

January 13, 2025

Harry Colborn Badger Hole LLC 10889 Co Rd 320 Rifle, CO 81650

RE: JOKER PLACER PROJECT, FILE NO. P-2024-015, BADGER HOLE LLC, NOTICE OF INTENT TO CONDUCT EXPLORATION OPERATIONS, DEFECIENCY REVIEW NO. 3

Dear Harry Colborn:

On December 9, 2024, the Division of Reclamation, Mining and (Division) received and reviewed your responses to our December 9, 2024 deficiency letter. Please address the following items:

- 1. Resolved.
- 2. Resolved.
- 3. Resolved.
- 4. The Division understands that Mr. Colborn will be purchasing the L.R. Smith Investments LLC properties to the west and east of the proposed prospecting site. Until such date, proof of Right of Entry via an easement agreement has been provided with the original application. Therefore, this item is currently *Resolved*. Updated proof of Right of Entry will need to be submitted to the Division when Mr. Colborn's acquisition is confirmed.

Financial Warranty:

The Division has performed a reclamation cost estimate to reclaim the proposed 2 acres of disturbance for the Joker Placer Project. The total value of this estimate is \$8,734.00 (see attached cost estimate). The Division respectfully requests a response from Badger Hole LLC with any questions regarding the cost estimate or an acceptance of the Division's estimate.

Pursuant to Rule 5.1.3(c) of the Hard Rock/Metal Mining Rules and Regulations, all adequacy items must be addressed by **February 7, 2025**. <u>If this date arrives and the adequacy concerns have not been addressed</u> <u>and/or the additional financial warranty has not been submitted and accepted by the Division, the NOI will</u> <u>be denied</u>. Please note that prospecting operations may not begin until authorized by the Division and until the Plan of Operations has been approved by the Bureau of Land Management.

If you require additional information, or have questions or concerns, please feel free to contact me at 720-868-7757 or <u>hunter.ridley@state.co.us</u>



Sincerely, Hunter C. Ridley

Hunter Ridley

Environmental Protection Specialist CC: Zach Trujillo, DRMS

COST SUMMARY WORK

Joker Pla	acer Project	Pe	rmit Action:	New Application	Permit/Jol	b#: P2024015
ROJECT	IDENTIFICAT	<u>'ION</u>				
Task #:	000	State:	Colorado		Abbreviation:	None
Date:	11/14/2024	County:	Moffat		Filename:	P015-000
User:	HR1					

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Mob / Demob	MOBILIZE	1	6.22	\$2,474
002	Fill in 10 test holes	DOZER	1	0.46	\$51
003	Spread topsoil over 2 acres of disturbance	DOZER	1	4.88	\$543
004	Reveg test pits, equip storage, trommel areas	REVEGE	1	2.00	\$3,668
005	Reveg 400' of new paths, 6.5 ft wide	REVEGE	1	1.00	\$110
		<u>SUBTO</u>	<u>TALS:</u>	14.56	\$6,846

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$138
Performance bond:	1.05	Total =	\$72
Job superintendent:	7.28	Total =	\$577
Profit:	10.00	Total =	\$685
		TOTAL O & P =	\$1,472
		CONTRACT AMOUNT (direct + O & P) = $($	\$8,318

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 \$416
CONTINGENCY:	0.00	Total =	\$0
	TOTAL I	NDIRECT COST =	\$1,888
TOTAL BO	ND AMOUNT (d	lirect + indirect) =	\$8,734

