

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME:	MINE/PROSPECTING ID#:	MINERAL:	COUNTY:
Deer Trail Pit	M-1988-090	Sand and gravel	Arapahoe
INSPECTION TYPE:	INSPECTOR(S):	INSP. DATE:	INSP. TIME:
Monitoring	Tyler V. O'Donnell	December 17, 2014	09:30
OPERATOR:	OPERATOR REPRESENTATIVE:	TYPE OF OPERA	FION:
TWK Enterprises, Inc.		112c - Construction	Regular Operation

REASON FOR INSPECTION:	BOND CALCULATION TYPE:	BOND AMOUNT:
Normal I&E Program	Complete Bond	\$45,012.00
DATE OF COMPLAINT:	POST INSP. CONTACTS:	JOINT INSP. AGENCY:
NA	None	None
WEATHER:	INSPECTOR'S SIGNATURE:	SIGNATURE DATE:
Clear	To ADmull	December 11, 2014
	Gler Donnell	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS <u>Y</u>	(FN) FINANCIAL WARRANTY Y	(RD) ROADS <u>Y</u>
(HB) HYDROLOGIC BALANCE <u>Y</u>	(BG) BACKFILL & GRADING <u>Y</u>	(EX) EXPLOSIVES <u>NA</u>
(PW) PROCESSING WASTE/TAILING <u>N</u>	(SF) PROCESSING FACILITIES <u>NA</u>	(TS) TOPSOIL <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE <u>Y</u>	(RV) REVEGETATION Y
(SM) SIGNS AND MARKERS <u>N</u>	(SP) STORM WATER MGT PLAN Y	(SB) COMPLETE INSP Y
(ES) OVERBURDEN/DEV. WASTE <u>NA</u>	(SC) EROSION/SEDIMENTATION Y	(RS) RECL PLAN/COMP Y
(AT) ACID OR TOXIC MATERIALS <u>Y</u>	(OD) OFF-SITE DAMAGE <u>N</u>	(ST) STIPULATIONS <u>NA</u>

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This was a normal routine monitoring inspection conducted by Tyler O'Donnell of the Division of Reclamation, Mining and Safety (DRMS). TWK Enterprises, Inc., the Operator, was not present during the inspection. The Operator had delegated Larry Morgan to be present during the inspection. The Deer Trail Pit is located approximately 1.25 miles southeast of Deer Trail, Colorado. The Deer Trail Pit is a 110-acre site permitted for the extraction of construction materials primarily sand and gravel. The Deer Trail Pit has an approved maximum allowed affected area of 15 acres. The approved post-mining land use is rangeland.

The sky was clear. The ground was partially covered with snow. No mining equipment was present during the inspection. The last annual report indicated that the last site activity was in 2007. It appears that the mining operation has affected approximately 11-12 acres. The site daylights to the north. The Mining operation was expanding to the south. It appears that the site has been inactive for a long period of time. The disturbed areas have filled in with volunteer vegetation and annual weeds.

Backfilling and Grading:

Some backfilling and grading has occurred however, the majority of the disturbed area has near vertical highwalls. The pit contains approximately 1300 linear feet of highwalls with an average highwall height of approximately 15 feet.

Financial Warranty:

DRMS received a letter dated May 1, 2014 from Bank of Colorado indicating the letter of credit provided as financial warranty has expired. DRMS notified the Operator of the Possible Violation and notice to appear before the Mined Land Reclamation Board. DRMS in part conducted the inspection to evaluate the financial warranty amount. The reclamation cost estimate for this pit was updated with this inspection. It was determined that the current financial warranty amount is adequate (please see the attached estimate).

Hydrologic Balance:

The bottom of the pit was dry. There was no evidence of excessive erosion. There appeared to be no significant impacts to the prevailing hydrologic balance.

Gen. Compliance With Mine Plan:

The operation appeared to be following the approved mine plan. All mining activity appeared to be within the marked boundaries approved in the permit conversion no. 1.

Reclamation Success:

This site has not yet been reclaimed, nor has any final grading or seeding occurred yet.

