

October 31, 2024

Click here to enter text. *RE: Piceance Pit, Permit No. M-2001-077, Reclamation Cost Estimate SO-6*

This reclamation cost updated was in response SO-6 and the site inspection conducted on October 24, 2024. It is Division policy to periodically update its costs to ensure that the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan.

The bond was last recalculated in 2023 with SI-1. Significant activity has occurred on site since the previous calculation. Below is a table summarizing input values. This table does not account for price changes resulting from inflation or other RS Means cost changes. Bond calculations are based on a combination of field observations and worst case scenario based on the approved reclamation plan.

Assumptions:

- Site is 34.13 ac w/ 4.5 ac undisturbed. Pit/pond footprint is 15 ac
- All slopes go to a 3H: 1V or less

Task	Form Used	Description
01a	Demo	Remove Scale footers 70' x 15'
02a	Pumping	Dewater 12 ac pond approx. 10 ft prior to grading *Worst Case this would be required if site was abandoned
03a	Dozer	Highwall Grading to 3H: 1V = 9,196 BCY N: 800 LF @20'H 1H: 1V to 3H: 1V cut/fill = 2,963BCY E: 900LF @20'H Vert to 3H: 1V cut/fill = 4,983 BCY, SE: 600 LF @ 15'H 1H: 1V to 3H: 1V cut/fill = 1,250 BCY
04a	Ripper	Decompact pit stockpile areas 15 ac
05a	Truck	Spread topsoil 8" over 17.63 ac = 18,962 CCY Avg distance 1000 LF away 34.13ac - 12 ac pond- 4.5ac undisturbed = 17.63 ac
06a	Reveg	Reveg all areas where Topsoil was applied





		Riparian Mix – 3,100 LF perimeter of pond x 20ft (partially above and below water) total of 1.42 ac
06b	Reveg	Upland Mix – (17.63 ac topsoiled–1. 24 ac wetland) 16.21 ac (stockpile area and perimeter berms)
10a	Mob	Initial Mobilization – Updated equipment teams utilized
10b	Mob	Secondary Mobilization
Indirect		DRMS Standard Overhead Costs: Liability insurance, performance bond, profit, administration, Legal, Engineering and Project Management

Please feel free to contact me with any further questions.

Sincerely,

Amy Geldell

Amy Yeldell Environmental Protection Specialist

COST SUMMARY WORK

Г	Fask descrip	otion:	Bond updated for	or SO-6				
Site:	Piceance	Pit	Pe	rmit Action:	SO-6	Permit/Jol	o#: <u>M2001077</u>	
<u>P</u>]	ROJECT Task #:	IDENTIFIC	CATION State:	Colorado		Abbreviation:	None	
	Date:	10/31/2024 ACY	County:	Rio Blanco)	Filename:	M077-ACY	
	Age	ency or organiz	zation name: DF	RMS				

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Demo structures	DEMOLISH	1	5.50	\$1,088
02a	Dewater Pit	PUMPING	1	445.59	\$16,278
03a	Regrade highwalls to 3H: 1V	DOZER	2	9.07	\$5,836
04a	Decompact stockpile areas	RIPPER] 1	24.14	\$8,309
05a	Transport and spread topsoil	TRUCK1	1	51.42	\$57,230
06a	Reveg Riparian Areas	REVEGE] 1	3.00	\$1,494
06b	Reveg Upland Areas	REVEGE	1	24.00	\$19,515
10a	Initial Mobilization	MOBILIZE	1	11.60	\$20,701
10b	Secondary Mobilization	MOBILIZE	1	11.60	\$2,722
	SUBTOTALS:				\$133,173

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$2,690
Performance bond:	1.05	Total =	\$1,398
Job superintendent:	292.96	Total =	\$23,223
Profit:	10.00	Total =	\$13,317
		TOTAL O & P =	\$40,629
		CONTRACT AMOUNT (direct + O & P) =	\$173,802

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 \$7,387 \$8,690
CONTINGENCY:	3.00	Total =	\$3,995
	,	TOTAL INDIRECT COST =	\$61,200
TOTAL BO	\$194,373		

DEMOLITION WORK

Т	ask description:	Demo structures			
Site: _]	Piceance Pit	Permit Action:	SO-6	Permit/Job#: <u>M2001077</u>	
PROJEC	T IDENTIFICAT	ION			
Task #: Date: User:	01A 10/31/2024 ACY	State: Colorado County: Rio Blanco		Abbreviation: None Filename: M077-01a	
Agency or organization name: DRMS					
UNIT CO	<u>STS</u>			Location adjustment: 89.80 %	

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Scale footers	70' x 15'	Demo. and on-site disposal in existing pit, 1.5 ft. x 2 ft Max. 200 ft. push	170.00	LF	\$7.13	\$1,212.13

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	5.50	(unadjusted):	\$1,212.13	location):	\$1,088.49

