066 Loose volume: 5,889 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance:	\$208.49 \$208.49 ITIES 6 0 D LCY ne:	to 3:1 cut fill		
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Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.060 Loose volume: 5,889 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency descar	\$208.49 \$208.49 ITIES 5 D P LCY ne:	to 3:1 cut fill		
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Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.066 Loose volume: 5,889 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency descarded and services are services and services and services and services are services are services and services are services and services are services ar	\$208.49 \$208.49 ITIES 5 D PLCY ne:	to 3:1 cut fill		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.066 Loose volume: 5,889 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency descarded and services and services and services are altitude: Material weight: Weight description: Job Condition Correction	\$208.49 \$208.49 ITIES 5 D PLCY ne:	to 3:1 cut fill embankment 0.9		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.066 Loose volume: 5,889 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency desc Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator S	\$208.49 \$208.49 ITIES 5 D PLCY ne:	embankment 0.9 Source (AVG.)		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 5,556 Swell factor: 1.066 Loose volume: 5,889 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency descarded and services and services and services are altitude: Material weight: Weight description: Job Condition Correction	\$208.49 \$208.49 ITIES 6 0 9 LCY ne:	to 3:1 cut fill embankment 0.9		

0.830	(1 SHIFT/DAY)
0.800	(FND-RF)
0.903	(CAT HB)
1.000	(CAT HB)
0.793	(CAT HB)
1.000	(PAT)
	0.800 0.903 1.000 0.793

Net correction: 0.3209

Adjusted unit production: 449.26 LCY/hr
Adjusted fleet production: 449.26 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.464/LCY

Total job cost: 13.11 Hours \$2,733

BULLDOZER RIPPING WORK

	Task description:	_Rip c	ompacted areas					<u> </u>
Site	: Deakins Pit		Permit Action:	2019-06	Perm	it/Job#:	M2001060	
	PROJECT IDI	ENTIFICATION ENTIF	<u>ON</u>					
	Task #: 03A	A	State: Colorado		Abbrevi	ation:	None	
		7/2019	County: Moffat				M060-03a	
	User: AC	ĽΥ						
	Agency	or organization	name: DRMS					
	HOURLY EQU	UIPMENT CO	<u>OST</u>					
	Basic I	Machine: Cat	D8T - 8SU		Horsepower:	3	10	
	Ripper Atta	achment: 3-Sl	nank Ripper		Shift Basis:		er day	
					Data Source:	(CI	RG)	
	Cost Breakdown:							
					Utilization %			
		Ownership Co		\$93.62	NA NA			
	Pinn	Operating Co er Ownership Co		\$73.35 \$8.93	100 NA			
		per Operating Co		\$7.78	100			
	Кірр	Operator Co		\$41.52	NA			
		Total Unit Co	· · · · · · · · · · · · · · · · · · ·	\$225.20				
		Total Fleet Co	st/Hour: \$225	5.20				
	MATERIAL Q				mathadi Araa			
			Sele	ected estimating	g method: Area			_
~	Alternate Method	<u>18:</u>				_		
Seismic: Area:	NA 14.00	acres	Bank Volume: Rip Depth (ft):	NA 2.00	BCY Volume: 45,1		NA BC	Y or CCY
Aica.	14.00				volume +3,1	13	BC	of ee
			nated quantity: Reclan	iation wap				
	HOURLY PRO	<u>DDUCTION</u>						
	Seismic:			27.4	C . / 1			
		S	eismic Velocity:	NA	feet/second			
	Area:							
			e Ripping Depth:	2.56	feet/pass			
		_	Ripping Width: Ripping Length:	7.08 150.00	feet/pass feet/pass			
			ge Dozer Speed:	88.00	feet/minute			
			Maneuver Time:	0.25	minutes/pas			
		_	ion per unit area:	0.748	acres/hour			
	Job Condition Co	rrection Factors						
	Un	adjusted Hourly	Unit Production:	0.748	Acres/hr			
		3	Site Altitude:	6,200	feet			
			Altitude Adj:	1.00	(CAT HB)			
			Job Efficiency:	0.83	(1 shift/day)		
			Net Correction:	0.83	multiplier			
		Adjusted 1	Hourly Unit Production:	0.62	Acres/hr			
			Hourly Fleet Production:	0.62	Acres/hr			
	JOB TIME AN	ND COST						
	Fleet size:	1	Grader(s)	Total job tim	ne: 22.5	4	Hours	
	Unit cost:	\$362.534	Per acre	Total job cos	st: \$5,0 7	15		
					Ψυ,01	_		

