

# Memo to File

Date: October 1, 2020

To: Whom it May Concern

From: Lucas West, DRMS

RE: Revenue Mine; DRMS File No. M-2012-032; Memo to File

To Whom it May Concern,

The Enclosed reclamation cost estimate worksheets are based on the details of Technical Revision 11. The currently held Financial Warranty is sufficient to achieve reclamation of the site in accordance with the Act, Rules and Regulations and the Approved Reclamation Plan. No Surety increased is required at this time.

Sincerely, DRMS Minerals Staff



#### COST SUMMARY WORK

]	Fask descrip	otion:	TR-11 Update					
Site:	Revenue	Mine	Per	rmit Action:	TR-11	Permit/Jol	o#: <u>M2012032</u>	
<u>P</u> ]		<u>IDENTIFIC</u> ACY	ATION State:	Colorado		Abbreviation:	None	
	Date: User:	6/29/2020 ACY	County:	Ouray		Filename:	M032-ACY	
	-		zation name: DF	RMS				

TASK LIST (DIRECT COSTS)

Ta al-		Form	Fleet	Task	
Task	Description	Used	Size	Hours	Cost
01a	Removal of Permanent Structures and Surface	DEMOLISH	1	120.00	\$67,394
	Debris				
01b	Disposal of Chemicals-Per AM-1	DEMOLISH	1	0.00	\$14,579
02a	Contour portal backfill areas	DOZER	1	23.10	\$7,530
02b	Reinforce gate at Revenue Portal	MINESEAL	1	40.00	\$3,000
03a	Shaft foundation and structure removal	DEMOLISH	1	80.00	\$37,668
03b	Vent Shaft Closure-Cut Casing	BOREHOLE	1	10.00	\$204
03c	Vent Shaft Closure-Place Seal	MINESEAL	1	72.00	\$2,927
03d	Vent Shaft Closure- Excavate & Bury	EXCAVATE	1	0.93	\$157
04a	Minor site grading	DOZER	1	8.31	\$2,709
05a	Import Topsoil-Purchase & Delivered	NA	1	250.00	\$176,000
05b	Spread Topsoil on TSF	DOZER	1	5.20	\$1,695
05d	Spread Caprock on TSF	DOZER	1	19.97	\$6,512
06a	Reveg TSF	REVEGE	1	30.00	\$8,619
06b	Reveg Vent Shafts	REVEGE	1	10.00	\$4,209
07a	Initial Mobilization	MOBILIZE	1	11.14	\$8,003
07b	Secondary Mobilization	MOBILIZE	1	7.14	\$1,638
		SUBTO	TALS	687.79	\$342,844

#### **INDIRECT COSTS**

#### OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$6,925
Performance bond:	1.05	Total =	\$3,600
Job superintendent:	343.89	Total =	\$23,918
Profit:	10.00	Total =	\$34,284
		TOTAL O & P =	\$68,727
		CONTRACT AMOUNT (direct + $O \& P$ ) =	\$411,571

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$0	Total =	\$0
Engineering work and/or contract/bid preparation:	4.25	Total =	\$17,492
Reclamation management and/or administration:	5.00		\$20,579
CONTINGENCY:	3.00	Total =	\$10,285

TOTAL INDIRECT COST = \$117,083

TOTAL BOND AMOUNT (direct + indirect) = \$459,927

#### **DEMOLITION WORK**

Т	Task description:	Removal of	Permanent Str	uctures and Surf	face Debris	
Site:	Revenue Mine		Permit Action:	TR-11	Permit/J	lob#: <u>M2012032</u>
<u>PROJEC</u>	CT IDENTIFICATION	<u>N</u>				
Task #: Date:		State: County:	Colorado Ouray		Abbreviation: Filename:	None M032-01a
User:		County.	Ouray		Phename.	W1032-01a
	Agency or organizat	ion name:	DRMS			

#### UNIT COSTS

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Remove Diesel Strage Tank	10,000 gal	Haul tank to certified salvage dump - 3,000 to 5,000 gal. tank	2.00	EA	\$760.00	\$1,520.00
Diesel Filling Station	TR-11 PAR Pg. 25	USER PROVIDED ITEM	1.00	EA	\$500.00	\$500.00
Administration Bldg- Internal Contents Only	TR-11 Table L- 2	USER PROVIDED ITEM	1.00	EA	\$3,600.00	\$3,600.00
Air Compressor Bldg-Internal Contents Only	TR-11 Table L- 2	USER PROVIDED ITEM	1.00	EA	\$2,000.00	\$2,000.00
Propane Storage Bldg A	TR-1 PAR pg. 25	USER PROVIDED ITEM	1.00	EA	\$750.00	\$750.00
Propane Storage Bldg C	TR-11 PAR pg. 25	USER PROVIDED ITEM	1.00	EA	\$750.00	\$750.00
Vent Fan	TR-11 PAR pg. 25	USER PROVIDED ITEM	1.00	EA	\$500.00	\$500.00
Rail Yard Track & Ties	TR-11 PAR pg.25	Railroad track - Ties and track	400.00	LF	\$9.56	\$3,824.00
Rail Yard & Battery Charging Bldg- Contents Only	TR-11 PAR pg. 25	USER PROVIDED ITEM	1.00	EA	\$1,400.00	\$1,400.00
Underground Warehouse and Shop	TR-11 PAR pg.25	USER PROVIDED ITEM	1.00	EA	\$500.00	\$500.00
Concentrator & Filter Bldg- Internal Contents Only	TR-11 PAR pg.25	USER PROVIDED ITEM	1.00	EA	\$8,000.00	\$8,000.00
Waste Storeage Pad & Secondary Containment	TR-11 PAR pg.25	USER PROVIDED ITEM	1.00	EA	\$4,000.00	\$4,000.00
Tailings Thickener - Tank Cut Up	TR-11 PAR pg.25	USER PROVIDED ITEM	1.00	EA	\$5,000.00	\$5,000.00
Tailings Thickener- Cement Pad and Piping	TR-11 PAR pg. 25	USER PROVIDED ITEM	1.00	EA	\$23,011.20	\$23,011.20
Materials Storage Connex	TR-11 PAR pg. 25	USER PROVIDED ITEM	1.00	EA	\$500.00	\$500.00
Crusher & Retaining Wall	TR-11 PAR pg. 25	USER PROVIDED ITEM	1.00	EA	\$4,000.00	\$4,000.00
Portal Cover Structure	TR-11 PAR pg.25	USER PROVIDED ITEM	1.00	EA	\$4,080.00	\$4,080.00
Half-Culvert	TR-11 PAR Table L-1	USER PROVIDED ITEM	1.00	EA	\$7,840.00	\$7,840.00
Water Tanks	TR-11 PAR	USER PROVIDED	4.00	EA	\$150.00	\$600.00

#### Location adjustment: 87.60 %

Demo Worksheet Cont'd

	pg.25	ITEM				
Misc Debris-Disposal	TR-11 PAR	Dump fees - Building	150.00	CY	\$11.10	\$1,665.00
	pg.25	construction materials.				
Misc Debris-	TR-11 PAR pg.	Hauling only, per mile,	390.00	MI	\$7.42	\$2,893.80
Transport	25	12-18 CY truck - 30				
		mph average speed				

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	120.00	(unadjusted):	\$76,934.00	location):	\$67,394.18

#### **DEMOLITION WORK**

Т	ask description:	Disposal of	Chemicals-Per	AM-1		
Site:	Revenue Mine		Permit Action:	TR-11	Permit/J	lob#: <u>M2012032</u>
<u>PROJEC</u>	CT IDENTIFICATION	N				
Task #:	01B	State:	Colorado		Abbreviation:	None
Date:	6/29/2020	County:	Ouray		Filename:	M032-01b
User:	ACY					
	Agency or organizat	ion name:	DRMS			