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Joker Placer Pr	oject	Permit	Action: New	Application	n	Permit/Job#:	P2024015
PROJECT IDEN	TIFICATI	<u>ON</u>					
Task #: 001			olorado		Abbre	viation: N	Vone
Date: $11/14$ User: HR1	4/2024	County: Mo	offat		Fi	lename: P	015-001
Agency or	organizatior	n name: DRMS					
EQUIPMENT TR	KANSPUK	I RIG COST					
					Shift ba	sis: <u>1 p</u>	er day
				C	Cost Data Sou	rce: CRO	G Data
Truck	Fractor Desc	ription GENE	RIC ON-HIGH	WAY TRI	ICK TRACTO	DR 6X4 DIF	ESEL POWERED,
Truck					(2ND HALF,		LOLL I O WERLD,
					(2102 In IBI)	2000)	
Truck	Trailer Desc	ription G	ENERIC FOLD	ING GOO	SENECK DE	SOB DECK F	FOLIPMENT
Truck	Trailer Desc	ription: G	ENERIC FOLD		,		EQUIPMENT
	Trailer Desc	ription: G			SENECK, DF (25T, 50T, A)		EQUIPMENT
Truck [®] Cost Breakdown:	Trailer Desc	ription: G			,		EQUIPMENT
		0-25 Tons		FRAILER	,		EQUIPMENT
Cost Breakdown:	pacities	·		TRAILER	(25T, 50T, A)		EQUIPMENT
Cost Breakdown: Available Rig Caj Ownership O	pacities Cost/Hour:	0-25 Tons	26-50 Tons	51 +	(25T, 50T, A)		EQUIPMENT
Cost Breakdown: Available Rig Caj	pacities Cost/Hour: Cost/Hour:	0-25 Tons \$10.44	26-50 Tons \$22.18	TRAILER 51+ \$2 \$5	(25T, 50T, A) Tons 3.94		EQUIPMENT
<u>Cost Breakdown:</u> Available Rig Caj Ownership C Operating C Operator C	pacities Cost/Hour: Cost/Hour:	0-25 Tons \$10.44 \$26.48	26-50 Tons \$22.18 \$54.55	<u>FRAILER</u> 51+ \$2 \$5 \$2	(25T, 50T, A) Tons 3.94 5.65		EQUIPMENT
<u>Cost Breakdown:</u> Available Rig Caj Ownership C Operating C Operator C	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons \$10.44 \$26.48 \$22.52	26-50 Tons \$22.18 \$54.55 \$22.52	TRAILER 51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2	(25T, 50T, A) Tons 3.94 5.65 2.52		EQUIPMENT
Cost Breakdown: Available Rig Caj Ownership C Operating C Operator C Helper C	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53	TRAILER 51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2	(25T, 50T, A) Tons 3.94 5.65 2.52 3.53		EQUIPMENT
Cost Breakdown: Available Rig Caj Ownership (Operating (Operator (Helper (Total Unit (pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53	TRAILER 51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2	(25T, 50T, A) Tons 3.94 5.65 2.52 3.53		EQUIPMENT
Cost Breakdown: Available Rig Caj Ownership (Operating (Operator (Helper (Total Unit (NON ROADABL	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT:	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78	TRAILER 51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2 \$12	(25T, 50T, A) Tons 3.94 5.65 2.52 3.53 25.64	<u>ND 100T)</u>	
