

February 27, 2024

Franchesca Mallonee Oldcastle SW Group, Inc. dba Four Corners Materials 9755 CR 213 Durango, CO 81303

Re: Bayfield Pit No. 1 - File No. M-1987-038 Oldcastle SW Group, Inc. dba Four Corners Materials Surety Increase (SI-2)

Dear Franchesca Mallonee:

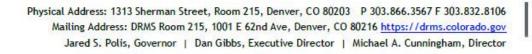
On February 27, 2024 the Division of Reclamation, Mining and Safety increased the Financial Warranty requirement for this permit to \$82,418.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$29,436.00.

The Division ordered amendment of the current Financial Warranty, or submittal of a new Financial Warranty reflecting the increase, is due within 60 days from the date of this letter (February 27, 2024).

Please make arrangements with Sara M. Stevenson-Benn at the Division's Denver office for submittal of the financial warranty. Any other questions regarding completion, execution and/or submittal of financial warranty forms should also be directed to Sara M. Stevenson-Benn by telephone at (303) 866-3567 (8148), or by email at Sara.stevenson-benn@state.co.us.

The Permittee for this site may be scheduled for a Formal Board Hearing for possible revocation of the permit after April 27, 2024, if the amount of any increased Financial Warranty has not been provided.

Bond Held:	\$52,982.00
Prior Liability:	\$52,982.00
Change in Liability:	\$29,436.00
Revised Liability:	\$82,418.00
Prior Permit Acreage:	84.83
Change in Permit Acreage:	0.00





Revised Permit Acreage:	84.83
Prior Affected Acreage:	27.00
Change in Affected Acreage:	0.00
Revised Affected Acreage:	27.00

If you have any questions, please contact me by telephone at (303) 866-3567 x 8188, or by email at Dustin.czapla@state.co.us.

Sincerely,

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Dustin M. Czapla Environmental Protection Specialist

M-GR-04

January 25, 2024

Franchesca Mallonee Oldcastle SW Group 9755 CR 213 Durango, CO 81303



1313 Sherman Street, Room 215 Denver, CO 80203

RE: Bayfield Pit No. 1, Permit # M-1987-038, Reclamation Costs Update

Dear Operator:

In an effort to ensure the Financial Warranty for the above referenced site adequately reflects the actual current costs of fulfilling the requirements of the approved reclamation plan, the Colorado Division of Reclamation, Mining and Safety (Division) has updated the reclamation cost estimate (copy enclosed) for this site. Division calculations estimate the cost to reclaim the site to be \$82,418.00. This is an increase of \$29,436.00 over the \$52,982.00 currently held by the Division.

Within 15 days, please review the attached estimate and notify me if any calculation errors are noted.

If you require additional information, or have questions or concerns, please contact me.

Sincerely,

Dustin Czapla Environmental Protection Specialist Division of Reclamation, Mining and Safety Phone: (303) 866-3567, ext. 8188



COST SUMMARY WORK

Task desc	ription:	2024-01-19 Upd	ate			
Site: Bayfiel	d Pit No. 1	Pe	rmit Action:	2024-01-19 Update	Permit/Jol	o#: <u>M1987038</u>
PROJEC [*]	T IDENTIFI	CATION				
Task #	: 000	State:	Colorado		Abbreviation:	None
Date	: 1/19/2024	County:	La Plata		Filename:	M1987038000
User	: DMC					

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Dewater pit to reclaim slopes	PUMPING	1	63.33	\$3,365
01a 02a	Reduce highwalls to 3:1 and general dozing around site	DOZER	1	9.52	\$4,385
03a	Rip compaction in disturbed area	RIPPER	1	18.70	\$8,783
04a	Replace Topsoil on Disturbed Areas	DOZER	1	31.19	\$14,366
05a	Revegetation	REVEGE	1	15.00	\$27,603
06a	Mobilize Reclamation Equipment	MOBILIZE	1	6.51	\$6,346
		<u>SUBTO</u>	<u>TALS:</u>	144.25	\$64,848

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$1,310
Performance bond:	1.05	Total =	\$681
Job superintendent:	72.12	Total =	\$4,694
Profit:	10.00	Total =	\$6,485
		TOTAL O & P =	\$13,169
		CONTRACT AMOUNT (direct + O & P) =	\$78,017

