

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

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:
Big R Pit	M-1988-052	Sand and gravel	Elbert
INSPECTION TYPE:	INSPECTOR(S):	INSP. DATE:	INSP. TIME:
Monitoring	Amy Eschberger	February 3, 2021	09:30
OPERATOR:	OPERATOR REPRESENTATIVE:	TYPE OF OPERA	FION:
Colorado farms llc	Branko Mocevic	110c - Construction	Limited Impact
REASON FOR INSPECTION:	BOND CALCULATION TYPE:	BOND AMOUNT:	
Normal I&E Program	Complete Bond	\$18,642.00	
DATE OF COMPLAINT:	POST INSP. CONTACTS:	JOINT INSP. AGE	NCY:
NA	None	None	
WEATHER:	INSPECTOR'S SIGNATURE:	SIGNATURE DAT	'E:
Clear	any Exchanger	February 5, 2021	

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Financial Warranty

PROBLEM #1: The financial warranty is not adequate to reclaim the site in accordance with the approved reclamation plan. This is a failure to maintain the proper financial warranty amount to complete reclamation of the affected lands pursuant to C.R.S. 34-32.5-117(4)(b) and Rule 4.2.1(1).

CORRECTIVE ACTIONS: The Division has re-evaluated the required financial warranty for reclaiming the site in accordance with the approved reclamation plan (see enclosed bond estimate). Any comments regarding the Division's bond estimate and/or evidence demonstrating reclamation work has been completed shall be submitted by the corrective action date. If, by the corrective action date, no comments or additional information has been received, a notice of surety increase will be mailed to the operator for the amount shown in the enclosed bond estimate. The operator will have 60 days from the date on the surety increase notice to post the additional financial warranty.

CORRECTIVE ACTION DUE DATE: April 6, 2021

INSPECTION TOPIC: Reclamation Success

PROBLEM #2: The operator has not completed reclamation of the site within five (5) years from the date that mining activities ceased at the site, as required by Rule 3.1.3 and C.R.S. 34-32.5-116(4)(q)(I).

CORRECTIVE ACTIONS: By the corrective action date, the operator shall submit a timeline for completing reclamation at the site in accordance with the approved reclamation plan. The expectation is that all required earthwork and initial seeding/planting will be completed within the calendar year.

CORRECTIVE ACTION DUE DATE: April 6, 2021

OBSERVATIONS

This inspection of the Big R Pit (Permit No. M-1988-052) was conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division) at the request of the operator to assess remaining reclamation. The site is located approximately 13 miles north of Elizabeth, CO in Elbert County. The site can be accessed from the east via Co Rd 174. It should be noted, the northern permit boundary is directly adjacent to a 112c permit called the Miller Gravel Pit (Permit No. M-1982-112), which is operated by Schmidt Construction Company. The current operator took over the Big R Pit permit in early 2019 (through Succession of Operators No. 2) after the previous operator, Rick L. Hunt passed away. The operator was represented by Branko Mocevic during the inspection. **Photos 1-16** taken during the inspection are included with this report.

This is a 110c operation permitted for 9.9 acres to mine sand and gravel (see enclosed Google Earth image of site and site map submitted with AM-01 in 2011). A shop, office building, and paved parking area originally used by Hunt Construction, and now used by Colorado Farms LLC, is located just east of the permit area. A garage is located between the eastern permit boundary and the shop/office area. The site is divided by an interior road into two pit areas, north and south. No structures are present within the permit area which require demolition or removal. The approved post-mining land use for the site is rangeland. The reclamation plan calls for grading all highwalls to 3H:1V or flatter, ripping any compacted areas (e.g. stockpile/storage areas, pit floor, temporary roads), replacing an average depth of 6 inches of topsoil across disturbed land, and (per Technical Revision No. 1, approved on July 3, 2019) planting industrial hemp at 5 foot spacing on disturbed land. The existing dirt road that bisects the site may remain after reclamation.

The north pit area includes a large topsoil stockpile stored along the northern permit boundary (estimated to cover 1.35 acres) and a shallow, backfilled excavation area graded nearly flat. A small material pile remains at the southern edge of this area (estimated to cover 0.18 acre). According to the permit file, the north pit area was backfilled and graded in 2014. The Division has no evidence the north pit area was ever retopsoiled or seeded. In fact, the large topsoil stockpile left in this area indicates it was not retopsoiled. The vegetative cover of this area consists primarily of annual weeds with some grasses.