WHEEL LOADER – LOAD AND CARRY WORK

	Deakins Pit		Pern	nit Action:	2019-06		р	ermit/Job#:	M2001060
	Doming I It			int i iction.	2017 00		_ 1	CITING SOUR.	1112001000
PI	ROJECT IDENT	IFICATION	<u>ON</u>						
	Task #: 04A		State:	Colorado			Abb	reviation:	None
	Date: 6/27/201	9	County:	Moffat				Filename:	M060-04a
	User: ACY		county.	William				_	111000 0 14
	Agency or or	ganization	name: DR	MS					
Η	OURLY EQUIPN	MENT CO	<u>DST</u>						
	Basic Machine:	CAT 9	72H			Horse	epower:	2	287
	Attachment 1:						ft Basis:	1 p	er day
						Data	Source:	(C	CRG)
Co	ost Breakdown:								
					Utilizatio	on %			
	Ownership Cos	st/Hour:	\$44.6	57	NA				
	Operating Cos		\$50.5		100				
	Operator Co	st/Hour:	\$40.9	00	NA				
	Total Unit Cos	st/Hour:	\$136.1	15					
	Total Fleet Co	ost/Hour: _	\$272.	30					
	AMEDIAL OLIA								
<u>IVI</u>	ATERIAL QUA	<u> </u>							
	Initial volume:	15,057		CCY	Swe	ell factor:	1.125		
	Initial volume: Loose volume:	/	5,939	CCY LCY	Swe	ell factor: _	1.125		
	Loose volume:	16	5,939	LCY	Swe 8" depth	ell factor: _	1.125		
	Loose volume: Source	16 ce of estima	,	LCY	8" depth	ell factor: _	1.125		
	Loose volume: Source	16 ce of estima	ited volume:	LCY 14 ac @	8" depth	ell factor: _	1.125		
<u>H</u>	Loose volume: Source	te of estimated :	ited volume:	LCY 14 ac @	8" depth	ell factor: _	1.125		
	Loose volume: Source of	te of estimated sections	ited volume:	LCY 14 ac @ Cat Hand	8" depth dbook	_		0.525	minutes
	Loose volume: Source of OURLY PRODU pader Cycle Time:	te of estimated sections. CTION Unad	ated volume: swell factor:	LCY 14 ac @ Cat Hand	8" depth dbook	_):	1	
	Loose volume: Source of OURLY PRODU oader Cycle Time: Cycle Time Fa	te of estimated sestimated sestimated sestimated sestimated sections	ited volume: swell factor: justed Basic (LCY 14 ac @ Cat Hand Cycle Time	8" depth dbook	_): Facto	or (min.)	Source
	Loose volume: Source of OURLY PRODU oader Cycle Time: Cycle Time Fa Mate	te of estimated sestimated sestimated sestimated sestimated sections. CTION Unada ctors ct	ited volume: swell factor: justed Basic (LCY 14 ac @ Cat Hand Cycle Time 0.02	8" depth dbook (load, dum	p, maneuver): Facto 0.	or (min.)	Source (Cat HB)
	Loose volume: Source of OURLY PRODU pader Cycle Time: Cycle Time Fa Mate Stock	ce of estimated sestimated sestimated sestimated sestimated sections. Unadectors contact serial: Micropoles Contact serial: Micropoles Contact serial: Contac	ited volume: swell factor: justed Basic (ixed material priveyor or do	LCY 14 ac @ Cat Hand Cycle Time 0.02 zer piled 10	8" depth dbook (load, dump	p, maneuver):	or (min.) .020 .000	Source (Cat HB) (Cat HB)
	Loose volume: Source of OURLY PRODU pader Cycle Time: Cycle Time Fa Mate Stock Truck Owner	te of estimated stress and the control of the contr	ited volume: swell factor: justed Basic (ixed material onveyor or do	LCY 14 ac @ Cat Hand Cycle Time 0.02 zer piled 10 rship of true	8" depth dbook (load, dump	p, maneuver):	or (min.) .020 .000 .040	Source (Cat HB) (Cat HB) (Cat HB)
	Loose volume: Source of OURLY PRODU pader Cycle Time: Cycle Time Fa Mate Stock Truck Owner	te of estimated sestimated sestim	ited volume: swell factor: justed Basic (ixed material inveyor or do immon owner instant operat	LCY 14 ac @ Cat Hand Cycle Time 0.02 zer piled 10 rship of truction -0.04	8" depth dbook (load, dump	p, maneuver	Facto 0. 00.	or (min.) .020 .000 .040	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)