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	\$500 0.00 5.00	Total = Total =	\$500 \$0 \$3,901
CONTINGENCY:	0.00	Total =	\$0
	TOTAL I	NDIRECT COST =	\$17,570
TOTAL BO	ND AMOUNT (lirect + indirect) =	\$82,418

PUMPING WORK

Task description:	Dewater pit to reclaim	slopes		
te: Bayfield Pit No. 1	Permit Act	tion: 2024-01-19 Update	Permit/Job#:	M1987038
PROJECT IDENTIFIC	CATION			
Task #: 01A	State: Colo	rado	Abbreviation:	None
Date: 1/19/2024	County: La P		Filename:	M038-01a
User: DMC			=	
Agency or organi	zation name: DRMS			
HOURLY EQUIPMEN	NT COST			
	Description		Quantity	
Make and Model:	Centrifugal pump - 40M,	4 in.	1	
Attachment 1:	Suction hose - 4 in. diam.		3	
Attachment 2:	Discharge hose - 4 in. D.,	, 25 ft.	3	
Labor Unit 1:	Pump operator		1	
Horsepower: 4	15			
	r day			
Weight: 0.	70			
	Tons)			
Cost Breakdown:				
		Utilization %		
Ownership Cost/He		NA		
Operating Cost/H		100		
Operator Cost/He		NA		
Total Unit Cost/He	bur: \$53.13			
Total Fleet Cost/H	our: \$53.13			
PUMPING QUANTIT	IES			
Initial Pond Volur	ne: 392,040.00		Conversion factor:	7.4805
Final Pond Volur	ne: 2,932,655.22	gallons		
Total Pond Inflow Surf	ace		Unit inflow rate in	
	ea: 2	Sq. ft.	gph/sq. ft.:	0.0000
Total Pond Inflow Volu				
per Ho		gallons		
	estimated volume: DR	MS estimations		
PUMPING TIME				
	num Pump Capacity:	40,000	gph/pump	
	mated Suction Head:	10	feet	
Estim	ated Discharge Head:	5	feet	
	Total Head:	15	feet	
	CPB Pump Capacity:	39,900	gph/pump	
	Site Altitude:	6,770	feet	
Δ diuste	d Pumping Capacity:	39,900	gph	
	usted Pumping Time:	73.50	hours	
	ring Initial Pumping:	0	gallons	
	usted Pumping Time:	73.50	Hours	
	e Adjustment Factor:	0.9400	(3% rule)	
	np Efficiency Factor:	0.9167	(55 min./hr.)	
	usted Pumping Time:	63.33	hours	
JOB TIME AND COS	<u>r</u>	Total job tim	e: 63.33	Hours
		1000 1111		110015
Unit cost: \$0.001	147 /Gallon	Total job cos	st: \$3,365	

BULLDOZER WORK

Bayfield Pit No. 1	I	Permit Action:	2024-01-19 Update	Permit/Job#:	M1987038
PROJECT IDENTIF	FICATION				
Task #: 02A	State	e: Colorado		Abbreviation:	None
Date: 1/19/2024		-		Filename:	M038-02a
User: DMC					
Agency or orga	anization name:	DRMS			
HOURLY EQUIPM	ENT COST				
Basic Machine: Ca	at D9T - 9SU				
Horsepower: 40					
Blade Type: Se	emi-Universal				
Attachment: 3-s	shank ripper				
Shift Basis: 1	per day				
Data Source: (C	CRG)				
Cost Breakdown:					
			Utilization %		
Ownership Cost/Hour:		\$238.76	NA		
Operating Cost/Hour:		\$162.29	100		
Ripper own. Cost/Hour:		\$18.32	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$41.30	NA		
	58				
Initial Volume: 7,95 Swell factor: 1.25	50				
Swell factor: 1.2.	50 48 LCY ume:	on of Reclamati andbook	on, Mining & Safety		
Swell factor: 1.2: Loose volume: 9,94 Source of estimated volu	50 48 LCY ume: Divisio Il factor: Cat Ha		on, Mining & Safety		
Swell factor: 1.2: Loose volume: 9,94 Source of estimated volu Source of estimated swe	50 48 LCY ume: <u>Divisional</u> United States of the set of the s	andbook	on, Mining & Safety		
Swell factor: 1.2: Loose volume: 9,94 Source of estimated volu Source of estimated swe HOURLY PRODUC	50 48 LCY ume: Division 11 factor: Cat Ha 2 TION 50 feet uction: 2,110.5 I	andbook			
Swell factor: 1.2: Loose volume: 9,94 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ	50 48 LCY ume: Division 11 factor: Cat Ha 2 TION 50 feet uction: 2,110.5 I	andbook LCY/hr			
Swell factor: 1.2: Loose volume: 9,94 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient:	50 48 LCY ume: <u>Division</u> 11 factor: <u>Cat Ha</u> 2 TION uction: <u>50 feet</u> <u>2,110.5 I</u> escription: <u>Con</u> <u>-10 %</u>	andbook LCY/hr			
Swell factor: 1.2: Loose volume: 9,94 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude:	50 48 LCY ume: Division Output Cat Ha TION State uction: 50 feet uction: 2,110.5 I escription: Con -10 % 6,700 feet	andbook LCY/hr npacted fill or en			
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Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(SSD-AC)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.4952	
Adjusted unit production: 1	,045.12 LCY/hr	
Adjusted fleet production: 1	045.12 LCY/hr	