Sediment Control:

There was no evidence of excessive erosion (rills, gullies, or sediment fans). Some of the slopes have small rills. All storm water would run off of the affected lands and into the pit.

Inspection Contact Address

Sue Pipkin TWK Enterprises, Inc. P.O. Box 404 Byers, CO 80103

Enclosure: Revised financial warranty calculation

cc: Tom Kaldenbach, DRMS

PERMIT #: M-1988-090 INSPECTOR'S INITIALS: TOD INSPECTION DATE: December 17, 2014

PHOTOGRAPHS



Photo 1: Highwall along south end of the pit.



Photo 2: Highwall along south end of the pit.



Photo 3: Highwall along west side of the pit, County Road 213 in the background.



Photo 4: Highwall along the east side of the pit.

COST SUMMARY WORK

: Deer Tra				November 2014 Permit/	Job#: <u>M198809</u>
PROJEC	IDENTIFICA	<u>FION</u>			
Task #:	999	State:	Colorado	Abbreviation:	None
	12/11/2014	County:	Arapahoe	Filename:	M090-999
Date:	12/11/2014				

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Re-grade highwall to 3H:1V	DOZER	1	25.09	\$3,451.00
002	Push pit wall along road to 3H:1V	DOZER	1	51.56	\$7,091.00
003	Rip pit and access road	RIPPER	1	18.65	\$2,566.00
004	Site revegetation	REVEGE	1	48.00	\$9,585.00
005	Mobilization and demobilization	MOBILIZE	1	4.18	\$871.00
		<u>SUBTO</u>	<u> TALS:</u>	147.48	\$23,564

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02%	Total =	\$475.99
Performance bond:	1.05%	Total =	\$247.42
Job superintendent:	30.00 hrs	Total =	\$2,254.80
Profit:	10.00%	Total =	\$2,356.40
		TOTAL O & P =	\$5,334.61
		CONTRACT AMOUNT (direct + $O \& P$) =	\$28,898.61

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	500.00 0.00% 5.00%	Total = Total =	500.00 \$0.00 \$1,444.93
CONTINGENCY:	0.00	Total =	
	TOTAL I	NDIRECT COST =	\$7,279.54
TOTAL B	\$30,843.54		

BULLDOZER WORK

Task description:	Re-gr	ade highwall to 3H	:1V			
: Deer Trail Pit		Permit Actio	on: No	vember 2014	Permit/Job#:	M1988090
PROJECT IDEN	TIFICATIO	<u>N</u>				
Task #: 001		State: Colora	obe		Abbreviation:	None
	/2014	County: Arapal			Filename:	M090-001
User: TOD		<u> </u>				
Agency or	organization n	ame: DRMS				
HOURLY EQUI	PMENT CO	ST				
Basic Machine:	Cat D6T XL					
Horsepower:	200					
Blade Type:	Semi-Univer	sal				
Attachment:	3-shank ripp	er				
Shift Basis:	1 per day					
Data Source:	(CRG)					
Cost Breakdown:			i.			
				<u>Utilization %</u>		
Ownership Cost/H		\$34.93		NA		
Operating Cost/H		\$63.76		100		
Ripper op. Cost/H	lour:	\$0.00		100		
Operator Cost/H	lour:	\$38.85		NA		
Total unit Cost/Hou				_		
Total Fleet Cost/Ho	our: \$137.5	4				
Initial Volume: Swell factor: Loose volume: Source of estimated			1300 fe	et average height 15	feet	
Source of estimated	swell factor:	Cat Handbook		_		
HOURLY PROI	<u>DUCTION</u>					
Average push distan Unadjusted hourly		100 feet 303.3 LCY/hr		_		
	·			_		
Materials consistent		Compacted fill	or emba	nkment 0.9		
Average push gradi Average site altitud		eet				
Material weight:	2,1001	bs/LCY				
Weight description:	Earth -	Loam				
Job Condition Corr	ection Factor			Source		
	rator Skill:	0.750		(AVG.)		
	onsistency:	0.900		(CAT HB))		
	ng method:	1.200		(SLOT)		
	Visibility:	1.000		(AVG.)		
Ioh	efficiency:	0.830		(1 SHIFT/DAY	<u></u>	
300					/	
	Spoil pile:	0.800		(FND-RF)		

