

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:
		M-2007-035	Sand	Jackson
INSPECTION TYPE:		WEATHER: Clear	INSP. DATE:	INSP. TIME:
Monitoring			September 11, 2023	13:30
OPERATOR:		OPERATOR REPRESENTATIVE:	TYPE OF OPERA	TION:
Glenn E Sessions & Sons, Inc.		Jamie Sessions	112c - Construction	Regular Operation
REASON FOR INSPECTION:		BOND CALCULATION TYPE:	BOND AMOUNT:	
Normal I&E Program		Complete Bond	\$35,527.00	
DATE OF COMPLAINT:		POST INSP. CONTACTS:	JOINT INSP. AGE	NCY:
NA		None	None	
INSPECTOR(S):	INSPE	CTOR'S SIGNATURE:	SIGNATURE DAT	E:
Hunter Ridley			September 28, 2023	
	11 4	N I.		
	Hunter	Kidley		
	1.0.000			

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>N</u>	(FN) FINANCIAL WARRANTY <u>Y</u>	(RD) ROADS <u>Y</u>
(HB) HYDROLOGIC BALANCE <u>Y</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>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE <u>Y</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 Y	(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 Bond Pit was inspected by Hunter Ridley with the Division of Reclamation, Mining and Safety (Division) as a part of the Division's normal monitoring inspection program. Jamie Sessions with Glenn E. Session & Sons, Inc was present during the inspection. The site is located about 3 miles north of Walden, CO and is accessed by a two track road off of CR 125.

An entrance sign was posted and permit boundary markers in the form of a fence were observed as required by Rule 3.1.12 (Photo 1).

The Bond Pit is a 112c operation permitted for 20.31 acres. The site has not changed drastically since the last inspection in 2019. About half of the site is still left to mine with approximately 10 acres currently disturbed. Mining has historically progressed from north to south. The southernmost area which had been stripped of topsoil in 2019 has now been mined. A large product stockpile is located in the northwest corner of the site (Photos 3 and 4) and is hauled off on an as needed basis. This stockpile was stable with no signs of erosion. No processing equipment is stored onsite. A small office is located at the end of the site access road, nearest the pit (Photo 10).

Highwalls onsite range from 6-8' in height and are all at an approximate 1H:1V slope (Photos 6, 7, and 8). Mining has progressed south since the last inspection. The pit floor was dry with no signs of erosion. A culvert located along the western permit boundary helps to drain stormwater (Photo 8). Topsoil and overburden are both stored to the east, with topsoil being stored along the easternmost boundary. Both stockpiles were well vegetated with volunteer vegetation (Photo 2, 5, 7, and 9). The proposed post-mining land use is rangeland and highwalls will be reclaimed to 3H:1V slopes.

The Division currently holds a financial warranty amount of, \$35,527.00 for this site. The bond was last updated post inspection in 2019. In an effort to ensure the Financial Warranty adequately reflects the actual current cost of fulfilling the requirements of the approved reclamation plan, the Division has updated the reclamation cost estimate. The Division has found the current bond to be **inadequate** for reclamation of the site. The updated required bond amount is \$59,560.00. This is an **increase of \$24,033.00**. A copy of staff calculations has been attached with this report. A notice of surety increase will be sent under separate cover.

Photographs taken during the inspection have been included below. Responses to this inspection report should be directed to: Hunter Ridley at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 720-868-7757 or via email at <u>hunter.ridley@state.co.us</u>.

PHOTOGRAPHS



Photo 1: Appropriate mine signage is located at the site entrance.



Photo 2: View east of permit boundary extent which lies just beyond stockpiled overburden.



Photo 3: View southwest of pit and product stockpile.



Photo 4: View west of current stockpiled of product.



Photo 5: View southeast of stockpiled topsoil.



Photo 6: View southwest looking towards the southern extent of mining.



Photo 7: View east of the mined highwall, a topsoil stockpile can be seen in the background.



Photo 8: View west of a culvert which drains storm water along the pit boundary.



Photo 9: View east of overburden pile, topsoil is stockpiled behind.



Photo 10: View west of pit entrance road and office.

