

1313 Sherman St. Room 215 Denver, CO 80203

October 4, 2019

Sara A. Glinatsis Sunrise Mining LLC P.O. Box 2134 Monument, CO 80132

Re: May Day Idaho Mine Complex, Permit No. M-1981-185, Financial Warranty Reduction Approval, Revision No. SR-2

Mrs. Glinatsis:

On October 4, 2019 the Division of Reclamation, Mining and Safety approved your request for a Financial Warranty Reduction to **\$117,641.00**. This is a reduction of <u>\$86,921.00</u>. This decision reduces the amount of the financial warranty, and does not approve any release of reclamation responsibility for the tasks associated with this request.

Please provide a rider to the current Financial Warranty, or submit a new Financial Warranty reflecting this reduction. If you wish to submit a different type of Financial Warranty, please contact our office for the applicable form. If you have any questions, please feel free to contact me at the Division's Grand Junction Field Office, by phone at (970)243-6368 or by email at lucas.west@state.co.us. For all bonding related questions please contact Gabriel Benvenuti at 303-866-3567 Extension 8148 or by email at Gabriel.benvenuti@state.co.us.

Sincerely,

71

Lucas J. West Environmental Protection Specialist Division of Reclamation, Mining and Safety

cc: Gabriel R. Benvenuti, DRMS Bonding Specialist Travis Marshall, Senior Environmental Protection Specialist

M-FW-13



COST SUMMARY WORK

•	May Day Idaho Mine		Permit Action:			
Comple	X			SR-02	Permit/Jol	b#: M1981185
ROJECI	<u>IDENTIFICA</u>	<u>rion</u>				
Task #:	000	State:	Colorado		Abbreviation:	None
Date:	10/4/2019	County:	La Plata		Filename:	M185-000
User:	LJW					

TASK LIST (DIRECT COSTS)

Task	a second a s	Form	Fleet	Task	
10.1	Description	Used	Size	Hours	Cost
001	May Day 1 protal closure	MINESEAL] 1	40.00	\$4,211
002	Demo and disposal of structures and equipment at May Day 1	DEMOLISH	1	80.00	\$16,200
003	Backfill Highwall to appx.2H: 1V slope and regrade May Day 1	DOZER	1	41.96	\$7,716
003a	Haul material from May Day 2 to May Day 1 for Backfill	TRUCK1	1	96.49	\$29,788
004	Reveg May Day 1	REVEGE	1	16.00	\$1,015
005	Regrading at May Day 2	DOZER	1	8.50	\$1,603
006	Reveg May Day 2	REVEGE	1	16.00	\$966
007	Seal Chief Tunnel	MINESEAL	1	8.00	\$2,105
008	Reveg Cheif Area	REVEGE	1	16.00	\$327
009	Dispose of equipment and debris at Idaho area	DEMOLISH	1	20.00	\$984
010	Regrade and Rip Idaho area	DOZER	1	12.11	\$2,284
011	Reveg Idaho	REVEGE	1	16.00	\$1,726
012	Seal monitoring wells (4 wells)	BOREHOLE	1	40.00	\$5,982
013	Mobilizatiion	MOBILIZE	1	17.50	\$13,992
		<u>SUBTO</u>	TALS:	428.56	\$88,899

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$1,796
Performance bond:	1.05	Total =	\$933
Job superintendent:	166.03	Total =	\$11,521
Profit:	10.00	Total =	\$8,890
		TOTAL O & $P =$	\$23,140
		CONTRACT AMOUNT (direct + O & P) =	\$112,039

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$0	Total =	\$0
Engineering work and/or contract/bid preparation:	0.00	Total =	\$0
Reclamation management and/or administration:	5.00		\$5,602
CONTINGENCY:	0.00	Total =	\$0

TOTAL INDIRECT COST = \$28,742

TOTAL BOND AMOUNT (direct + indirect) = ____\$117,641

SAFEGUARDING UNDERGROUND OPENINGS

	sk description:	May Day 1 p				
	Iay Day Idaho Mine Complex	F	ermit Action:	SR-02	Permit	/Job#: <u>M1981185</u>
<u>ROJEC</u>	<u> IDENTIFICATIO</u>	N				
	001	State:	Colorado		Abbreviation:	None
Task #:	001					
Task #: Date:	10/4/2019	County:	La Plata		Filename:	185-001

UNIT COSTS

Opening Description	Dimensions	Closure Method	Quantity	Unit	Unit Cost	Total Cost
Access portal	8' x 7'	Adit closure - backfilling	1.00	EA	\$2,105.30	\$2,105.30
		(per opening)				
Illegal mill portal	15' x 20' x 50'	Adit closure - backfilling	1.00	EA	\$2,105.30	\$2,105.30
	deep	(per opening)		1.1		

Job Hours: 40.00

Total Cost: \$4,210.60

DEMOLITION WORK

Ta	sk description:	Demo and d	lisposal of struc	tures and equi	pment at May Day 1	
N Site: C	Iay Day Idaho Mine complex		Permit Action:	SR-02	Permit	/Job#: <u>M1981185</u>
PROJECT	IDENTIFICATIO	N				
Task #:	002	State:	Colorado		Abbreviation:	None
Task #: Date:	002 10/4/2019	State: County:	Colorado La Plata		Abbreviation: Filename:	None M185-002