#### UNIT COSTS

# Location adjustment: 87.60 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Potassium Amxl Xanthate	1.5 (55 gal Drum)	Hazardous waste removal - Drum solids/liquids, per drum, (1-6 drum job)	2.00	DRUM	\$587.78	\$1,175.56
Copper (II) Sulfate Anhydrous	9 (50 lb bags)	Hazardous waste removal - Bulk solids, small quantities (up to 1.5 tons)	0.23	TON	\$2,187.83	\$492.26
Zinc Sulfate Heptahydrate	9 (50lb bags)	Hazardous waste removal - Bulk solids, small quantities (up to 1.5 tons)	0.23	TON	\$2,187.83	\$503.20
Flottec E120 Frother	1.5 (55 gal Drum)	Dispose of tank sludge off-site - Average	82.50	GAL	\$6.25	\$515.63
Hi-Cal Hydrate	150 (50 lb bags)	Hazardous waste removal - Bulk solids, large quantities (over 1.5 tons)	3.75	TON	\$1,802.62	\$6,759.83
Flotecc or Dow Frother 534	1.5 (55 gal Drum)	Dispose of tank sludge off-site - Average	82.50	GAL	\$6.25	\$515.63
Sodium Hydroxide	1.5 (250 gal tote)	Hazardous waste removal - Bulk liquids, small quantities (to 2,500 gal.)	375.00	GAL	\$2.61	\$978.75
Sulfuric Acid (73- 98%)	1.5 (55 gal Drum)	Hazardous waste removal - Drum solids/liquids, per drum, (1-6 drum job)	2.00	DRUM	\$587.78	\$1,175.56
Perlite	40 (30lb bags)	Hazardous waste removal - Bulk solids, small quantities (up to 1.5 tons)	0.60	TON	\$2,187.83	\$1,312.70
Pebble/Burnt Lime	48 (50 lb bags)	Hazardous waste removal - Bulk solids, small quantities (up to 1.5 tons)	1.20	TON	\$2,187.83	\$2,625.40
Orfom D8 Depressant	1 (55 gal Drum)	Hazardous waste removal - Drum solids/liquids, per drum, (1-6 drum job)	1.00	DRUM	\$587.78	\$587.78

				<b>Total Cost</b>	
		Subtotal		(adjusted for	
Job Hours:	0.00	(unadjusted):	\$16,642.30	location):	\$14,578.65

#### BULLDOZER WORK

Task description:	Contour portal b	ackfill areas	8		
: Revenue Mine	Perm	nit Action:	TR-11	Permit/Job#:	M2012032
PROJECT IDENTIF	FICATION				
Task #: 02A	State:	Colorado		Abbreviation:	None
Date: 9/30/2020	County:	Ouray		Filename:	M032-02a
User: ACY					
Agency or orga	anization name: DR	MS			
HOURLY EQUIPM	ENT COST				
	at D9T - 9SU				
Horsepower: 40					
	emi-Universal				
Attachment: <u>NA</u> Shift Basis: 1 r	A per day		_		
	Per day (RG)		_		
	.NU)		_		
Cost Breakdown:		1			
Ownership Cost/Hours		\$156.88	<u>Utilization %</u> NA		
Ownership Cost/Hour: Operating Cost/Hour:		\$136.88	100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$41.30	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN	\$326.04 <b>\$326.04</b> <b>TITIES</b>				
Total Fleet Cost/Hour: <u>MATERIAL QUAN</u> Initial Volume:3,32	<b>\$326.04</b> <b><u>TITIES</u></b> 28				
Total Fleet Cost/Hour: <u>MATERIAL QUAN</u> Initial Volume: <u>3,32</u> Swell factor: <u>1.16</u>	<b>\$326.04</b> <b><u>TITIES</u></b> 28				
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 3,32 Swell factor: 1.16 Loose volume: 3,82	\$326.04 TITIES 28 65 77 LCY				
Total Fleet Cost/Hour: <u>MATERIAL QUAN</u> Initial Volume: 3,32 Swell factor: 1.16 Loose volume: 3,87 Source of estimated volu	\$326.04 <u>TITIES</u> 28 65 77 LCY ume:				
Total Fleet Cost/Hour:         MATERIAL QUAN'         Initial Volume:       3,32         Swell factor:       1.16         Loose volume:       3,87	\$326.04 <u>FITIES</u> 28 65 77 LCY 1me:				
Total Fleet Cost/Hour:         MATERIAL QUAN?         Initial Volume:       3,32         Swell factor:       1.16         Loose volume:       3,87         Source of estimated volu	\$326.04 <u>TITIES</u> 28 65 77 LCY Ime: <u>TR-11 inp</u> 11 factor: <u>Cat Handt</u>				
Total Fleet Cost/Hour:         MATERIAL QUAN?         Initial Volume:       3,32         Swell factor:       1.16         Loose volume:       3,82         Source of estimated volu       Source of estimated swell         HOURLY PRODUCC       100	\$326.04 <b>TITIES</b> 28 65 77 LCY 1me: TR-11 inp 11 factor: Cat Handb <b>TIION</b>				
Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 3,32 Swell factor: 1.16 Loose volume: 3,87 Source of estimated volu Source of estimated volu Source of estimated swell HOURLY PRODUC Average push distance:	\$326.04         TITIES         28         65         77 LCY         Ime:       TR-11 inp         Il factor:       Cat Handb         TTION         _235 feet	book			
Total Fleet Cost/Hour:         MATERIAL QUAN         Initial Volume:       3,32         Swell factor:       1.16         Loose volume:       3,82         Source of estimated volu       Source of estimated swell         HOURLY PRODUCC       100	\$326.04         TITIES         28         65         77 LCY         ime:       TR-11 inp         11 factor:       Cat Handb         TTION         action:       235 feet         588.4 LCY/1	book	   r blasted 0.8		
Total Fleet Cost/Hour: MATERIAL QUANY Initial Volume: 3,32 Swell factor: 1.16 Loose volume: 3,87 Source of estimated volu Source of estimated volu Source of estimated swel HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de	\$326.04         TITIES         28         65         77 LCY         ime:       TR-11 inp         11 factor:       Cat Handb         TION         action:       235 feet         588.4 LCY/I         escription:       Rock, w	book hr			
Total Fleet Cost/Hour: MATERIAL QUANY Initial Volume: 3,32 Swell factor: 1.16 Loose volume: 3,87 Source of estimated volu Source of estimated volu Source of estimated swel HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient:	\$326.04         TITIES         28         65         77 LCY         ime:       TR-11 inp         11 factor:       Cat Handb         TION         action:       235 feet         isscription:       Rock, w         5 %	book hr	  r blasted 0.8		
Total Fleet Cost/Hour:         MATERIAL QUANY         Initial Volume:       3,32         Swell factor:       1.16         Loose volume:       3,87         Source of estimated volu       3,87         Source of estimated volu       Source of estimated swell         HOURLY PRODUC       Average push distance:         Unadjusted hourly produ       Materials consistency de         Average push gradient:       Average site altitude:	\$326.04         TITIES         28         65         77 LCY         ame:       TR-11 inp         11 factor:       Cat Handb         TTION         action:       235 feet         action:       588.4 LCY/I         escription:       Rock, w         5 %       10,650 feet	book hr	  r blasted 0.8		
Total Fleet Cost/Hour: MATERIAL QUANY Initial Volume: 3,32 Swell factor: 1.16 Loose volume: 3,87 Source of estimated volu Source of estimated volu Source of estimated swell HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight:	\$326.04 <b>TITIES</b> 28         65         77 LCY         ime:       TR-11 inp         11 factor:       Cat Handb <b>TTION</b> action:       235 feet         scription:       Rock, w         5 %         10,650 feet         2,900 lbs/LCY	book hr vell ripped of			
Total Fleet Cost/Hour:         MATERIAL QUANY         Initial Volume:       3,32         Swell factor:       1.16         Loose volume:       3,87         Source of estimated volu       3,87         Source of estimated volu       3,87         Source of estimated volu       3,87         Materials consistency       400         Average push distance:       100         Unadjusted hourly product       100         Materials consistency de       100         Average push gradient:       100         Average site altitude:       100         Material weight:       100         Weight description:       100	\$326.04 <b>TITIES</b> 28         65         77 LCY         ame:       TR-11 inp         11 factor:       Cat Handb <b>TTION</b> action:       235 feet         action:       588.4 LCY/I         escription:       Rock, w         5 %       10,650 feet         2,900 lbs/LCY       Decomposed rock	book hr vell ripped of	50% Earth		
Total Fleet Cost/Hour:         MATERIAL QUANY         Initial Volume:       3,32         Swell factor:       1.16         Loose volume:       3,82         Source of estimated volu       3,82         Source of estimated volu       3,82         Materials consistency de       Average push distance:         Unadjusted hourly produ       Materials consistency de         Average push gradient:       Average site altitude:         Material weight:       Weight description:         Job Condition Correction       Job Condition Correction	\$326.04         TITIES         28         65         77 LCY         ame:       TR-11 inp         11 factor:       Cat Handb         TTION         action:       235 feet         action:       588.4 LCY/l         escription:       Rock, w         5 %       10,650 feet         2,900 lbs/LCY       Decomposed rock -         n Factor       10,650 feet	book hr vell ripped of 	50% Earth		
Total Fleet Cost/Hour: MATERIAL QUANY Initial Volume: 3,32 Swell factor: 1.16 Loose volume: 3,87 Source of estimated volu Source of estimated volu Source of estimated swell HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator	\$326.04 <b>IITIES</b> 28         65         77 LCY         ime:       TR-11 inp         Il factor:       Cat Handb <b>TION</b> action:       235 feet         inction:       588.4 LCY/l         escription:       Rock, w         5 %       10,650 feet         2,900 lbs/LCY       Decomposed rock -         n Factor       0.7	hr vell ripped of - 50% Rock, 750	50% Earth Source (AVG.)		
Total Fleet Cost/Hour:         MATERIAL QUANY         Initial Volume:       3,32         Swell factor:       1.16         Loose volume:       3,82         Source of estimated volu       3,82         Source of estimated volu       3,82         Materials consistency de       Average push distance:         Unadjusted hourly produ       Materials consistency de         Average push gradient:       Average site altitude:         Material weight:       Weight description:         Job Condition Correction       Job Condition Correction	\$326.04 <b>TITIES</b> 286577 LCYime:TR-11 inp11 factor:Cat Handb <b>TION</b> action: $235$ feetaction: $588.4$ LCY/Iescription:Rock, w $5\%$ 10,650 feet2,900 lbs/LCYDecomposed rock $n$ Factor0.5 $ractor:0.5$	book hr vell ripped of 	50% Earth		