	Loose volume: Source of OURLY PRODU pader Cycle Time: Cycle Time Fa Mate Stock Truck Owner	te of estimated sestimated sestim	ited volume: swell factor: justed Basic (ixed material onveyor or do	Cycle Time 0.02 zer piled 10 rship of truction -0.04 0.00	8" depth dbook (load, dump	p, maneuver d up 0.00 lers -0.04	Facto 0. 000. 0.	or (min.) .020 .000 .040	Source (Cat HB) (Cat HB) (Cat HB)
	Loose volume: Source of OURLY PRODU pader Cycle Time: Cycle Time Fa Mate Stock Truck Owner	te of estimated sestimated sestim	ited volume: swell factor: justed Basic (ixed material inveyor or do immon owner instant operat	Cycle Time 0.02 zer piled 10 rship of truction -0.04 0.00 Net Cy	8" depth dbook (load, dum) oft. high and eks and load	p, maneuver d up 0.00 lers -0.04 djustment:	Facto 0. 00 -0 00	or (min.) .020 .000 .040 .040 .040	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Lo	Loose volume: Source of OURLY PRODU pader Cycle Time: Cycle Time Fa Mate Stock Truck Owner Opera Dump Ta	te of estimated stressimated st	justed Basic (ixed material onveyor or do ommon owner onstant operatominal target)	Cycle Time 0.02 zer piled 10 rship of truction -0.04 0.00 Net Cy	8" depth dbook (load, dum) oft. high and eks and load	p, maneuver d up 0.00 lers -0.04 djustment:	Facto 0. 00 -0 00	or (min.) .020 .000 .040 .040 .040 .000	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Lo	Loose volume: Source of Source of OURLY PRODU pader Cycle Time: Cycle Time Fa Mate Stock Truck Owner Opera Dump Ta Olling Resistance – Re	te of estimated at	ited volume: swell factor: justed Basic (ixed material onveyor or do ommon owner onstant operat ominal target (tions	Cycle Time 0.02 zer piled 10 rship of truction -0.04 0.00 Net Cy Adjust	8" depth dbook (load, dumple of the high and load cle Time Acted Basic Cylinder 1988)	p, maneuver d up 0.00 lers -0.04 djustment: ycle Time:	Facto 0. 00 -0 00	or (min.) .020 .000 .040 .040 .040 .060 .465	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Lo	Loose volume: Source of Source of OURLY PRODU pader Cycle Time: Cycle Time Fa Mate Stock Truck Owner Opera Dump Ta Olling Resistance – R	te of estimated stress and conditions are conditions. Conditions are conditions are conditions. Conditions are conditions are conditions. Conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditional conditional conditional conditional conditional conditional conditional con	ited volume: swell factor: justed Basic (ixed material inveyor or do ionmon owner on stant operatominal target itions ed dirt, little r	Cycle Time 0.02 zer piled 10 rship of truction -0.04 0.00 Net Cy Adjust	8" depth dbook (load, dumple of the high and load cle Time Acted Basic Cyce, no water,	p, maneuver d up 0.00 lers -0.04 djustment: ycle Time:	Facto 0. 00 -0 00 cration 5.0	or (min.) .020 .000 .040 .040 .040 .060 .465	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Lo	Loose volume: Source of Source of OURLY PRODU pader Cycle Time: Cycle Time Fa Mate Stock Truck Owner Opera Dump Ta Olling Resistance – Re	te of estimated stress and conditions are conditions. Conditions are conditions are conditions. Conditions are conditions are conditions. Conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditions are conditions are conditions are conditions. Conditions are conditional conditional conditional conditional conditional conditional conditional con	ited volume: swell factor: justed Basic (ixed material onveyor or do ommon owner onstant operat ominal target (tions	Cycle Time 0.02 zer piled 10 rship of truction -0.04 0.00 Net Cy Adjust	8" depth dbook (load, dumple of the high and load cle Time Acted Basic Cyce, no water,	p, maneuver d up 0.00 lers -0.04 djustment: ycle Time:	Facto 0. 