STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY

Department of Natural Resources

1313 Sherman St., Room 215 Denver, Colorado 80203 Phone: (303) 866-3567 FAX: (303) 832-8106



John W. Hickenlooper Governor

Mike King Executive Director

Virginia Brannon Director

May 21, 2014

Scott Calhoon Winding Stair Resources, LLC 210 Park Avenue, Suite 2820 Oklahoma City, OK 73102

Re: Sag-Cal Project, NOI No. P-2014-004, Notice of Intent is Adequate for Approval, Additional Financial Warranty Required

Dear Mr. Calhoon,

On May 21, 2014 the Division found that all technical issues were adequate with your Notice of Intent to Conduct Prospecting. At the time of submitting your Notice of Intent you provided a \$2,000.00 financial warranty, which has been accepted and is considered posted for this project. The Division has estimated the reclamation costs, which exceed the amount of financial warranty (bond) posted. The BLM office in Saguache, Colorado has agreed with the Division's estimate of reclamation costs.

The reclamation cost estimate is enclosed herewith for your information. Please review the costs and notify me promptly if you notice any errors or omissions.

At this time, the single remaining deficiency is the lack of sufficient bond. The Division has estimated the total reclamation costs to be \$2,588.06. An additional bond of \$588.06 must be provided before the Notice of Intent can be fully approved. No prospecting activity may commence until the Division has reviewed and accepted the additional bond.

Please contact me if you have any questions: phone 970-247-5193, or email bob.oswald@state.co.us.

Sincerely,

Bob Oswald Environmental Protection Specialist

Encl: Reclamation cost estimate

Ec: Barbara Coria, DRMS Denver Russ Means, DRMS Grand Junction Andrew Archuleta, BLM Saguache

(c:\14-05 docs\Sag-Cal NOI fw-appr/rco)

COST SUMMARY WORK

Task de	scription:	Cost summary						
Site:	Sag-Cal			P	ermit Action: <u>N</u>	ew NOI	Permit/	Job#: <u>P2014004</u>
<u>P</u>	ROJECI	<u>IDENTIFICATI</u>	<u>ON</u>					
	Task #:	000	State:	Colorado			Abbreviation:	None
	Date:	5/2/2014	County:	Saguache)		Filename:	P004-000
	User:	RCO						
	Ag	ency or organization	name: DR	MS				
	-							
<u>T</u>	ASK LIS	T (DIRECT COS	<u>FS)</u>					
Task					Form	Fleet	Task	
	Descrip				Used	Size	Hours	Cost
001	Close dr				BOREHOLE	1	8.00	\$161.21
002	<u> </u>	drill pads			LOADER	1	4.04	\$338.00
003	-	topsoil on drill pads			LOADER	1	1.07	\$90.00
004		sediment controls (w			DEMOLISH	1	4.00	\$477.60
005		ate drill pads and tem			REVEGE	1	8.00	\$550.77
006	Haul rec	lamation equipment t	o and from s	ite	MOBILIZE	1	5.60	\$562.33
					<u>SUBTO</u>	TALS:	30.71	\$2,179.91
		COSTS					I	
<u>U</u>		D AND PROFIT:						
		•	2.02%					44.03
			1.05%					22.89
	Jo		0.00 hrs					0.00
		Profit:	10.00%				Total = \$	217.99

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	0.00 0.00% 5.00%	Total = Total =	0.00 \$0.00 \$123.24	
CONTINGENCY:	0.00	Total = _	\$0.00	
	TOTAL INI	DIRECT COST = $_{-}$	\$408.15	_
TOTAL BO	OND AMOUNT (dir	ect + indirect) = _	\$2,588.06	_

TOTAL O & P = \$284.91CONTRACT AMOUNT (direct + O & P) = \$2,464.82

Note: Figures assume that financial warranty will be in the form of cash bond, with no engineering work necessary.