PUMPING WORK

Task description:	Dewater Pit				
e: Piceance Pit	Permit	Action: SO-6		Permit/Job#:	M2001077
PROJECT IDENTIF	CATION				
Task #: 02A Date: 10/31/2024 User: ACY		Colorado Lio Blanco		Abbreviation: Filename:	None M077-02a
Agency or organ	nization name: DRMS	S			
HOURLY EQUIPME	NT COST				
	Description			Quantity	
Make and Model:	Submersible pump - 4	60v, 6 in.		1	
Attachment 1:	Suction hose - 6 in. di	am., 25 ft.		2	
Attachment 2:	Discharge hose - 6 in.	D., 25 ft.		6	
Labor Unit 1:	Pump operator			1	
Horsepower:	60				
	ber day				
<u> </u>	0.45				
(US	S Tons)				
Cost Breakdown:		1 1+:1:-	zation %		
Ownership Cost/H	Hour: \$10.44		NA		
Operating Cost/F			100		
Operator Cost/H			NA		
Total Unit Cost/H					
Total Fleet Cost/	1100m \$26.52				
<u>PUMPING QUANTI</u>					
Initial Pond Volu				Conversion factor:	325850.5800
Final Pond Volu		9.60 gall			
Total Pond Inflow Sur				Unit inflow rate in	0 1759
F Total Pond Inflow Vol	Area: 450,500) Sq.	11.	gph/sq. ft.:	0.1758
per H		0 gall	ons		
Source of	of estimated volume:	12 ac pond 10 ft	deep bottom inflo	W	
PUMPING TIME		•	•		
		120	000	1 /	
	imum Pump Capacity: stimated Suction Head:			gph/pump	
	nated Discharge Head:			feet feet	
Loti	Total Head:			feet	
	CPB Pump Capacity:			gph/pump	
	Site Altitude:			feet	
	ted Pumping Capacity:			gph	
	ljusted Pumping Time:			hours	
	luring Initial Pumping:			gallons	
	ljusted Pumping Time:			Hours	
	ide Adjustment Factor:			(3% rule)	
	ump Efficiency Factor: ljusted Pumping Time:			(55 min./hr.) hours	
JOB TIME AND COS					
	<u>~~</u>		Total job time:	445.60	Hours
Unit cost: \$0.00	0258 /Gallon		Total job cost:	\$16,278	