Inspection Contact Address Jamie Sessions

Jamie Sessions Glenn E Sessions & Sons, Inc. 33492 Hwy 125 Walden, CO 80480

COST SUMMARY WORK

Г	Task descrip	otion:	Updated post in	spection 202.	3		
Site:	Bond Pit		Pe	rmit Action:	Insp 2023	Permit/Jol	o#: M2007035
<u>P</u>]	ROJECT Task #:	IDENTIFIC	CATION State:	Colorado		Abbreviation:	None
	Date:	9/6/2023	County:	Jackson		Filename:	M035-000
	User:	HR1					
	Age	ency or organi	zation name: DF	RMS			

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Grade 1,125 LF of 6' Avg Height Highwall	DOZER	1	5.53	\$2,359
002	Replace 12" of Overburden - 4 Acres	DOZER	1	40.11	\$17,112
003	Replace 6" Topsoil - 7 Acres	DOZER	1	20.80	\$8,872
004	Revegetate - 7 Acres	REVEGE	1	7.00	\$12,733
005	Mob / Demob	MOBILIZE	1	13.14	\$4,648
		<u>SUBTO</u>	TALS:	86.58	\$45,724

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$924
Performance bond:	1.05	Total =	\$480
Job superintendent:	43.29	Total =	\$2,817
Profit:	10.00	Total =	\$4,572
		TOTAL O & P =	\$8,793
		CONTRACT AMOUNT (direct + $O \& P$) =	\$54,517

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	\$0 4.25 5.00		Total = Total =	\$0 \$2,317 \$2,726	
CONTINGENCY:	0.00		Total =	\$0	
		TOTAL INI	DIRECT COST =	\$13,836	
TOTAL BO	ND AN	AOUNT (din	rect + indirect) =	\$59,560	

BULLDOZER WORK

Task description:	Grade	1,125 LF	of 6' Avg H	eight Highwall		
Bond Pit		Per	mit Action:	Insp 2023	Permit/Job#:	M2007035
PROJECT IDEN	NTIFICATIO	<u>N</u>				
Task #: 001		State:	Colorado		Abbreviation:	None
Date: $9/25/2$	2023	County:	Jackson		Filename:	001
	23 PM	5				
User: HR1					-	
Agency of	organization na	ame: DI	RMS			
HOURLY EQUI	PMENT COS	<u>5T</u>				
Basic Machine:	Cat D8T - 8S	U				
Horsepower:	310	-				
Blade Type:	Semi-Univers	sal				
Attachment:	NA					
Shift Basis:	1 per day					
Data Source:	(CRG)					
Cost Breakdown:						
				Utilization %		
Ownership Cost/H			\$241.38	NA		
Operating Cost/H			\$143.92	100		
Ripper own. Cost/H			\$0.00	NA		
Ripper op. Cost/H			\$0.00	0		
Operator Cost/H	Iour:		\$41.30	NA		
Total Fleet Cost/Ho						
MATERIAL QU	JANTITIES					
Initial Volume:	3,000					
Swell factor:	1.124					
Loose volume:	3,371 LCY					
Source of estimated	l volume:	Division	of Reclamati	on, Mining & Safety		
Source of estimated	swell factor:	Cat Hand		, <u> </u>		
UNIDI V DDAT						
HOURLY PROI	DUCTION					
		0 feet				
Average push distant Unadjusted hourly	nce: 5	0 feet ,400.0 LC	Y/hr			
Average push dista	nce: <u>5</u> production: <u>1</u>	,400.0 LC		mbankment 0.9		
Average push distar Unadjusted hourly j Materials consisten	nce: production: cy description:	,400.0 LC		mbankment 0.9		
Average push dista Unadjusted hourly Materials consisten Average push gradi	nce: production: cy description: ent:10 %	,400.0 LC _Compa		mbankment 0.9		
Average push distar Unadjusted hourly Materials consisten Average push gradi Average site altitud	nce: production: cy description: ent:10 %	,400.0 LC _Compa		mbankment 0.9		
Average push dista Unadjusted hourly Materials consisten Average push gradi	nce: production: cy description: ent:10 %	,400.0 LC _Compa		mbankment 0.9		
Average push distar Unadjusted hourly Materials consisten Average push gradi Average site altitud	nce: 5 production: 1 cy description: ent: -10% e: $8,100 \text{ for}$ 2,900 H	,400.0 LC _Compa	icted fill or e	mbankment 0.9		
Average push distan Unadjusted hourly p Materials consisten Average push gradi Average site altitud Material weight: Weight description: Job Condition Corr	nce:	,400.0 LC Compa cet os/LCY d gravel -	icted fill or e	Source		
Average push distan Unadjusted hourly p Materials consisten Average push gradi Average site altitud Material weight: Weight description: Job Condition Corre Ope	nce:	,400.0 LC Compa eet os/LCY d gravel -	<u>cted fill or e</u>	Source (AVG.)		
Average push distan Unadjusted hourly p Materials consisten Average push gradi Average site altitud Material weight: Weight description: Job Condition Corr Ope Material c	nce:	,400.0 LC <u>Compa</u> eet os/LCY d gravel - 0 0	icted fill or e	Source		