BOREHOLE SEALING WORK

	Task description:	Close drill hole			
Site:	Sag-Cal	Permit Action:	New NOI	Permit/.	Job#: P2014004
<u>PROJE</u>	CT IDENTIFICATIO	N			
Task # Date User	: 5/1/2014	State: <u>Colorado</u> County: <u>Saguache</u>		Abbreviation: Filename:	None P004-001
	Agency or organiza	tion name: DRMS	-		

UNIT COSTS

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Backfill with cuttings	Manual backfill	5	na	1.00	EA	\$100.00	\$100.00
Set plug	PVC plug - 4 in. diameter borehole	5	na	1.00	EA	\$28.45	\$28.45
Cement grout	Portland cement grout - 6 in. (labor, equip, materials)	5	na	3.00	LF	\$10.92	\$32.76
	Job 1	Hours:	8.00		Total	Cost:	\$161.21

Notes:

- 1. Task assumes that drill hole does not intercept aquifer and may be closed by backfilling cuttings and shallow plugging. Cuttings will not fill borehole due to volume of core removed.
- 2. Plug may consist of 3 column feet of polyurethane or cement, above a set PVC or steel plug.
- 3. Mixing and installation of plug materials will be done manually, with no additional equipment needed.
- 4. There will be only one drill hole open at a time.