BULLDOZER WORK

Task description:	Regrade high				
Piceance Pit	·	Permit Action:	SO-6	Permit/Job#:	M2001077
PROJECT IDENT	IFICATION				
Task #: 03A	Stat	te: Colorado		Abbreviation:	None
Date: $10/31/20$				Filename:	M077-03a
User: ACY					
Agency or or	rganization name:	DRMS			
HOURLY EQUIP	MENT COST				
	Cat D8T - 8SU				
	310		_		
• I	Semi-Universal		_		
	NA		_		
	1 per day (CRG)		_		
			_		
Cost Breakdown:		1	TT.'11 .'		
Ownership Cost/Hou	14.	\$173.32	<u>Utilization %</u> NA		
Operating Cost/Hou		\$109.71	<u> </u>		
Ripper own. Cost/Hou		\$0.00	NA		
Ripper op. Cost/Hou		\$0.00	0		
Total Fleet Cost/Hour	\$321.62 : \$643.23	\$38.59	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: <u>MATERIAL QUA</u> Initial Volume: <u>9</u>	\$321.62 : \$643.23	\$38.59	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: <u>MATERIAL QUA</u> Initial Volume: <u>9</u> Swell factor: <u>1</u>	\$321.62 \$643.23 NTITIES ,196	\$38.59	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUA Initial Volume: 9 Swell factor: 1 Loose volume: 1	\$321.62 \$643.23 NTITIES ,196 .250 1,495 LCY				
Total unit Cost/Hour: Total Fleet Cost/Hour: <u>MATERIAL QUA</u> Initial Volume: <u>9</u> Swell factor: <u>1</u>	\$321.62 \$643.23 NTITIES ,196 .250 1,495 LCY olume:Divisi		n, Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated volume 9 Source of estimated volume 9	\$321.62 \$643.23 NTITIES ,196 .250 1,495 LCY olume: Divisi well factor: Cat H	on of Reclamatio			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUA Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated vo	\$321.62 \$643.23 NTITIES ,196 .250 1,495 LCY olume: Divisi well factor: Cat H	on of Reclamatio			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated vo Source of estimated sw HOURLY PRODU	\$321.62 \$643.23 NTITIES .196 .250 1,495 LCY olume: Divisi well factor: Cat H UCTION e: 75 feet	on of Reclamatio			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUA Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated vo Source of estimated sw HOURLY PRODU	\$321.62 \$643.23 NTITIES .196 .250 1,495 LCY olume: Divisi well factor: Cat H UCTION e: 75 feet	on of Reclamatio			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated vo Source of estimated sw HOURLY PRODU	\$321.62 \$643.23 NTITIES ,196 .250 1,495 LCY olume: Division well factor: Cat H UCTION e: 75 feet oduction: 1,017.1	on of Reclamatio	 n, Mining & Safety 		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency	\$321.62 \$643.23 NTITIES ,196 .250 1,495 LCY olume: Divisi well factor: Cat H UCTION e: 75 feet oduction: 1,017.1 description: Cor	on of Reclamatio andbook	 n, Mining & Safety 		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated volume: 9 Source of estimated swell 9 HOURLY PRODU 4 Average push distance 9 Unadjusted hourly pro 9	\$321.62 \$643.23 NTITIES ,196 .250 1,495 LCY olume: Divisi well factor: Cat H UCTION e: 75 feet oduction: 1,017.1 description: Cor	on of Reclamatio andbook	 n, Mining & Safety 		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated vo 5 Source of estimated sv 1 HOURLY PRODU 1 Average push distance 1 Materials consistency 1 Average push gradient 1	\$321.62 \$643.23 NTITIES ,196 .250 1,495 LCY olume: Divisi well factor: Cat H UCTION e: 75 feet oduction: 1,017.1 description: Cor t: 30 %	ion of Reclamatio andbook LCY/hr npacted fill or em	 n, Mining & Safety 		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated vo Source of estimated vo Source of estimated vo Source of estimated vo MourLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradient Average site altitude:	\$321.62 \$643.23 NTITIES .196 .250 1,495 LCY olume: Divisi well factor: Cat H UCTION e: 75 feet oduction: 1,017.1 description: Cor t: -30 %	ion of Reclamatio andbook LCY/hr npacted fill or em	n, Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated volume 9 Source of estimated volume 9 Average push distance 9 Unadjusted hourly pro 9 Materials consistency 1 Average push gradient 1 Average site altitude: 1 Material weight: 1 Weight description: 1	\$321.62 \$643.23 NTITIES ,196 .250 1,495 LCY olume: Divisi well factor: Cat H UCTION e: 75 feet oduction: 1,017.1 description: Cor t: -30 % 5,700 feet 2,650 lbs/LCY Decomposed re	ion of Reclamatio andbook LCY/hr npacted fill or em	n, Mining & Safety ubankment 0.9 75% Earth		
Total unit Cost/Hour: Total Fleet Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated volume: 9 Source of estimated volume: 9 Source of estimated volume: 9 Average push distance 9 Unadjusted hourly pro 9 Materials consistency 9 Average push gradient 4 Average site altitude: 9 Material weight: 9 Weight description: 10 Job Condition Correct 10	$\frac{$321.62}{$643.23}$ $\frac{$321.62}{$643.23}$ $\frac{$196}{.250}$ $\frac{$1,495 \text{ LCY}}{$01\text{ ume:} $ Divisi} \\ \text{well factor: $ Cat H} \\ \hline UCTION$ $\frac{$250 \ 1,495 \text{ LCY}}{$010000000000000000000000000000000000$	ion of Reclamatio andbook LCY/hr npacted fill or em	n, Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAI Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated volume: 9 Source of estimated volume: 9 Source of estimated volume: 9 Average push distance 9 Unadjusted hourly pro 9 Materials consistency 9 Average push gradient 4 Average site altitude: 9 Material weight: 9 Weight description: 10 Job Condition Correct 10	$\frac{$321.62}{$643.23}$ $\frac{$321.62}{$643.23}$ $\frac{$196}{.250}$ $1,495 LCY$ $\frac{$1,495 LCY}{$0lume: $Divisises}$ $\frac{$0lume: $Divisiss}{Cat H}$ $$1000000000000000000000000000000000000$	ion of Reclamatio andbook LCY/hr npacted fill or em	n, Mining & Safety ubankment 0.9 75% Earth		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 9 Swell factor: 1 Loose volume: 1 Source of estimated vo Source of estimated sw HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradient Average site altitude: Material weight: Weight description: Job Condition Correct Material cons Dozing	$\frac{$321.62}{$643.23}$ $\frac{$321.62}{$643.23}$ $\frac{$196}{.250}$ $1,495 LCY$ $\frac{$1,495 LCY}{$0lume: $Divisises}$ $\frac{$0lume: $Divisiss}{Cat H}$ $$1000000000000000000000000000000000000$	ion of Reclamatio andbook LCY/hr npacted fill or em 	n, Mining & Safety		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.601	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.6228	
Adjusted unit production: 63	3.45 LCY/hr	
Adjusted fleet production: 12	266.9 LCY/hr	