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:	0.793	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.2853	
Adjusted unit production: 16	57.87 LCY/hr	
Adjusted fleet production: 16	57.87 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$1.942/LCY

Total job time:	23.10 Hours
Total job cost:	\$7,530

#### SAFEGUARDING UNDERGROUND OPENINGS

1	Task description:	Reinforce g	gate at Revenue	Portal		
Site:	Revenue Mine		Permit Action:	TR-11	Permit/.	Job#: <u>M2012032</u>
<u>PROJE</u>	CT IDENTIFICATION	<u>1</u>				
Task #: Date: User:	9/30/2020	State: County:	Colorado Ouray		Abbreviation: Filename:	None M032-02b
	Agency or organizat	ion name:	DRMS			
<u>UNIT C</u>	<u>COSTS</u>					

Opening Description	Dimensions	Closure Method	Quantity	Unit	Unit Cost	Total Cost
Revenue Gate	TR-11 PAR Table L-1	USER PROVIDED ITEM	1.00	EA	\$3,000.00	\$3,000.00

Job Hours: \_\_\_\_\_ 40.00

Total Cost: \$3,000.00

#### **DEMOLITION WORK**

Task descriptio	n: Shaft	foundation and structure	removal			
Site: <b>Revenue Min</b>	e	Permit Action: TR	R-11		Permit/Job#:	M2012032
PROJECT IDENTIE	FICATION					
Task #:         03A           Date:         7/6/2020           User:         ACY           Agency		State: <u>Colorado</u> unty: <u>Ouray</u> ne: DRMS			viation: <u>No</u> ename: <u>M0</u>	ne
<u>UNIT COSTS</u>				<u>Locat</u>	ion adjustmer	nt: 87.60 %
Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
960 Raise Shaft- Superstructure & foundation	TR-11 PAR Demo	USER PROVIDED ITEM	1.00	EA	\$14,333.33	\$14,333.33
Yellow Rose Shaft- Superstructure & foundation	TR-11 PAR Demo	USER PROVIDED ITEM	1.00	EA	\$14,333.33	\$14,333.33
Monogahela Shaft- Superstructure & Foundation	TR-11 PAR Demo	USER PROVIDED ITEM	1.00	EA	\$14,333.33	\$14,333.33

				<b>Total Cost</b>	
		Subtotal		(adjusted for	
Job Hours:	80.00	(unadjusted):	\$42,999.99	location):	\$37,667.99

#### BOREHOLE SEALING WORK

Т	ask description:	Vent Shaft Closure-Cut Ca	sing		
Site:	Revenue Mine	Permit Action:	TR-11	Permit/.	Job#: <u>M2012032</u>
<u>PROJEC</u>	T IDENTIFICATI	<u>ON</u>			
Task #:	03B	State: Colorado		Abbreviation:	None
Date:	7/6/2020	County: Ouray		Filename:	M032-03b
User:	ACY				
	Agency or organ	ization name: DRMS			

# UNIT COSTS

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
960 Raise- Cut Casing	Exposed casing removal - Calculate Circumference in Linear Feet	72	18.8	18.80	LF	\$3.26	\$61.29
Yellow Rose Shaft- Cut casing	Exposed casing removal - Calculate Circumference in Linear Feet	72	18.8	18.80	LF	\$3.26	\$61.29
Monogahela Shaft (escape)- Cut Casing	Exposed casing removal - Calculate Circumference in Linear Feet	96	25.1	25.10	LF	\$3.26	\$81.83

Job Hours: 10.00

Total Cost: \$204.00

#### SAFEGUARDING UNDERGROUND OPENINGS

,	Task description:	Vent Shaft	<b>Closure-Place S</b>	eal			
Site:	Revenue Mine		Permit Action:	TR-11	Permit/J	Job#: _]	M2012032
<u>PROJE</u>	CT IDENTIFICATION	N					
Task #:		State:	Colorado		Abbreviation:	None	
Date:		County:	Ouray		Filename:	M032	-03c
User:	ACY						
	Agency or organizat	tion name:	DRMS				

#### **UNIT COSTS**

Opening Description	Dimensions	Closure Method	Quantity	Unit	Unit Cost	Total Cost
960 Raise- Plate	6' x 6'	Shaft closure - grate (per sq. ft.)	36.00	SF	\$19.67	\$708.12
Yellow Rose Shaft- Plate	6' x 6'			SF	\$19.67	\$708.12
Monogahela Shaft (escape)- Plate	8' x 8'	Shaft closure - grate (per sq. ft.)	64.00	SF	\$19.67	\$1,258.88
960 Raise- Cement Cap	6' x 6' x 6"	Shaft closure - concrete cap, poured-in-place (per Cubic Feet)	18.00	CF	\$3.70	\$66.67
Yellow Rose Shaft- Cement Cap	6' x 6' x 6"	Shaft closure - concrete cap, poured-in-place (per Cubic Feet)	18.00	CF	\$3.70	\$66.67
Monogahela Shaft (escape)- Cement Cap	8' x 8' x 6"	Shaft closure - concrete cap, poured-in-place (per Cubic Feet)	32.00	CF	\$3.70	\$118.52