00 -0 00 cration 5.0	or (min.) .020 .000 .040 .040 .040 .060 .465	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Re	Loose volume: Source of Source of OURLY PRODU pader Cycle Time: Cycle Time Fa Mate Stock Truck Owner Opera Dump Ta Olling Resistance – R	te of estimated stress and cestimated stress	ited volume: swell factor: justed Basic (ixed material inveyor or do ionmon owner on stant operatominal target itions ed dirt, little r	Cycle Time 0.02 zer piled 10 rship of truction -0.04 0.00 Net Cy Adjust	8" depth dbook (load, dumple of the high and load cle Time Acted Basic Cyce, no water,	p, maneuver d up 0.00 lers -0.04 djustment: ycle Time:	Facto 0. 00 -0 00 cration 5.0	or (min.) .020 .000 .040 .040 .040 .060 .465	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Re	Loose volume: Source of Source of OURLY PRODU Dader Cycle Time: Cycle Time Fa Mate Stock Truck Owner Opera Dump Ta Olling Resistance – Return	ce of estimated sestimated sestim	ited volume: swell factor: justed Basic (ixed material proveyor or do promon owner print operate print target (itions ed dirt, little red dirt, little red	LCY 14 ac @ Cat Hand Cycle Time 0.02 zer piled 10 rship of truction -0.04 0.00 Net Cy Adjust	8" depth dbook (load, dump oft. high and eks and load cle Time Acted Basic Cy	p, maneuver d up 0.00 lers -0.04 djustment: ycle Time: 2" tire penet 2" tire penet	Facto 0. 0. -0 -0 0. ration 5.0	or (min.) .020 .000 .040 .040 .040 .060 .465	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes
Re	Loose volume: Source of Source of OURLY PRODU Dader Cycle Time: Cycle Time Fa Mate Stock Truck Owner Opera Dump Ta Olling Resistance – Return	te of estimated at	ited volume: swell factor: justed Basic G ixed material onveyor or do ommon owner onstant operat ominal target tions ed dirt, little red dirt, little red	Cycle Time O.02 Zer piled 10 rship of truction -0.04 O.00 Net Cy Adjuste maintenance maintenance Res.	8" depth dbook (load, dump oft. high and eks and load cle Time Ac ed Basic Cy e, no water, e, no water, e, no water,	p, maneuver d up 0.00 lers -0.04 djustment: ycle Time: 2" tire penet Total Res	Facto 0. 0. -0. -0. 0. cration 5.4	or (min.) .020 .000 .040 .040 .040 .060 .465	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Ro	Loose volume: Source of Source of OURLY PRODU Dader Cycle Time: Cycle Time Fa Mate Stock Truck Owner Opera Dump Ta Olling Resistance – Return	ce of estimated sestimated sestimates. Consideration sestimates are sestimated sestimate	ited volume: swell factor: justed Basic (ixed material proveyor or do promon owner print operate print target (itions ed dirt, little red dirt, little red	Cycle Time O.02 zer piled 10 rship of truction -0.04 O.00 Net Cy Adjustion maintenance maintenance Res.)	8" depth dbook (load, dump oft. high and eks and load cle Time Acted Basic Cy	p, maneuver d up 0.00 lers -0.04 djustment: ycle Time: 2" tire penet 2" tire penet	Facto 0. 0. -0 -0 0. ration 5.4	or (min.) .020 .000 .040 .040 .040 .060 .465	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes

