

MINERALS PROGRAM INSPECTION REPORT PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety 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:
Kattenberg Pit		M-2004-017	Sand and gravel	Grand
INSPECTION TYPE:	INSPECTION TYPE:		INSP. DATE:	INSP. TIME:
Monitoring			March 23, 2023	11:00
OPERATOR:		OPERATOR REPRESENTATIVE:	TYPE OF OPERA	TION:
Oldcastle SW Group, Inc.		Brittany Madson	112c - Construction	Regular Operation
dba United Companies	dba United Companies			
REASON FOR INSPECTION:		BOND CALCULATION TYPE:	BOND AMOUNT:	
Normal I&E Program		Partial Bond	\$59,900.00	
DATE OF COMPLAINT:		POST INSP. CONTACTS:	JOINT INSP. AGENCY:	
NA		None	None	
INSPECTOR(S):	INSPE	CTOR'S SIGNATURE:	SIGNATURE DAT	`E:
Peter Hays		111	March 29, 2023	
		NAT		
		1 1 1 1 2		

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

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

OBSERVATIONS

The Kattenberg Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as required by the Transfer of Permit and Succession of Operators process pursuant to Rule 1.12. Ms. Brittany Madson with United Companies was present during the inspection. The site was previously inspected by the Division on June 16, 2020 for SO2. A map based on the observations from this inspection and the latest available Google Earth image is attached for reference. The Google Earth image is from 2019 and does not represent the current condition of the site.

Succession of Operators - SO3

On February 7, 2023, Oldcastle SW Group, Inc. dba United Companies submitted a Transfer of Permit and Succession of Operators Application Form (SO3) and provided a replacement financial warranty in the existing amount of \$59,900.00. The Division issued an adequacy review letter for the SO on February 14, 2023. The SO3 application was approved by the Division on March 16, 2023 following the Operator's adequacy response and the acceptance of the financial and performance warranties.

The Division is required to inspect the site and recalculate the reclamation bond within 60 days from the date of the transfer is approved by the Division. The Division currently holds a financial warranty in the amount of \$59,900.00. The Division's review of the financial warranty determined the current financial warranty is inadequate to reclaim the site. The Division calculated the cost to reclaim the site in accordance with the approved Reclamation Plan at \$140,000.00, an increase of \$80,100.00. A copy of the bond estimate for SO3 is attached.

The Division will allow the Operator 14 days to review and comment on the estimate prior to issuance. The Division will issue a notice of surety increase (SI) letter for the required financial warranty amount after the review period. United Companies will have sixty (60) days from the date of the letter to submit the additional financial warranty pursuant to Rule 4.2(2).

Monitoring Observations

The site is an 112c Regular Construction Materials operation permitted for 38.65 acres with 33.39 acres of disturbance. The site was inactive and snow covered at the time of the inspection. The inspection observation were limited due to the snow. The Operator stated the mining operations will proceed in the same manner as with the previous operators. The mining highwall moved to the east since the last inspection. The mining excavation will continue to the south in the future. The overburden and imported concrete stockpiles located southwest of the mining area will need to be relocated prior to the mining activity.

The old mining disturbance area located in the southwest section of the site contained scrap metal, trees and old tires. The Operator stated they were aware the materials would need to be removed from the site and could not be used as backfill materials.

Based on the Google Earth image from 2019, the previous Operator(s) of the pit mined very close to the eastern permit boundary. This issue was cited as a problem by the Division in 2015 and 2016. The current Operator was reminded of the requirement to maintain the required 25 foot offset from the permit boundary and to mine the perimeter slopes at the required final 3H:1V grade.

An updated mine sign indicating United Companies as the Operator was observed as required by Rule 3.1.12.

The approved post-mining land use for the site is rangeland. Overburden stockpiles were observed along the north boundary, in the southeast corner of the site and on the pit floor. The approved Reclamation Plan states, 24 to 60 inches of overburden is present on-site. The plan allows the Operator to sell excess overburden. Based on the Google Earth image, the previous Operator(s) were removing overburden from the stockpiles locate in the western and eastern portions of the pit floor. The current Operator was reminded of the requirement to stockpile adequacy overburden to reclaim the site.

The approved Reclamation Plan states 6 to 8 inches of topsoil will be salvaged and replaced during reclamation. The topsoil screening and stockpile area located in the southeast section of the site has increased in size to the south since the last inspection. The current Operator was reminded of the requirement to maintain enough topsoil on-site to complete reclamation.