UNIT COSTS

Location adjustment: 91.60 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Storage containers (4)	20' x 8' x 8' (4)	Loading only, open areas (unconfined) - Track loader	190.00	CY	\$0.52	\$98.04
Water Storage Tanks (2)	25' x 6' x 6'	Loading only, open areas (unconfined) - Track loader	67.00	CY	\$0.52	\$34.57
Milling equipment and misc. debris	100 c. y.	Loading only, open areas (unconfined) - Track loader	100.00	CY	\$0.52	\$51.60
Haul to landfill (20 full trucks)	16 mi.	Hauling only, per mile, 12-18 CY truck - 50 mph average speed	768.00	MI	\$3.17	\$2,436.63
Quonset Hut Removal (old Mill)	15 x 40 x 15	Bldg. (SC) demo./off- site disposal in approved landfill - Max. 60 mile haul	9,000.00	CF	\$0.82	\$7,405.20
Dump Fees	690 CY	Dump fees - Building construction materials.	690.00	СҮ	\$11.10	\$7,659.00

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	80.00	(unadjusted):	\$17,685.04	location):	\$16,199.50

BULLDOZER WORK

May Day Idaho Min Complex	ie F	Permit Action:	SR-02	Permit/Jo	b#: <u>M198118</u> :
ROJECT IDENTIF	ICATION				
Task #: 003	State	Colorado		Abbreviation:	None
Date: 10/4/2019	County:	La Plata		Filename:	M185-003
User: LJW					
Agency or orga	nization name:I	ORMS			
OURLY EQUIPME	ENT COST				
Basic Machine: Ca	at D7R DS XR Serie	es II			
Horsepower: 24					
	mi-Universal				
Attachment: 3-	shank ripper				
	per day				
Data Source: (C	CRG)				
ost Breakdown:					
			Utilization %		
Ownership Cost/Hour:		\$71.52	NA		
Operating Cost/Hour:		\$64.34	100		
Ripper own.	1				
Cost/Hour:		\$6.80	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour:	\$183.90 \$183.90	\$41.24	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 7,50 Swell factor: 1.4 Loose volume: 10, Source of estimated vol Source of estimated vol Source of estimated swe factor: OURLY PRODUCT Average push distance: Unadjusted hourly production:	\$183.90 TTIES 00 30 725 LCY ume: Division Cat Har Cat Har 50 feet 1,022.9 L	n of Reclamation, idbook	NA Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 7,50 Swell factor: 1.4 Loose volume: 10,7 Source of estimated vol 50 Source of estimated swelfactor: 10,4 OURLY PRODUCT 10,4 Average push distance: 10,4 Unadjusted hourly 10,4 Outly production: 10,4	\$183.90 TTIES 00 30 725 LCY ume: Division cat Har CION 50 feet 1,022.9 L escription: Comp	n of Reclamation, dbook	NA Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 7,50 Swell factor: 1.4 Loose volume: 10, Source of estimated vol Source of estimated swe factor: OURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency de Average push	\$183.90 TTIES 00 30 725 LCY ume: Division Cat Har Cat Har 50 feet 1,022.9 L	n of Reclamation, idbook	NA Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 7,50 Swell factor: 1.4 Loose volume: 10, Source of estimated vol Source of estimated swe factor: OURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency de	\$183.90 TTIES 00 30 725 LCY ume: Division cat Har CION 50 feet 1,022.9 L escription: Comp	n of Reclamation, idbook	NA Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 7,50 Swell factor: 1.4: Loose volume: 10, Source of estimated vol Source of estimated swe factor: OURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency de Average push gradient:	\$183.90 TTIES 00 30 725 LCY ume: Division cat Har Cat Har 50 feet 1,022.9 L escription: Comp 0 %	n of Reclamation, idbook	NA Mining & Safety		
Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 7,54 Swell factor: 1.43 Loose volume: 10,7 Source of estimated vol 50 Source of estimated vol 50 Source of estimated swefactor: 0 OURLY PRODUCT Average push distance: Unadjusted hourly 0 Oroduction: Materials consistency de Average push gradient: Average site altitude: 10	\$183.90 TTIES 00 30 725 LCY ume: Division Cat Har Cat Har 50 feet 1,022.9 L escription: Comp 0 % 8,740 feet	n of Reclamation, idbook	NA Mining & Safety		

Job Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.000	(GEN.)
Visibility:	0.800	(POOR)
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:	0.2499

Adjusted unit production:	255.62 LCY/hr	
Adjusted fleet production:	255.62 LCY/hr	