Total Travel Time: 0.8771 minutes
Total Cycle Time: 1.3421 minutes

Load Bucket Capacity

Rated Capacity: _____ 5.60 LCY (heaped)

Bucket Fill Factor: 1.100 Other - rock/dirt mixtures (100-120%) 1.100

Adjusted Capacity: 6.16 LCY

Job Condition Correction Factors

Site Altitude: 6200 feet

		Source
Altitude Adj:	1.00	(CAT HB)
Job Efficiency:	0.83	(1 shift/day)
Net Correction:	0.83	multiplier

Unadjusted Hourly Unit Production: 275.39 LCY/Hour Adjusted Hourly Unit Production: 228.58 LCY/Hour Adjusted Hourly Fleet Production: 457.15 LCY/Hour

JOB TIME AND COST

Fleet size:	2	Loader(s)	Total job time:	37.05	Hours
Unit cost:	\$0.596	/LCY	Total job cost:	\$10,090	

BULLDOZER WORK

Task description:	Spre	ad transported topsoil			
Deakins Pit		Permit Action:	2019-06	Permit/Job#:	M2001060
PROJECT IDE	NTIFICATION	<u>ON</u>			
Task #: 05A		State: Colorado		Abbreviation:	None
Date: $\frac{6/27}{}$	2019	County: Moffat		Filename:	M060-05a
User: ACY	-	-		-	
Agency o	r organization	name: DRMS			
HOURLY EQU					
Basic Machine:	Cat D8T - 8				
Horsepower:	310	550			
Blade Type:	Semi-Unive	ersal			
Attachment:	NA				
Shift Basis:	1 per day				
Data Source:	(CRG)				
Cost Breakdown:					
			<u>Utilization %</u>		
Ownership Cost/I		\$93.62	NA		
Operating Cost/I		\$73.35	100		
Ripper own. Cost/I		\$0.00 \$0.00	NA		
Ripper op. Cost/I		\$41.52	0		
0 , 0 , 1					
Operator Cost/Ho Total unit Cost/Ho Total Fleet Cost/Ho MATERIAL OU	\$208. Sour: \$208.	49	NA NA		
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume:	\$208. bur: \$208. \$208. \$208. \$470	49	NA NA		
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor:	\$208. \$208. \$208. \$208. \$208. \$208. \$208. \$208. \$208.	49	NA NA		
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume:	\$208. \$2	49 49			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor:	\$208. \$208. \$208. \$208. \$208. \$470 \$	49			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated	\$208. \$208. \$208. \$208. \$208. \$470 \$	49 49 Half transported LCY			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista	\$208. \$2	Half transported LCY Cat Handbook			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PRO	\$208. \$2	Half transported LCY Cat Handbook			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista	\$208. \$2	Half transported LCY Cat Handbook 100 feet 852.6 LCY/hr	7 vol (16,939)		
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly	\$208. \$2	Half transported LCY Cat Handbook 100 feet 852.6 LCY/hr : Loose stockpile 1.2	7 vol (16,939)		
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly Materials consistent Average push grad	\$208. \$2	Half transported LCY Cat Handbook 100 feet 852.6 LCY/hr : Loose stockpile 1.2	7 vol (16,939)		
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly Materials consistent Average push grad Average site altitud	\$208. \$2	Half transported LCY Cat Handbook 100 feet 852.6 LCY/hr : Loose stockpile 1.2	/ vol (16,939)		
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly Materials consistent Average push grad Average site altitud Material weight: Weight description Job Condition Corr	\$208. \$208. \$208. \$208. \$208. \$208. \$208. \$208. \$208. \$470 1.000 8,470 LCY \$1 volume: \$1 swell factor: DUCTION nce: production: cy description fent: \$6,200 \$2,650 Cection Factor	Half transported LCY Cat Handbook 100 feet 852.6 LCY/hr : Loose stockpile 1.3 feet lbs/LCY mposed rock - 25% Rock	x, 75% Earth Source		
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly Materials consistent Average push grad: Average site altitud Material weight: Weight description Job Condition Corr	\$208. \$208. \$208. \$208. \$208. \$208. \$208. \$208. \$208. \$470 1.000 8,470 LCY d volume: d swell factor: \$208.	Half transported LCY Cat Handbook 100 feet 852.6 LCY/hr : Loose stockpile 1 feet lbs/LCY mposed rock - 25% Rocl 0.750	(vol (16,939) c, 75% Earth Source (AVG.)		
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly Materials consistent Average push grad Average site altitud Material weight: Weight description Job Condition Corr Ope Material of	\$208. \$208. \$208. \$208. \$208. \$208. \$208. \$208. \$208. \$470 1.000 8,470 LCY \$1 volume: \$1 swell factor: DUCTION nce: production: cy description fent: \$6,200 \$2,650 Cection Factor	Half transported LCY Cat Handbook 100 feet 852.6 LCY/hr : Loose stockpile 1.3 feet lbs/LCY mposed rock - 25% Rock	x, 75% Earth Source		