Fleet size:	2 Dozer(s)
Unit cost:	\$0.508/LCY

Total job time:	9.07 Hours
Total job cost:	\$5,836

BULLDOZER RIPPING WORK

	Task description:	Deco	mpact stockpile areas					
Site	: Piceance Pit		Permit Action:	SO-6	Permi	it/Job#: <u>M20</u>	01077	
	PROJECT ID	ENTIFICATI	<u>ON</u>					
	Task #: 044 Date: 10/ User: AC	31/2024	State: Colorado County: Rio Blanco		Abbrevia Filer	ation: None name: M077		
	Agency	or organization	name: DRMS					
	HOURLY EQ	•						
			D8T - 8SU		Uomonouvom	310		
	Ripper Att		hank Ripper		Horsepower: Shift Basis:	1 per day		
					Data Source:	(CRG)		
	Cost Breakdown:							
		Orren erskin Co			Utilization %			
		Ownership Co Operating Co	ost/Hour:	\$173.32 \$109.71	<u>NA</u> 100			
	Rippe	er Ownership Co		\$14.53	NA			
		per Operating Co	ost/Hour:	\$7.95	100			
		Operator Co		\$38.59	NA			
		Total Unit Co	ost/Hour:	\$344.10				
		Total Fleet Co	st/Hour: \$344	.10				
	MATERIAL Q	UANTITIES	Sele	cted estimating	method: Area			
	Alternate Method	l <u>s:</u>						
Seismic:	NA		Bank Volume:	NA	BCY	NA		
Area:	15.00	acres	Rip Depth (ft):	2.00	Volume:48,4	00	BCY or CO	
	Source of estimated quantity: Staff estimates							
	HOURLY PRO	DUCTION						
	Seismic:							
	<u></u>	S	Seismic Velocity:	NA	feet/second			
	Area:							
	<u>nica.</u>	Averag	e Ripping Depth:	2.56	feet/pass			
		Average	e Ripping Width:	7.08	feet/pass			
		0	Ripping Length:	150.00	feet/pass			
			age Dozer Speed:	88.00	feet/minute			
			Maneuver Time:	0.25 0.748	minutes/pas acres/hour	SS		
	Job Condition Co		·	0.740				
				0.749	A			
	Un	adjusted Hourly	Unit Production:	0.748	Acres/hr			
			Site Altitude:	5,700	feet			
			Altitude Adj: Job Efficiency:	<u>1.00</u> 0.83	(CAT HB) (1 shift/day)	`		
			Net Correction:	0.83	(1 shirt/day) multiplier)		
			Hourly Unit Production: Hourly Fleet Production:	0.62 0.62	Acres/hr Acres/hr			
	IOD TIME AN	·	iourry ricer routetion.	0.04	/ 10103/111			
	JOB TIME AN			m		-		
	Fleet size:	1	Grader(s)	Total job time	24.1	5	Hours	
	Unit cost:	\$553.942	Per acre	Total job cost	t: \$8,3 0	9		

TRUCK/LOADER TEAM WORK

Task description:	Transpo	ort and spread to	psoil			
Site: Piceance Pit		Permit Action	on: SO-6		Permit/Job#: <u>M</u>	2001077
PROJECT IDEN	FIFICATION					
Task #: 05A		State: Colora	ado	Ab	breviation: No	ne
Date: 10/31/2	2024	County: Rio B			Filename: M0	077-05a
User: <u>ACY</u>						
Agency or	organization nan	ne: DRMS				
HOURLY EQUIE	PMENT COST	<u>r</u>		Shift bas	is: <u>1 per day</u>	
]	Equipment Descri	ption		
Ti	ruck Loader Tea	m -Truck: Cat	730	1		
			Г 972Н			
Suppo	rt Equipment -L		D8T - 8SU D8T - 8SU			
Road Ma	intenance – Mot					
		ter Truck: NA				
Cost Breakdown:	Truck/Loa	ader Team	Support 1	Equipment	Maintenan	ce Equipment
	Truck	Loader	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	20	100	NA	NA
Ownership cost/hour:	\$108.67	\$62.43	\$173.32	\$173.32	NA	NA
Operating cost/hour:	\$66.26	\$57.98	\$21.94	\$109.71	NA	NA
%Utilization-riper:	NA	0	NA	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	\$0.00	\$0.00	NA	NA
Ripper op. cost/hour:	NA	\$0.00	\$0.00	\$0.00	NA	NA
Operator cost/hour:	\$25.24	\$36.85	\$38.59	\$38.59	NA	NA
Unit Subtotals:	\$200.17	\$157.26	\$233.85	\$321.62	NA	NA
Number of Units:	2	1	1	1	0	0
Group Subtotals:	Work:	\$557.60	Support:	\$555.47	Maint:	\$0.00
Total work team cos	t/hour: <u>\$1,113.</u>	07				
MATERIAL QUA	ANTITIES					
Initial volume:	18,962			factor: <u>1.215</u>		
Loose volume:	23,03					
	rce of estimated		3 ac @ 8"			
Source	of estimated swe Material Purcha		Handbook			
		otal Cost: \$0.00				
HOURLY PRO	DUCTION					
<u>Truck Capacity:</u> Truck Payload (weig	ht) Basis:					
Material w			Pounds/LCY			
Descri	· · · · · · · · · · · · · · · · · · ·					
Rated Pay			Pounds			
Payload Cap	acity: <u>38.75</u>		LCY			