Task # 001

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)

Adjusted unit production:	609.56 LCY/hr
Adjusted fleet production:	609.56 LCY/hr

Fleet size:	1 Dozer(s)
Unit cost:	\$0.700/LCY

Total job time:	5.53 Hours
Total job cost:	\$2,359

BULLDOZER WORK

Task description:	Replace	e 12" of Over	buraen	- 4 Acres		
Bond Pit		Permit	Action:	Insp 2023	Permit/Job#:	M2007035
PROJECT IDEN	TIFICATION	N				
Task #: 002			olorado		Abbreviation:	None
Date: $9/25/2$	2023		ckson		Filename:	002
3:15:3		county. ou				
User: HR1					-	
Agency or	organization na	me: DRMS				
HOURLY EQUI	PMENT COS	T				
Basic Machine:	Cat D8T - 8S	U				
Horsepower:	310					
Blade Type:	Semi-Univers	al				
Attachment:	NA					
Shift Basis:	1 per day					
Data Source:	(CRG)					
Cost Breakdown:						
				Utilization %		
Ownership Cost/H			241.38	NA		
Operating Cost/H		\$	143.92	100		
Ripper own. Cost/H			\$0.00	NA		
Ripper op. Cost/H			\$0.00	0		
Operator Cost/H	our:		\$41.30	NA		
Total unit Cost/Hou						
Total Fleet Cost/Ho						
Total Fleet Cost/Hor	ANTITIES					
Total Fleet Cost/Hou <u>MATERIAL QU</u> Initial Volume:	ANTITIES 6,453					
Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor:	ANTITIES 6,453 1.000					
Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume:	ANTITIES 6,453 1.000 6,453 LCY					
Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated	ANTITIES 6,453 1.000 6,453 LCY volume:	Division of R		ion, Mining & Safety		
Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume:	ANTITIES 6,453 1.000 6,453 LCY volume:			ion, Mining & Safety		
Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated	ANTITIES 6,453 1.000 6,453 LCY volume: swell factor:	Division of R		ion, Mining & Safety		
Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated	ANTITIES 6,453 1.000 6,453 LCY volume: swell factor:	Division of R		ion, Mining & Safety		
Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated	ANTITIES 6,453 1.000 6,453 LCY volume: swell factor:	Division of R		ion, Mining & Safety		
Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD	ANTITIES 6,453 1.000 6,453 LCY volume: swell factor: DUCTION ace: 2:	Division of R Cat Handboo		ion, Mining & Safety		
Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan	ANTITIES 6,453 1.000 6,453 LCY volume: swell factor: DUCTION ace: 2: oroduction: 3	Division of R Cat Handboo 50 feet 77.8 LCY/hr	k	ion, Mining & Safety		
Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p Materials consistence Average push gradie	ANTITIES 6,453 1.000 6,453 LCY volume: swell factor: PUCTION ace: pucction: by description: ent:5 %	Division of R Cat Handboo 50 feet 77.8 LCY/hr Compacted	k			
Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p Materials consistence	ANTITIES 6,453 1.000 6,453 LCY volume: swell factor: PUCTION ace: pucction: by description: ent:5 %	Division of R Cat Handboo 50 feet 77.8 LCY/hr Compacted	k			
Total Fleet Cost/Hou MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p Materials consistence Average push gradie	ANTITIES 6,453 1.000 6,453 LCY volume: swell factor: PUCTION ace: pucction: by description: ent:5 %	Division of R Cat Handboo 50 feet 77.8 LCY/hr Compacted et	k			
Total Fleet Cost/Hot MATERIAL QU. Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p Materials consistence Average push gradie Average site altitude	ANTITIES $6,453$ 1.000 $6,453$ LCYvolume:swell factor: $2000000000000000000000000000000000000$	Division of R Cat Handboo 50 feet 77.8 LCY/hr Compacted et	k fill or e			
Total Fleet Cost/Hou MATERIAL QU. Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p Materials consistence Average push gradie Average site altitude Material weight:	ANTITIES 6,453 1.000 6,453 LCY volume: swell factor: pUCTION ace: 2: production: 3' cy description: ent: -5 % e: 8,100 fe	Division of R Cat Handboo 50 feet 77.8 LCY/hr Compacted et s/LCY	k fill or e	mbankment 0.9		
Total Fleet Cost/Hor MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p Materials consistence Average push gradie Average site altitude Material weight: Weight description: Job Condition Correc Open	ANTITIES $6,453$ 1.000 $6,453$ LCYvolume:swell factor: $-$ DUCTION ace: $2:$ oroduction: $3'$ cy description:ent: -5% $2,700$ lbSand andextion Factorrator Skill:	Division of R Cat Handboo 50 feet 77.8 LCY/hr Compacted et s/LCY d clay - Loose 0.750	k	mbankment 0.9		
Total Fleet Cost/Hor MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push distan Unadjusted hourly p Materials consistence Average push gradie Average site altitude Material weight: Weight description: Job Condition Correc Open Material co	ANTITIES $6,453$ 1.000 $6,453$ LCYvolume:swell factor: $-$ DUCTION ace: $2:$ oroduction: $3'$ cy description:ent: -5% $2,700$ lbSand andextion Factorrator Skill:	Division of R Cat Handboo 50 feet 77.8 LCY/hr Compacted et s/LCY d clay - Loose	k fill or e	mbankment 0.9		