Job Hours: 72.00

Total Cost: \$2,926.98

#### HYDRAULIC EXCAVATOR WORK

Task description:	Vent	Shaft Closu	ire- Excavat	te & Bury			
Revenue Mine		Peri	mit Action:	TR-11	Pe	ermit/Job#:	M2012032
PROJECT IDENT	TIFICATIO	N					
Task #:         03D           Date:         7/6/202           User:         ACY	0	State: County:	Colorado Ouray			reviation: Filename:	None M032-03d
Agency or o	rganization n	ame: DR	RMS				
HOURLY EQUIP	MENT CO	<u>ST</u>					
Basic Machine Attachment 1		D L 10'-6" bab	Stick		Horsepower: Weight (MT): Shift Basis: Data Source:	2 1 p	268 29.30 per day CRG)
Cost Breakdown:			1				
Ownership Co Operating Co Operator Co	ost/Hour:	\$60.6 \$69.5 \$37.3	53	Utilization % NA 100 NA			
Total Unit Co		\$167.					
Total Fleet C	ost/Hour:	\$167	.52				
	153 178 ce of estimat		CCY LCY TR-11 Se	Swell factors and see 3.2	tor: <u>1.165</u>		
Source o	f estimated s	well factor:	Cat Hand	lbook			
HOURLY PRODU	<u>e (load bucke</u> Secon	-	Basic Job C	oucket, swing emp ondition Descrip in Basic Descrip Cycle Time Va	tion: BELOV tion: SEVER	V AVERAG E	GE
Load Bucket Capacity	<u>/</u>						
Rated Capa Bucket Fill Fa Adjusted Capa	ctor:	1.56 1.025 <b>1.60</b>	LCY (he Rock - E LCY	aped) arth Mixture (100	Bucket Size () 0%-105%) 1.025		nall
Job Condition Correct	tion Factors			Site	e Altitude: <u>1065</u>	<u>0</u> feet	
Altitude Adj Job Efficiency Net Correction	: 0.8 : 0.7 Unadjusted H Adjusted H	33 77 Hourly Unit Hourly Unit	Source (CAT HI (1 shift/da multiplier Production: Production: Production:	3) ny)	LCY/Hour LCY/Hour LCY/Hour		
JOB TIME AND (	5	-					
Fleet size:	1	Excavato	or Te	otal job time:	0.94	L	Hours
Unit cost:	\$0.882	/LCY		Total job cost:	\$15'	7	

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#### BULLDOZER WORK

Task description:	Minor site gradi	ng			
: Revenue Mine	Peri	mit Action:	TR-11	Permit/Job#:	M2012032
PROJECT IDENT	<b>IFICATION</b>				
Task #: 04A	State:	Colorado		Abbreviation:	None
Date: $\frac{0.11}{9/30/202}$		Ouray		Filename:	M032-04a
User: ACY					
Agency or or	rganization name: DR	RMS			
HOURLY EQUIP	MENT COST				
Basic Machine:	Cat D9T - 9SU				
	405				
×1	Semi-Universal				
	NA		_		
	1 per day				
Data Source:	(CRG)				
Cost Breakdown:					
			Utilization %		
Ownership Cost/Hou		\$156.88	NA		
Operating Cost/Hou	ır:	\$127.87	100		
Ripper own. Cost/Hou		\$0.00	NA		
Ripper op. Cost/Hou		\$0.00	0		
Operator Cost/Hou	ır:	\$41.30	NA		
Total Fleet Cost/Hour	\$326.04 \$ <b>326.04</b>				
Total Fleet Cost/Hour	\$326.04				
MATERIAL QUA	: \$326.04 NTITIES ,045				
MATERIAL QUA Initial Volume: 3 Swell factor: 1	\$326.04 NTITIES ,045 .165				
MATERIAL QUA Initial Volume: 3 Swell factor: 1	: \$326.04 NTITIES ,045				
MATERIAL QUA Initial Volume: 3 Swell factor: 1	\$326.04 NTITIES ,045 .165 ,547 LCY	AR Table L-1			
MATERIAL QUA         Initial Volume:       3         Swell factor:       1         Loose volume:       3	: \$326.04 <u>NTITIES</u> ,045 .165 ,547 LCY plume: <u>TR-11 P</u>				
MATERIAL QUAN         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated volume       3         Source of estimated volume       3	: \$326.04 <u>NTITIES</u> ,045 .165 ,547 LCY plume: <u>TR-11 P</u> well factor: <u>Cat Hand</u>				
MATERIAL QUA         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated vo       5         Source of estimated sw       4         HOURLY PRODU       4	: \$326.04 <u>NTITIES</u> ,045 .165 ,547 LCY plume: <u>TR-11 PA</u> well factor: <u>Cat Hand</u> <u>VCTION</u>				
MATERIAL QUAT         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated volume:       3         Source of estimated volume:       3         HOURLY PRODU       Average push distance	: \$326.04 <u>NTITIES</u> ,045 .165 ,547 LCY plume: <u>TR-11 PA</u> well factor: <u>Cat Hand</u> <u>CTION</u> e: <u>90 feet</u>	book			
MATERIAL QUA         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated vo       5         Source of estimated sw       4         HOURLY PRODU       4	: \$326.04 <u>NTITIES</u> ,045 .165 ,547 LCY plume: <u>TR-11 PA</u> well factor: <u>Cat Hand</u> <u>CTION</u> e: <u>90 feet</u>	book			
MATERIAL QUAL         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated volume:       3         Source of estimated volume:       3         HOURLY PRODU       Average push distance	\$326.04         NTITIES         ,045         .165         ,547 LCY         olume:       TR-11 PA         well factor:       Cat Hand         VCTION         e:       90 feet         oduction:       1,351.7 LC	book			
MATERIAL QUAL         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated volume:       3         Source of estimated sw       3         HOURLY PRODU       4         Average push distance       3         Unadjusted hourly pro       3	\$326.04         NTITIES         ,045         .165         ,547 LCY         olume:       TR-11 P/         well factor:       TR-11 P/         Cat Hand         ICTION         e:       90 feet         oduction:       1,351.7 LC         description:       Rock, v	book Y/hr			
MATERIAL QUAL         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated volume       3         Source of estimated sw       4         HOURLY PRODU       4         Average push distance       9         Materials consistency       4         Average push gradient       1	\$326.04         NTITIES         ,045         .165         ,547 LCY         olume:       TR-11 P/         well factor:       Cat Hand         ICTION         e:       90 feet         oduction:       1,351.7 LC'         description:       Rock, w         t:       0 %	book Y/hr			
MATERIAL QUAL         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated volume       3         Source of estimated volume       3         MATERIAL QUAL       3         Source of estimated volume       3         Materials consistency       4         Average push gradient       4         Average site altitude:       5	\$326.04         NTITIES         ,045         .165         ,547 LCY         plume:       TR-11 PA         well factor:       Cat Hand         VCTION         e:       90 feet         pduction:       1,351.7 LCY         description:       Rock, w         t:       0 %         10,650 feet	book Y/hr well ripped or			
MATERIAL QUAL         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated volume:       3         Source of estimated volume:       3         Materials consistency       Average push gradient         Average push gradient       Average site altitude:         Material weight:       Material weight:	\$326.04         NTITIES         ,045         .165         ,547 LCY         plume:       TR-11 PA         well factor:       Cat Hand         VCTION         e:       90 feet         pduction:       1,351.7 LC         description:       Rock, w         t:       0 %         10,650 feet       2,900 lbs/LCY         Decomposed rock	book Y/hr well ripped or			
MATERIAL QUAL         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated volume:       3         Source of estimated volume:       3         Source of estimated volume:       3         Materials consistency       4         Average push distance       9         Materials consistency       4         Average push gradient       4         Average site altitude:       9         Material weight:       9         Weight description:       1         Job Condition Correct       1	\$326.04         NTITIES         ,045         .165         ,547 LCY         plume:       TR-11 PA         well factor:       Cat Hand         VCTION         e:       90 feet         pduction:       1,351.7 LC         description:       Rock, w         t:       0 %         10,650 feet         2,900 lbs/LCY         Decomposed rock         ion Factor	book Y/hr well ripped or	50% Earth		
MATERIAL QUAL         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated volume:       3         Source of estimated swell       3         HOURLY PRODUC       4         Average push distance       3         Unadjusted hourly proof       4         Materials consistency       4         Average push gradient       4         Average site altitude:       4         Material weight:       4         Weight description:       1         Job Condition Correct       0         Material cons       1	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	book Y/hr well ripped or - 50% Rock, 750 800	50% Earth <u>Source</u> (AVG.) (CAT HB)		
MATERIAL QUAL         Initial Volume:       3         Swell factor:       1         Loose volume:       3         Source of estimated volume:       3         Source of estimated swell       3         HOURLY PRODU       4         Average push distance       9         Unadjusted hourly proof       4         Materials consistency       4         Average push gradient       4         Average site altitude:       1         Material weight:       1         Weight description:       1         Job Condition Correct       0         Material cons       1         Dozing       1	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	book Y/hr well ripped or - 50% Rock, 750	50% Earth Source (AVG.)		