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.441/LCY

Total job time:	9.52 Hours
Total job cost:	\$4,385

BULLDOZER RIPPING WORK

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	: Bayfield Pit N			mit Action:	2024-01-19 U	pdate I	Permit/Job#	: <u>M1987</u>)38
	PROJECT ID		<u>ION</u>						
	Task #: 03		State:	Colorado			breviation:	None	
		19/2024	County:	La Plata			Filename:	M038-03	3a
		MC							
	Agency	v or organization	n name: DF	RMS					
	HOURLY EQ	UIPMENT C	COST						
	Basic	Machine: Ca	at D9T - 9SU			Horsepower:		405	
	Ripper At		Shank Ripper			Shift Basis:		per day	
						Data Source:	(CRG)	
	Cost Breakdown	:							
		_				Utilization %			
		Ownership C			\$238.76	NA	_		
		Operating C			\$162.29	100	_		
		er Ownership C per Operating C			\$18.32 \$8.98	NA 100	_		
	KIP	Operating C Operator C			\$41.20	NA	_		
		Total Unit C			\$469.65	1471	_		
			—						
		Total Fleet C	Cost/Hour:	\$46	9.65				
	MATERIAL (QUANTITIES	<u>S</u>	Sel	ected estimating	method: Are	ea		
	Alternate Metho	ds			C	·			
		<u>us.</u>	D			DOL		3.7.4	
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mic: trea:		acres		k Volume: Depth (ft):	NA 1.00		20,973	NA	BCY or
	NA	acres		Depth (ft):	1.00		20,973	NA	BCY or
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BULLDOZER WORK