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:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4684

Adjusted unit production: 399.36 LCY/hr
Adjusted fleet production: 399.36 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.522/LCY

Total job time: 21.21 Hours
Total job cost: \$4,422

REVEGETATION WORK

Total Fertilizer Application Cost /Acre	Deakins Pit	Per	rmit Action: 2019	-06		Permit/Job#	t: M2001060
Task #:	2 (41111) 2 11					T GIIII (G G G II	1/12/00/1000
Date: 6/27/2019 County: Moffat Filename: M060-06a	<u>ROJECT IDENTIFICATIO</u>	<u>N</u>					
Date: 6/27/2019 County: Moffat Filename: M060-06a	Task #: 06A	State:	Colorado		Ab	breviation:	None
DRMS DRMS					_		
Description	User: ACY	•				_	
Description	Agency or organization n	name: DF	RMS				
Description							
Description							
Description	iterials		Unite /				
S S S Total Fertilizer Materials Cost/Acre \$0.00	Description			Unit	Cos	st / Unit	Cost /Acre
Total Fertilizer Materials Cost/Acre \$0.00	*		11010				
Materials Cost/Acre \$0.00					\$		\$
Materials Cost/Acre \$0.00					To	tal Fertilizer	
Description Cost /Acre \$							
Total Fertilizer Application Cost/Acre \$						Cost/Acre	\$0.00
Total Fertilizer Application Cost/Acre \$							
Total Fertilizer Application Cost/Acre \$0.00	nlication						
Total Fertilizer Application Cost/Acre \$0.00							Cost /Acre
Cost /Acre	Description						
Cost /Acre							
Cost /Acre							\$
Cost /Acre			Total	Fertilizer	Applicatio	on Cost/Acre	\$
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100) \$106.29	Description		Total	Fertilizer	Applicatio	on Cost/Acre	\$
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100) \$106.29			Total	Fertilizer	Applicatio	on Cost/Acre	\$
Total Tilling Cost/Acre \$106.29	Description LLING		Total	Fertilizer	Applicatio	on Cost/Acre	\$0.00
EDING Rate – PLS LBS / Acre Seeds per SQ. FT Cost /Acre Orchardgrass - Paiute 0.30 3.72 \$1.11 Smooth Brome - Lincoln 1.60 5.33 \$6.98 Intermediate Wheatgrass - Tegmar 2.50 5.34 \$9.83 Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description	NG 22 01 1		Fertilizer	Application	on Cost/Acre	\$ \$0.00 Cost /Acre
EDING Rate – PLS LBS / Acre Seeds per SQ. FT Cost /Acre Orchardgrass - Paiute 0.30 3.72 \$1.11 Smooth Brome - Lincoln 1.60 5.33 \$6.98 Intermediate Wheatgrass - Tegmar 2.50 5.34 \$9.83 Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description	.NS 32 91 1:		Fertilizer	Application	on Cost/Acre	\$ \$0.00 Cost /Acre
Seed Mix Rate – PLS LBS / Acre Seeds per SQ. FT Cost /Acre Orchardgrass - Paiute 0.30 3.72 \$1.11 Smooth Brome - Lincoln 1.60 5.33 \$6.98 Intermediate Wheatgrass - Tegmar 2.50 5.34 \$9.83 Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description	.NS 32 91 1:					\$ \$0.00 Cost /Acre \$106.29
Seed Mix Rate – PLS LBS / Acre Seeds per SQ. FT Cost /Acre Orchardgrass - Paiute 0.30 3.72 \$1.11 Smooth Brome - Lincoln 1.60 5.33 \$6.98 Intermediate Wheatgrass - Tegmar 2.50 5.34 \$9.83 Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description	.NS 32 91 1:					\$ \$0.00 Cost /Acre \$106.29