Job efficienc	y: 0.830	(1 SHIFT/DAY)
Spoil pil	e: 0.800	(FND-RF)
Push gradier	nt: 1.000	(CAT HB)
Altitud	e: 1.000	(CAT HB)
Material Weigh	it: 0.793	(CAT HB)
Blade typ	e: 1.000	(PAT)
Net correctio	n: 0.3159	
Adjusted unit production:	427.00 LCY/hr	
Adjusted fleet production:	427 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$0.764/LCY

Total job time:	8.31 Hours
Total job cost:	\$2,709

#### Cost Summary Work

Task description. Final Reclamation Cost Estimate: TR-11 Site Revenue Mine Perm

#### Permit Action. TR-011

Permit-Joint, NJ-2012-402

#### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fieet Size	Task Hours	Cost
Ola	Demolish and dispose of buildings and debris	DEMOLISH	1	120.00	\$110,405.07
02a	Dispose of mill chemicals	DEMOLISH	I	10.00	\$15,926.61
03a	Grade slopes to 3H:1 V max	DOZER	1	8 91	\$2,047.44
04a	Improve permanent portal closures	MINESEAL	I	132.00	\$\$,463.36
056	Purchase, deliver and dump topsoil from pemaitted source	NA	1	250.00	\$176,000.00
06a	Spread topsoil	DOZER	I	5.94	\$1,363.98
07a	Revegetate disturbed area	REVEGE	I	40.00	\$10,277.62
08a	Haul reclamation equipment to and from site	MOBILIZE	I	6.14	\$4,632.45
	·····				
			SUBTOTALS:	573.00	\$326,116.53

#### INDIRECT COSTS OVERHEAD AND ODC

Liability insurance:	2.02	Tota) =	\$6,587.55
Performance bond	1.05	Total =	\$3,424.22
Job superintendent:	329.91	Tota] =	\$24,099.56
Profit	10	Total =	\$32,611 65
		TOTAL O & P =	\$66,722.99
	CONTRACT AMO	UNT (direct + O & P)=	\$392,839.52

#### ENGINEERING - PROJECT MANAGEMENT

Financial warranty processing (legal/related costs)	500	Total =	00.0022
Engineering work and/or contract/bid preparation:	4%	Total =	\$13,859 95
Reclamation management and/or administration:	5%		\$16,305 83
CONTINGENCY	3%	Total =	\$9,783 50
		TOTAL INDIRECT COST	\$107,172.27
	TOTAL B	OND AMOUNT (direct + indirect)=	5433,288.80

# \*User Provided Cost, excupt from TR-11

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#### BULLDOZER WORK

D		-	F			
Revenue Mine		Permit Ac	ction:	TR-11	Permit/Job#:	M2012032
PROJECT IDEN	NTIFICATIO	<u>N</u>				
Task #:         05B           Date:         9/30/           User:         ACY		State: Cold County: Our	orado ay		Abbreviation: Filename:	None M032-05b
Agency of	r organization na	me: DRMS				
HOURLY EQUI	IPMENT COS	T				
Basic Machine:	Cat D9T - 95	U		_		
Horsepower:	405 Semi-Univers	<u></u>				
Blade Type: Attachment:	NA	al				
Shift Basis:	1 per day					
Data Source:	(CRG)					
	()					
Cost Breakdown:			I	Utilization %		
Ownership Cost/H	Hour:	\$15	56.88	NA		
Operating Cost/H			27.87	100		
Ripper own. Cost/H			50.00	NA		
Ripper op. Cost/H		\$	60.00	0		
Operator Cost/H	Hour:	\$4	1.30	NA		
Total Fleet Cost/Ho MATERIAL OU						
MATERIAL QU Initial Volume: Swell factor:						
MATERIAL QU Initial Volume:	4,001					
MATERIAL QU Initial Volume: Swell factor:	4,001 1.125 4,501 LCY					
MATERIAL QU Initial Volume: Swell factor: Loose volume:	<b>JANTITIES</b> 4,001         1.125 <b>4,501</b> LCY         l volume:	TR-11 PAR Cat Handbook				
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated	4,001           1.125           4,501 LCY           1 volume:           1 swell factor:	TR-11 PAR				
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI	<b>JANTITIES</b> 4,001         1.125 <b>4,501</b> LCY         I volume:         I swell factor:	TR-11 PAR Cat Handbook				
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated	JANTITIES         4,001         1.125         4,501 LCY         1 volume:         1 swell factor:         DUCTION         nce:       6	TR-11 PAR				
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista	JANTITIES         4,001         1.125         4,501 LCY         I volume:         swell factor:         DUCTION         nce:       6         production:       1	TR-11 PAR Cat Handbook	idated s	stockpile 1.1		
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista Unadjusted hourly	JANTITIES         4,001         1.125         4,501 LCY         I volume:         I swell factor:         DUCTION         nce:       6         production:       1         cy description:         ient:       0 %	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Partly consol	idated s			
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista Unadjusted hourly Materials consisten Average push gradi	JANTITIES         4,001         1.125         4,501 LCY         I volume:         1 swell factor:         1 swell factor:         DUCTION         nce:       6         production:       1         cy description:         ient:       0 %	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Partly consol	idated s			
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated <b>HOURLY PROI</b> Average push dista Unadjusted hourly Materials consisten Average push gradi Average site altitud	JANTITIES $4,001$ $1.125$ $4,501 LCY$ $4,501 LCY$ $1 \text{ volume:}$ $1 \text{ swell factor:}$ $1 \text{ swell factor:}$ $0 \text{ UCTION}$ nce: $6$ production: $1$ cy description:tent: $0 \%$ $10,650 \text{ fm}$ $2,550 \text{ lb}$	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Partly consol	idated	stockpile 1.1		
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated MOURLY PROI Average push dista Unadjusted hourly Materials consisten Average push gradi Average site altitud Material weight:	JANTITIES         4,001         1.125         4,501 LCY         I volume:         1 swell factor:         1 swell factor:         DUCTION         nce:       6         production:       1         cy description:         ient:       0 %         le:       10,650 f         2,550 lb         :       Earth - I	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Partly consol Feet s/LCY	idated s			
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated Moure of estimated Moure of estimated Materials consisten Average push gradi Average push gradi Average site altitud Material weight: Weight description Job Condition Corr Ope	<b>JANTITIES</b> 4,001         1.125 <b>4,501</b> LCY         I volume:         I swell factor:         I swell factor: <b>DUCTION</b> nce:       6         production:       1         cy description:         ient:       0 %         le:       10,650 fm	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Partly consol Feet s/LCY Dry packed 0.750	idated s	Source (AVG.)		
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated MOURLY PROI Average push dista: Unadjusted hourly Materials consisten Average push gradi Average site altitud Material weight: Weight description Job Condition Corr Ope Material c	<b>JANTITIES</b> 4,001         1.125 <b>4,501</b> LCY         I volume:         I swell factor:         I swell factor: <b>DUCTION</b> nce:       6         production:       1         cy description:         ient:       0 %         le:       10,650 fm         2,550 lb         :       Earth - 1         ection Factor         erator Skill:	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Partly consol Seet s/LCY Dry packed 0.750 1.100	idated s	<u>Source</u> (AVG.) (CAT HB)		
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated MOURLY PROI Average push dista: Unadjusted hourly Materials consisten Average push gradi Average site altitud Material weight: Weight description Job Condition Corr Ope Material c	<b>JANTITIES</b> 4,001         1.125 <b>4,501</b> LCY         I volume:         I swell factor:         I swell factor: <b>DUCTION</b> nce:       6         production:       1         cy description:         ient:       0 %         le:       10,650 fm	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Partly consol Feet s/LCY Dry packed 0.750	idated s	Source (AVG.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.4941	
Adjusted unit production: 86	56.06 LCY/hr	
Adjusted fleet production: 80	66.06 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$0.376/LCY