The south pit area includes an excavated pit which opens up to the east, with highwall slope gradients at approximately 1H:1V. The southern pit wall is higher (at approximately 15 feet or more) than the rest of the pit walls (at approximately 5-10 feet). A small topsoil stockpile (estimated to cover 0.1 acre) is stored at the southeastern edge of the pit, above the highwall. The operator has imported approximately 20 tons of clean and inert soil to the site per its June 28, 2019 notice to the Division. This material is stockpiled at the eastern edge of the pit and will be used for reclamation. The Division estimates the pit wall to be approximately 1,855 feet in length. The eastern and southern portions of the pit wall are located very close to the permit boundary, most likely requiring backfilling rather than cut/fill methods to achieve the final slope gradient for reclamation. Due to the irregular shape of the southern pit wall, several knobs along this highwall could potentially be excavated and the material used for backfill material. Additional backfill material available on site includes the small stockpile of material stored just north of this pit and the imported soil stored at the eastern edge of the pit. The operator will need to be very careful when reclaiming the south pit area not to create any disturbance outside of the approved permit area, which would result in a possible violation and civil penalties.

To complete reclamation of the site in accordance with the approved reclamation plan, the operator will need to grade the pit walls in the south pit area to 3H:1V or flatter, rip approximately 3.6 acres of compacted areas (1.63 acres stockpiling areas + 2 acres pit floor), replace 6 inches of topsoil on all disturbed lands (estimated to cover the entire 9.9 acre permit area), and plant industrial hemp at 5 foot spacing on all disturbed lands.

After conducting this inspection, the Division reassessed the required financial warranty for reclaiming the site

in accordance with the approved plan (see enclosed bond estimate), and found this amount to be \$51,632.00, which is \$32,990.00 more than the currently held amount of \$18,642.00. The majority of this increase is associated with the revegetation costs for planting industrial hemp at 5 foot spacing (per Technical Revision No. 1). The Division's bond calculating software (CIRCES) does not include an industrial hemp species. Therefore, the Division substituted a plant species in the hemp family which is available in CIRCES, the Hackberry tree. The Division realizes the costs associated with this task may not necessarily be accurate for planting industrial hemp plants. Therefore, the operator is encouraged to provide the Division with demonstration of the actual costs per acre for planting industrial hemp at 5 foot spacing. Another significant contributor to the increase is the task for retopsoiling 9.9 acres. Therefore, if the operator believes the north pit area has been retopsoiled, this demonstration should be provided to the Division. Please keep in mind, all topsoil available on site, including the large topsoil stored along the northern permit boundary and the smaller topsoil stockpile stored at the southern permit boundary must be used for reclamation. If any topsoil remains after reclamation, this material must be graded to 3H:1V or flatter and revegetated in accordance with the approved revegetation plan.

<u>A Problem is cited in this report (Problem #1; see page 1 of this report) for failure to maintain the proper</u> <u>financial warranty amount to complete reclamation of the affected lands in accordance with the</u> <u>approved reclamation plan.</u> The operator is encouraged to review the enclosed bond estimate and submit any comments or evidence of reclamation work completed within 60 days of the date of this inspection report. If, by the 60-day corrective action deadline, the Division has not received any comments from the operator, a notice of Surety Increase will be issued for the amount calculated in the enclosed bond estimate. The operator will have 60 days from the date of such notice to post the additional required financial warranty.

During the inspection, Mr. Mocevic indicated they no longer have plans to grow industrial hemp at the site. In fact, they are currently considering plans to turn the site into a residential area. To do this, they would need to backfill the entire south pit, and potentially bring the grade of the entire site up by five feet or so. The Division informed the operator any changes to the approved reclamation plan must be reviewed and approved by the Division through the appropriate permit revision. To change the post-mining land use for the site (e.g., from rangeland to residential) or to make significant changes to the current approved reclamation plan, the operator must submit an Amendment application with the required fee of \$827. The Amendment application would need to include demonstration the proposed change in post-mining land use is compliant with county land use and zoning requirements. To make minor changes to the approved reclamation plan (e.g., revise the seed mixture), the operator could submit a Technical Revision with the required fee of \$216.