Task # 001

Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.095	(CAT HB)
Blade type:	1.000	(PAT)

Net correction	on: 0.6567	
Adjusted unit production:	199.18 LCY/hr	

Adjusted fleet production:	199.18 LCY/hr

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.691/LCY

Total job time:	25.09 Hours
Total job cost:	\$3,451

BULLDOZER WORK

Task description:	Push pi	t wall along road to 3	3H:1V		
Deer Trail Pit		Permit Action:	November 2014	Permit/Job#:	M1988090
PROJECT IDENT	IFICATION	<u>1</u>			
Task #: 002		State: Colorado		Abbreviation:	None
Date: 12/11/2	014	County: Arapahoe		Filename:	M090-002
User: TOD					
Agency or or	rganization na	me: DRMS			
HOURLY EQUIP	MENT COS	Т			
	Cat D6T XL	_			
	200				
1	Semi-Universa	al			
••	3-shank ripper				
	1 per day				
	(CRG)				
Cost Brookdown					
Cost Breakdown:			Utilization %		
Ownership Cost/Hou	11.	\$34.93	NA		
Operating Cost/Hot		\$63.76	100		
Ripper op. Cost/Hot		\$0.00	100		
Operator Cost/Hou		\$38.85	NA		
Operator Cost/1100		ψ30.05	INA		
Total unit Cost/Hour:	0				
Total Fleet Cost/Hour	: \$137.54 NTITIES				
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated volume: 2	: \$137.54 NTITIES ,222 .230 ,733 LCY olume:	Division of Reclamati	ion, Mining & Safety		
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated volume: 2 Source of estimated volume: 3	\$137.54 NTITIES ,222 .230 ,733 LCY olume: well factor:	Division of Reclamati Cat Handbook	ion, Mining & Safety		
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated volume: 2	\$137.54 NTITIES ,222 .230 ,733 LCY olume: well factor: Well factor: UCTION e: _25		 ion, Mining & Safety 		
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated volume: 2 Source of estimated volume: 2 MOURLY PRODU 4 Average push distance 2	\$137.54 NTITIES ,222 .230 ,733 LCY olume: well factor: WCTION e: 25 oduction: 11	Cat Handbook 50 feet			
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated volume: 2 Source of estimated swell 3 HOURLY PRODU 4 Average push distance 0 Unadjusted hourly product 1	\$137.54 NTITIES ,222 .230 ,733 LCY olume: well factor: WITION e: 25 oduction: 11 description:	Cat Handbook 50 feet 19.6 LCY/hr Compacted fill or e			
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated vo Source of estimated vo Source of estimated so HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradien	\$137.54 NTITIES ,222 .230 ,733 LCY olume: well factor: well factor: 0 CTION e: 25 oduction: 11 description: t: 5 %	Cat Handbook 50 feet 19.6 LCY/hr Compacted fill or e et			
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated vo Source of estimated vo Source of estimated so HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradien Average site altitude:	\$137.54 NTITIES ,222 .230 ,733 LCY plume: well factor: well factor: UCTION e: 25 oduction: 11 description: t: 5 %	Cat Handbook 50 feet 19.6 LCY/hr Compacted fill or e et s/LCY			