Photographs taken during the inspection are attached. If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at 303.866.3567 x 8124, or by email at peter.hays@state.co.us.

Inspection Contact Address

Jason Burkey Oldcastle SW Group, Inc. dba United Companies 2273 River Road Grand Junction, CO 81505

Enclosure – Inspection Map, SO3 Bond Estimate

Ec: Jared Ebert, DRMS

PERMIT #: M-2004-017 INSPECTOR'S INITIALS: PSH INSPECTION DATE: March 23, 2023

PHOTOGRAPHS



Updated Kattenberg Pit sign



View of the old mining area located in the southwest section of the site



View of the snow covered pit floor from the access road looking west



View of the pit floor from the middle of the site looking northwest



View of the pit floor from the middle of the site looking north



View of the pit floor from the middle of the site looking east



COST SUMMARY WORK

Т	ask descrip	otion:	SO3 Bond Esti	mate				
Site:	Kattenbe	erg Pit	P	ermit Action:	SO3 Bond Estimate	Permit/Jol	b#: <u>M2004017</u>	
<u>P</u>]		IDENTIFIC		~				
	Task #:	013	State:	Colorado		Abbreviation:	None	
	Date:	3/29/2023	County:	Grand		Filename:	M017-013	
	User:	PSH						
	Age	ency or organi	zation name: <u> </u>	ORMS				

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost	
023	Backfill 40,000 CY Inert Fill (Asphalt and Concrete)	DOZER 1		67.58	\$17,827	
033	Debris Removal	DEMOLISH	1	30.00	\$3,667	
043	Highwall Cut/Fill 48,000 CY	DOZER	1	87.17	\$22,993	
053	Topsoil Replacement 6" - 20 Acres	SCRAPER1	1	14.97	\$18,342	
063	Final Grading - 20 Acres	GRADER	1	19.90	\$3,150	
073	Revegetate - 20 Acres	REVEGE	1	40.00	\$41,968	
083	Mob / Demob	MOBILIZE	1	4.26	\$6,380	
		<u>SUBTC</u>	DTALS:	263.88	\$114,327	

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$2,309
Performance bond:	1.05	Total =	\$1,200
Job superintendent:	131.94	Total =	\$9,913
Profit:	10.00	Total =	\$11,433
		TOTAL O & P =	\$24,855
		CONTRACT AMOUNT (direct + $O \& P$) =	\$139,182

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$500	Total =	\$500
Engineering work and/or contract/bid preparation:	0.00	Total =	\$0
Reclamation management and/or administration:	0.00		\$0
CONTINGENCY:	0.00	Total =	\$0
		TOTAL INDIRECT COST =	\$25,355
TOTAL BO	ND AN	MOUNT (direct + indirect) =	\$139,682 \$140,000.00 Rounded

Task # 023

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BULLDOZER WORK

Kattenberg Pit	Р	ermit Action:	SO3 Bond Estimate	Permit/Jol	o#: M200401
<u>ROJECT IDENTIFI</u>					
Task #: 023	State:	-		Abbreviation:	None
Date: 3/29/2023	County:	Grand		Filename:	M017-023
User: <u>PSH</u>					
Agency or organ	nization name: <u> </u>	ORMS			
OURLY EQUIPME	NT COST				
Basic Machine: Ca	t D8T - 8SU				
Horsepower: 310					
	mi-Universal				
Attachment: NA	1				
	er day				
Data Source: (C	RG)				
ost Breakdown:					
			Utilization %		
Ownership Cost/Hour:		\$124.85	NA		
Operating Cost/Hour:		\$97.63	100		
Ripper own.		\$0.00	NA		
Cost/Hour:					
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$41.30	NA		
operator costribui.			1111		
Total unit Cost/Hour:	\$263.78				
Total unit Cost/Hour: Total Fleet Cost/Hour:	\$263.78				
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Material consistency:	1.200	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	1.000	(DOZ-OC)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6942