Cost Breakdown: Available Rig Caj Ownership (Operating (Operator (Helper (Total Unit (NON ROADABL Machine	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT: Owner ship	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig	TRAILER 51+ \$2 \$5 \$2 \$2 \$11 Fleet	(25T, 50T, A) Tons 3.94 5.65 2.52 3.53 25.64 Haul Trip	ND 100T)	p DOT Permit
Cost Breakdown: Available Rig Caj Ownership (Operating (Operator (Helper (Total Unit (NON ROADABL	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT:	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni	TRAILER 51+ \$2 \$5 \$2 \$2 \$2 \$2 \$2 \$2 \$12	(25T, 50T, A) Tons 3.94 5.65 2.52 3.53 25.64 Haul Trip Cost/hr/	<u>ND 100T)</u>	p DOT Permit
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C Total Unit C NON ROADABL Machine Description	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS)	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t	Size Fleet Size	(25T, 50T, A) Tons 3.94 5.65 2.52 3.53 25.64 Haul Trip Cost/hr/ fleet	ND 100T) Return Tri Cost/hr/ flo	p DOT Permit eet Cost/ fleet
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C Total Unit C NON ROADABL Machine Description Cat D5N LGP - 5P	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS) 11.47	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit \$39.33	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t \$59.44	TRAILER 51+ \$2 \$5 \$2 \$2 \$11 Fleet	(25T, 50T, A) Tons 3.94 5.65 2.52 3.53 25.64 Haul Trip Cost/hr/ fleet \$98.77	ND 100T) Return Tri Cost/hr/ flo \$59.44	p DOT Permit cost/ fleet \$250.00
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C Total Unit C NON ROADABL Machine Description	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS)	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t	Size Fleet Size	(25T, 50T, A) Tons 3.94 5.65 2.52 3.53 25.64 Haul Trip Cost/hr/ fleet	ND 100T) Return Tri Cost/hr/ flo	p DOT Permit eet Cost/ fleet
Cost Breakdown: Available Rig Cap Ownership C Operating C Operator C Helper C Total Unit C NON ROADABL Machine Description Cat D5N LGP - 5P	pacities Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: E EQUIPN Weight/ Unit (TONS) 11.47	0-25 Tons \$10.44 \$26.48 \$22.52 \$0.00 \$59.44 MENT: Owner ship Cost/hr/ unit \$39.33	26-50 Tons \$22.18 \$54.55 \$22.52 \$23.53 \$122.78 Haul Rig Cost/hr/uni t \$59.44 \$59.44	Size Fleet Size	(25T, 50T, A) Tons 3.94 5.65 2.52 3.53 25.64 Haul Trip Cost/hr/ fleet \$98.77	ND 100T) Return Tri Cost/hr/ flo \$59.44	p DOT Permit cet 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
Drill/Broadcast Seeder with	\$79.16	1	\$79.16	\$79.16
Tractor				
Power Mulcher (Bowie LD-90)	\$58.47	1	\$58.47	\$58.47
Light Duty Pickup, 4x4, 1 T.	\$24.60	1	\$24.60	\$24.60
Crew				
		Subtotals:	\$162.23	\$162.23