Considering the amount of time that has passed since mining activities occurred at the site, the Division strongly recommends the operator reclaim the site in accordance with the approved reclamation plan and post-mining land use then request a full release of the permit, after which time, the site could be used for other purposes. If the operator wishes to make a minor change to the reclamation plan, for example, to revise the revegetation plan to include planting native grasses rather than industrial hemp, this change would most likely impact the required financial warranty calculated for the site. Therefore, if the operator plans to submit such a proposal, it is strongly recommended the Technical Revision be submitted prior to the corrective action deadline for Problem #1 (described above).

The permit file indicates that mining activities ceased at this site in May of 2015. Pursuant to Rule 3.1.3, all reclamation shall be carried to completion by the operator with all reasonable diligence, and each phase of reclamation shall be completed within 5 years from the date the operator informs the Board or Office that such phase has commenced, or from the date the Office has evidence that mining or exploration has ceased, unless extended by the Board or Office. Because it has been almost six years now since mining activities ceased at the site, and very little if any reclamation has been achieved since that time, the operator is clearly not completing reclamation with all reasonable diligence as required by Rule 3.1.3. The Division understands activities at the

site were stalled by the 2015 death of the previous operator, and the temporary takeover of the permit by his Estate while the fate of the permit was determined. However, the current permittee has held the permit for two years now, and has not completed any reclamation of the site besides importing some soil to the south pit (as mentioned above). <u>Therefore, the Division is citing a problem in this report (Problem #2; see page 1 of this</u> <u>report) for failure to complete reclamation of the site within 5 years from the date that mining activities</u> <u>ceased, requiring the operator to provide a timeline for completing reclamation at the site in accordance</u> <u>with the approved reclamation plan.</u> The expectation is that all required earthwork and initial seeding/planting will be completed this calendar year, so that the operator is only waiting for successful revegetation in order to request a full release of the permit.

This concludes the report.

Any questions or comments regarding this inspection report should be forwarded to Amy Eschberger at the Colorado Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, via telephone at 303-866-3567, ext. 8129, or via email at <u>amy.eschberger@state.co.us</u>.

PHOTOGRAPHS



Photo 1. View looking southeast at imported material stored in eastern portion of pit.



Photo 2. View looking east at imported material stored in eastern portion of pit.



Photo 3. View looking north across eastern pit wall, approximately 5-10 feet in height with 1H:1V slopes.



Photo 4. View looking southeast across eastern pit wall, approximately 5-10 feet in height with 1H:1V slopes.



Photo 5. View looking southwest across northern pit wall, approximately 8-10 feet in height with 1H:1V slopes.



Photo 6. View looking southwest across western portion of pit. Note portion of northern pit wall (with erosion feature) shown in foreground.



Photo 7. View looking south across central portion of pit. Note southern pit wall shown in background.



Photo 8. View looking southeast across eastern portion of pit. Note eastern pit wall shown in background.



Photo 9. View looking south at southern pit wall, approximately 15 feet in height with 1H:1V slopes. Note small topsoil stockpile stored above highwall (indicated).



Photo 10. View looking south at southern pit wall, approximately 15 feet in height with 1H:1V slopes. Note extruding portions of highwall which could be extracted to create additional backfill material if needed for sections of highwall located too close to permit boundary for cut/fill methods.



Photo 11. View looking west across pit from its eastern edge.



Photo 12. View looking south at small material stockpile left at northern edge of pit.



Photo 13. View looking north across backfilled north pit area, showing large topsoil stockpile stored along northern permit boundary (indicated in background). Vegetative cover in this area consists primarily of weeds.



Photo 14. View looking north across backfilled north pit area, showing closer view of large topsoil stockpile stored along northern permit boundary. Vegetative cover in this area consists primarily of weeds.



Photo 15. View looking west across backfilled north pit area. Vegetative cover in this area consists primarily of weeds.



Photo 16. Ground view in north pit area, showing vegetative cover consisting primarily of weeds.