Total job time:	<b>5.20</b> Hours
Total job cost:	\$1,695

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#### BULLDOZER WORK

Task description:	Spread	Caprock on TSF			
Revenue Mine		Permit Action:	TR-11	Permit/Job#:	M2012032
PROJECT IDEN	TIFICATIO	N			
Task #: 05D		State: Colorado		Abbreviation:	None
Date: $9/30/2$	2020	County: Ouray		Filename:	M032-05d
User: ACY					11002 000
A gonov or	organization na	me: DRMS			
Agency of	organization na				
HOURLY EQUI	PMENT COS	<u>T</u>			
Basic Machine:	Cat D9T - 9S	U			
Horsepower:	405				
Blade Type:	Semi-Univers	al			
Attachment:	NA				
Shift Basis:	1 per day				
Data Source:	(CRG)				
Cost Breakdown:					
			Utilization %		
Ownership Cost/H		\$156.88	NA		
Operating Cost/H		\$127.87	100		
Ripper own. Cost/H		\$0.00	NA		
Ripper op. Cost/H	our:	\$0.00	0		
			37.4		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou	r: \$326.04 ur: <b>\$326.04</b>		NA		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Ho MATERIAL QU Initial Volume:	r: \$326.04 ur: <b>\$326.04</b> ANTITIES 8,002		NA		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor:	r: \$326.04 ur: <b>\$326.04</b> ANTITIES 8,002 1.215		NA		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume:	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY		NA		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume:	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume:	TR-11 PAR	NA		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume:	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume:		NA 		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor:	TR-11 PAR	NA		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: DUCTION	TR-11 PAR Cat Handbook			
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: DUCTION nce:6	TR-11 PAR Cat Handbook	NA 		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: DUCTION nce:6	TR-11 PAR Cat Handbook			
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: DUCTION nce:6 production:	TR-11 PAR Cat Handbook			
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: PUCTION nce: pucction: pucction:	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Rock, well ripped			
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: PUCTION nce: pucction: pucction:	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Rock, well ripped			
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: PUCTION nce: pucction: pucction:	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Rock, well ripped			
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p Materials consistence Average push gradie	r: $$326.04$ ur: $$326.04$ <b>ANTITIES</b> $8,002$ 1.215 <b>9,722</b> LCY         volume:         swell factor: <b>DUCTION</b> nce:       6         production:       1         cy description:         ent:       0 %         i.215       3,300 lb	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Rock, well ripped			
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated <b>HOURLY PROD</b> Average push distan Unadjusted hourly p Materials consistence Average push gradie Average site altitude Material weight: Weight description: <u>Iob Condition Corre</u>	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: DUCTION face:6 production:1 cy description: ent:0 % e:0 % factor:3,300 lb 0 becomp ection Factor	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Rock, well ripped feet  feet ss/LCY posed rock - 75% Rock	  or blasted 0.8 k, 25% Earth <u>Source</u>		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated Mource of estimated HOURLY PROD Average push distan Unadjusted hourly p Materials consistence Average push gradie Average site altitude Material weight: Weight description: Iob Condition Correct	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: DUCTION face:6 production:1 cy description: ent:0 % e:0 50 ff 3,300 lb 0 Decomp ection Factor rator Skill:	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Rock, well ripped feet ss/LCY posed rock - 75% Rock 0.750	 or blasted 0.8 k, 25% Earth <u>Source</u> (AVG.)		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated Source of estimated Mourly PROD Average push distan Unadjusted hourly p Materials consistence Average push gradie Average site altitude Material weight: Weight description: <u>Job Condition Corre</u> Oper Material co	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: DUCTION face:6 production:1 cy description: ent:0 % e:0 50 ff 3,300 lb  Decomp ection Factor rator Skill: possistency:	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Rock, well ripped feet  ss/LCY posed rock - 75% Roct 0.750 0.800	 or blasted 0.8 k, 25% Earth <u>Source</u> (AVG.) (CAT HB)		
Operator Cost/H Total unit Cost/Hou Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated Mourly PROD Average push distan Unadjusted hourly p Materials consistence Average push gradie Average site altitude Material weight: Weight description: Iob Condition Corree Oper Material co Dozin	r: \$326.04 ur: \$326.04 ANTITIES 8,002 1.215 9,722 LCY volume: swell factor: DUCTION face:6 production:1 cy description: ent:0 % e:0 50 ff 3,300 lb 0 Decomp ection Factor rator Skill:	TR-11 PAR Cat Handbook 5 feet ,752.8 LCY/hr Rock, well ripped feet ss/LCY posed rock - 75% Rock 0.750	 or blasted 0.8 k, 25% Earth <u>Source</u> (AVG.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.2777	
Adjusted unit production: 48	86.75 LCY/hr	
Adjusted fleet production: 48	<b>36.75</b> LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$0.670/LCY

Total job time:	<b>19.97</b> Hours
Total job cost:	\$6,512

# **REVEGETATION WORK**

Task descrij e: <u>Revenue</u>	•	Reveg TSF       Permit Action:	TR-11	Permit/Job	#: <u>M2012032</u>
PROJECT	IDENTIFIC	CATION			
Task #:	06A	State: Colorado		Abbreviation:	None
Date:	9/30/2020	County: Ouray		Filename:	M032-06a
	ACY				

#### **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
	\$
Total Tilling Cost/Acre	\$0.00

#### **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Paloma	2.96	9.58	\$32.93
Mountain Brome - Bromar	8.00	12.86	\$30.40
Sandberg Bluegrass - VNS	1.00	21.24	\$8.40
Rye, Winter - VNS	19.20	7.93	\$10.27
Sheep Fescue - Covar	2.88	44.96	\$17.57
Slender Wheatgrass - Native	5.60	20.44	\$25.90
Milk Vetch, Cicer - Monarch	1.92	6.39	\$15.74
Thickspike Wheatgrass - Critana	6.76	23.90	\$46.48
Flax, Lewis Blue	0.50	3.32	\$8.25

	\$5.02
157.91	\$200.96
	157.91

#### Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22
Total Seed Application Cost/Acre	\$267.22

#### **MULCHING and MISCELLANEOUS**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$2.92	\$2.92
Hydromulch, 1 ton/ac. rate {Materials Only}	1.00	ACRE	\$527.08	\$527.08
Total Mulch Materials Cost/Acre				\$530.00