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance:	CRAIG 25.00	miles
Average Travel Speed:	45.00	mph
Total Non-Roadable Mob/Demob Cost *	\$2,294.20	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$180.26	

Transportation Cycle Time:

	Non- Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.56	0.56
Return Time (Hours):	0.56	0.56
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	1.00	NA
Subtotals:	3.11	1.11

JOB TIME AND COST

Total job time: 6.22 Hours

Total job cost: **\$2,474**

BULLDOZER WORK

Task description:	Fill in 10 test hole	s			
: Joker Placer Project	Perm	nit Action:	New Application	Permit/Job#:	P2024015
PROJECT IDENTIFI	CATION				
Task #: 002	State:	Colorado		Abbreviation:	None
Date: $11/14/2024$	County:	Moffat		Filename:	P015-002
User: HR1	County	Wollar		Thename.	1015 002
Agency or organ	ization name: DR	MS			
HOURLY EQUIPME	NT COST				
	D5K2 XL - 5P				
Horsepower: 96					
• •	ver Angle Tilt				
Attachment: NA					
Shift Basis: <u>1 pe</u> Data Source: (CR	er day				
	.0)				
Cost Breakdown:		I			
Ownership Cast/IIa		¢41.01	<u>Utilization %</u>		
Ownership Cost/Hour: Operating Cost/Hour:		\$41.91 \$30.74	<u>NA</u> 100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$38.59	NA		
1			1 11 1		
Total unit Cost/Hour: Total Fleet Cost/Hour:	\$111.24 \$111.24				
Total Fleet Cost/Hour:	\$111.24				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000	\$111.24 ITIES				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100	\$111.24 ITIES) LCY				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 Source of estimated volume	\$111.24 ITIES D LCY ne:Ten 10 CY				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 1	\$111.24 ITIES D LCY ne:Ten 10 CY				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 Source of estimated volur Source of estimated swell HOURLY PRODUCT	\$111.24 ITIES CCY ne: <u>Ten 10 CY</u> factor: <u>Cat Handb</u> YION				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 100 Loose volume: 100 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance:	\$111.24 ITIES CCY factor: Ten 10 CY factor: Cat Handb CION 50 feet	book			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 Source of estimated volur Source of estimated swell HOURLY PRODUCT	\$111.24 ITIES CCY factor: Ten 10 CY factor: Cat Handb CION 50 feet	book			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 100 Loose volume: 100 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance:	\$111.24 ITIES D D CCY ne: Ten 10 CY factor: Cat Handb CION Stion: 50 feet 464.3 LCY/r	book			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly produc Materials consistency des Average push gradient:	\$111.24 ITIES D LCY ne: Ten 10 CY factor: Cat Handb TON Stion: 50 feet cription: Loose st 5 %	nr			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly produc	\$111.24 ITIES CCY ne: Ten 10 CY factor: Cat Handb CION CION Stion: 50 feet etion: 464.3 LCY/r cription: Loose st	nr			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly produc Materials consistency des Average push gradient:	\$111.24 ITIES D LCY ne: Ten 10 CY factor: Cat Handb TON Stion: 50 feet cription: Loose st 5 %	nr			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude:	\$111.24 ITIES D LCY ne: Ten 10 CY factor: Cat Handb YION stion: 50 feet cription: Loose st 5 % 7,000 feet	nr tockpile 1.2			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 I Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly produc Materials consistency des Average push gradient: Average site altitude: Material weight:	\$111.24 ITIES D LCY ne: Ten 10 CY factor: Cat Handb YION stion: 464.3 LCY/r cription: Loose st 5 % 7,000 feet 2,650 lbs/LCY Decomposed rock -	nr tockpile 1.2			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description:	\$111.24 ITIES CY ne: Ten 10 CY factor: Cat Handb YION etion: 50 feet cription: Loose st 5 % 7,000 feet 2,650 lbs/LCY Decomposed rock - Factor	nr tockpile 1.2	, 75% Earth		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 I Source of estimated volur Source of estimated volur Source of estimated volur Materials consistency des Average push distance: Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator S Material consistency	\$111.24 ITIES D LCY ne: Ten 10 CY factor: Cat Handb CION Stion: 50 feet 20 464.3 LCY/r cription: Loose st 5 % 7,000 feet 2,650 lbs/LCY Decomposed rock - Factor 0.7 Skill: 0.7 ency: 1.2	nr tockpile 1.2 	, 75% Earth <u>Source</u> (AVG.) (CAT HB)		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 100 Swell factor: 1.000 Loose volume: 100 I Source of estimated volur Source of estimated volur Source of estimated volur Materials consistency des Average push distance: Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator S	\$111.24 ITIES D LCY ne: Ten 10 CY factor: Cat Handb YION Stion: 50 feet 20 464.3 LCY/r cription: Loose st 5 % 7,000 feet 2,650 lbs/LCY Decomposed rock - Factor Skill: 0.7 cncy: 1.2 thod: 1.0	nr tockpile 1.2	, 75% Earth <u>Source</u> (AVG.)		

Job efficient	Job efficiency:		(1 SHIFT/DAY)
Spoil pi	Spoil pile:		(FND-RF)
Push gradient:		0.903	(CAT HB)
Altitud	de:	1.000	(CAT HB)
Material Weig	Material Weight:		(CAT HB)
Blade typ	Blade type:		(PAT)
Net correction	on:	0.4684	
Adjusted unit production:	21	7.48 LCY/hr	
Adjusted fleet production:	21	7.48 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$0.511/LCY