Adjusted unit production:	591.87 LCY/hr
Adjusted fleet production:	591.87 LCY/hr

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.446/LCY

Total job time:	67.58 Hours
Total job cost:	\$17,827

DEMOLITION WORK

Tas	sk description	: Debris Re	emoval				
Site: K	attenberg Pi	t	Permit Action:	SO3 Bond Estimate	Pe	ermit/Job#:	M2004017
PROJECT	IDENTIFI	CATION					
Task #:	033	State	e: Colorado		Abbreviatio	on: Nor	ie
Date:	3/29/2023	County	y: Grand		Filenan	ne: M0	17-033
User:	PSH						
	Agency of	or organization name:	DRMS				
<u>UNIT COS'</u>	<u>TS</u>				<u>Location</u>	adjustme	<u>nt: 90.00 %</u>
	e or Item ription	Dimensions	Demolition Me Selection	nu Quantity	Unit	Unit Cost	Total Cost

1					COSL	
Debris Removal	70 x 30 x 5	Loading and 2 mile haul, no salvage - Machine loading	210.00	СҮ	\$19.40	\$4,074.00

			Total Cost	
	Subtotal		(adjusted for	
Job Hours: <u>30.00</u>	(unadjusted):	\$4,074.00	location):	\$3,666.60

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BULLDOZER WORK

Kattenberg Pit	Permit Action:	SO3 Bond Estimate	Permit/Job#: M20040
ROJECT IDENTIF	ICATION		
Task #: 043	State: Colorado		Abbreviation: None
Date: $3/29/2023$			Filename: M017-043
User: PSH	Orand		
Agency or orga	nization name: DRMS		
OURLY EQUIPME	<u>ENT COST</u>		
Basic Machine: Ca	ut D8T - 8SU	_	
Horsepower: 31		-	
• 1	mi-Universal	_	
Attachment: N		-	
	per day	-	
Data Source: (C	RG)	-	
ost Breakdown:			
		Utilization %	
Ownership Cost/Hour:	\$124.85	NA	
Operating Cost/Hour:	\$97.63	100	<u> </u>
Ripper own. Cost/Hour:	\$0.00	NA	
Ripper op. Cost/Hour:	\$0.00	0	
Operator Cost/Hour:	\$41.30	NA	
ATERIAL QUANT	TTIES		
Initial Volume: 48, Swell factor: 1.1	24		
Swell factor: 1.1	000 24 933 LCY		
Initial Volume: 48, Swell factor: 1.1	000 24 933 LCY ume: Division of Reclamatic	n, Mining & Safety	
Initial Volume: 48, Swell factor: 1.1 Loose volume: 53, Source of estimated vol Source of estimated swe	000 24 933 LCY ume: Division of Reclamatic ell Cat Handbook	n, Mining & Safety	
Initial Volume: 48, Swell factor: 1.1 Loose volume: 53, Source of estimated vol Source of estimated swo factor:	000 24 933 LCY ume: Division of Reclamatic ell Cat Handbook	n, Mining & Safety 	
Initial Volume: 48, Swell factor: 1.11 Loose volume: 53, Source of estimated vol Source of estimated swe factor: IOURLY PRODUCT Average push distance: Unadjusted hourly	000 24 933 LCY ume: Division of Reclamatic Cat Handbook <u> IION</u> <u> 100 feet</u> 852.6 LCY/hr		
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Material consistency:	0.900	(CAT HB))
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	1.000	(DOZ-OC)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.7257