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS <u>Y</u>	(FN) FINANCIAL WARRANTY PB	(RD) ROADS <u>Y</u>
(HB) HYDROLOGIC BALANCE <u>Y</u>	(BG) BACKFILL & GRADING <u>Y</u>	(EX) EXPLOSIVES <u>N</u>
(PW) PROCESSING WASTE/TAILING <u>N</u>	(SF) PROCESSING FACILITIES <u>N</u>	(TS) TOPSOIL <u>Y</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>N</u>	(SP) STORM WATER MGT PLAN <u>N</u>	(RS) RECL PLAN/COMP <u>PB</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

Inspection Contact Address

Stefan Mocevic Colorado farms llc 6460 S Quebec Street Centennial, CO 80111

- Encl(s): Google Earth image of site Site map submitted with AM-01 in 2011 Division's Bond Estimate Technical Revision form
- CC: Michael Cunningham, DRMS

M-1988-052 / Big R Pit / Colorado Farms LLC / (Image data from 9/12/2019)

Red outline = 9.9 acres = Approved Permit Area (location approximated based on permit maps) Green outline = 1.45 acres = Topsoil stockpiles (1.35 acres + 0.1 acre) Purple outline = 0.18 acre = Material stockpile Yellow line = 1,855 feet = Approximate length of pit highwall

भेmported backfill material.

Google Earth

Ci2021 Google

N



BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF CERTIFICATION SHOWN HEREON



COST SUMMARY WORK

Та	sk description: Cost Summary				
Site:	Big R Pit Per	mit Action: Feb	2021 Inspection	Permit/Job	o#: M1988052
<u>PR</u>	OJECT IDENTIFICATION				
	Task #: 000 State:	Colorado		Abbreviation:	None
	Date: 2/5/2021 County:	Elbert		Filename:	M052-000
	User: AME				
	Agency or organization name: DR	MS			
	Agency of organization name. DR	MB			
тл	SK LIST (DIRECT COSTS)				
17	<u>SK LIST (DIRECT COSTS)</u>				
Task		For	m Fleet		
Lasn	Description	Use	ed Size	Hours	Cost
001	Grade pit wall to 3H:1V	DO	ZER 1	13.93	\$2,613
002	Rip 3.6 acres compacted areas	RIP	PPER 1	5.90	\$1,184
003	Retopsoil 9.9 acres	SCI	RAPER1 1	14.31	\$9,079
004	Revegetate 9.9 acres	RE	VEGE 1	10.00	\$21,260
					+
005	Mobilization/Demobilization	MC	BILIZE 1	7.44	\$7,767

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$846
Performance bond:	1.05	Total =	\$440
Job superintendent:	25.79	Total =	\$1,794
Profit:	10.00	Total =	\$4,190
		TOTAL O & P =	\$7,270
		CONTRACT AMOUNT (direct + O & P) = $($	\$49,173

SUBTOTALS:

\$41,903

51.58

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	\$0 0.00 5.00	Total = Total =	\$0 \$0 \$2,459
CONTINGENCY:	0.00	Total =	\$0
	TOTAL I	NDIRECT COST =	\$9,729
TOTAL BO	ND AMOUNT (direct + indirect) =	\$51,632

BULLDOZER WORK

Task descript	ion:	Grade	pit wall to) 3П :1 V			
Big R Pit			Peri	mit Action:	Feb 2021 Inspection	Permit/Job#:	M1988052
PROJECT	IDENTIF	ICATIO	<u>N</u>				
Task #:	001		State:	Colorado		Abbreviation:	None
Date:	2/5/2021		County:	Elbert		Filename:	M052-001
User:	AME		5			-	
Age	ency or orga	nization n	ame: DR	RMS			
HOURLY	EQUIPMI	ENT COS	<u>ST</u>				
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Cost Breakdo		- /					
COSt DICARU	<u>, ,, 11</u> ,				Utilization %		
Ownership	Cost/Hour:			\$74.64	NA		
Operating				\$71.55	100		
Ripper own.		-		\$0.00	NA		
	Cost/Hour:			\$0.00	0		
Ripper op.	Cost/Hour			\$41.30	NA		
Ripper op. Operator	0050110011			\$41.50	INA		
Operator		¢197 /()	\$41.50	NA		
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Task # 001

sh gradient:1.115(CAT HB)Altitude:1.000(CAT HB)rial Weight:0.868(CAT HB)
rial Weight: 0.868 (CAT HB)
Blade type: 1.000 (PAT)
Blade type: 1.000 (PAT)