Wheel and Track Loader Cycle Time Factor Materia Stockpile Truck Ownership Operation Dump Targe <u>Truck Cycle Time:</u> Truck Exchange Ti Truck Load Ti ck Maneuver and Dump Ti	me: 0.60	ial 0.02 dozer piled 10 ft. hig nership of trucks and ration -0.04 et 0.00 Net Cycle Tir Adjusted Load	h or less 0.01 loaders -0.04 ne Adjustment: ler Cycle Time: ime per Truck: Adjusted Adjusted	naneuver): 0. Factor (min.) 0.020 0.010 0.010 -0.040 0.000 -0.050 0.475 1.050 1.050 for site altitude:	525 min (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) 0.600 1.050 1.000 1.000	utes — — — — Minute — Minute – Minute
Cycle Time Factor Materia Stockpile Truck Ownership Operation Dump Targe <u>Truck Cycle Time:</u> Truck Exchange Ti Truck Load Ti	me: 0.60	ial 0.02 dozer piled 10 ft. hig nership of trucks and ration -0.04 et 0.00 Net Cycle Tir Adjusted Load Net Load T Minutes Minutes	h or less 0.01 loaders -0.04 ne Adjustment: ler Cycle Time: ime per Truck: Adjusted Adjusted	Factor (min.) 0.020 0.010 -0.040 -0.040 0.000 -0.050 0.475 1.050	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes 0.600 1.050	 Minute
Cycle Time Factor Materia Stockpile Truck Ownership Operation Dump Targe <u>Truck Cycle Time:</u> Truck Exchange Ti	rs 1: Mixed materi 2: Conveyor or 5: Common own 1: Constant ope 1: Nominal targ me: 0.60	ial 0.02 dozer piled 10 ft. hig nership of trucks and ration -0.04 et 0.00 Net Cycle Tir Adjusted Load Net Load T Minutes	h or less 0.01 l loaders -0.04 ne Adjustment: ler Cycle Time: ime per Truck: Adjusted	Factor (min.) 0.020 0.010 -0.040 -0.040 0.000 -0.050 0.475 1.050	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes 0.600	
Cycle Time Factor Materia Stockpile Truck Ownership Operation Dump Targe	I: Mixed materi Conveyor or Common own Constant ope Constant ope	ial 0.02 dozer piled 10 ft. hig nership of trucks and ration -0.04 et 0.00 Net Cycle Tir Adjusted Load Net Load T	h or less 0.01 loaders -0.04 me Adjustment: ler Cycle Time: Time per Truck:	Factor (min.) 0.020 0.010 -0.040 -0.040 0.000 -0.050 0.475 1.050	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes	
Cycle Time Factor Materia Stockpile Truck Ownership Operation Dump Targe	rs I: Mixed materi e: Conveyor or o: Common own n: Constant ope	ial 0.02 dozer piled 10 ft. hig nership of trucks and ration -0.04 et 0.00 Net Cycle Tir Adjusted Load	h or less 0.01 l loaders -0.04 ne Adjustment: er Cycle Time:	Factor (min.) 0.020 0.010 -0.040 -0.040 0.000 -0.050 0.475	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes	utes
Cycle Time Factor Materia Stockpile Truck Ownership Operation	rs I: Mixed materi e: Conveyor or o: Common own n: Constant ope	ial 0.02 dozer piled 10 ft. hig nership of trucks and ration -0.04 et 0.00 Net Cycle Tir Adjusted Load	h or less 0.01 l loaders -0.04 ne Adjustment: er Cycle Time:	Factor (min.) 0.020 0.010 -0.040 -0.040 0.000 -0.050 0.475	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes	utes
Cycle Time Factor Materia Stockpile Truck Ownership Operation	rs I: Mixed materi e: Conveyor or o: Common own n: Constant ope	ial 0.02 dozer piled 10 ft. hig nership of trucks and ration -0.04 et 0.00 Net Cycle Tin	th or less 0.01 loaders -0.04 ne Adjustment:	Factor (min.) 0.020 0.010 -0.040 -0.040 0.000 -0.050	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes	utes
Cycle Time Factor Materia Stockpile Truck Ownership Operation	rs I: Mixed materi e: Conveyor or o: Common own n: Constant ope	al 0.02 dozer piled 10 ft. hig nership of trucks and ration -0.04 et 0.00	h or less 0.01 loaders -0.04	Factor (min.) 0.020 0.010 -0.040 -0.040 0.000	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)	utes
Cycle Time Factor Materia Stockpile Truck Ownership Operation	rs I: Mixed materi e: Conveyor or o: Common own n: Constant ope	al 0.02 dozer piled 10 ft. hig nership of trucks and ration -0.04	th or less 0.01	Factor (min.) 0.020 0.010 -0.040 -0.040	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)	utes
Cycle Time Factor Materia Stockpile Truck Ownership	rs 1: Mixed materi e: Conveyor or b: Common own	ial 0.02 dozer piled 10 ft. hig nership of trucks and	th or less 0.01	Factor (min.) 0.020 0.010 -0.040	Source (Cat HB) (Cat HB) (Cat HB)	utes
Cycle Time Factor Materia Stockpile	rs 1: Mixed materi 2: Conveyor or	ial 0.02 dozer piled 10 ft. hig	th or less 0.01	Factor (min.) 0.020 0.010	Source (Cat HB) (Cat HB)	utes — —
Cycle Time Factor Materia	rs 1: Mixed materi	ial 0.02		Factor (min.) 0.020	Source (Cat HB)	utes
	rs	-	me (load, dump, r	Factor (min.)		utes
Wheel and Track Loade	rs - Unadjusted Ba	asic Loader Cycle Tir	me (load, dump, r	naneuver): 0.	<u>525</u> min	utes
Load: NA	N	laneuver: NA		Dump: 0.100		
Cycle Time Elements (min	a.):					
	s – Material Descr	1pt1on:				
Selected Value	ue within this Basi	c Rating: NA				
Machine Cycle Tim	e vs. Job Conditio	n Rating: NA				
Excavators and Front Sho	ovels:					
Loading Tool Cycle Tim	ne: Numbe	r of Loading Tool Pa	sses Required to	Fill Truck:	3 1	passes
Net Correction:	0.830	0.830				
Job Entreichey.	0.030	0.030		·/		
Altitude Adj: Job Efficiency:	0.830	0.830	(CAT HE (CAT HE	/		
Altitudo Adie	Truck 1.000	Loader 1.000	CAT HE			
Job Condition Correctio	ns:	Si	ite Altitude (ft.):	5700 feet		
Adjusted Capacity:	5.880	LCY				
Bucket Fill Factor:		Other - moist lo	bam (100-1	10%) 1.050		_
Rated Capacity:		LCY (heaped)			A	
Loading Tool Capacity			Puel	ket Size Class: N	٨	
	nal Truck Volume	Based on Number o	f Loader Passes:	17.64	LCY	
Adjusted Volume:	22.10	LCY				
Average Volume: Adjusted Volume:		LCY LCY				
	19.60					