Task description:					
Bayfield Pit No. 1	Perr	mit Action:	2024-01-19 Update	Permit/Job#:	M1987038
PROJECT IDENTIFIC	ATION				
Task #: 04A	State:	Colorado		Abbreviation:	None
Date: $1/19/2024$	County:	La Plata		Filename:	M038-04a
User: DMC	County.	La Tiata		Thename.	11030-0 4 a
Agency or organiza	ation name: DR	RMS			
HOURLY EQUIPMEN	<u>r cost</u>				
Basic Machine: Cat D9	9T - 9SU				
Horsepower: 405					
	Universal				
	ık ripper				
Shift Basis: 1 per c					
Data Source: (CRG)					
Cost Breakdown:			I Ttiligation 0/		
Ownership Cast/Have		\$720 76	Utilization %		
Ownership Cost/Hour:		\$238.76	NA 100		
Operating Cost/Hour:		\$162.29	100 NA		
Ripper own. Cost/Hour:		\$18.32	NA		
		\$0.00	0		
Ripper op. Cost/Hour:		A 11 00			
Operator Cost/Hour:	\$460.67 \$ 460.67 TES	\$41.30	NA		
Operator Cost/Hour:	\$460.67	\$41.30	NA		
Operator Cost/Hour:	\$460.67	\$41.30	NA		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTIT Initial Volume:13,982	8460.67 <u>TES</u>	\$41.30	NA		
Operator Cost/Hour:	5460.67 TES LCY				
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTIT Initial Volume: Swell factor: Loose volume: 1250 17,478 Source of estimated volume:	S460.67 TES LCY : _ Assume 1	 3 Acres to b	NA		
Operator Cost/Hour:	S460.67 TES LCY : _ Assume 1	 3 Acres to b			
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTIT Initial Volume: Swell factor: Loose volume: 13,982 1.250 1.250 17,478 Source of estimated volume: Source of estimated swell factor:	HES LCY : Assume 1 ctor: Cat Hand	 3 Acres to b			
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTIT Initial Volume: Swell factor: Loose volume: 1250 17,478 Source of estimated volume:	HES LCY : Assume 1 ctor: Cat Hand	 3 Acres to b			
Operator Cost/Hour:	HES LCY : Assume 1 ctor: Cat Hand	 3 Acres to b			
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUANTIT Initial Volume: Swell factor: Loose volume: 13,982 1.250 1.250 1.250 Loose volume: 17,478 Source of estimated volume: Source of estimated swell factor: HOURLY PRODUCTIC Average push distance:	S460.67 IES LCY :	3 Acres to b			
Operator Cost/Hour:	S460.67 'IES LCY : Assume 1 ctor: Cat Handl DN on: 1,243.2 LCY	3 Acres to b book			
Operator Cost/Hour:	S460.67 'IES LCY : Assume 1 ctor: Cat Handl DN on: 1,243.2 LCY	3 Acres to b book	be topsoiled and reveged		
Operator Cost/Hour:	S460.67 'IES LCY : Assume 1 ctor: Cat Handl DN on: 1,243.2 LCY	3 Acres to b book	be topsoiled and reveged		
Operator Cost/Hour:	S460.67 IES LCY : Assume 1 ctor: Cat Handle DN in: 100 feet 1,243.2 LCY ption: Compare	3 Acres to b book	be topsoiled and reveged		
Operator Cost/Hour:	S460.67 IES LCY : Assume 1 ctor: Cat Hand DN on: 100 feet 1,243.2 LCY ption: Compare 5 %	3 Acres to b book	be topsoiled and reveged		
Operator Cost/Hour:	S460.67 IES LCY : Assume 1 ctor: Cat Hand DN on: 100 feet 1,243.2 LCY ption: Compare 5 %	3 Acres to b book	be topsoiled and reveged		
Operator Cost/Hour:	S460.67 IES LCY ctor: Assume 1 Cat Handle DN on: 100 feet 1,243.2 LCY ption: Compare 5 % 5,700 feet	 3 Acres to b book Y/hr cted fill or en	be topsoiled and reveged		
Operator Cost/Hour:	S460.67 IES LCY ctor: Assume 1 ctor: Cat Handle DN on: 100 feet 1,243.2 LCY ption: Compare 5 % 5,700 feet 2,550 lbs/LCY Earth - Dry packed	 3 Acres to b book Y/hr cted fill or en	be topsoiled and reveged means the second s		
Operator Cost/Hour:	S460.67 IES LCY ctor:	 3 Acres to b book Y/hr cted fill or en	be topsoiled and reveged mbankment 0.9 Source		
Operator Cost/Hour:	S460.67 IES LCY :	 3 Acres to b book Y/hr cted fill or en	be topsoiled and reveged mbankment 0.9 <u>Source</u> (AVG.)		
Operator Cost/Hour:	S460.67 IES LCY : Assume 1 ctor: Cat Handle DN on: 100 feet 1,243.2 LCY ption: Compare 5 % 5,700 feet 2,550 lbs/LCY Earth - Dry packed ctor II: 0.7 wy: 0.9		be topsoiled and reveged mbankment 0.9 Source		

Job efficienc	y: 0.830	(1 SHIFT/DAY)
Spoil pil	e: 0.800	(SSD-AC)
Push gradier	nt: 1.115	(CAT HB)
Altitud	e: 1.000	(CAT HB)
Material Weigh	nt: 0.902	(CAT HB)
Blade typ	e: 1.000	(PAT)
Net correctio	n: 0.4508	
Adjusted unit production:	560.43 LCY/hr	
Adjusted fleet production:	560.43 LCY/hr	

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.822/LCY

Total job time:	31.19 Hours
Total job cost:	\$14,366

REVEGETATION WORK

Task descri	otion:	Revegetation				
Site: Bayfield	Pit No. 1	Per	mit Action:	2024-01-19 Update	Permit/Joł	o#: M1987038
PROJECT	IDENTIFIC	ATION				
Task #:	05A	State:	Colorado		Abbreviation:	None
Date:	1/19/2024	County:	La Plata		Filename:	M038-05a
2						