Seed Mix PLS LBS / Acre Seeds per SQ. FT Cost /Acre Orchardgrass - Paiute 0.30 3.72 \$1.11 Smooth Brome - Lincoln 1.60 5.33 \$6.98 Intermediate Wheatgrass - Tegmar 2.50 5.34 \$9.83 Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description Disc harrowing, 6" deep (MEA	NS 32 91 1					\$ \$0.00 Cost /Acre \$106.29
LBS / Acre Per SQ. FT	Description LLING Description	NS 32 91 1:					\$ \$0.00 Cost /Acre \$106.29
Acre FT Orchardgrass - Paiute 0.30 3.72 \$1.11 Smooth Brome - Lincoln 1.60 5.33 \$6.98 Intermediate Wheatgrass - Tegmar 2.50 5.34 \$9.83 Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description Disc harrowing, 6" deep (MEA	NS 32 91 1:			Fotal Tillin	ng Cost/Acre	\$0.00 Cost /Acre \$106.29 \$106.29
Orchardgrass - Paiute 0.30 3.72 \$1.11 Smooth Brome - Lincoln 1.60 5.33 \$6.98 Intermediate Wheatgrass - Tegmar 2.50 5.34 \$9.83 Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description Disc harrowing, 6" deep (MEA	NS 32 91 1:			Fotal Tillin	ng Cost/Acre	\$0.00 Cost /Acre \$106.29 \$106.29
Smooth Brome - Lincoln 1.60 5.33 \$6.98 Intermediate Wheatgrass - Tegmar 2.50 5.34 \$9.83 Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description Disc harrowing, 6" deep (MEA	.NS 32 91 1:			Fotal Tillin Rate – PLS	Seeds	\$0.00 Cost /Acre \$106.29 \$106.29
Intermediate Wheatgrass - Tegmar 2.50 5.34 \$9.83 Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description Disc harrowing, 6" deep (MEA	NS 32 91 1:			Rate – PLS LBS / Acre	Seeds per SQ. FT	\$0.00 Cost /Acre \$106.29 \$106.29
Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description Disc harrowing, 6" deep (MEA EDING Seed Mix Orchardgrass - Paiute	.NS 32 91 1			Rate – PLS LBS / Acre 0.30	Seeds per SQ. FT	\$0.00 Cost /Acre \$106.29 \$106.29 Cost /Acre
Pubescent Wheatgrass - Luna 2.25 4.65 \$9.38	Description LLING Description Disc harrowing, 6" deep (MEA EDING Seed Mix Orchardgrass - Paiute Smooth Brome - Lincoln				Rate – PLS LBS / Acre 0.30 1.60	Seeds per SQ. FT	\$0.00 Cost /Acre \$106.29 \$106.29 Cost /Acre \$1.11 \$6.98
	Description Description Disc harrowing, 6" deep (MEA EDING Seed Mix Orchardgrass - Paiute Smooth Brome - Lincoln Intermediate Wheatgrass - Tegr				Rate – PLS LBS / Acre 0.30 1.60	Seeds per SQ. FT 3.72 5.33	\$0.00 Cost /Acre \$106.29 \$106.29 Cost /Acre \$1.11 \$6.98
Σωπιοπ τοποπο Ψ0.10	Description Description Disc harrowing, 6" deep (MEA Disc harro				Rate – PLS LBS / Acre 0.30 1.60 2.50	Seeds per SQ. FT 3.72 5.33 5.34	\$0.00 Cost /Acre \$106.29 \$106.29 Cost /Acre \$1.11 \$6.98 \$9.83
	Description Description Disc harrowing, 6" deep (MEA EDING Seed Mix Orchardgrass - Paiute Smooth Brome - Lincoln Intermediate Wheatgrass - Tegr				Rate – PLS LBS / Acre 0.30 1.60 2.50	Seeds per SQ. FT 3.72 5.33 5.34	\$0.00 Cost /Acre \$106.29 \$106.29 Cost /Acre \$1.11 \$6.98 \$9.83
Totals Seed Mix 9.15 20.12 \$35.40	Description Description Disc harrowing, 6" deep (MEA Disc harro				Rate – PLS LBS / Acre 0.30 1.60 2.50 2.25	Seeds per SQ. FT 3.72 5.33 5.34 4.65	\$0.00 Cost /Acre \$106.29 \$106.29 Cost /Acre \$1.11 \$6.98 \$9.83 \$9.38