Adjusted unit production:	887.47 LCY/hr
Adjusted fleet production:	887.47 LCY/hr

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.211/LCY

Total job time:	13.93 Hours
Total job cost:	\$2,613

BULLDOZER RIPPING WORK

		Rip 3.6 acres compacted	l areas		<u> </u>
	Big R Pit	Permit Act	ion: Feb 2021 Inspe	ection Permit/Jol	o#: <u>M1988052</u>
ļ	PROJECT ID	ENTIFICATION			
		/2021 County: Elber		Abbreviation Filename	
	User: AN				
	Agency	or organization name: DRMS			
]	HOURLY EQ	UIPMENT COST			
		Machine: Cat D7R DS XR Series	II	Horsepower:	240
	Ripper Att	achment: 3-Shank Ripper		Shift Basis: Data Source:	1 per day (CRG)
(Cost Breakdown:				(CRO)
<u> </u>	Cost Breakdown.	<u>-</u>		Utilization %	
		Ownership Cost/Hour:	\$74.64	NA	
	Rinne	Operating Cost/Hour: er Ownership Cost/Hour:	\$71.55 \$7.60	100 NA	
		per Operating Cost/Hour:	\$5.32	100	
		Operator Cost/Hour:	\$41.30	NA	
		Total Unit Cost/Hour:	\$200.40		
		Total Fleet Cost/Hour:	\$200.40		
I	MATERIAL (<u>UANTITIES</u>	Selected estimating	method: Area	
ł	Alternate Method	ls:	C		
mic:	NA	 Bank Volur	ne: NA	BCY	NA
area:	3.60	acres Rip Depth (Volume: 11,616	BCY of
-		Source of estimated quantity: D	RMS		
ז	HOURLY PRO	· · · <u> </u>			_
_		<u>objection</u>			
2	<u>Seismic:</u>	Seismic Velocity:	NA	feet/second	
	Area:				
<u>r</u>	<u>Alta.</u>	Average Ripping Depth:	2.45	feet/pass	
		Average Ripping Width:	6.50	feet/pass	
		Average Ripping Length:	<u> </u>	feet/pass feet/minute	
		Average Dozer Speed:	0.25	feet/minute minutes/pass	
		Production per unit area:	0.734	acres/hour	
j	Job Condition Co	prrection Factors			
_	Un	adjusted Hourly Unit Production:	0.734	Acres/hr	
		Site Altitude:	6,130		
		Altitude Adj:	<u> </u>	feet (CAT HB)	
		Job Efficiency:	0.83	(1 shift/day)	
		Net Correction:	0.83	multiplier	
		Adjusted Hourly Unit Produc	tion: 0.61	Acres/hr	
		Adjusted Hourly Fleet Produc		Acres/hr	
<u>.</u>]	JOB TIME AN	Adjusted Hourly Fleet Produc		Acres/hr	
J	JOB TIME AN Fleet size: _	Adjusted Hourly Fleet Produc			Hours

Page 1 of 2

SCRAPER TEAM WORK

Site: Big R Pit	Perm	nit Action:	Feb 2021 Inspection	on Peri	mit/Job#: M198	8052
PROJECT IDENT	TIFICATION					
Task #: 003	State:	Colorado		Abbrev	viation: None	
Date: 2/5/202 User: AME	1 County:	Elbert		Fil	ename: M052-	003
Agency or o	rganization name:	MS				
HOURLY EQUIP	<u>MENT</u>		COSTShif	t basis: <u>1 per d</u>	ay	
		Equipme	ent Description			
	-Scraper:		G			
Suppor	-Dozer: t Equipment -Load Area:		R DS XR Series II			
Suppor	-Dump Area:		K D5 AK Series II			
Road Mai	ntenance – Motor Grader:	CAT 14				
	-Water Truck:	Water 7	Fanker, 2,500 Gal.			
Cost Breakdown:	Scraper Work Tean	ı	Support Equipm	nent	Maintenance	Equipme
		ozer	Load Area	Dump Area	Motor Grader	Water
%Utilization-machine:	100	NA	75	NA	50	
Ownership cost/hour:	\$144.75	NA	\$74.64	NA	\$65.89	
Operating cost/hour:	\$145.83	NA	\$53.66	NA	\$29.48	
%Utilization-ripper:	NA	NA	NA	NA	NA	
Ripper own. cost/hour:	NA	NA	\$0.00	NA	\$0.00	
Ripper op. cost/hour:	NA	NA	\$0.00	NA	\$0.00	
Operator cost/hour:	\$30.90	NA	\$41.30	NA	\$28.56	
Unit Subtotals:	\$321.47	NA	\$169.60	NA	\$123.93	
Number of Units:	1	0	1	0	1	
Group Subtotals:	Work: \$32	21.47	Support:	\$169.60	Maint:	\$14.
Total work team cost/	hour: <u>\$634.45</u>					
MATERIAL QUA	NTITIES					
Initial volume: Loose volume:	7,986 9,703	CCY LCY	Swell factor	: 1.215		
	ce of estimated volume:		x 6 inch placement	depth		
Source o	f estimated swell factor:	Cat Hand	dbook			
HOURLY PRODU	JCTION					
			-	vl (volume) Bas		
Material weight: Material description:	1,600 lbs/LCY Top Soil		Struck Vo Heaped Vo			CY CY
Rated Payload:	81,600 pounds		Average Vo			CY
ujioudi	, .				D .	