Total job time:	0.46 Hours
Total job cost:	\$51

BULLDOZER WORK

	F F		of disturbance		
Joker Placer Project	Perm	nit Action:	New Application	Permit/Job#:	P2024015
PROJECT IDENTIFI	<u>CATION</u>				
Task #: 003	State:	Colorado		Abbreviation:	None
Date: $11/14/2024$	County:	Moffat		Filename:	P015-003
User: HR1				-	
Agency or organi	ization name: DRI	MS			
HOURLY EQUIPME	NT COST				
Basic Machine: Cat	D5K2 XL - 5P				
Horsepower: 96					
• •	er Angle Tilt				
Attachment: NA					
	r day				
Data Source: (CR	U)				
Cost Breakdown:		1			
		.	<u>Utilization %</u>		
Ownership Cost/Hour:		\$41.91	NA		
Operating Cost/Hour:		\$30.74	100 NA		
Ripper own. Cost/Hour: _ Ripper op. Cost/Hour:		\$0.00 \$0.00	<u>NA</u> 0		
Operator Cost/Hour:		\$0.00	NA U		
operator costribut.		\$50.57	INA		
Total Fleet Cost/Hour:	\$111.24				
	ITIES	_			
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215	ITIES				
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215	ITIES	 ver 2 acres,	Form item #3		
MATERIAL QUANTIInitial Volume:1,076Swell factor:1.215Loose volume:1,307	TTIES LCY he: _4 inches or		Form item #3		
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated swell	TTIES LCY factor: 4 inches ov Cat Handb		Form item #3		
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated swell HOURLY PRODUCT	ITIES LCY he: <u>4 inches ov</u> factor: <u>Cat Handb</u> ION		Form item #3		
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance:	ITIES LCY he: <u>4 inches ov</u> factor: <u>Cat Handb</u> ION <u>75 feet</u>	oook	Form item #3		
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated swell HOURLY PRODUCT	ITIES LCY he: <u>4 inches ov</u> factor: <u>Cat Handb</u> ION <u>75 feet</u>	oook	Form item #3		
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance:	ITIES LCY he: <u>4 inches or</u> factor: <u>Cat Handb</u> ION <u>75 feet</u> tion: <u>376.8 LCY/h</u>	oook nr	Form item #3		
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product	ITIES LCY he: <u>4 inches or</u> factor: <u>Cat Handb</u> ION <u>75 feet</u> tion: <u>376.8 LCY/h</u>	oook nr			
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency desc	ITIES i <	oook nr			
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency desc Average push gradient:	ITIES inches 'LCY ne: 4 inches ov factor: Cat Handb ION tion: 75 feet stion: 376.8 LCY/h cription: Partly co 5 %	oook nr			
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency desc Average push gradient: Average site altitude:	ITIES i 'LCY ne: 4 inches ov factor: Cat Handb ION tion: $\frac{75 \text{ feet}}{376.8 \text{ LCY/h}}$ cription: Partly co 5 % 7,000 feet	oook nr			
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency desc Average site altitude: Material weight: Weight description:	ITIES i 'LCY ne: 4 inches ov factor: Cat Handb ION ition: 75 feet tion: 376.8 LCY/h cription: Partly co 5 % 7,000 feet 1,600 lbs/LCY Top Soil	oook nr	stockpile 1.1		
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency desc Average site altitude: Material weight:	ITIES LCY he: <u>4 inches ov</u> factor: <u>Cat Handb</u> ION tion: <u>75 feet</u> tion: <u>75 feet</u> 376.8 LCY/h cription: <u>Partly co</u> <u>5 %</u> 7,000 feet 1,600 lbs/LCY Top Soil Factor	oook nr onsolidated			
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency desc Average site altitude: Material weight: Weight description: Job Condition Correction I	ITIES i 'LCY ne: 4 inches or factor: Cat Handb ION tion: $\frac{75 \text{ feet}}{376.8 \text{ LCY/h}}$ cription: Partly co 5 % 7,000 feet 1,600 lbs/LCY Top Soil Factor 0.7	oook nr onsolidated	stockpile 1.1		
MATERIAL QUANTI Initial Volume: 1,076 Swell factor: 1.215 Loose volume: 1,307 Source of estimated volum Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency desc Average site altitude: Material weight: Weight description: Job Condition Correction I	ITIES i 'LCY ne: 4 inches ov factor: Cat Handb ION tion: 75 feet tion: 376.8 LCY/h cription: Partly co 5 % 7,000 feet 1,600 lbs/LCY Top Soil Factor %kill: 0.7 ncy: 1.1 hod: 1.0	oook nr onsolidated 	stockpile 1.1 <u>Source</u> (AVG.)		