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated vo Source of estimated vo Source of estimated sv HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradien Average site altitude: Material weight: Weight description: Job Condition Correct	\$137.54 NTITIES ,222 .230 ,733 LCY olume: well factor: well factor: 0 VCTION e: 25 oduction: 11 description: t: 5 %	Cat Handbook 50 feet 19.6 LCY/hr Compacted fill or e et 5/LCY .oam	mbankment 0.9		
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated vo Source of estimated vo Source of estimated so HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradien Average site altitude: Material weight: Weight description: Job Condition Correct Operat	$\frac{\$137.54}{\texttt{NTITIES}}$ $\frac{,222}{,230}$ $\frac{,733 \text{ LCY}}{\text{olume:}}$ $\frac{\texttt{VCTION}}{\texttt{VCTION}}$ $\frac{\texttt{CTION}}{\texttt{description:}}$ $\frac{\texttt{5 \%}}{\texttt{5,300 fed}}$ $\frac{\texttt{2,100 lbs}}{\texttt{Earth - I}}$ $\frac{\texttt{ion Factor}}{\texttt{tor Skill:}}$	Cat Handbook 50 feet 19.6 LCY/hr Compacted fill or e et s/LCY .oam 0.750	mbankment 0.9		
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated vo Source of estimated vo Source of estimated so HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradien Average site altitude: Material weight: Weight description: Job Condition Correct Operation Material con	\$137.54 NTITIES ,222 .230 ,733 LCY olume: well factor: well factor: ICTION e: 25 oduction: 11 description: t: 5 % 5,300 fea	Cat Handbook 50 feet 19.6 LCY/hr Compacted fill or e et s/LCY .oam 0.750 0.900			
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated vo Source of estimated vo Source of estimated so HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradien Average site altitude: Material weight: Weight description: Job Condition Correct Opera Material con Dozing	\$137.54 NTITIES ,222 .230 ,733 LCY olume: well factor: well factor: Outrion: 11 description: t: 5 %	Cat Handbook 50 feet 19.6 LCY/hr Compacted fill or e et 5/LCY .oam 0.750 0.900 1.000	Source (AVG.) (CAT HB)) (GEN.)		
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated vo Source of estimated vo Source of estimated so HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradien Average site altitude: Material weight: Weight description: Job Condition Correct Operation Material com Dozing	\$137.54 NTITIES ,222 .230 ,733 LCY olume: well factor: well factor: 0 (CTION) e: 25 oduction: 11 description: t: 5 %	Cat Handbook 50 feet 19.6 LCY/hr Compacted fill or e et 5/LCY .oam 0.750 0.900 1.000 1.000	Source (AVG.) (GEN.) (AVG.)		
Total Fleet Cost/Hour MATERIAL QUA Initial Volume: 2 Swell factor: 1 Loose volume: 2 Source of estimated vo Source of estimated vo Source of estimated so HOURLY PRODU Average push distance Unadjusted hourly pro Materials consistency Average push gradien Average site altitude: Material weight: Weight description: Job Condition Correct Operation Material com Dozing	\$137.54 NTITIES ,222 .230 ,733 LCY olume: well factor: well factor: Outrion: 11 description: t: 5 %	Cat Handbook 50 feet 19.6 LCY/hr Compacted fill or e et 5/LCY .oam 0.750 0.900 1.000	Source (AVG.) (CAT HB)) (GEN.)		