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.852	(CAT HB)
Blade type:	1.000	(PAT)

Adjusted unit production:	160.87 LCY/hr
Adjusted fleet production:	160.87 LCY/hr

Fleet size:	1 Dozer(s)
Unit cost:	\$2.652/LCY

Total job time:	40.11 Hours
Total job cost:	\$17,112

BULLDOZER WORK

Task description:	Replace 6" Topsoil -	7 Acres			
: Bond Pit	Permit A	ction:	Insp 2023	Permit/Job#:	M2007035
PROJECT IDENTI	FICATION				
Task #: 003	State: Co	lorado		Abbreviation:	None
Date: 9/25/2023		ckson		Filename:	003
3:17:38 P	M			-	
User: HR1					
Agency or orga	anization name: DRMS				
HOURLY EQUIPM	ENT COST				
Basic Machine: Ca	at D8T - 8SU		_		
Horsepower: 31					
JI	emi-Universal		_		
Attachment: N			_		
	per day		_		
	CRG)		_		
Cost Breakdown:		1	Litilization %		
Ownership Cost/Hour:	\$2	41.38	<u>Utilization %</u> NA		
Operating Cost/Hour:		43.92	100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		641.30	NA		
MATERIAL QUANInitial Volume:5,6Swell factor:1.0	46				
Loose volume: 5,6	46 LCY				
Source of estimated volu	ume: Division of Re	eclamatio	on, Mining & Safety		
Source of estimated swe	ell factor: Cat Handbook	2			
HOURLY PRODUC	CTION				
HOURLY PRODUC	250 feet				
	250 feet				
Average push distance:	250 feet uction: 377.8 LCY/hr	fill or en	nbankment 0.9		
Average push distance: Unadjusted hourly produ Materials consistency de	250 feet uction: 377.8 LCY/hr escription: Compacted	fill or en			
Average push distance: Unadjusted hourly produ	250 feet uction: 377.8 LCY/hr	fill or en	nbankment 0.9		
Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient:	uction: 250 feet 377.8 LCY/hr escription: Compacted 5 %	fill or en	nbankment 0.9		
Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude:	250 feet array 377.8 LCY/hr escription: Compacted -5 % 8,100 feet	fill or en	nbankment 0.9		
Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction	250 feet action: 377.8 LCY/hr escription: Compacted -5 % 8,100 feet 1,600 lbs/LCY Top Soil m Factor 1	fill or en	Source		
Average push distance: Unadjusted hourly produced Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator	250 feet action: 377.8 LCY/hr escription: Compacted -5 % 8,100 feet 1,600 lbs/LCY 1,600 lbs/LCY Top Soil n Factor r Skill: 0.750	fill or en	Source (AVG.)		
Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction	250 feetuction: $377.8 LCY/hr$ escription:Compacted $-5 %$ $8,100 feet$ $1,600 lbs/LCY$ $1,600 lbs/LCY$ Top Soil $1600 solution$ $n Factor$ $0.750 stency:$ 0.900	fill or en	Source		