<u>0.80</u> Minutes

<u>0.70</u> Minutes

Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 6130 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: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	350.00	3.00	3.00	6.00	1069	0.37

Haul Time: **0.37** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	350.00	-3.00	3.00	0.00	2937	0.26
				Return Time:	0.26	minutes
			Total Scrape	r team cycle time:	2.13	minutes
			Adjusted f	or job conditions:	678.03	LCY/Hour
			Selected Nu	mber of Scrapers:	1	Scraper(s)
	Adjuste	d single scrap	er team (unit) h	ourly production:	678.03	LCY/Hour
	Adjusted n	nultiple scrap	er team (fleet) h	ourly production:	678.03	LCY/Hour
Optima	Unadjusted unit pro al Number of Scrapers pe			LCY/Hour		
JOB TI	ME AND COST					
Fleet	t size: 1	Team(s)	Т	otal job time:	14.31	Hours

 Fleet size:
 1
 Team(s)
 Total job time:
 14.31
 Hours

 Unit cost:
 \$0.936
 /LCY
 Total job cost:
 \$9,079

REVEGETATION WORK

Task descri	ption:	Revegetate 9.9 a	cres			
ite: Big R Pi	t	Per	mit Action:	Feb 2021 Inspection	Permit/Job	#: <u>M1988052</u>
PROJECT Task #:	IDENTIFIC	CATION State:	Colorado		Abbreviation:	None
Date: User:	2/5/2021 AME	County:	Elbert		Filename:	M052-004

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Ammonium nitrate, 33-0-0	2.00	pound	\$0.34	\$0.67
			Total Fertilizer Materials Cost/Acre	\$0.67

Application

Description		Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)		\$37.03
	Total Fertilizer Application Cost/Acre	\$37.03

TILLING

Description	Cost /Acre
Weed control spraying (MEANS 31 31 16.13 3100)	\$193.60
Total Tilling Cost/Acre	\$193.60

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
			\$
Totals Seed Mix	0.00	0.00	\$0.00

Application

Description	Cost /Acre
	\$
	\$0.00

Total Seed Application Cost/Acre

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 Appl	lication Cost/Acre \$0.00

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
Hackberry, Common	1742	Tubling, 3 cu. in. container	\$1.10	\$0.00	\$1,916.20
		(MEANS)			
		Total	s Nursery Stoc	ek Cost / Acre	\$1,916.20