WHEEL LOADER - LOAD AND CARRY WORK

	Permit	Action:	New NOI		Permit/Job#:	P2014004
ROJECT IDENTIFIC	<u>CATION</u>					
Task #: 002	State: 0	Colorado			Abbreviation:	None
Date: 5/2/2014	County: S	Saguache			Filename:	P004-002
User: RCO		*				
Agency or organiz	zation name:DRM	s				
IOIDI V FOIIDMEN	T COST					
HOURLY EQUIPMEN						
	CAT 446D			Horsepow		101
Attachment 1:R	OPS Cab			Shift Bas		er day
				Data Sour	ce:(C	CRG)
Cost Breakdown:						
			Utilization %			
Ownership Cost/Ho	our: \$17.31		NA			
Operating Cost/Ho	our: \$30.37		100			
Operator Cost/Ho	our: \$35.82		NA			
Total Unit Cost/Ho	our: \$83.49					
Total Fleet Cost/Ho						
Total Fleet Cost/Ho	our: \$83.49					
MATERIAL QUANTI	<u>ries</u>					
Initial volume: 400		CCY	Swell fac	tor: 1.000)	
initial volume. 400		LCY	5			
	400					
Loose volume:					_	
Loose volume: Source of e	estimated volume:	Division (of Reclamation,	Mining & S	afety	
Loose volume: Source of e	estimated volume:			Mining & S	afety	
Loose volume: Source of e Source of estin	estimated volume:	Division (Mining & S	afety	
Loose volume: Source of e	estimated volume:	Division (Mining & S	afety	
Loose volume: Source of estin	estimated volume:	Division Cat Hand	book		afety	minutes
Loose volume: Source of a Source of estin HOURLY PRODUCTIO	estimated volume:	Division Cat Hand	book	neuver):	0.475	
Loose volume: Source of estin Source of estin HOURLY PRODUCTIO oader Cycle Time: Cycle Time Factors	estimated volume: nated swell factor: ON Unadjusted Basic Cyc	Division (Cat Hand cle Time (book (load, dump, mar	neuver):	0.475	Source
Loose volume: Source of estin Source of estin HOURLY PRODUCTIO oader Cycle Time: Cycle Time Factors Material:	estimated volume: nated swell factor: ON Unadjusted Basic Cyc Material 3/4" to 6"	Division (Cat Hand cle Time (' diameter	book (load, dump, mar 0.00	neuver):	0.475 actor (min.) 0.000	Source (Cat HB)
Loose volume: Source of estin Source of estin HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile:	estimated volume: nated swell factor: ON Unadjusted Basic Cyc Material 3/4" to 6" No adjustment - fa	Division (Cat Hand cle Time (<u>' diameter</u> ictor not a	book (load, dump, mar 0.00 pplicable 0.00	neuver):	0.475 actor (min.) 0.000 0.000	Source (Cat HB) (Cat HB)
Loose volume: Source of estin Source of estin HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership:	estimated volume: nated swell factor: ON Unadjusted Basic Cyo Material 3/4" to 6" No adjustment - fa No adjustment - fa	Division Cat Hand cle Time diameter ctor not a ctor not a	book (load, dump, mar 0.00 pplicable 0.00	neuver):	0.475 actor (min.) 0.000 0.000 0.000	Source (Cat HB) (Cat HB) (Cat HB)
Loose volume: Source of estin Source of estin HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	estimated volume: nated swell factor: ON Unadjusted Basic Cyc Material 3/4" to 6" No adjustment - fa No adjustment - fa Inconsistent operation	Division Cat Hand cle Time diameter ctor not a ctor not a tion 0.04	book (load, dump, mar 0.00 pplicable 0.00 pplicable 0.00	neuver):	0.475 actor (min.) 0.000 0.000 0.000 0.040	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Loose volume: Source of estin Source of estin HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership:	estimated volume: nated swell factor: ON Unadjusted Basic Cyo Material 3/4" to 6" No adjustment - fa No adjustment - fa	Division Cat Hand cle Time diameter ctor not a ctor not a tion 0.04 ctor not a	book (load, dump, mar 0.00 pplicable 0.00 pplicable 0.00 pplicable 0.00	neuver): 	0.475 actor (min.) 0.000 0.000 0.000 0.040 0.000	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Loose volume: Source of estin Source of estin HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	estimated volume: nated swell factor: ON Unadjusted Basic Cyc Material 3/4" to 6" No adjustment - fa No adjustment - fa Inconsistent operation	Division Cat Hand cle Time diameter ictor not a ictor not a tion 0.04 ictor not a Net Cyc	book (load, dump, mar 0.00 pplicable 0.00 pplicable 0.00 pplicable 0.00 le Time Adjustm	neuver): Fa	0.475 actor (min.) 0.000 0.000 0.040 0.040 0.040	(Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose volume: Source of estim Source of estim HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target:	estimated volume: nated swell factor: ON Unadjusted Basic Cyc Material 3/4" to 6" No adjustment - fa No adjustment - fa Inconsistent operat No adjustment - fa	Division Cat Hand cle Time diameter ictor not a ictor not a tion 0.04 ictor not a Net Cyc	book (load, dump, mar 0.00 pplicable 0.00 pplicable 0.00 pplicable 0.00	neuver): Fa	0.475 actor (min.) 0.000 0.000 0.000 0.040 0.000	Source (Cat HB (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Loose volume: Source of estin Source of estin HOURLY PRODUCTIO Loader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	estimated volume: nated swell factor: ON Unadjusted Basic Cyc Material 3/4" to 6" No adjustment - fa No adjustment - fa Inconsistent operat No adjustment - fa	Division Cat Hand cle Time diameter ictor not a ictor not a tion 0.04 ictor not a Net Cyc	book (load, dump, mar 0.00 pplicable 0.00 pplicable 0.00 pplicable 0.00 le Time Adjustm	neuver): Fa	0.475 actor (min.) 0.000 0.000 0.040 0.040 0.040	Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose volume: Source of estim Source of estim IOURLY PRODUCTIO oader Cycle Time: Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target:	estimated volume: nated swell factor: ON Unadjusted Basic Cyc Material 3/4" to 6" No adjustment - fa No adjustment - fa Inconsistent operat No adjustment - fa	Division of Cat Hand cle Time of diameter ctor not a ctor not a tion 0.04 ctor not a Net Cyc Adjuste	book (load, dump, mar 0.00 pplicable 0.00 pplicable 0.00 le Time Adjustn d Basic Cycle T	neuver): Fa	0.475 actor (min.) 0.000 0.000 0.000 0.040 0.040 0.515	Source (Cat HB (Cat HB (Cat HB (Cat HB (Cat HB (Cat HB minutes

Haul and Return Time

	Length (feet)	Grade Res. (%)	Rolling Res. (%)	Total Res. (%)	Travel Time (minutes)	Source
Haul Route:	50	5.00	5.00	10.00	0.0563	(Cat HB)
Return Route:	50	5.00	5.00	10.00	0.0563	(Cat HB)