Fleet size:	1 Dozer(s)	
Unit cost:	\$0.719/LCY	

Total job time:	41.96 Hours
Total job cost:	\$7,716

Page 1 of 4

TRUCK/LOADER	TEAM	WORK

ask description:	Haul m	aterial from	m Ma	y Day 2 to May	Day 1 for Ba	ackfill		
May Day Idaho Complex) Mine	Perm	nit Ac	tion: SR-02		Permit/Jo	ob#: _	M1981185
ROJECT IDEN	TIFICATION							
Task #: 003/	4	State:	Color	ado		Abbreviation:	No	one
						Filename:		185-003a
User: LJW								· · · · · · · · · · · · · · · · · · ·
Agency of	organization nan	ne: Deep	e End	Solutions				
OURLY EQUI	PMENT COST	-			Shi	ft basis: <u>1 per d</u>	ay	
				Equipment Descr	iption			
]	Fruck Loader Tea					8-165 m - 1		
		-Loader:	-	the second se	Stick			
Supp								
Road M			-					
itouta ini					Gal.		114	
				, - ,				
st Breakdown:	Truck/Loa	der Team		Support	Equipment	Ma	intena	ance Equipment
	Truck	Excavator	r	Load Area	Dump Are	a Motor Grader		Water Truck
zation-machine:	100		100	NA	1	NA	NA	100
rship cost/hour:	\$56.57	\$3	4.75	NA	1	NA	NA	\$27.40
ating cost/hour:	\$43.83	\$3	6.44	NA	1	NA	NA	\$39.99
Itilization-riper:	NA		0	NA	1	NA	NA	NA
own. cost/hour:	NA	\$	0.00	NA	1	NA	NA	\$0.00
er op. cost/hour:	NA	\$	0.00	NA	1	NA	NA	\$0.00
rator cost/hour:	\$32.50	\$3	7.27	NA]	NA	NA	\$0.00
Unit Subtotals:	\$132.89	\$10	8.45	NA	1	NA	NA	\$67.39
umber of Units:	1		1	0		0	0	1
roup Subtotals:	Work:	\$241.34		Support:	\$0.00	M	aint:	\$67.39
Initial volume	: 3,750		CCY	Swell	factor: 14	30		
		3						
	of estimated swe Material Purcha	Il factor:	1/2 n Cat H \$0.00	eeded volume for Handbook D	r backfill at N	May Day 1		
	Complex ROJECT IDEN Task #: 0034 Date: 10/4 User: LJW Agency of OURLY EQUI Supp Road M st Breakdown: ration-machine: rship cost/hour: ating cost/hour: ating cost/hour: rator cost/hour: rator cost/hour: rator cost/hour: rator cost/hour: unit Subtotals: unber of Units: roup Subtotals: tal work team cost ATERIAL QU Initial volume Loose volume	May Day Idaho Mine Complex ROJECT IDENTIFICATION Task #: 003A Date: 10/4/2019 User: LJW Agency or organization nar DURLY EQUIPMENT COST Truck Loader Tea Support Equipment -L -Du Road Maintenance –Moto -Wa st Breakdown: Truck/Loa st Breakdown: Truck/Loa st Breakdown: S56.57 ating cost/hour: \$56.57 ating cost/hour: \$56.57 ating cost/hour: \$43.83 tilization-riper: NA own. cost/hour: \$43.83 tilization-riper: NA own. cost/hour: \$32.50 Unit Subtotals: \$132.89 Imber of Units: 1 roup Subtotals: \$132.89 Imber of Units: 1 Imber of U	May Day Idaho Mine Complex Perm Complex ROJECT IDENTIFICATION Task #: 003A State: Date: 10/4/2019 County: User: LJW Agency or organization name: Deep DURLY EQUIPMENT COST Truck Loader Team -Truck: -Loader: DURLY EQUIPMENT COST Support Equipment -Load Area: -Dump Area: Support Equipment -Load Area: -Dump Area: -Water Truck: st Breakdown: Truck/Loader Team -Water Truck: st Breakdown: Truck/Loader Team -Water Truck: st Breakdown: Truck/Loader Team -Water Truck: st ling cost/hour: \$56.57 \$3 ating cost/hour: \$43.83 \$3 tilization-riper: NA \$ own. cost/hour: NA \$ r op. cost/hour: NA \$ stator cost/hour: \$32.50 \$3 Unit Subtotals: \$132.89 \$10 umber of Units: 1 - roup Subtotals: Work: \$241.34 tal work team cost/hour: \$308.73 -	May Day Idaho Mine Complex Permit Act Complex ROJECT IDENTIFICATION Task #: 003A State: Color Date: 10/4/2019 County: La Pla User: LJW Agency or organization name: Deep End DURLY EQUIPMENT COST OURLY EQUIPMENT COST DURLY EQUIPMENT COST Truck Loader Team -Truck: Cat -Loader: Cat Support Equipment -Load Area: NA -Dump Area: NA Agency or organization name: Deep End Support Equipment -Load Area: NA -Dump Area: NA Road Maintenance -Motor Grader: NA -Water Truck: Wa st Breakdown: Truck/Loader Team Truck Excavator ration-machine: 100 100 rship cost/hour: \$56.57 \$34.75 ating cost/hour: \$43.83 \$36.44 tilization-riper: NA 0 own. cost/hour: NA \$0.00 rator cost/hour: NA \$0.00 rator cost/hour: \$32.50 \$37.27 Unit Subtotals: \$1132.89 \$108.45 Imber of Units: 1 1 roup Subtotals: Work: \$241.34 tal work team cost/hour: \$308.73 ATERIAL QUANTITIES Initial volume: 3,750 CCY Loose volume: 5,363 Source of estimated swell factor: Cat Material Purchase Cost: \$0.0	May Day Idaho Mine Complex Permit Action: SR-02 ROJECT IDENTIFICATION State: Colorado Task #: 003A State: Colorado Date: 10/4/2019 County: La Plata User: LJW Agency or organization name: Deep End Solutions DURLY EQUIPMENT COST Equipment Descr Truck Loader Team -Truck: Cat 725 Cat 319D L 8'-10'' NA Support Equipment -Load Area: NA -Dump Area: NA Road Maintenance -Motor Grader: NA -Water Truck: Water Tanker, 5,000 st Breakdown: Truck/Loader Team Support -Water Truck: Water Tanker, 5,000 st Breakdown: Truck/Loader Team Support -Water Truck: Water Tanker, 5,000 st Breakdown: Truck/Loader Team Support -Water Truck: Water Tanker, 5,000 st Breakdown: Truck/Loader Team Support -ation-machine: 100 100 <	May Day Idaho Mine Complex Permit Action: SR-02 Coppect IDENTIFICATION State: Colorado Task #: 003A County: La Plata Date: 10/4/2019 County: La Plata User: LJW County: La Plata Agency or organization name: Deep End Solutions DURLY EQUIPMENT COST Shi Truck Loader Team -Truck: Cat 725 -Loader: NA Support Equipment -Load Area: NA -Dump Area: NA Road Maintenance -Motor Grader: NA -Water Truck: Vater Tanker, 5,000 Gal. st Breakdown: Truck/Loader Team Support Equipment rship cost/hour: \$56.57 \$34.75 NA rship cost/hour: \$56.57 \$34.75 NA own. cost/hour: NA 0 NA 1 rator cost/hour: NA \$0 NA 1 rator cost/hour: NA \$0.00 NA 1 rown. cost/hour: NA \$0.00 NA 1 rator cost/hour:	May Day Idaho Mine Complex Permit Action: SR-02 Permit/Jo Coppect IDENTIFICATION State: Colorado Abbreviation: Filename: Task #: 003A State: Colorado Abbreviation: Filename: Date: 10/4/2019 County: La Plata Filename: User: LJW Agency or organization name: Deep End Solutions DURLY EQUIPMENT COST Shift basis: 1 per d Truck Loader Team -Truck: Cat 725 - -Loader: IAA - -Dump Area: NA - Road Maintenance -Motor Grader: NA - -Water Truck: Vater Tanker, 5,000 Gal. - st Breakdown: Truck/Loader Team Support Equipment Ma ration-machine: 100 100 NA NA rship cost/hour: S56.57 \$34.75 NA NA rown. cost/hour: NA 0 NA NA rown. cost/hour: NA \$0.00 NA NA rown. cost/hour: NA \$0.00 NA NA rown. cost/h	May Day Idaho Mine Complex Permit Action: SR-02 Permit/Job#: COJECT IDENTIFICATION State: Colorado Abbreviation: Net Filename: M Task #: 003A State: Colorado Abbreviation: Net Filename: M Date: 10/4/2019 County: La Plata Filename: M User: LJW County: Equipment Description Filename: M OURLY EQUIPMENT COST Cat 319D L 8'-10" Stick Support Equipment -Load Area: -Uoump Area: NA Road Maintenance -Motor Grader: -Water Truck: NA M Road Maintenance Motor Grader: Grader NA Mainten st Breakdown: Truck/Loader Team Support Equipment Mainten attion-machine: 100 100 NA NA ration-machine: 100 100 NA NA rop. cost/hour: \$55.57 \$34.75 NA NA NA rop. cost/hour: \$32.50 \$37.27 NA NA NA ration-riper: NA 0 NA NA NA ratior cost/hour: \$32.50 \$37.