JOB TIME AND COST

D ation of	No. of Acres:		Cost /Acre:	
Estimated Failure Rate: *Selected Replanting Work Items:			Cost /Acre*:	\$0.00
Selected Replant	ing work items.	NONE		
Initial Job Cost:	\$21,260.25			
Reseeding Job Cost:	\$0.00			
Total Job Cost:	\$21,260			
Job Hours:	10.00			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Mo	bilization/Demob	ilization				
: Big R Pit		Permit	Action: Feb 2	2021 Inspec	tion	Permit/Job#: <u>M</u>	1988052
PROJECT IDEN	NTIFICATI	<u>ON</u>					
Task #: 005		State: Co	olorado		Abbre	eviation: None	
Date: 2/5/ User: AM	2021 E	County: El	bert		Fi	ilename: M052	2-005
Agency o	r organizatior	n name: DRMS					
EQUIPMENT T	RANSPOR	<u>T RIG COST</u>					
				C	Shift ba Cost Data Sou		
Truck	Tractor Desc	ription: GENE	RIC ON-HIGH			DR, 6X4, DIESEI	L POWERED,
Truck	r Trailer Desc	rintion:	ENEDIC EOL		(2ND HALF,	2006) ROP DECK EQU	IDMENIT
TTUCK	Trailer Desc	Tipuoli. O			(25T, 50T, AI		
				THE HEER	(231, 301, 71	1001)	
Cost Breakdown:							
Available Rig Ca		0-25 Tons	26-50 Tons		Tons		
Ownership		\$17.20	\$29.63		8.69		
	Cost/Hour:	\$26.56	\$47.02		5.69		
	Cost/Hour:	\$23.63	\$23.63		3.63		
	Cost/Hour:	\$0.00	\$23.53	\$2	3.53		
Total Unit	Cost/Hour:	\$67.39	\$123.81	\$14	41.54		
		TENT.					
NON ROADABI							
Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)		t		fleet		
Cat D7R DS XR Series II	32.01	\$74.64	\$123.81	1	\$198.45	\$123.81	\$250.00
Cat D7R DS XR Series II	35.93	\$82.24	\$123.81	1	\$206.05	\$123.81	\$250.00
Cat 631G	52.50	\$144.75	\$141.54	1	\$286.29	\$141.54	\$250.00
CAT 14M	23.57	\$65.89	\$67.39	1	\$133.28	\$67.39	\$250.00
				Cubtotola.	\$974.07	¢ 456 55	¢1 000 00
				Subtotals:	\$824.07	\$456.55	\$1,000.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Water Tanker, 2,500 Gal.	\$28.84	1	\$28.84	\$28.84
Light Duty Pickup, 4x4, 3/4 T.	\$13.23	1	\$13.23	\$13.23
		Subtotals:	\$42.07	\$42.07

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	AURORA 28.00 50.00	miles mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$7,719.46	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$47.12	

Transportation Cycle Time:

Non- Roadable Equipment 0.56	Roadable Equipment 0.56
0.56	0.56
1.30	NA
1.30	NA
3.72	1.12
	Roadable Equipment 0.56 0.56 1.30 1.30

JOB TIME AND COST

Total job time: **7.44** Hours

Total job cost: \$7,767



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203 ph(303) 866-3567

REQUEST FOR TECHNICAL REVISION (TR) COVER SHEET

File No.: M	Site Name:	
County	TR#	(DRMS Use only)
Permittee:		
Operator (If Other than Permittee)		
Permittee Representative:		
Please provide a brief description	of the proposed revision:	

As defined by the Minerals Rules, a Technical Revision (TR) is: "a change in the permit or application which does not have more than a minor effect upon the approved or proposed Reclamation or Environmental Protection Plan." The Division is charged with determining if the revision as submitted meets this definition. If the Division determines that the proposed revision is beyond the scope of a TR, the Division may require the submittal of a permit amendment to make the required or desired changes to the permit.

The request for a TR is not considered "filed for review" until the appropriate fee is received by the Division (as listed below by permit type). Please submit the appropriate fee with your request to expedite the review process. After the TR is submitted with the appropriate fee, the Division will determine if it is approvable within 30 days. If the Division requires additional information to approve a TR, you will be notified of specific deficiencies that will need to be addressed. If at the end of the 30 day review period there are still outstanding deficiencies, the Division must deny the TR unless the permittee requests additional time, in writing, to provide the required information.

There is no pre-defined format for the submittal of a TR; however, it is up to the permittee to provide sufficient information to the Division to approve the TR request, including updated mining and reclamation plan maps that accurately depict the changes proposed in the requested TR.

Required Fees for Technical Revision by Permit Type - Please mark the correct fee and submit it with your request for a Technical Revision.

<u>Permit Type</u>	Required TR Fee	Submitted (mark only one)
110c, 111, 112 construction materials, and 112 quarries	\$216	
112 hard rock (not DMO)	\$175	
110d, 112d(1, 2 or 3)	\$1006	