		Total Travel Time:0.1126minutesTotal Cycle Time:0.6276minutes
Load Bucket Capacity		
Rated Capacity: Bucket Fill Factor: Adjusted Capacity:	1.50 0.875 1.31	LCY (heaped) Loose material - 1/2" to 3/4" (85 - 90%) 0.875 LCY
Job Condition Correction Fa Site Altitude: <u>8500</u> feet	<u>ictors</u>	
Altitude Adj: Job Efficiency: Net Correction:	0.95 0.83 0.79	Source (CAT HB) (1 shift/day) multiplier
Adju	nsted Hourly Unit I Isted Hourly Unit I sted Hourly Fleet I	Production: 98.94 LCY/Hour
JOB TIME AND COST		
Fleet size:1	Loader(s)	Total job time: 4.04 Hours
Unit cost:\$0.844	/LCY	Total job cost: \$338.00

Note: Task assumes light surface grading of pad areas as needed, at 12 inches average depth, by backdragging material with loader blade.

WHEEL LOADER - LOAD AND CARRY WORK

Task description:	Respread topsoil on dr	ill pads		
Sag-Cal	Permit Ac	tion: New NOI	Perm	it/Job#: <u>P201400</u>
PROJECT IDENTIFIC	CATION			
Task #: 003		orado	Abbrev	iation: None
Date: 5/2/2014		lache		name: P004-003
User: RCO				
Agency or organi	zation name: DRMS			
HOURLY EQUIPMEN	T COST			
	CAT 446D	Hor	sepower:	101
	KOPS Cab		ift Basis:	l per day
			a Source:	(CRG)
<u>Cost Breakdown:</u>				
		Utilization %		
Ownership Cost/Ho		NA		
Operating Cost/Ho		100		
Operator Cost/Ho		NA		
Total Unit Cost/Ho	our: \$83.49			
Total Fleet Cost/H	our: \$83.49			
MATERIAL QUANTI	<u>ries</u>			
Initial volume: 100			1.000	
Loose volume:	<u>100</u> LC	Y		
Source of	estimated volume: Div	vision of Reclamation, Minir	ig & Safety	
Source of estir		Handbook	<u> </u>	
HOURLY PRODUCTI	_	Time (load, dump, maneuve	r)· O	475 minute
-		Time (load, dump, maneuve	·	
Cycle Time Factors Material:		meter 0.00	Factor (m 0.000	
Stockpile:	No adjustment - factor		0.000	
Truck Ownership:			0.000	
Operation:			0.040	
Dump Target:	Small target 0.04		0.040	
U		et Cycle Time Adjustment:	0.080	
	А	djusted Basic Cycle Time:	0.555	minutes
Colling Resistance – Road	Conditions	-		
-				
_ Haul: _		nance, no water, 2" tire pene		
Return:	Rutted dirt, little mainter	nance, no water, 2" tire pene	tration 5.0	

Haul and Return Time

	Length (feet)	Grade Res. (%)	Rolling Res. (%)	Total Res. (%)	Travel Time (minutes)	Source
Haul Route:	50	5.00	5.00	10.00	0.0563	(Cat HB)
Return Route:	50	5.00	5.00	10.00	0.0563	(Cat HB)

-

		Total Travel Total Cycle		minutes minutes
Load Bucket Capacity				
Rated Capacity: Bucket Fill Factor: Adjusted Capacity:	1.50 0.875 1.31	LCY (heaped) Loose material - 1/2" to 3 LCY	3/4" (85 - 90%) 0.875	
Job Condition Correction Fa Site Altitude: 8500 feet	<u>ctors</u>			
Altitude Adj: Job Efficiency: Net Correction:	0.95 0.83 0.79	Source (CAT HB) (1 shift/day) multiplier		
Adju	sted Hourly Unit F sted Hourly Unit F sted Hourly Fleet P	roduction: 93.02	LCY/Hour LCY/Hour LCY/Hour	
JOB TIME AND COST		22		
Fleet size:1	Loader(s)	Total job time:	1.08	Hours
Unit cost: \$0.898	/LCY	Total job cost:	\$90.00	_

Note: Task assumes topsoil is respread on drill pads, at 4 inches average depth, by backdragging material with loader blade.