HOURLY PRODUCTION

Truck Capacity: Truck Payload (weight) Basis:

Material weight: 3,300 Pounds/LCY Description: Decomposed rock - 75% Rock, 25% Earth Rated Payload: 52,000

Pounds

Payload Capacity:	15.76	LCY	r			
Truck Bed (volume) Basis: Struck Volume:	14 50	LCY				
Heaped Volume:	<u>14.50</u> 18.70	LCY				
Average Volume:		LCY				
Adjusted Volume:	15.76	LCY				
		201				
Final	Fruck Volume I	Based on Number o	f Loader Desser	15.59	LCV	
		based on Number o	I LUadel Fasses.	15.59	LCY	
Loading Tool Capacity						
2			Bucl	ket Size Class: _	Large	_
Rated Capacity:	1.350	LCY (heaped)				_
Bucket Fill Factor:	0.825		avg. blasted (7	5 - 90%) 0.825		
Adjusted Capacity:	1.114	LCY				
Job Condition Corrections:	_	S	Site Altitude (ft.):	8850 feet		
	Truck	Loader	Source			
Altitude Adj:	1.000	0.830	(CAT H			
Job Efficiency:	0.830	0.830	(CAT H			
			(011111			
Net Correction:	0.830	0.689				
Loading Tool Cycle Time:	1	Number of Loading	Tool Passes Reg	uired to Fill		passes
Excavators and Front Shove				Truck:	14	•
Machine Cycle Time v	- Iob Condition	n Rating: AVER	AGE			
Selected Value						
Track Loaders –		•	ndL			
Cycle Time Elements (min.):						
Load: NA	M	aneuver: NA		Dump:	100	
Wheel and Treat	Teedene TTee	dimeted Denie Trans	Conternations (1	1		
wheel and Traci	c Loaders - Una	djusted Basic Load	•	oad, dump, maneuver):	NA ^{min}	utes
	1			· · · · · · · · · · · · · · · · · · ·	1	
Cycle Time Factors	NTA			Factor (min.)	Source	
Material:	NA NA			NA	(Cat HB)	
Stockpile: Truck Ownership:	NA			NA NA	(Cat HB)	
Operation:	NA			NA	(Cat HB) (Cat HB)	
Dump Target:	NA			NA	(Cat HB)	
Dump Tugot.		Net Cycle Tit	ne Adjustment:	NA	minutes	
(*)			ler Cycle Time:	0.282	minutes	
			ime per Truck:	3.766	minutes	
Truck Cycle Time:						
Truck Exchange Time	: 0.50	Minutes	Adjusted	for site altitude:	0.500	Minutes
Truck Load Time		 Minutes	-	for site altitude:	4.537	Minutes
		- Minutes	-			_
Truck Maneuver and Dum Time	•		Adjusted	for site altitude:	0.900	Minutes