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
Herbicide - Glyphosate (Journey)@ 1.0 pt/ac	1.00	ACRE	\$4.26	\$4.26
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$288.00	\$576.00
Total Mulch Materials Cost/Acre				\$580.26

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$68.78
Power mulcher (MEANS 32 91 13.16 0350)		\$92.78
Weed spray, truck, aquatic area, nox. [DMG]		\$70.14
	Total Mulch Application Cost/Acre	\$231.70

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
Willow, Sandbar	1	Container, 5 gallon (MEANS)	\$50.30	\$0.00	\$50.30
Totals Nursery Stock Cost / Acre				\$50.30	

JOB TIME AND COST

 No. of Acres:
 14
 Cost /Acre:
 \$1,235.95

 Estimated Failure Rate:
 30%
 Cost /Acre*:
 \$1,235.95

*Selected Replanting Work Items: TILLING, SEEDING, NURSERY, MULC

HING

Initial Job Cost: \$17,303.30

Reseeding Job Cost: \$5,190.99

Total Job Cost: \$22,494

24.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Ini	tial Mobilization	<u> </u>		
te: Deakins Pit	Permi	t Action: 2019-06	6 Permit/Jo	bb#: <u>M2001060</u>
PROJECT IDENTIFICATI	<u>ON</u>			
Task #: 07A	State: C	colorado	Abbreviation:	None
Date: 6/27/2019 User: ACY	County: N	Ioffat	Filename:	M060-07a
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	ERIC ON-HIGHW	AY TRUCK TRACTOR, 6X4, 400 HP (2ND HALF, 2006)	DIESEL POWERED,
Truck Trailer Desc	ription:	GENERIC FOLDIN	IG 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:	\$16.63	\$18.37	\$22.33	
Operating Cost/Hour:	\$44.38	\$46.13	\$50.07	
Operator Cost/Hour:	\$27.66	\$27.66	\$27.66	
Helper Cost/Hour	\$0.00	\$25.39	\$25.39	

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$88.67

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	\$102.55	\$125.45	1	\$228.00	\$125.45	\$250.00
CAT 972H	28.00	\$44.67	\$117.55	2	\$324.44	\$235.10	\$500.00
Drill/Broadcast	25.00	\$15.54	\$88.67	1	\$104.21	\$88.67	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$8.33	\$88.67	1	\$97.00	\$88.67	\$250.00
(Bowie LD-90)							

\$117.55

\$125.45

Subtotals: \$753.65 \$537.89 \$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, 1 T. Crew	\$74.99	1	\$74.99	\$74.99

Subtotals:	\$74.99	\$74.99

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

CRAIG, CO
miles
2.00
mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.06	0.06
Return Time (Hours):	0.06	0.06
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.11	0.11

JOB TIME AND COST

Total job cost: 2.23 Hours

Total job cost: \$4,163

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: S	econdary Mobiliza	ation		
e: Deakins Pit	Permi	t Action:2019-0	<u>6</u> 1	Permit/Job#: <u>M2001060</u>
PROJECT IDENTIFICAT	<u> TION</u>			
Task #: 08A Date: 6/27/2019 User: ACY		Colorado Moffat		viation: None lename: M060-08a
Agency or organizati	on name: DRM	S		
EQUIPMENT TRANSPO Truck Tractor De		ERIC ON-HIGHW	Shift ba Cost Data Sour AY TRUCK TRACTO 400 HP (2ND HALF,	ce: CRG Data OR, 6X4, DIESEL POWEREI
Truck Trailer De	scription:		NG GOOSENECK, DR RAILER (25T, 50T, AN	OP DECK EQUIPMENT ID 100T)
Cost Breakdown:				
Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons	
Ownership Cost/Hour:		\$18.37	\$22.33	
Operating Cost/Hour:		\$46.13	\$50.07	
Operator Cost/Hour:	\$27.66	\$27.66	\$27.66	
Helper Cost/Hour:	\$0.00	\$25.39	\$25.39	
Total Unit Cost/Hour:	\$88.67	\$117.55	\$125.45	

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		
Drill/Broadcast	25.00	\$15.54	\$88.67	1	\$104.21	\$88.67	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$8.33	\$88.67	1	\$97.00	\$88.67	\$250.00
(Bowie LD-90)							

Subtotals: \$201.21 \$177.34 \$500.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T.	\$74.99	1	\$74.99	\$74.99
Crew				

Subtotals:	\$74.99	\$74.99	
oudiotais.	カノチ・ソソ	37/4.77	

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

CRAIG, CO
miles
2.00
mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.06	0.06
Return Time (Hours):	0.06	0.06
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.11	0.11

JOB TIME AND COST

Total job cost: 2.23 Hours

Total job cost: \$1,454