DEMOLITION WORK

Task #: 004		State: Colorado		Abbrevia	tion: None	
Date: 5/2/2014	C	ounty: Saguache		Filena		004
User: RCO						
Agency	or organization na	me: DRMS				
Agency	or organization na					
<u>UNIT COSTS</u>				Location	adjustment:	<u>91.60 %</u>
Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Hand load wattle/silt fence	150 LF	Loading and 2 mile haul, no salvage - Hand loading	5.00	CY	\$34.28	\$171.40
Haul and dispose wattle/silt fence	5 CY	Dump fees - Rubbish only	5.00	CY	\$70.00	\$350.00

Note: Task assumes no contaminants or additional debris left onsite to dispose of.

.

REVEGETATION WORK

Sag-Cal	Permi	t Action: New	NOI	Permit/Job#	: P2014004
ROJECT IDENTIFICA	ATION				
Task #: 005 Date: 5/2/2014 User: RCO		Colorado Saguache		Abbreviation: Filename:	None P004-005
A gency or organiza	tion name: DPM	r c			
Agency or organiza	tion name:DRM	IS			
Agency or organiza	ution name:DRM	<u>[S</u>			
	ntion name:DRM	IS			1
ERTILIZING	ution name:DRM	IS Units / Acre	Unit	Cost / Unit	Cost /Acre
ERTILIZING aterials	ution name:DRM	Units /	Unit	Cost / Unit \$	Cost /Acre \$

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

TILLING

	\$145.20
Total Tilling Cost/Acre	\$145.20
	Total Tilling Cost/Acre

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Native	1.00	16.32	\$10.35
Indian Ricegrass - Native	5.00	16.18	\$33.70
Sand Dropseed	0.10	11.94	\$0.70
Western Wheatgrass - Native	5.00	12.63	\$15.20
Flax, Lewis Blue	2.00	13.27	\$33.04
Spike Muhly	0.20	7.35	\$1.84
Yarrow, Western	0.10	6.08	\$3.07
Totals Seed Mix	13.40	83.76	\$97.89

Application

Description		Cost /Acre
Broadcast seeding [DMG]		\$261.28
	Total Seed Application Cost/Acre	\$261.28

MULCHING and MISCELLANEOUS

Materials

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

Application

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

NURSERY STOCK PLANTING

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

JOB TIME AND COST

No. of Acres: Estimated Failure Rate: *Selected Replanting Work Items:	30%	Cost /Acre: Cost /Acre*:	 -
Initial Job Cost: 423.67			
Reseeding Job Cost: \$127.10			
Total Job Cost: \$550.77			
Job Hours: 8 00			

Notes:

- 1. Seed mix species are according to BLM recommendations. Seeding rates are lower than recommended, in order to approximate the standard for broadcast seeding: 80 pure live seeds/square foot.
- 2. Seed application is by manual broadcasting, followed by light dragging to incorporate seed.
- 3. Acreage figure (0.84 acres) for seeding includes 4 drill pads plus adjacent topsoil berm areas, plus 2456 LF of temporary access trails.
- 4. Seeding failure rate (30%) is standard for high rangeland.