Adjusted unit production:	618.73 LCY/hr
Adjusted fleet production:	618.73 LCY/hr

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.426/LCY

Total job time:	87.17 Hours
Total job cost:	\$22,993

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SCRAPER TEAM WORK

Site: Kattenberg Pit		Perm	it Action	n: SO3 Bond Es	stimate F	Permit/Job#: <u>M2</u>	004017
PROJECT IDENT	TIFICATION						
Task #: 053	Sta	ate: (Colorado)	Abbre	viation: None	
Date: 3/29/2	023 Cour		Grand			lename: M017-	053
User: PSH							
Agency or o	organization name:	DRM	S				
HOURLY EQUIP	MENT			COSTS	Shift basis: <u>1 per</u>	day	
			Equipm	ent Description			
		raper:	Cat 63	16			
Suppo	L- rt Equipment -Load	Dozer: Area:	NA Cat Da	8T - 8SU			
5uppo.	-Dump		NA	51 050			
Road Ma	intenance – Motor G	4	CAT 1	40M			
	-Water T	ruck:	NA				
Cost Breakdown:	Scraper Work	Team		Support Equ	ipment	Maintenanc	e Equipment
	Scraper	Doz	er	Load Area	Dump Area	Motor Grader	Water Tru
%Utilization-machine:	100		NA	50	NA	100	1
Ownership cost/hour:	\$200.41		NA	\$124.85	NA	\$75.87	1
Operating cost/hour:	\$194.76		NA	\$48.82	NA	\$53.81	١
%Utilization-ripper:	NA		NA	NA	NA	NA	1
Ripper own. cost/hour:	NA		NA	\$0.00	NA	\$0.00	Ν
Ripper op. cost/hour:	NA		NA	\$0.00	NA	\$0.00	1
Operator cost/hour:	\$30.90		NA	\$41.30	NA	\$28.56	1
Unit Subtotals:	\$426.07		NA	\$214.97	NA	\$158.24	1
Number of Units:	2	¢050	0	<u> </u>	£214.07	1	¢150 04
Group Subtotals:	Work:	\$852	.14	Support:	\$214.97	Maint:	\$158.24
Total work team cost/	hour: \$1,225.35						
MATERIAL QUA	NTITIES						
			aau		1 000		
Initial volume: Loose volume:	<u>16,133</u> 16,133		CCY LCY	Swell fac	tor: <u>1.000</u>		
	· · · · · · · · · · · · · · · · · · ·						
	rce of estimated volu of estimated swell fa		Cat Hai	n of Reclamation	, Mining & Safety	ý	
Source			Jul 11dl	mooon			
HOURLY PRODU	JCTION						
				<u>Scrape</u> r E	Bowl (volume) Ba	u <u>sis:</u>	
Material weight:	1,600 lbs/LCY			•	Volume: 24.00		CY
Material description:	Top Soil				Volume: 34.00		CY
Rated Payload:	81,600 pounds			Average	Volume: 29.00		CY
Payload Capacity:	51.00 LCY			Adjusted (Capacity: 29.00	L	CY

<u>0.80</u> Minutes

<u>0.70</u> Minutes

Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 7966 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	NA	(CAT HB)
Job Efficiency:	0.830	NA	(CAT HB)
Net Correction:	0.830	NA	

Travel Time:

Road Condition: Hard, smooth, stabilized, surfaced, watered, maintained 2.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1000.00	0.00	2.00	2.00	2806	0.65

Haul Time: 0.65 minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1000.00	0.00	2.00	2.00	2914	0.53
				Return Time:	0.53	minutes
			Total Scraper	team cycle time:	2.68	minutes
			Adjusted for	or job conditions:	538.88	LCY/Hour
			Selected Nur	nber of Scrapers:	2	Scraper(s)
	Adjusted	single scrape	er team (unit) he	ourly production:	1,077.76	LCY/Hour
	Adjusted mu	ltiple scrape	r team (fleet) he	ourly production:	1,077.76	LCY/Hour
	Unadjusted unit proc Number of Scrapers per			LCY/Hour		

Fleet size:	1	Team(s)	Total job time:	14.97	Hours
Unit cost:	\$1.137	/LCY	Total job cost:	\$18,342	

MOTOR GRADER WORK

Та	sk descrip	otion:	Final	Grading -	20 Acres				
e:	Kattenbe	rg Pit		Pe	rmit Action:	SO3 Bond I	Estimate	Permit/Jo	b#: <u>M2004017</u>
<u>PR</u>	OJECT	IDENTIF	<u>ICATIO</u>	<u>N</u>					
	Task #:	063		State:	Colorado		Δł	obreviation:	None
	Date:	3/29/2023		County:	Grand			Filename:	M017-063
	User:	PSH		County.	Oralid			i nename.	1017-005
	-				OMC				
	Age	ency or orga	mzation i	lame: Di	RMS				
HO	URLY H	EQUIPME	<u>NT CO</u>	<u>ST</u>					
	Ba	asic Machin	e: <u>CA</u>	Г 140М			Horsepower		183
	Ripper	r Attachmer	ıt:				Shift Basis		per day
							Data Source		CRG)
Cos	t Breakdo	wn:							
							Utilization %	, D	
			ership Cos			\$75.87	NA		
			rating Cos			\$53.81	100	_	
		ipper Owne	1			\$0.00	NA		
]	Ripper Ope				\$0.00			
		-	erator Cos			\$28.56	NA		
		Tota	l Unit Cos	st/Hour:		\$158.24			
		Total	Fleet Cos	st/Hour:	\$15	8.24			
MA	TERIA	L QUANT							
		Total Area	to be gra	ded or rippe	ed: 20.00				acres
		Sourc	e of estin	nated acreag	ge: <u>Permit</u>	Application			
НО	URLY F	PRODUCT	ΓΙΟΝ						
				e Grader Sr	eed.	1.50	mph		
			U	ted Applica			grading (0-2.5	mph) - 1.5	
				ed Blade A		45	degre	- /	
				e Blade Lei		8.50	feet		
		Width		verlap per	·	2.00	feet		
	Ν	let grading				6.50	feet		
				Jnit Produc		1.1818	acres	/hour	
Job	Condition	Correction	Factors			S	Site Altitude: 79	966 feet	
					Source			—	
	Alt	itude Adj:	1.	00	(CAT HI	3)			
		Efficiency:		85	(1sh/d, mo				
		orrection:		500	multiplier				
		A	dinated T		Droduction	1 0045	0 ang /II -		
			-	•	Production:	1.0045	acres/Ho acres/Ho		
		A	ijustea H	ourly Fleet	Production:	1.0045	acres/Ho	Jul	
JO	B TIME	AND CO	<u>ST</u>						
	Fleet siz	e:	1	Grader(s)		Total job time	e: 19	9.91	Hours
	Unit oos	.t. ¢14	57 52	ner aare		Total job cos	et. ©2	150	
	Unit cos	st. 315	57.52	per acre		Total job cos	st. 33	,150	_