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
8-32-16, 16-20-0	200.00	pound	\$0.90	\$179.34
			Total Fertilizer Materials	
			Cost/Acre	\$179.34

Application

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$41.82
Total Fertilizer Applic	cation Cost/Acre \$41.82

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$112.82
Total Tilling Cost/Acre	\$112.82

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Nespar	1.90	6.15	\$16.86
Arizona Fescue - Redondo	0.90	10.33	\$8.33
Blue Grama - Lovington	0.20	3.26	\$3.20
Crested Wheatgrass - Fairway	1.00	4.59	\$4.03
Streambank Wheatgrass - Sodar	2.30	7.50	\$13.11
Western Wheatgrass - Barton	4.00	10.10	\$28.00
Totals Seed Mix	10.30	41.94	\$73.52

Application

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

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$429.79	\$859.57
Total Mulch Materials Cost/Acre				\$859.57

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$74.46
Power mulcher (MEANS 32 91 13.16 0350)		\$147.67
	Total Mulch Application Cost/Acre	\$222.13

NURSERY STOCK PLANTING

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

JOB TIME AND COST

	No. of Acres: ed Failure Rate: ng Work Items:	25%	Cost /Acre: Cost /Acre*: EDING,MULCHING	
Initial Job Cost:	\$22,375.60			
Reseeding Job Cost:	\$5,227.24			
Total Job Cost:	\$27,603			
Job Hours:	15.00			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

	sk description:		bilize Reclamatio					
: <u>I</u>	Bayfield Pit No.	.1	Permit	Action: 2024	-01-19 Upd	late	Permit/Job#: <u>M</u>	1987038
<u>PR(</u>	DJECT IDEN	TIFICATI	<u>ON</u>					
1	Task #: 06A		State: Co	olorado		Abbro	eviation: None	
	Date: 1/19/ User: DMC	2024 C	County: La	Plata		Fi	ilename: M038	-06a
	Agency or	organization	n name: DRMS					
EQI	UIPMENT TI	RANSPOR	<u>T RIG COST</u>					
						Shift ba	sis: 1 per da	V
					C	Cost Data Sou		
	Truck '	Fractor Desc	ription: GENE	RIC ON-HIGH	WAV TRI		OR, 6X4, DIESEL	POWERED
	TTUCK		Inpuoli. OENE	KIC ON-IIIOII		(2ND HALF,		TOWERED,
	Truck	Trailer Desc	ription G	ENERIC FOLD			ROP DECK EQU	IPMENT
	1100h		inputoin. Of			(25T, 50T, Al		
Cost	Breakdown:							
Av	ailable Rig Ca	pacities	0-25 Tons	26-50 Tons	51+	Tons		
	Ownership (\$20.26	\$36.04		7.05		
	Operating (\$39.51	\$76.08		2.85		
	Operator (\$22.52	00 \$23.53 \$23.53				
		Cost/Hour:	\$0.00					
	Total Unit (Cost/Hour:	\$82.29	\$158.17	\$1′	75.95		
NO	N ROADABL	E EQUIPN	<u>MENT:</u>					
M٤	achine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
De	escription	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	1	(TONS)		t		fleet		
Cat	t D9T - 9SU	66.13	\$257.08	\$175.95	1	\$433.03	\$175.95	\$250.00
Cer 401	ntrifugal pump - M, 4 in.	0.70	\$9.16	\$82.29	1	\$91.45	\$82.29	\$250.00
Dri	ill/Broadcast	25.00	\$6.73	\$82.29	1	\$89.02	\$82.29	\$250.00
	eder with							
T	actor							
		6 00	\$25.94	\$82.29	1	\$108.23	\$82.29	\$250.00
Pov	wer Mulcher owie LD-90)	6.00	\$23.7 4	\$62.27	1	\$100.25	\$62.29	\$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.	\$15.83	1	\$15.83	\$15.83
		Subtotals:	\$15.83	\$15.83

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	DURANGO 22.00 35.00	miles mph
Total Non-Roadable Mob/Demob Cost *	\$6,325.78	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$19.90	

Transportation Cycle Time:

JOB TIME AND COST

Total job time: 6.51 Hours

Total job cost: **\$6,346**