Task # 002

Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.095	(CAT HB)
Blade type:	1.000	(PAT)

Net correction	on: 0.4432	
Adjusted unit production:	53.01 LCY/hr	
Adjusted fleet production:	53.01 LCY/hr	

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$2.595/LCY

Total job time:	51.56 Hours
Total job cost:	\$7,091

BULLDOZER RIPPING WORK

	Task description:	Rip pit and access ro	oad		
Site	: Deer Trail Pit	Permit	Action: <u>November 2014</u>	4 Permit/Job#	#: <u>M1988090</u>
	PROJECT IDE	ENTIFICATION			
	Task #: 003 Date: 12/ User: TO	11/2014 County: A	olorado rapahoe	Abbreviation: Filename:	None M090-003
		or organization name: DRMS	5		
		JIPMENT COST			
		Machine: Cat D6T XL			200 per day (CRG)
	Cost Breakdown:				
		Ownership Cost/Hour: Operating Cost/Hour:	\$34.93 \$63.76	Utilization % NA 100	
	Ripp	er Operating Cost/Hour:	\$0.00	100	
		Operator Cost/Hour: Total Unit Cost/Hour:	\$38.85 \$137.54	NA	
		Total Fleet Cost/Hour:	\$137.54		
	MATERIALO				
	MATERIAL Q Alternate Method		Selected estimating 1	method: Area	
Seismic: Area:	NA 12.00	Bank Vo acres Rip Dep Source of estimated quantity:	th (ft): 1.50	BCY Volume: 29,040	NA BCY or CCY
	HOURLY PRO	DUCTION			
	Seismic:	Seismic Velocity	: NA	feet/second	
	A	Seisinic Velocity	. <u>INA</u>		
	<u>Area:</u>	Average Ripping Depth Average Ripping Width		mph degrees	
		Average Ripping Length		feet	
		Average Dozer Speed Average Maneuver Time		feet feet	
		Production per unit area		acres/hour	
	Job Condition Co	rrection Factors			
	Una	adjusted Hourly Unit Production		Acres/hr	
		Site Altitude Altitude Adj		feet (CAT HB)	
		Job Efficiency		(1 shift/day)	
		Net Correction		multiplier	
		Adjusted Hourly Unit Pro Adjusted Hourly Fleet Pro		Acres/hr Acres/hr	
	JOB TIME AN	D COST			
	Fleet size:	1 Grader(s)	Total job time		Hours
	Unit cost:	\$213.863 Per acre	Total job cost	\$2,566	

REVEGETATION WORK

Task de	escription:	Site revegetation		
Site: Deer	r Trail Pit	Permit Action:	November 2014 Permit/Job#:	M1988090
<u>PROJ</u> Tasl	ECT IDENTIFIC	CATION State: Colorado	Abbreviation:	None
Da	ate: $12/11/2014$ ser: TOD	County: Arapahoe	Filename:	M090-004
	Agency or organi	zation name: DRMS		

FERTILIZING

Materials

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

Application

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

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$98.01
Weed control spraying (MEANS 31 31 16.13 3100)	\$145.20
Total Tilling Cost/Acre	\$243.21

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indiangrass - Cheyenne	5.00	15.24	\$45.95
Little Bluestem - Native	3.50	20.89	\$49.98
Sand Bluestem - Garden Co.	8.00	20.75	\$122.56
Western Wheatgrass - Native	8.00	20.20	\$24.32
Prairie Sandreed - Goshen	3.50	21.94	\$39.34
Totals Seed Mix	28.00	99.02	\$282.15

Application

Description Cost /Acre Drill seeding (DRMS Cost Data) \$88.20 Total Seed Application Cost/Acre \$88.20

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
					\$
		Totals	Nursery Stoc	ck Cost / Acre	\$0.00