Seg #	Haul I (Ft)	Distance	Grade (%)	Roll. Res	Total Res	Velocity (fnm)	Travel Time	
	(Fl)			(%)	(%)	(fpm)	(min)	
1	1000.0	00	0.00	4.00	4.00	1774	0.753	
					Haul Time:	0.753	minutes	
Return Ro	oute:				_			
Seg #	Haul I	Distance	Grade (%)	Roll. Res	Total Res	Velocity	Travel	
	(Ft)			(%)	(%)	(fpm)	Time (min)	
1	1000.0	00	0.00	4.00	4.00	2855	0.518	
					Return Time:	0.518	minutes	
				Total Tru	ck Cycle Time:	3.921	minutes	
Loading Too	l unit							
Produ	_	641.45	LCY/Hour		Adjusted for j	ob efficiency:	532.41	_ LCY/Hour
ruck Unit Produ	iction _	269.93	LCY/Hour		Adjusted for j	ob efficiency:	224.04	_ LCY/Hour
ptimal No. of Tr	ucks:	2	Truck(s)		Selected Numl	per of Trucks:	2	Truck(s)
			Adjuste	d hourly truc	k team production	on: 448.	.09 LCY/I	Iour
					er team production			
			Adjusted multip	le truck/loade	er team production	on: 448.	.09 LCY/H	Iour
JOB TIN	ME AN	D COST						
Fleet	size:	1	Team(s)]	Fotal job time:	51.42	2 Hou	rs

REVEGETATION WORK

Task description:	Reveg Riparian Areas Permit Action: SO-6	Permit/Job#:M2001077
PROJECT IDENTIFICA	TION	
Task #: 06A Date: 10/31/2024 User: ACY	State: Colorado County: Rio Blanco	Abbreviation: None Filename: M077-06a

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
			Total Fertilizer	
			Materials Cost/Acre	\$0.00

Application

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

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.61
Total Tilling Cost/Acre	\$117.61

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	1.00	39.03	\$29.08
Streambank Wheatgrass - Sodar	5.50	17.93	\$45.66
Western Wheatgrass - Rosanna	8.00	20.20	\$70.20
Saltgrass, Inland	1.50	20.79	\$74.76
Tufted Hairgrass	1.00	57.39	\$28.48
Basin Wildrye - Trailhead	5.00	20.32	\$65.07
Totals Seed Mix	22.00	175.66	\$313.26

Application

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

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Total Mulch Materials Cost/Acre				\$4.13

Application

Description		Cost /Acre
Weed spray, truck, aquatic area, nox. [DMG]		\$79.77
	Total Mulch Application Cost/Acre	\$79.77

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:	1.42	Cost /Acre:	\$751.41
Estimate	ed Failure Rate:	40%	Cost /Acre*:	\$751.41
*Selected Replanti	ng Work Items:	TILLING,SEEDIN	IG,MULCHING	
Initial Job Cost:	\$1.067.00			
	· · · · · · · · · · · · · · · · · · ·			
Reseeding Job Cost:	\$426.80			
Total Job Cost:	\$1,494			
Job Hours:	3.00			

REVEGETATION WORK

Task descrip	otion:	Reveg Upland Areas	
e: Piceance	Pit	Permit Action: SO-6	Permit/Job#: <u>M2001077</u>
PROJECT	IDENTIFIC	ATION	
Task #:	06B	State: Colorado	Abbreviation: None
Date: User:	10/31/2024 ACY	County: <u>Rio Blanco</u>	Filename: M077-06b

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
			Total Fertilizer	
			Materials Cost/Acre	\$0.00

Application

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

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.61
Total Tilling Cost/Acre	\$117.61

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Nespar	6.00	19.42	\$103.33
Bluebunch Wheatgrass - Secar	6.00	19.28	\$63.08
Bottlebrush Squirreltail	4.50	19.83	\$114.32
Sandberg Bluegrass - VNS	1.50	31.85	\$21.67
Streambank Wheatgrass - Sodar	5.50	17.93	\$45.66
Western Wheatgrass - Rosanna	8.00	20.20	\$70.20
Totals Seed Mix	31.50	128.52	\$418.27

Application

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

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Total Mulch Materials Cost/Acre				\$4.13

Application

Description		Cost /Acre
Weed spray, truck, non-aquatic area, nox. [DMG]		\$83.26
	Total Mulch Application Cost/Acre	\$83.26

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
		Totals 2	Nursery Stoc	k Cost / Acre	\$0.00