Task # 003

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Adjusted unit production:	271.49 LCY/hr
Adjusted fleet production:	271.49 LCY/hr

Fleet size:	1 Dozer(s)
Unit cost:	\$1.571/LCY

Total job time:	20.80 Hours
Total job cost:	\$8,872

REVEGETATION WORK

Bond Pit		Per	mit Action: Insp 2	2023 Pe	ermit/Job#	: <u>M2007035</u>
PROJECT	IDENTIFIC	ATION				
Task #:	004	State:	Colorado	Abbrev	viation:	None
Date:	9/25/2023	County:	Jackson	File	ename:	004
	3:18:58 PM					
	HR1					

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)		\$112.82
	Total Tilling Cost/Acre	\$112.82

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alsike Clover	1.00	15.61	\$3.83
Orchardgrass - Elsie	1.00	12.40	\$3.10
White Dutch Clover - Alice	1.00	19.51	\$6.70
Tall Fescue - Fawn E.F.	1.50	7.82	\$2.89
Western Wheatgrass - Arriba	2.50	6.31	\$16.25
Needlegrass, Green - Lodorm	2.00	8.31	\$23.55
Timothy - Climax	0.50	14.35	\$0.80
		84.31	\$57.11

Totals Seed Mix9.50

Application

Description		Cost /Acre
Drill seeding (MEANS 32 92 19.13 0020)		\$468.00
	Total Seed Application Cost/Acre	\$468.00

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$429.79	\$859.57
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.01	\$4.01
Total Mulch Materials Cost/Acre				\$863.58

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$74.46
Weed spray, truck, non-aquatic area, nox. [DMG]		\$62.72
Weed spray, truck, non-aquatic areas, ann. [DMG]		\$22.81
	Total Mulch Application Cost/Acre	\$159.99

NURSERY STOCK PLANTING

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
		Totals 1	Nursery Stoc	k Cost / Acre	\$0.00

Estimat	No. of Acres: ed Failure Rate:		Cost /Acre: Cost /Acre*:	
*Selected Replanti	ng Work Items:	SEEDING		
Initial Job Cost:	\$11,630.50			
Reseeding Job Cost:	\$1,102.73			
Total Job Cost:	\$12,733		_	
Job Hours:	7.00			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description	on: Mo	b / Demob						
e: Bond Pit		Permit	Action: Insp 2	2023	I	Permit/Jo	o#: <u>M</u> 2	2007035
PROJECT II	DENTIFICATI	<u>ON</u>						
Task #:	005	State: Co	olorado		Abbre	viation:	None	
	9/25/2023 3:20:13 PM		ckson		Fi	lename:	005	
User:	HR1							
Ageno	cy or organizatior	name: DRMS	6					
	uck Tractor Desc ruck Trailer Desc		ERIC ON-HIGH	400 HF	(2ND HALF,	2006)		
]	RAILER	(25T, 50T, AN	ND 100T)		
Cost Breakdow	<u>n:</u>							
Available Rig	g Capacities	0-25 Tons	26-50 Tons	51	+ Tons			
Owners	hip Cost/Hour:	\$20.26	\$36.04	\$	47.05			
Operat	ing Cost/Hour:	\$39.51	\$76.08	\$	82.85			
	ator Cost/Hour:	\$22.52	\$22.52		22.52			
Hel	per Cost/Hour:	\$0.00	\$23.53		23.53			
Total U	Unit Cost/Hour:	\$82.29	\$158.17	\$1	75.95			
NON ROADA	ABLE EQUIPM	IENT: Owner ship	Haul Rig	Fleet	Haul Trip	Return	Trin	DOT Permit
Description	Unit	Cost/br/ unit	U	Size		Cost/hr		Cost/ fleet

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 D8T - 8SU	47.71	\$241.38	\$158.17	1	\$399.55	\$158.17	\$250.00
				~			
				Subtotals:	\$399.55	\$158.17	\$250.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
	\$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:	FORT COLLINS, CO 80.00 35.00	miles mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$4,647.78	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$0.00	_

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	2.29	2.29
Return Time (Hours):	2.29	2.29
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	1.00	NA
Subtotals:	6.57	4.57

JOB TIME AND COST

Total job time: 13.14 Hours

Total job cost: _____\$4,648_____