JOB TIME AND COST

No. of Acres:	12	Cost /Acre:	\$613.56
Estimated Failure Rate:	50%	Cost /Acre*:	\$370.35
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	\$7,362.72
Reseeding Job Cost:	\$2,222.10
Total Job Cost:	\$9,585
Job Hours:	48.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description	n: <u>Mo</u>							
Deer Trail P	it	Permit A	Action: <u>Novem</u>	ber 2014	Permi	it/Job#:	M1988090	
PROJECT IE	DENTIFICAT	ION						
Task #: 00)5	State: Co	olorado		Abbrevia	ation:	None	
Date: 12	2/11/2014	County: Ar	apahoe		Filer	name:	M090-005	
User: T	OD	·	•			-		
Agenc	y or organizatio	n name: DRMS						
EQUIPMENT	<u>r transpof</u>	RT RIG COST						
					Shift basis	· 1	per day	
					Cost Data Source		RG Data	
Tru	ick Tractor Desc	cription: GENI	ERIC ON-HIGH		JCK TRACTOR,		IESEL POWE	RED,
		-		400 HP	(2ND HALF, 20	06)		
	ick Tractor Desc uck Trailer Desc	-		400 HP GOOSEN	(2ND HALF, 20) ECK, DROP DEC	06) CK EQU		
		-		400 HP GOOSEN	(2ND HALF, 20	06) CK EQU		
	uck Trailer Desc	-		400 HP GOOSEN	(2ND HALF, 20) ECK, DROP DEC	06) CK EQU		
Tr	uck Trailer Desc <u>n:</u>	-		400 HP GOOSEN (25T,	(2ND HALF, 20) ECK, DROP DEC	06) CK EQU		
Tre <u>Cost Breakdown</u> <u>Available Rig (</u> Ownersh	uck Trailer Desc <u>n:</u> C apacities nip Cost/Hour:	O-25 Tons \$16.63	RIC FOLDING 26-50 Tons \$18.37	400 HP GOOSEN (25T, 51+	(2ND HALF, 200 ECK, DROP DEC 50T, AND 100T	06) CK EQU		
Tre <u>Cost Breakdown</u> <u>Available Rig (</u> <u>Ownersh</u> Operatin	uck Trailer Desc <u>n:</u> C apacities nip Cost/Hour: ng Cost/Hour:	O-25 Tons \$16.63 \$44.38	RIC FOLDING 26-50 Tons \$18.37 \$46.13	400 HP GOOSEN (25T, 51+ \$2 \$5	(2ND HALF, 200 ECK, DROP DEC 50T, AND 100T • Tons 22.33 50.07	06) CK EQU		
Tre <u>Cost Breakdown</u> Available Rig C Ownersh Operati Operati	uck Trailer Desc n: C apacities nip Cost/Hour: ng Cost/Hour: tor Cost/Hour:	O-25 Tons \$16.63 \$44.38 \$27.66	RIC FOLDING 26-50 Tons \$18.37 \$46.13 \$27.66	400 HP GOOSEN (25T, 51+ \$2 \$5 \$2 \$2	(2ND HALF, 200 ECK, DROP DEC 50T, AND 100T - Tons 22.33 50.07 27.66	06) CK EQU		
Tre <u>Cost Breakdown</u> Available Rig (Ownersh Operati Operati Help	uck Trailer Desc n: Capacities nip Cost/Hour: ng Cost/Hour: tor Cost/Hour: per Cost/Hour:	O-25 Tons \$16.63 \$44.38 \$27.66 \$0.00	RIC FOLDING 26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39	400 HP GOOSEN (25T, 51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2	(2ND HALF, 200 ECK, DROP DEC 50T, AND 100T - Tons 22.33 50.07 27.66 25.39	06) CK EQU		
Tre <u>Cost Breakdown</u> Available Rig (Ownersh Operati Operati Help	uck Trailer Desc n: C apacities nip Cost/Hour: ng Cost/Hour: tor Cost/Hour:	O-25 Tons \$16.63 \$44.38 \$27.66	RIC FOLDING 26-50 Tons \$18.37 \$46.13 \$27.66	400 HP GOOSEN (25T, 51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2	(2ND HALF, 200 ECK, DROP DEC 50T, AND 100T - Tons 22.33 50.07 27.66	06) CK EQU		
Tre <u>Cost Breakdown</u> Available Rig (Ownersh Operati Operati Help	uck Trailer Desc n: Capacities nip Cost/Hour: ng Cost/Hour: tor Cost/Hour: per Cost/Hour: nit Cost/Hour:	O-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67	RIC FOLDING 26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39	400 HP GOOSEN (25T, 51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2	(2ND HALF, 200 ECK, DROP DEC 50T, AND 100T - Tons 22.33 50.07 27.66 25.39	06) CK EQU		
Tre <u>Cost Breakdown</u> Available Rig (Ownersh Operati Operati Help Total Un NON ROADA	uck Trailer Desc n: Capacities nip Cost/Hour: ng Cost/Hour: tor Cost/Hour: per Cost/Hour: nit Cost/Hour: ABLE EQUIP	O-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT:	RIC FOLDING 26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55	400 HP GOOSEN (25T, 51+ \$2 \$5 \$2 \$2 \$2 \$1	(2ND HALF, 200 ECK, DROP DEC 50T, AND 100T - Tons 22.33 50.07 27.66 25.39 25.45	06) CK EQU ')	IPMENT TRA	AILER
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ROADABLE EQUIPMENT:

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: Total one-way travel distance:	BENNETT 30.00	miles
Average Travel Speed:	55.00	mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$870.80	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$0.00	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.55	0.55
Return Time (Hours):	0.55	0.55
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.09	1.09

JOB TIME AND COST

Total job time: 4.18 Hours

Total job cost: ______\$871