	No. of Acres:	16.21	Cost /Acre:	\$859.91
Estimate	ed Failure Rate:	40%	Cost /Acre*:	\$859.91
*Selected Replanti	ng Work Items:	TILLING,SEEDIN	G,MULCHING	
	*12 020 11			
Initial Job Cost:	\$13,939.14			
Reseeding Job Cost:	\$5,575.66			
Total Job Cost:	\$19,515			
Job Hours:	24.00			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

-		ial Mobilization					
: Piceance Pit		Permit	Action: SO-6]	Permit/Job#: <u>M</u>	2001077
PROJECT IDEN	TIFICATI	<u>ON</u>					
Task #: 10A		State: Co	olorado		Abbre	eviation: None	
	1/2024		o Blanco			ilename: M077	′-10a
User: ACY		county. <u>It</u>					100
Agency or	organization	n name: DRMS					
EQUIPMENT TH	RANSPOR	<u>T RIG COST</u>					
					Shift ba	sis: 1 per da	v
					Cost Data Sou		
					Cost Duit Sou		
Truck	Fractor Desc	ription: GENE	RIC ON-HIGHV	VAY TR	UCK TRACTO	DR, 6X4, DIESEL	L POWERED,
				400 HF	(2ND HALF,	2006)	
Truck	Trailer Desc	ription: G	ENERIC FOLD			ROP DECK EQU	IPMENT
		inputtition of			(25T, 50T, AN		
			1	IU IILLIU	(201,001,11	(D 1001)	
Cost Breakdown:							
Available Rig Ca		0-25 Tons	26-50 Tons		+ Tons		
Ownership (\$10.44	\$22.18		23.94		
Operating (Cost/Hour	\$26.48	\$54.55	2	EE (E		
					55.65		
Operator C	Cost/Hour:	\$22.52	\$22.52		22.52		
				\$			
	Cost/Hour: Cost/Hour:	\$22.52	\$22.52	\$	22.52		
Helper (Cost/Hour: Cost/Hour: Cost/Hour:	\$22.52 \$0.00 \$59.44	\$22.52 \$23.53	\$	22.52 23.53		
Helper (Total Unit (Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN	\$22.52 \$0.00 \$59.44	\$22.52 \$23.53	\$	22.52 23.53	Return Trip	DOT Permit
Helper (Total Unit (Cost/Hour: Cost/Hour: Cost/Hour:	\$22.52 \$0.00 \$59.44 MENT:	\$22.52 \$23.53 \$122.78	\$ \$ \$1	22.52 23.53 25.64	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Helper (Total Unit C NON ROADABL Machine	Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit	\$22.52 \$0.00 \$59.44 MENT: Owner ship	\$22.52 \$23.53 \$122.78 Haul Rig	\$ \$ \$ Fleet	22.52 23.53 25.64 Haul Trip Cost/hr/	Return Trip Cost/hr/ fleet	
Helper (Total Unit C NON ROADABL Machine	Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/	\$22.52 \$0.00 \$59.44 MENT: Owner ship	\$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni	\$ \$ \$ Fleet	22.52 23.53 25.64 Haul Trip	Return Trip Cost/hr/ fleet \$59.44	
Helper (Total Unit (NON ROADABL Machine Description Submersible pump	Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS)	\$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit	\$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t	\$ \$	22.52 23.53 25.64 Haul Trip Cost/hr/ fleet \$68.23 \$340.64	Cost/hr/ fleet	Cost/ fleet
Helper (Total Unit (NON ROADABL Machine Description Submersible pump - 460v, 6 in. Cat 307D 7'-3" Stick Cat D8T - 8SU	Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS) 0.45 7.95 53.08	\$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit \$8.79	\$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t \$59.44	s s fleet Size	22.52 23.53 25.64 Haul Trip Cost/hr/ fleet \$68.23 \$340.64 \$626.98	Cost/hr/ fleet \$59.44	Cost/ fleet \$250.00
Helper (Total Unit (NON ROADABL Machine Description Submersible pump - 460v, 6 in. Cat 307D 7'-3" Stick	Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS) 0.45 7.95	\$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit \$8.79 \$281.20	\$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t \$59.44 \$59.44	\$ \$	22.52 23.53 25.64 Haul Trip Cost/hr/ fleet \$68.23 \$340.64	Cost/hr/ fleet \$59.44 \$59.44	Cost/ fleet \$250.00 \$250.00
Helper (Total Unit (NON ROADABL Machine Description Submersible pump - 460v, 6 in. Cat 307D 7'-3" Stick Cat D8T - 8SU	Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS) 0.45 7.95 53.08	\$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit \$8.79 \$281.20 \$187.85	\$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t \$59.44 \$59.44 \$125.64	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	22.52 23.53 25.64 Haul Trip Cost/hr/ fleet \$68.23 \$340.64 \$626.98	Cost/hr/ fleet \$59.44 \$59.44 \$251.28	Cost/ fleet \$250.00 \$250.00 \$750.00
Helper C Total Unit C NON ROADABL Machine Description Submersible pump - 460v, 6 in. Cat 307D 7'-3" Stick Cat D8T - 8SU Drill/Broadcast	Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS) 0.45 7.95 53.08 25.00	\$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit \$8.79 \$281.20 \$187.85 \$41.02	\$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t \$59.44 \$59.44 \$125.64 \$59.44	\$ \$	22.52 23.53 25.64 Haul Trip Cost/hr/ fleet \$68.23 \$340.64 \$626.98 \$100.46	Cost/hr/ fleet \$59.44 \$59.44 \$251.28 \$59.44	Cost/ fleet \$250.00 \$250.00 \$750.00 \$250.00
Helper C Total Unit C NON ROADABL Machine Description Submersible pump - 460v, 6 in. Cat 307D 7'-3" Stick Cat D8T - 8SU Drill/Broadcast Seeder with	Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS) 0.45 7.95 53.08	\$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit \$8.79 \$281.20 \$187.85	\$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t \$59.44 \$59.44 \$125.64	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	22.52 23.53 25.64 Haul Trip Cost/hr/ fleet \$68.23 \$340.64 \$626.98	Cost/hr/ fleet \$59.44 \$59.44 \$251.28	Cost/ fleet \$250.00 \$250.00 \$750.00