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

Truck/Loader Worksheet Cont'd

	Haul Route								
	Seg #	(Ft)	Distance	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)	
	1	2000	.00	20.00	4.00	24.00	323	6.196	
						Haul Time:	6.196	minutes	1
	Return Rou	ite:							
	Seg #	(Ft)	Distance	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)	
	1	2000	.00	-20.00	4.00	-16.00	1170	1.838	
					Total True	Return Time: ck Cycle Time:	1.838 13.971		
	oading Too Produ Unit Produ	iction	185.72	LCY/Hour		Adjusted for jo	b efficiency:	154.15	LCY/Hour
			66.96	LCY/Hour		Adjusted for jo	b efficiency:	55.58	LCY/Hour
Optima	ıl No. of Tr	ucks:	3	Truck(s)		Selected Numb	er of Trucks:	1	Truck(s)
						team production		58 LCY	/Hour
			Δ	Adjusted single			A.4		/Hour /Hour
			л	ajusted muniple		team productio	·II		noui
	JOB TIM	E AN	<u>D COST</u>						
	Fleet s	size: _	1	Team(s)	T	otal job time:	96.49	Hor	urs
	Unit c	cost:	\$5.555	/LCY	Т	otal job cost: _	\$29,78	38	

Page 1 of 2

REVEGETATION WORK

Т	ask description: Reveg May Day 1						
Site:	May Day Complex	Idaho Mine	Pe	ermit Action:	SR-02	Permit/Jol	b#: <u>M1981185</u>
PF	ROJECT	IDENTIFIC	ATION				
<u>PF</u>	ROJECT Task #:	DENTIFIC 004	CATION State:	Colorado		Abbreviation:	None
<u>PF</u>				Colorado La Plata		Abbreviation: Filename:	None M185-004

FERTILIZING

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
Chisel plowing {DMG}		\$94.63
	Total Tilling Cost/Acre	\$94.63

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Big Bluestem - Native	2.00	5.97	\$23.63
Mountain Brome - Bromar	20.00	32.14	\$76.00
Idaho Fescue	4.00	50.51	\$37.90
Slender Wheatgrass - Native	11.00	40.15	\$50.88
Totals Seed Mix	37.00	128.76	\$188.41

Application

Description		Cost /Acre
Broadcast seeding [DMG]		\$267.22
	Total Seed Application Cost/Acre	
	Total Secu Application Cost/Acte	\$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	\$295.00	\$590.00
Silt fence, Materials (MEANS 31 25 14.16 1000)	600.00	LINEAR FOOT	\$0.49	\$294.00
Total Mulch Materials Cost/Acre				\$884.00

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$70.17
	Total Mulch Application Cost/Acre	\$70.17

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
		То	als Nursery Stoc	ek Cost / Acre	\$0.00

No. of Acres:	0.5	Cost /Acre:	\$1,504.43	
Estimated Failure Rate:	35%	Cost /Acre*:	\$1,504.43	
*Selected Replanting Work Items:	TILLING, SEEDING	J,MULCHING		

Initial Job Cost:	\$752.22	
Reseeding Job Cost:	\$263.28	
Total Job Cost:	\$1,015	
Job Hours:	16.00	

BULLDOZER WORK

May Day Idaho Mir Complex	e Permit Action:	SR-02	Permit/Jo	b#: <u>M1981185</u>
ROJECT IDENTIF	ICATION			
Task #: 005	State: Colorado		Abbreviation:	None
Date: 10/4/2019	County: La Plata		Filename:	M185-005
User: LJW				
Agency or orga	nization name: DRMS			
IOURLY EQUIPMI	ENT COST			
Basic Machine: C	at D7R DS XR Series II			
Horsepower: 24				
	emi-Universal	_		
	shank ripper			
	per day			
Data Source: (C	CRG)			
ost Breakdown:		с. <i>13</i>		
		Utilization %		
Ownership Cost/Hour:	\$71.52	NA		
Operating Cost/Hour: Ripper own.		100		
Cost/Hour:		NA		
Ripper op. Cost/Hour:	\$4.69	100		
	ψ1105			
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour:	\$41.24 \$188.58 \$188.58	NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: IATERIAL OUANT Initial Volume: <u>1,9</u> Swell factor: <u>1.4</u>	\$188.58 \$188.58 TITIES 00 30 17 LCY ume: Division of Reclamate			
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: IATERIAL QUANT Initial Volume: 1,9 Swell factor: 1.4 Loose volume: 2,7 Source of estimated vo Source of estimated sw	\$188.58 \$188.58 TITIES 00 30 17 LCY lume: Division of Reclamat ell Cat Handbook	NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: IATERIAL OUANT Initial Volume: 1,9 Swell factor: 1.4 Loose volume: 2,7 Source of estimated voi Source of estimated sw factor:	\$188.58 \$188.58 CITIES 00 30 17 LCY lume: Division of Reclamate ell Cat Handbook FION	NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 1,9 Swell factor: 1.4 Loose volume: 2,7 Source of estimated vol Source of estimated sw factor: IOURLY PRODUCT Average push distance: Unadjusted hourly	\$188.58 \$188.58 00 30 17 LCY lume: Division of Reclamate ell Cat Handbook FION 50 feet 1,022.9 LCY/hr	ion, Mining & Safety		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 1,9 Swell factor: 1.4 Loose volume: 2,7 Source of estimated voi Source of estimated sw factor: IOURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency of Average push	\$188.58 \$188.58 00 30 17 LCY lume: Division of Reclamate ell Cat Handbook FION 50 feet 1,022.9 LCY/hr	ion, Mining & Safety		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 1,9 Swell factor: 1.4 Loose volume: 2,7 Source of estimated voi Source of estimated sw factor: IOURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency of Average push gradient:	\$188.58 \$188.58 CITIES 00 30 17 LCY lume: Division of Reclamate ell Cat Handbook FION	ion, Mining & Safety		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 1,9 Swell factor: 1.4 Loose volume: 2,7 Source of estimated vol Source of estimated vol Source of estimated sw factor: IOURLY PRODUC' Average push distance: Unadjusted hourly production: Materials consistency of Average push gradient: Average site altitude:	\$188.58 \$188.58 00 30 17 LCY hume: Division of Reclamate ell Cat Handbook TION 50 feet 1,022.9 LCY/hr escription: Compacted fill or e 0 % 8,740 feet	ion, Mining & Safety		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: Initial Volume: 1,9 Swell factor: 1.4 Loose volume: 2,7 Source of estimated voi Source of estimated sw factor: IOURLY PRODUCT Average push distance: Unadjusted hourly production: Materials consistency of Average push gradient:	\$188.58 \$188.58 CITIES 00 30 17 LCY lume: Division of Reclamate ell Cat Handbook FION	NA ion, Mining & Safety		