REVEGETATION WORK

Ta	ask descrip	otion:	Revegetate - 20	Acres			
Site: _	Kattenbe	rg Pit	Per	mit Action:	SO3 Bond Estimate	Permit/Job	#: M2004017
<u>PR</u>	ROJECT	IDENTIFIC	CATION				
	Task #:	073	State:	Colorado		Abbreviation:	None
	Date:	3/29/2023	County:	Grand		Filename:	M017-073
	User:	PSH				=	

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
0-20-20, 4-8-12, 10-10-10	18.12	pound	\$0.23	\$4.17
			Total Fertilizer Materials Cost/Acre	\$4.17

Application

Description		Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)		\$39.64
	Total Fertilizer Application Cost/Acre	\$39.64

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.18
Weed control spraying (MEANS 31 31 16.13 3100)	\$290.40
Total Tilling Cost/Acre	\$407.58

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Arizona Fescue - Redondo	0.50	5.74	\$4.63
Indian Ricegrass - Native	2.00	6.47	\$13.00
Smooth Brome - Lincoln	3.50	11.65	\$11.64
Pubescent Wheatgrass - Luna	3.00	6.20	\$10.20
Slender Wheatgrass - Native	1.50	5.48	\$6.94
Totals Seed Mix	10.50	35.54	\$46.40

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
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$421.36	\$842.72
Total Mulch Materials Cost/Acre				\$842.72

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$73.00
Weed spray, truck, aquatic area, nox. [DMG]		\$62.72
	Total Mulch Application Cost/Acre	\$135.72

NURSERY STOCK PLANTING

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

JOB TIME AND COST

Estimate	No. of Acres: ed Failure Rate:		Cost /Acre: Cost /Acre*:	
*Selected Replanti	ng Work Items:	FERTILIZING,SE	EDING,MULCHING	
Initial Job Cost:	\$34,164.60			
Reseeding Job Cost:	\$7,803.90			
Total Job Cost:	\$41,968			
Job Hours:	40.00			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