 Subtotals:
 \$1,657.74
 \$671.26
 \$2,250.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 30K GVW	\$94.44	1	\$94.44	\$94.44
Light Duty Pickup, 4x4, 1 T. Crew	\$130.54	2	\$261.08	\$261.08

Subtotals: \$355.52

\$355.52

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	GRAND JUNCTION 120.00 50.00	_ miles _ mph
Total Non-Roadable Mob/Demob Cost *	\$18,994.68	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$1,706.50	_

Transportation Cycle Time:

Non-	
Roadable	Roadable
Equipment	Equipment
2.40	2.40
2.40	2.40
0.50	NA
0.50	NA
5.80	4.80
	Roadable Equipment 2.40 2.40 0.50 0.50

Total job time:	11.60	Hours
Total job cost:	\$20,701	

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Piceance Pit		Permit	Action: <u>SO-6</u>]	Permit/Job#: <u>M</u>	2001077
PROJECT IDEN	NTIFICATI	ON					
Task #: 10B		State: Co	olorado		Abbre	eviation: None	
Date: 10/3 User: AC	31/2024 Y	County: Ri	o Blanco		Fi	ilename: M077	7-10b
Agency of	r organization	n name: DRMS					
EQUIPMENT T	RANSPOR	<u>T RIG COST</u>					
				C	Shift ba Cost Data Sour		
Truck	Tractor Desc	ription: GENE	RIC ON-HIGH		CK TRACTO (2ND HALF,	DR, 6X4, DIESEI 2006)	L POWERED,
Truck	Trailer Desc	ription: G			,	ROP DECK EQU	IPMENT
Truck	Trailer Desc	ription: G			SENECK, DF (25T, 50T, AN	•	IPMENT
Truck Cost Breakdown:	t Trailer Desc	ription: G			,	•	IPMENT
		0-25 Tons		TRAILER (,	•	IPMENT
<u>Cost Breakdown:</u> Available Rig Ca Ownership	apacities Cost/Hour:	0-25 Tons \$10.44	7	<u>51+</u>	25T, 50T, AN Tons 3.94	•	IPMENT
Cost Breakdown: Available Rig Ca Ownership Operating	apacities Cost/Hour: Cost/Hour:	0-25 Tons \$10.44 \$26.48	26-50 Tons \$22.18 \$54.55	TRAILER (51+ \$2 \$5 \$5	Tons 3.94 5.65	•	IPMENT
Cost Breakdown: Available Rig Ca Ownership Operating Operator	apacities Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons \$10.44 \$26.48 \$22.52	26-50 Tons \$22.18 \$54.55 \$22.52	TRAILER (51+ \$2 \$5 \$2 \$2	Tons 3.94 5.65 2.52	•	IPMENT
Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper	apacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53	TRAILER (51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$ \$ \$ \$ \$ \$	Tons 3.94 5.65 2.52 3.53	•	IPMENT
Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper	apacities Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons \$10.44 \$26.48 \$22.52	26-50 Tons \$22.18 \$54.55 \$22.52	TRAILER (51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$ \$ \$ \$ \$ \$	Tons 3.94 5.65 2.52	•	IPMENT
Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper	Description Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53	TRAILER (51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$ \$ \$ \$ \$ \$	Tons 3.94 5.65 2.52 3.53	•	IPMENT
Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper Total Unit	Description Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53	TRAILER (51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$ \$ \$ \$ \$ \$	Tons 3.94 5.65 2.52 3.53	ND 100T)	DOT Permit
Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper Total Unit	apacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT:	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78	STRAILER (51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2 \$2	Tons 3.94 5.65 2.52 3.53 25.64	ND 100T)	
Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADABI Machine	Description Descr	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT: Owner ship	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni	STRAILER (51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2 \$12 \$12 \$12	Tons 3.94 5.65 2.52 3.53 25.64	ND 100T)	DOT Permit

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	\$130.54	2	\$261.08	\$261.08
		Subtotals:	\$261.08	\$261.08

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	GRAND JUNCTION	
Total one-way travel distance:	120.00	miles
Average Travel Speed:	50.00	mph
Total Non-Roadable Mob/Demob Cost *	\$1,468.44	
* two round trips with haul rig:	φ1,400.44	_
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$1,253.18	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	2.40	2.40
Return Time (Hours):	2.40	2.40
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	5.80	4.80

JOB TIME AND COST

Total job time: **11.60** Hours

Total job cost: _____\$2,722