Bulldozer Worksheet Cont'd

Task # 005

Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(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: 0.3124

Adjusted unit production:	319.55 LCY/hr	
Adjusted fleet production:	319.55 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$0.590/LCY

Total job time:	8.50 Hours
Total job cost:	\$1,603

Page 1 of 2

REVEGETATION WORK

Т	ask descrip	otion:	Reveg May Day	2			
Site:	May Day Complex	Idaho Mine	Ре	rmit Action:	SR-02	Permit/Job	o#: <u>M1981185</u>
<u>PF</u>	·	IDENTIFIC	ATION				
<u>PF</u>	ROJECT Task #:	IDENTIFIC	ATION State:	Colorado		Abbreviation:	None
<u>P</u> F	·			Colorado La Plata		Abbreviation: Filename:	None M185-006

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
2			\$	\$
			Total Fertilizer Materials	
			Cost/Acre	\$0.00

Application

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

TILLING

Description		Cost /Acre
Chisel plowing {DMG}		\$94.63
	Total Tilling Cost/Acre	\$94.63

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Big Bluestem - Native	2.00	5.97	\$23.63
Mountain Brome - Bromar	20.00	32.14	\$76.00
Idaho Fescue	4.00	50.51	\$37.90
Slender Wheatgrass - Native	11.00	40.15	\$50.88
Totals Seed Mix	37.00	128.76	\$188.41

Application

Cost /Acre
\$267.22
plication Cost/Acre \$267.22
p

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$295.00	\$590.00
Silt fence, Materials (MEANS 31 25 14.16 1000)	450.00	LINEAR FOOT	\$0.49	\$220.50
Total Mulch Materials Cost/Acre				\$810.50

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$70.17
	Total Mulch Application Cost/Acre	\$70.17

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
		Tot	als Nursery Stoo	:k Cost / Acre	\$0.00

No. of Acres:	0.5	Cost /Acre:	\$1,430.93	
Estimated Failure Rate:	35%	Cost /Acre*:	\$1,430.93	
*Selected Replanting Work Items:	TILLING, SEEDIN	G,MULCHING		-

Initial Job Cost:	\$715.47	
Reseeding Job Cost:	\$250.41	
Total Job Cost:	\$966	
Job Hours:	16.00	

SAFEGUARDING UNDERGROUND OPENINGS

Ta	sk description:	Seal Chief Tunnel			
N Site: C	1ay Day Idaho Mine Complex	Permit Action	: 	Permit/	Job#: <u>M1981185</u>
PROJECT	<u>FIDENTIFICATION</u>	<u>1</u>			
Task #: Date: User:	007 10/4/2019 LJW	State: Colorado County: La Plata		Abbreviation: Filename:	None M185-007
	Agency or organizat	tion name:DRMS			
UNIT CO	<u>STS</u>				

Opening Unit Dimensions Quantity **Closure Method** Unit Description Cost **Total Cost** Chief Tunnel 10' x 10' Adit closure - backfilling 1.00 EA \$2,105.30 \$2,105.30 (per opening)

Job Hours: 8.00

Total Cost: \$2,105.30

Page 1 of 2

REVEGETATION WORK

				ea	Reveg Cheif Are	otion:	Task descrip	Г
41981185	Permit/Job#: M1981185		SR-02	rmit Action:	Ре	Idaho Mine	May Day Complex	Site:
					ATION	IDENTIFIC	ROJECT	P
e	breviation:	Abbrev		Colorado	State:	008	Task #:	
5-008	Filename:	Fil		La Plata	County:	10/4/2019	Date:	
	-					LJW	User:	
5-0	Filename:	Fil		La Plata			User:	

FERTILIZING

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

<u>TILLING</u>

Description	Cost /Acre
Chisel plowing {DMG}	\$94.63
Total Tilling Cost/Acre	e \$94.63

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Big Bluestem - Native	2.00	5.97	\$23.63
Mountain Brome - Bromar	20.00	32.14	\$76.00
Idaho Fescue	4.00	50.51	\$37.90
Slender Wheatgrass - Native	11.00	40.15	\$50.88
Totals Seed Mix	37.00	128.76	\$188.41