EQUIPMENT MOBILIZATION/DEMOBILIZATION

e: Sag-Cal			Permit Action: New NOI		Pe	ermit/Job#:	P2014004		
<u>P</u>	ROJECT I	DENTIFICAT	<u>FION</u>						
	Task #: (006	State: Co	olorado		Abbr	eviation:	None	
	Date: 5	5/2/2014	County: Sa	iguache			ilename:	P004-00	06
	User: H	RCO	-			-	-		
	Agen	cy or organization	on name: DRMS						
Ē	QUIPMEN	IT TRANSPO	<u>RT RIG COST</u>						
						Shift ba	asis: 1	l per day	
						Cost Data Sou		RG Data	
	Tr	ruck Tractor Des	cription: GENI	FRIC ON-HIGH			ער <u>אי</u> א פר	MESEL D	OWEDED
Truck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWEREI 400 HP (2ND HALF, 2006) Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILE						UWERED,			
	Ŧ	ruck Trailer Des	cription: GENE	RIC FOLDING				IIPMENT	TRAILER
	T	ruck Trailer Des	cription: GENE	RIC FOLDING	GOOSEN	ECK, DROP I	DECK EQU	JIPMENT	TRAILER
~			cription: GENE	ERIC FOLDING	GOOSEN		DECK EQU	JIPMENT	T TRAILER
<u>C</u>	T ost Breakdow		cription: GENE	ERIC FOLDING	GOOSEN	ECK, DROP I	DECK EQU	JIPMENT	TRAILER
	ost Breakdow	vn: Capacities	0-25 Tons	26-50 Tons	GOOSEN (25T	ECK, DROP I , 50T, AND 10 + Tons	DECK EQU	JIPMENT	TRAILER
	ost Breakdow vailable Rig Owners	vn: Capacities ship Cost/Hour:	0-25 Tons \$16.63	26-50 Tons \$18.37	GOOSEN (25T 51- \$	ECK, DROP I , 50T, AND 10 + Tons 22.33	DECK EQU	JIPMENT	Γ TRAILER
	ost Breakdow vailable Rig Owners Operat	vn: Capacities ship Cost/Hour: ting Cost/Hour:	0-25 Tons \$16.63 \$44.38	26-50 Tons \$18.37 \$46.13	GOOSEN (25T 51- \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07	DECK EQU	JIPMENT	Γ TRAILER
	ost Breakdow vailable Rig Owners Operat Opera	vn: Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66	26-50 Tons \$18.37 \$46.13 \$27.66	GOOSEN (25T 51- \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66	DECK EQU	JIPMENT	Γ TRAILER
	ost Breakdow vailable Rig Owners Operat Opera Hel	vn: Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: per Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39	DECK EQU	JIPMENT	Γ TRAILER
	ost Breakdow vailable Rig Owners Operat Opera Hel	vn: Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66	26-50 Tons \$18.37 \$46.13 \$27.66	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66	DECK EQU	JIPMEN	Γ TRAILER
A	ost Breakdow vailable Rig Owners Operat Opera Hel Total U	vn: Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: per Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39	DECK EQU	JIPMENT	Γ TRAILER
A	ost Breakdow vailable Rig Owners Operat Opera Hel Total U	vn: Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: per Cost/Hour: Jnit Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39 25.45	DECK EQU		
A N M	ost Breakdow vailable Rig Owners Operat Opera Hel Total U	vn: Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Jnit Cost/Hour: ABLE EQUIT	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 PMIENT:	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39	DECK EQU	Trip	
A N M	ost Breakdow vailable Rig Owners Operat Opera Hel Total U ON ROAD	vn: Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: per Cost/Hour: Jnit Cost/Hour: ABLE EQUIE Weight/	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 Owner ship	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39 25.45 Haul Trip	DECK EQU DOT)	Trip	DOT Permi
	ost Breakdow vailable Rig Owners Operat Opera Hel Total U ON ROAD	vn: Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: per Cost/Hour: Jnit Cost/Hour: ABLE EQUIE Weight/ Unit	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 Owner ship	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39 25.45 Haul Trip Cost/hr/	DECK EQU DOT)	Trip fleet	DOT Permi
	ost Breakdow vailable Rig Owners Operat Opera Hel Total U ON ROAD	vn: Capacities ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: per Cost/Hour: Jnit Cost/Hour: Meight/ Unit (TONS)	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 PMENT: Owner ship Cost/hr/ unit	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit \$88.67	GOOSEN (25T) 51- \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39 25.45 Haul Trip Cost/hr/ fleet	Return T Cost/hr/	Trip fleet	DOT Permi Cost/ fleet

Machine Description Total Cost/hr/ unit Fleet Size Haul Trip Cost/hr/ fleet Return Trip Cost/hr/ fleet Subtotals: \$0.00 \$0.00

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	MONTE VISTA	
Total one-way travel distance:	45.00	miles
Average Travel Speed:	50.00	mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$562.33	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$0.00	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.90	0.90
Return Time (Hours):	0.90	0.90
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.80	1.80

JOB TIME AND COST

Total job time: 5.60 Hours

Total job cost: _____ \$562.33

Note: Task assumes mobilization includes sufficient labor and truck capacity to load and haul sediment control debris offsite for disposal.