#### Application

Description		Cost /Acre
Hydromulching (MEANS 32 92 19.13 1100)		\$968.00
Weed spray, hand, non-aquatic area, nox. [DMG]		\$183.16
	Total Mulch Application Cost/Acre	\$1,151.16

#### **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: ed Failure Rate: ng Work Items:	 Cost /Acre: Cost /Acre*: G	
Initial Job Cost:			
Reseeding Job Cost: Total Job Cost:			
Job Hours:	30.00		

# **REVEGETATION WORK**

Task descrip	otion:	<b>Reveg Vent Shafts</b>			
te: <b>Revenue</b>	Mine	Permit Action:	TR-11	Permit/Job	o#: <u>M2012032</u>
	<b>IDENTIFIC</b>				N
Task #:	06B	State: Colorado		Abbreviation:	None
Date:	9/30/2020	County: Ouray		Filename:	M032-06b
User:	ACY				

#### **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
	\$
Total Tilling Cost/Acre	\$0.00

#### **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Paloma	2.96	9.58	\$32.93
Mountain Brome - Bromar	8.00	12.86	\$30.40
Sandberg Bluegrass - VNS	1.00	21.24	\$8.40
Rye, Winter - VNS	19.20	7.93	\$10.27
Sheep Fescue - Covar	2.88	44.96	\$17.57
Slender Wheatgrass - Native	5.60	20.44	\$25.90
Milk Vetch, Cicer - Monarch	1.92	6.39	\$15.74
Thickspike Wheatgrass - Critana	6.76	23.90	\$46.48
Flax, Lewis Blue	0.50	3.32	\$8.25

Yarrow, Western	0.12	7.30	\$5.02
		157.01	
Totals Seed Mix	48.94	157.91	\$200.96

#### Application

Description		Cost /Acre
Broadcast seeding [DMG]		\$267.22
	Total Seed Application Cost/Acre	\$267.22

#### **MULCHING and MISCELLANEOUS**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$301.00	\$602.00
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$2.92	\$2.92
Total Mulch Materials Cost/Acre				\$604.92

#### Application

Description		Cost /Acre
Hand spread, 1" deep (MEANS 32 91 13.16 0200)		\$3,436.40
Weed spray, hand, non-aquatic area, nox. [DMG]		\$183.16
	Total Mulch Application Cost/Acre	\$3,619.56

#### **NURSERY STOCK PLANTING**

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

Fstimate	No. of Acres: ed Failure Rate:		Cost /Acre: Cost /Acre*:	
*Selected Replanti		CHING		¢1,092.00
Initial Job Cost:	\$3,237.94			
Reseeding Job Cost:	\$971.38			
Total Job Cost:	\$4,209			
Job Hours:	10.00			

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Revenue Mine		Permit	Action: TR-1	1	]	Permit/Job#:	M2012032
PROJECT IDEN	TIFICATI	<u>ON</u>					
Task #: 07A		State: Co	olorado		Abbre	eviation: Non	e
Date: 9/30/ User: ACY		County: Ou	ıray		Fi	ilename: M03	32-07a
Agency or	organization	name: DRMS					
EQUIPMENT TR	RANSPOR'	<u>T RIG COST</u>					
				(	Shift ba Cost Data Sour		
Truck 7	Fractor Desc	ription: GENE	RIC ON-HIGH		ICK TRACTO (2ND HALF,	DR, 6X4, DIESE 2006)	EL POWERED,
Truck	Trailer Desci	ription: G			SENECK, DF (25T, 50T, AN	ROP DECK EQU ND 100T)	UIPMENT
	Trailer Desc	ription: Gl					UIPMENT
Cost Breakdown: Available Rig Cap	pacities	0-25 Tons	26-50 Tons	<b>TRAILER</b>	(25T, 50T, AN		UIPMENT
Cost Breakdown: Available Rig Cap Ownership C	pacities Cost/Hour:	<b>0-25 Tons</b> \$17.20	26-50 Tons \$29.63	<b>51</b> +	(25T, 50T, AN Tons 8.69		UIPMENT
Cost Breakdown: Available Rig Cap Ownership C Operating C	Dacities Cost/Hour: Cost/Hour:	<b>0-25 Tons</b> \$17.20 \$26.56	<b>26-50 Tons</b> \$29.63 \$47.02	<b>51+</b> 51+	(25T, 50T, AN Tons 8.69 5.69		UIPMENT
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C	Dacities Cost/Hour: Cost/Hour: Cost/Hour:	<b>0-25 Tons</b> \$17.20 \$26.56 \$23.63	26-50 Tons \$29.63 \$47.02 \$23.63	<b>51+</b> \$3 \$5 \$2	(25T, 50T, AN Tons 8.69 5.69 3.63		UIPMENT
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons \$17.20 \$26.56 \$23.63 \$0.00	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63 \$23.53	STRAILER           51+           \$3           \$5           \$2           \$2	<b>Tons</b> 8.69 5.69 3.63 3.53		UIPMENT
<u>Cost Breakdown:</u> Available Rig Cap Ownership C Operating C Operator C	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	<b>0-25 Tons</b> \$17.20 \$26.56 \$23.63	26-50 Tons \$29.63 \$47.02 \$23.63	STRAILER           51+           \$3           \$5           \$2           \$2	(25T, 50T, AN Tons 8.69 5.69 3.63		UIPMENT
Cost Breakdown: Available Rig Cap Ownership ( Operating ( Operator ( Helper ( Total Unit (	Dacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63 \$23.53	STRAILER           51+           \$3           \$5           \$2           \$2	<b>Tons</b> 8.69 5.69 3.63 3.53		UIPMENT
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C Total Unit C	Dacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63 \$23.53 \$123.81	STRAILER           51+           \$3           \$5           \$2           \$2	<b>Tons</b> 8.69 5.69 3.63 3.53 41.54	ND 100T)	DOT Permit
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C Total Unit C NON ROADABL Machine	Dacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63 \$23.53	STRAILER           51+           \$3           \$5           \$2           \$2           \$14	<b>Tons</b> 8.69 5.69 3.63 3.53	<u>ND 100T)</u>	
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C Total Unit C NON ROADABL	Dacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39           IENT:           Owner ship	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig	<b>51+</b> <b>51+</b> <b>53</b> <b>55</b> <b>52</b> <b>52</b> <b>52</b> <b>52</b> <b>51</b> <b>51</b> <b>51</b> <b>51</b> <b>51</b> <b>51</b> <b>51</b> <b>51</b>	225T, 50T, AN Tons 8.69 5.69 3.63 3.53 41.54 Haul Trip	ND 100T)	DOT Permit
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C Total Unit C NON ROADABL Machine	Dacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39           IENT:           Owner ship	26-50 Tons \$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig Cost/hr/uni	<b>51+</b> <b>51+</b> <b>53</b> <b>55</b> <b>52</b> <b>52</b> <b>52</b> <b>52</b> <b>51</b> <b>51</b> <b>51</b> <b>51</b> <b>51</b> <b>51</b> <b>51</b> <b>51</b>	225T, 50T, AN Tons 8.69 5.69 3.63 3.53 41.54 Haul Trip Cost/hr/	ND 100T)	DOT Permit
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C Total Unit C NON ROADABL Machine Description	Dacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS)	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39           IENT:           Owner ship           Cost/hr/ unit	<b>26-50 Tons</b> \$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig Cost/hr/uni t	Size           Fleet           Size	C25T, 50T, AN Tons 8.69 5.69 3.63 3.53 41.54 Haul Trip Cost/hr/ fleet	ND 100T) Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C Total Unit C NON ROADABL Machine Description Cat D9T - 9SU Hydroseeder with	Dacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS) 60.01	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39 <b>IENT:</b> Owner ship           Cost/hr/ unit           \$156.88	26-50 Tons           \$29.63           \$47.02           \$23.63           \$123.81           Haul Rig           Cost/hr/uni           t           \$141.54	Signature           51+           \$3           \$5           \$2           \$14           \$2           \$2           \$14           Fleet           Size           1	<u>Tons</u> 8.69 5.69 3.63 3.53 41.54 Haul Trip Cost/hr/ fleet \$298.42	ND 100T) Return Trip Cost/hr/ fleet \$141.54	DOT Permit Cost/ fleet \$250.00