Application

Description		Cost /Acre
Hydro seeding (MEANS 32 92 19.14 0200)		\$947.43
•		
	Total Seed Application Cost/Acre	\$947.43

MULCHING and MISCELLANEOUS

Materials

Description Silt fence, Materials (MEANS 31 25 14.16 1000)	Units / Acre 450.00	Unit LINEAR FOOT	Cost / Unit \$0.49	Cost /Acre \$220.50
Total Mulch Materials Cost/Acre				\$220.50

Application

Description		Cost /Acre
Hydromulching (MEANS 32 92 19.13 1100)		\$968.00
	Total Mulch Application Cost/Acre	\$968.00

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
	4				
		Tota	als Nursery Stoc	ek Cost / Acre	\$0.00

No. of Acres:	0.1 Cost /Ac	cre: \$2,418.97
Estimated Failure Rate:	35% Cost /Acr	re*: \$2,418.97
*Selected Replanting Work Items:	TILLING, SEEDING, MULCHING	
Initial Job Cost: \$241.00		

\$241.90	
\$84.66	
\$327	
16.00	
	\$84.66 \$327

DEMOLITION WORK

Ta	sk description:	Dispose of ea	quipment and debris a	at Idaho area		
	May Day Idaho Mine Site: Complex		Permit Action: 	2	Permit	/Job#: M1981185
PROJECT	<u>IDENTIFICATIO</u>	N				
PROJECT Task #:	<u>DENTIFICATIO</u> 009	<u>N</u> State:	Colorado	A	bbreviation:	None
-	····		Colorado La Plata	A	bbreviation: Filename:	None M185-009

UNIT COSTS

Location adjustment: 91.60 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Equipment and debris	75 C.Y.	Loading only, open areas (unconfined) - Track loader	75.00	CY	\$0.52	\$38.70
Haul to landfill (4 full trucks)	16 mi	Hauling only, per mile, 12-18 CY truck - 50 mph average speed	64.00	MI	\$3.17	\$203.05
Dump fees	75 CY	Dump fees - Building construction materials.	75.00	СҮ	\$11.10	\$832.50

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	20.00	(unadjusted):	\$1,074.25	location):	\$984.01

BULLDOZER WORK

May Day Idaho Min Complex	e Permit Action	SR-02	Permit/Jo	b#: <u>M198118</u>
ROJECT IDENTIF	CATION			
Task #: 010	State: Colorado)	Abbreviation:	None
Date: 10/4/2019	County: La Plata		Filename:	M185-010
User: LJW				
Agency or orga	nization name: DRMS			
OURLY EQUIPME	NT COST			
Basic Machine: Ca	t D7R DS XR Series II			
Horsepower: 24				
	mi-Universal			
Attachment: 3-	shank ripper			
	per day			
Data Source: (C	RG)			
ost Breakdown:				
Orrenanshin Cast/IIaum	¢71.50	Utilization %		
Ownership Cost/Hour: Operating Cost/Hour:	\$71.52	NA		
Ripper own.	\$64.34	100		
Cost/Hour:	\$6.80	NA		
Ripper op. Cost/Hour:	\$4.69	100		
Operator Cost/Hour:	\$41.24	NA		
	2			
Total unit Cost/Hour:	\$188.58			
Total Fleet Cost/Hour:	\$188.58			
IATERIAL QUANT	ITIES			
Initial Volume: 2,10				
Swell factor: 1.42				
Loose volume: <u>3,00</u>	O3 LCY			
Source of estimated vol	ume: Division of Reclama	tion, Mining & Safety		
Source of estimated swe				
factor:				
	ION			
OURLY PRODUCT				
	100 frot			
Average push distance:	100 feet			
Average push distance: Unadjusted hourly	100 feet 714.3 LCY/hr			
Average push distance: Unadjusted hourly				
Average push distance: Unadjusted hourly production:	714.3 LCY/hr	kpile 1.0		
Average push distance: Unadjusted hourly production: Materials consistency de	714.3 LCY/hr escription: Consolidated stock	kpile 1.0	*	
Average push distance: Unadjusted hourly production: Materials consistency de Average push	714.3 LCY/hr	kpile 1.0		
Average push distance: Unadjusted hourly production: Materials consistency de Average push gradient:	714.3 LCY/hr escription: <u>Consolidated stock</u> 0 %	kpile 1.0		
Average push distance: Unadjusted hourly production: Materials consistency de Average push	714.3 LCY/hr escription: Consolidated stock	kpile 1.0	8	
Average push distance: Unadjusted hourly production: Materials consistency de Average push gradient: Average site altitude:	714.3 LCY/hr escription: <u>Consolidated stock</u> 0 % 8,740 feet	kpile 1.0	8	
Average push distance: Unadjusted hourly production: Materials consistency de Average push gradient:	714.3 LCY/hr escription: <u>Consolidated stock</u> 0 %	kpile 1.0		
Average push distance: Unadjusted hourly production: Materials consistency de Average push gradient: Average site altitude:	714.3 LCY/hr escription: <u>Consolidated stock</u> 0 % 8,740 feet		»	

Job Condition Correction Factor		Source
Operator Skill:	0.750	(AVG.)
Material consistency:	1.000	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(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: 0.3471