	Kattenberg	g Pit	Permit	Action: SO3	Bond Estin	nate l	Permit/Job#: <u>N</u>	12004017
PR	OJECT II	DENTIFICATI	<u>ON</u>					
	Task #:	083	State: Co	olorado		Abbre	viation: None	e
	Date:	3/29/2023 PSH		and				7-083
	Agen	cy or organization	n name: DRMS					
EQ	UIPMEN	T TRANSPOR	<u>T RIG COST</u>					
					C	Shift ba Cost Data Sour	1	
	т	muals Traastan Daga	rintian. CENIE				$\frac{1}{1}$ OR, 6X4, DIESE	
	11	ruck Tractor Desc	ription: GENE	KIC UN-HIGH		(2ND HALF,		L POWEKED,
	Т	ruck Trailer Desc	ription G	ENERIC FOLD			OP DECK EQU	IIPMENT
	1	ruck franci Dese				25T, 50T, AN		
Cost	Breakdow	<u>'n:</u>						
A	ailable Ri	g Capacities	0-25 Tons	26-50 Tons	51+	Tons		
Av		g Capacities ship Cost/Hour:	0-25 Tons \$15.25	26-50 Tons \$23.06		Tons 7.58		
Av	Owners				\$3			
Av	Owners Opera	ship Cost/Hour:	\$15.25	\$23.06 \$30.83 \$27.71	\$3 \$5	7.58		
Av	Owners Opera Oper	ship Cost/Hour: ting Cost/Hour:	\$15.25 \$25.26	\$23.06 \$30.83	\$3 \$5 \$2	7.58 1.41		
Av	Owners Opera Oper He	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour:	\$15.25 \$25.26 \$27.71	\$23.06 \$30.83 \$27.71	\$3 \$5 \$2 \$2 \$2	7.58 1.41 7.71		
	Owners Opera Oper He Total U	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour:	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22	\$23.06 \$30.83 \$27.71 \$20.22	\$3 \$5 \$2 \$2 \$2	7.58 1.41 7.71 0.22		
	Owners Opera Oper He Total U	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour:	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22	\$23.06 \$30.83 \$27.71 \$20.22	\$3 \$5 \$2 \$2 \$2	7.58 1.41 7.71 0.22		
NO	Owners Opera Oper He Total U N ROAD	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPN	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT:	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82	\$3 \$5 \$2 \$2 \$13	7.58 1.41 7.71 0.22 36.92	Return Trip	DOT Permit
NO	Owners Opera Oper He Total U N ROAD achine	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPM Weight/	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT: Owner ship	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82	\$3 \$5 \$2 \$2 \$1 \$1 \$1	7.58 1.41 7.71 0.22 86.92 Haul Trip	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
NO	Owners Opera Oper He Total U N ROAD	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPM Weight/ Unit	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT:	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82	\$3 \$5 \$2 \$2 \$13	7.58 1.41 7.71 0.22 36.92 Haul Trip Cost/hr/		
NO Ma De	Owners Opera Oper He Total U N ROAD achine escription	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPN Weight/ Unit (TONS)	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT: Owner ship Cost/hr/ unit	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82 Haul Rig Cost/hr/uni t	\$3 \$5 \$2 \$2 \$1 \$1 \$1	7.58 1.41 7.71 0.22 36.92 Haul Trip Cost/hr/ fleet	Cost/hr/ fleet	Cost/ fleet
NO Ma De	Owners Opera Oper He Total U N ROAD achine	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPN Weight/ Unit (TONS)	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT: Owner ship	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82 Haul Rig Cost/hr/uni	\$3 \$5 \$2 \$2 \$13 Fleet Size	7.58 1.41 7.71 0.22 36.92 Haul Trip Cost/hr/		DOT Permit Cost/ fleet \$250.00 \$250.00
NO Ma De Ca	Owners Opera Oper He Total U N ROAD achine escription t D8T - 8SU	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPM Weight/ Unit (TONS) 47.71	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT: Owner ship Cost/hr/ unit \$124.85	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82 Haul Rig Cost/hr/uni t \$101.82	\$3 \$5 \$2 \$2 \$13 Fleet Size	7.58 1.41 7.71 0.22 36.92 Haul Trip Cost/hr/ fleet \$226.67	Cost/hr/ fleet \$101.82	Cost/ fleet \$250.00
NO Ma De Ca	Owners Opera Oper He Total U N ROAD achine escription t D8T - 8SU	ship Cost/Hour: ting Cost/Hour: ator Cost/Hour: lper Cost/Hour: Unit Cost/Hour: ABLE EQUIPN Weight/ Unit (TONS) 47.71 16.68	\$15.25 \$25.26 \$27.71 \$0.00 \$68.22 MENT: Owner ship Cost/hr/ unit \$124.85 \$75.87	\$23.06 \$30.83 \$27.71 \$20.22 \$101.82 Haul Rig Cost/hr/uni t \$101.82 \$68.22	\$3 \$5 \$2 \$2 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1 \$1	7.58 1.41 7.71 0.22 36.92 Haul Trip Cost/hr/ fleet \$226.67 \$144.09	Cost/hr/ fleet \$101.82 \$68.22	Cost/ fleet \$250.00 \$250.00

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: Average Travel Speed:	GRANBY, CO 2.00 30.00	_ miles _ mph
Total Non-Roadable Mob/Demob Cost *	\$6,380.25	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$0.00	_

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.07	0.07
Return Time (Hours):	0.07	0.07
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	1.00	NA
Subtotals:	2.13	0.13

JOB TIME AND COST

Total job time: 4.27 Hours

Total job cost: \$6,380