# **ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 6x4, 45K GVW	\$77.71	1	\$77.71	\$77.71
		Subtotals:	\$77.71	\$77.71

#### **EQUIPMENT HAUL DISTANCE and Time**

MONTROSE	
45.00	miles
35.00	mph
\$7,802.90	
\$199.83	
	45.00 35.00 \$7,802.90

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.29	1.29
Return Time (Hours):	1.29	1.29
Loading Time (Hours):	1.50	NA
Unloading Time (Hours):	1.50	NA
Subtotals:	5.57	2.57

#### JOB TIME AND COST

Total job time: 11.14 Hours

Total job cost: **\$8,003** 

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Sec	ondary Mobilizat	tion				
Revenue Mine		Permit	Action: TR-1	1	]	Permit/Job#: <u>N</u>	A2012032
PROJECT IDEN	NTIFICATI	<u>ON</u>					
Task #: $07B$ Date: $9/30$ User: AC	)/2020		blorado 1ray			eviation: <u>Non</u> llename: <u>M03</u>	e 2-07b
	r organization	n name: DRMS					
EQUIPMENT T	RANSPOR	<u>T RIG COST</u>					
				С	Shift ba lost Data Sour		
Truck	Tractor Desc	ription: GENE	RIC ON-HIGH			OR, 6X4, DIESE 2006)	L POWERED,
	Tractor Desc Trailer Desc	-	ENERIC FOLD	400 HP ING GOO	(2ND HALF,	2006) ROP DECK EQU	
Truck <u>Cost Breakdown:</u>	Trailer Desc	ription: G	ENERIC FOLD 1	400 HP ( ING GOO TRAILER (	(2ND HALF, SENECK, DF 25T, 50T, AN	2006) ROP DECK EQU	
Truck <u>Cost Breakdown:</u> Available Rig Ca	Trailer Desc	ription: G	ENERIC FOLD	400 HP ( DING GOOS TRAILER ( 51+	(2ND HALF, SENECK, DF 25T, 50T, AN Tons	2006) ROP DECK EQU	
Truck <u>Cost Breakdown:</u> Available Rig Ca Ownership	Trailer Desc pacities Cost/Hour:	ription: G 0-25 Tons \$17.20	ENERIC FOLD 7 26-50 Tons \$29.63	400 HP ( ING GOOS TRAILER ( 51+ \$3	(2ND HALF, SENECK, DF 25T, 50T, AN <u>Tons</u> 8.69	2006) ROP DECK EQU	
Truck Cost Breakdown: Available Rig Ca Ownership Operating	Trailer Desc pacities Cost/Hour: Cost/Hour:	ription: G 0-25 Tons \$17.20 \$26.56	ENERIC FOLD 7 26-50 Tons \$29.63 \$47.02	400 HP ( ING GOOS TRAILER ( 51+ \$3 \$5	(2ND HALF, SENECK, DF 25T, 50T, AN Tons 8.69 5.69	2006) ROP DECK EQU	
Truck Cost Breakdown: Available Rig Ca Ownership Operating Operator	Trailer Desc pacities Cost/Hour: Cost/Hour: Cost/Hour:	ription: G 0-25 Tons \$17.20 \$26.56 \$23.63	ENERIC FOLD 7 26-50 Tons \$29.63 \$47.02 \$23.63	400 HP ( ING GOOS TRAILER ( 51+ \$3 \$5 \$2	(2ND HALF, SENECK, DF 25T, 50T, AN Tons 8.69 5.69 3.63	2006) ROP DECK EQU	
Truck Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper	Trailer Desc pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	ription: G 0-25 Tons \$17.20 \$26.56 \$23.63 \$0.00	ENERIC FOLD 7 26-50 Tons \$29.63 \$47.02 \$23.63 \$23.53	400 HP ( ING GOO) TRAILER ( 51+ \$3 \$5 \$2 \$2 \$2	(2ND HALF, SENECK, DF 25T, 50T, AN Tons 8.69 5.69 3.63 3.53	2006) ROP DECK EQU	
Truck Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper	Trailer Desc pacities Cost/Hour: Cost/Hour: Cost/Hour:	ription: G 0-25 Tons \$17.20 \$26.56 \$23.63	ENERIC FOLD 7 26-50 Tons \$29.63 \$47.02 \$23.63	400 HP ( ING GOO) TRAILER ( 51+ \$3 \$5 \$2 \$2 \$2	(2ND HALF, SENECK, DF 25T, 50T, AN Tons 8.69 5.69 3.63	2006) ROP DECK EQU	
Truck Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper	Trailer Desc pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	ription: G 0-25 Tons \$17.20 \$26.56 \$23.63 \$0.00 \$67.39	ENERIC FOLD 7 26-50 Tons \$29.63 \$47.02 \$23.63 \$23.53	400 HP ( ING GOO) TRAILER ( 51+ \$3 \$5 \$2 \$2 \$2	(2ND HALF, SENECK, DF 25T, 50T, AN Tons 8.69 5.69 3.63 3.53	2006) ROP DECK EQU	
Truck Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper Total Unit	Trailer Desc <b>pacities</b> Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	ription: G 0-25 Tons \$17.20 \$26.56 \$23.63 \$0.00 \$67.39	ENERIC FOLD 7 26-50 Tons \$29.63 \$47.02 \$23.63 \$23.53	400 HP ( ING GOO) TRAILER ( 51+ \$3 \$5 \$2 \$2 \$2	(2ND HALF, SENECK, DF 25T, 50T, AN 7005 8.69 5.69 3.63 3.53 11.54	2006) ROP DECK EQU ND 100T) Return Trip	JIPMENT
Truck Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADABI	Trailer Desc pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/ Unit	0-25 Tons           \$17.20           \$26.56           \$23.63           \$0.00           \$67.39	ENERIC FOLD 7 26-50 Tons \$29.63 \$47.02 \$23.63 \$23.53 \$123.81	400 HP ( PING GOO) FRAILER ( 51+ \$3 \$5 \$2 \$2 \$14	(2ND HALF, SENECK, DF 25T, 50T, AN Tons 8.69 5.69 3.63 3.53	2006) ROP DECK EQU ND 100T)	JIPMENT
Truck Cost Breakdown: Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADABI Machine	Trailer Desc pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/	ription: G 0-25 Tons \$17.20 \$26.56 \$23.63 \$0.00 \$67.39 MENT: Owner ship	ENERIC FOLD 7 26-50 Tons \$29.63 \$47.02 \$23.63 \$23.53 \$123.81 Haul Rig Cost/hr/uni	400 HP ( PING GOO) FRAILER ( 51+ \$3 \$5 \$2 \$2 \$14 Fleet	(2ND HALF, SENECK, DF 25T, 50T, AN <b>Tons</b> 8.69 5.69 3.63 3.53 41.54 Haul Trip Cost/hr/	2006) ROP DECK EQU ND 100T) Return Trip	JIPMENT

# **ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 6x4, 45K GVW	\$77.71	1	\$77.71	\$77.71
		Subtotals:	\$77.71	\$77.71

#### **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	MONTROSE 45.00 35.00	miles mph
Total Non-Roadable Mob/Demob Cost *	\$1,438.67	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$199.83	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.29	1.29
Return Time (Hours):	1.29	1.29
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.57	2.57

#### JOB TIME AND COST

Total job time: 7.14 Hours

Total job cost: **\$1,638**