Job efficient	cy:	0.830	(1 SHIFT/DAY)
Spoil pile:		0.800	(FND-RF)
Push gradie	ent:	0.903	(CAT HB)
Altitude:		1.000	(CAT HB)
Material Weig	t:	1.438	(CAT HB)
Blade typ	pe:	1.000	(PAT)
Net correction	on:	0.7113	
Adjusted unit production:	26	8.02 LCY/hr	
Adjusted fleet production:	26	8.02 LCY/hr	
-	-		

Fleet size:	1 Dozer(s)
Unit cost:	\$0.415/LCY

Total job time:	4.88 Hours
Total job cost:	\$543

REVEGETATION WORK

Т	ask descrip	otion:	Reveg test	pits, equip storag	e, trommel areas		
Site:	Joker Pla	cer Project		Permit Action:	New Application	Permit/Jol	o#: P2024015
PF	ROJECT	IDENTIFIC	ATION				
	Task #:	004	S	tate: Colorado		Abbreviation:	None
	Date:	11/14/2024	Co	unty: Moffat		Filename:	P015-004
	User:	HR1					
	Age	ency 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
	\$
Total Tilling Cost/Acre	\$0.00

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Native	4.30	13.92	\$74.36
Sandberg Bluegrass - VNS	0.56	11.89	\$8.09
Milk Vetch, Cicer - Monarch	1.30	4.33	\$12.42
Vetch, American	5.28	2.39	\$650.05
Needle and Thread	2.18	5.76	\$177.51
Western Wheatgrass - Native	6.12	15.45	\$55.11
Yarrow, Western	0.06	3.65	\$2.89
Bluebunch Wheatgrass - Goldar	4.98	16.01	\$57.07

Totals Seed Mix	24.78	73.39	\$1,037.51	
-----------------	-------	-------	------------	--

Application

Description		Cost /Acre
Broadcast seeding [DMG]		\$272.56
	Total Seed Application Cost/Acre	\$272.56

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	k Cost / Acre	\$0.00

	No. of Acres: ed Failure Rate:	40%	Cost /Acre: Cost /Acre*:	
*Selected Replanti	ng Work Items:	SEEDING		
Initial Job Cost:	\$2,620.14			
Reseeding Job Cost:	\$1,048.06			
Total Job Cost:	\$3,668			
Job Hours:	2.00			

REVEGETATION WORK

Task descri	ption:	Reveg 400' of new paths, 6	5.5 ft wide		
Site: Joker P	acer Project	Permit Action	: New Application	Permit/Job	o#: <u>P2024015</u>
PROJECT	' IDENTIFIC	ATION			
Task #:	005	State: Colorado)	Abbreviation:	None
Date:	11/14/2024	County: Moffat		Filename:	P015-005
User:	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
	\$
Total Tilling Cost/Acre	\$0.00

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Native	4.30	13.92	\$74.36
Sandberg Bluegrass - VNS	0.56	11.89	\$8.09
Milk Vetch, Cicer - Monarch	1.30	4.33	\$12.42
Vetch, American	5.28	2.39	\$650.05
Needle and Thread	2.18	5.76	\$177.51
Western Wheatgrass - Native	6.12	15.45	\$55.11
Yarrow, Western	0.06	3.65	\$2.89
Bluebunch Wheatgrass - Goldar	4.98	16.01	\$57.07

Totals Seed Mix	24.78	73.39	\$1,037.51	
-----------------	-------	-------	------------	--

Application

Description		Cost /Acre
Broadcast seeding [DMG]		\$272.56
	Total Seed Application Cost/Acre	\$272.56

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 Stock Cost / Acre				\$0.00	

	Cost /Acre: <u>\$1,310.07</u>
40%	Cost /Acre*: \$1,310.07
SEEDING	
	0.06 40% SEEDING