Adjusted unit production:	247.93 LCY/hr
Adjusted fleet production:	247.93 LCY/hr

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.761/LCY

 Total job time:
 12.11 Hours

 Total job cost:
 \$2,284

REVEGETATION WORK

-	y Day Idaho Mine	D				
	mplex	Pe	rmit Action:	SR-02	Permit/Jol	o#: <u>M1981185</u>
<u>PROJ</u>	ECT IDENTIFIC	ATION				
D	sk #: 011 Date: 10/4/2019 Jser: LJW	State: County:	Colorado La Plata		Abbreviation: Filename:	None M185-011

FERTILIZING

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

<u>TILLING</u>

Description		Cost /Acre
Chisel plowing {DMG}		\$94.63
	Total Tilling Cost/Acre	\$94.63

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Big Bluestem - Native	2.00	5.97	\$23.63
Mountain Brome - Bromar	20.00	32.14	\$76.00
Idaho Fescue	4.00	50.51	\$37.90
Slender Wheatgrass - Native	11.00	40.15	\$50.88
Totals Seed Mix	37.00	128.76	\$188.41

Application

Description		Cost /Acre
Broadcast seeding [DMG]		\$267.22
	Total Soud Application Cost/Asso	
	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	\$295.00	\$590.00
Silt fence, Materials (MEANS 31 25 14.16 1000)	600.00	LINEAR FOOT	\$0.49	\$294.00
Total Mulch Materials Cost/Acre				\$884.00

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$70.17
	Total Mulch Application Cost/Acre	\$70.17

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
	-	Tot	als Nursery Stoc	ek Cost / Acre	\$0.00

No. of Acres:	0.85	Cost /Acre:	\$1,504.43	
Estimated Failure Rate:	35%	Cost /Acre*:	\$1,504.43	
*Selected Replanting Work Items:	TILLING, SEEDING, M	ULCHING		

Initial Job Cost:	\$1,278.77
Reseeding Job Cost:	\$447.57
Total Job Cost:	\$1,726
Job Hours:	16.00

BOREHOLE SEALING WORK

	Task description:	Seal monitor	ing wells (4 w	ells)		
Site:	May Day Idaho Mine Complex]	Permit Action:	SR-02	Permit	/Job#:
PROJE	CT IDENTIFICATIO	N				
Task # Date Use	e: 10/4/2019	State: County:	Colorado La Plata		Abbreviation: Filename:	None M185-012
	Agency or organiza	ation name:	ORMS			

UNIT COSTS

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Monitoring well MD1	Portland cement grout - 6 in. (labor, equip, materials)	4	650	650.00	LF	\$5.67	\$3,685.50
Monitoring well MD2	Portland cement grout - 6 in. (labor, equip, materials)	4	200	200.00	LF	\$5.67	\$1,134.00
Monitoring well Idaho	Portland cement grout - 6 in. (labor, equip, materials)	4	180	180.00	LF	\$5.67	\$1,020.60
Monitoring well La Plata River	Portland cement grout - 6 in. (labor, equip, materials)	4	25	25.00	LF	\$5.67	\$141.75

Job Hours: 40.00

Total Cost: \$5,982.00

Page 1 of 3

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Mo	bilizatiion					
May Day Idaho Complex	Mine	Permit	Action: SR-0	2		Permit/Job#:M	1981185
PROJECT IDEN	TIFICATI	<u>ON</u>					
Task #: 013 Date: 10/4/ User: LJW	2019		olorado Plata		the second se	eviation: <u>None</u> ilename: <u>M185</u>	-013
Agency or	organization	name: DRMS					
EQUIPMENT TI	RANSPOR'	<u>F RIG COST</u>					
					Shift ba Cost Data Sou		
	Tractor Descr Trailer Descr		ENERIC FOLD	400 HP DING GOO	(2ND HALF,	ROP DECK EQU	-
Cost Breakdown:							
Available Rig Ca Ownership (0-25 Tons \$17.20	26-50 Tons \$29.63		+ Tons 38.69		
Operating (Operator (Cost/Hour:	\$26.56 \$23.63	\$47.02 \$23.63	\$4	55.69 23.63		
	Cost/Hour:	\$0.00 \$67.39	\$23.53 \$123.81	\$2	23.53 41.54		
ION ROADABL	E EQUIPN	IENT:					
Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/uni t	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat 319D L 8'-10" Stick	21.50	\$34.75	\$67.39	1	\$102.14	\$67.39	\$250.00
Cat D7R DS XR	35.93	\$78.32	\$123.81	1	\$202.13	\$123.81	\$250.00
Series II	1	A10.15	\$67.39	1	\$85.54	\$67.39	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$18.15	\$07.39				φ250.00
Drill/Broadcast Seeder with	25.00	\$18.15	\$123.81	1	\$147.40	\$123.81	\$250.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 3/4 T.	\$12.96	1	\$12.96	\$12.96
Fuel Tanker, 4x2, 170 HP	\$27.02	1	\$27.02	\$27.02
Water Tanker, 5,000 Gal.	\$67.39	1	\$67.39	\$67.39

Subtotals: \$107.37 \$107.37

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	DURANGO	
Total one-way travel distance:	15.00	miles
Average Travel Speed:	40.00	mph
Total Non-Roadable Mob/Demob Cost *	\$13,911.94 \$80.53	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.38	0.38
Return Time (Hours):	0.38	0.38
Loading Time (Hours):	4.00	NA
Unloading Time (Hours):	4.00	NA
Subtotals:	8.75	0.75

JOB TIME AND COST

Total job time:	17.50	Hours

Total job cost: \$13,992