

March 25, 2025

Peter Freedman AuPt Industries LLC PO Box 1424 Edwards, CO 81632

RE: West Side Placer, File No. M-2016-081, Application for 110 Conversion to a 112c Operation (CN-2), Adequacy Review #3

Peter Freedman,

On March 20, 2025, the Division of Reclamation, Mining and Safety (Division) received your adequacy response letter for CN-2 at the West Side Placer site, M-2016-081. The Division has reviewed the above referenced adequacy review response letter and material submitted. The following is a list of the adequacy review items from the Division's March 7, 2025 Adequacy Review Letter #2. If additional information or revision is required, it will be noted. If an item is resolved, that will be indicated.

The Division found the application for CN-2 complete on December 17, 2024. Pursuant to Rule 1.6.2(1)(e), upon completeness AuPt Industries LLC is required to mail or personally serve a copy of the notice provided for in Rule 1.6.2(1)(e) immediately after the first publication to: (i) all Owners of Record of the surface and mineral rights of the affected land; (ii) the Owners of Record of all land surface within 200 feet of the boundary of the affected lands. As of the date of this letter, the Division has yet to receive a proof of notice to the required entities (in this case, the BLM to the south) for CN-2. Please provide the Division with a copy of these notices. *Response: Proof of publication was not provided in the applicant's adequacy review response package*. Please submit this proof of notice to the Division. Resolved.

EXHIBIT D – Mining Plan

2. The Division delineates between 'disturbed' and 'affected' acreage. Affected land being the surface of an area within the state where a mining operation is being or will be conducted, which surface is disturbed as a result of such operation. For this operation, the affected acreage would be 79.9 acres. Disturbed land means land that has been altered in some way by mining or mining related activities. As per these definitions, for this operation, any equipment storage or processing areas are also considered disturbed land, e.g. the two-acres of area prepped and cleared for equipment storage and the 9.9 acres already disturbed as part of the currently existing 110(2) permit. As a result, the statement made on Page 13, Exhibit D, Section A that "no more than 15 acres will be disturbed at



one time" is inaccurate. Please revise this section of the narrative to reflect an accurate count of all acreage to be disturbed at once- which will include any processing or equipment storage areas and active mining areas. This can be written as such to also convey that no more than three mining blocks, of 5 acres each, will be in some state of stripping, mining, and reclamation at once. Response: The narrative section of the Mining Plan has been updated to include in the disturbed acres amount the additional acreage already disturbed by the 110 permit. However, the given number of 21 acres is still not accurate. There are currently ~9.9 acres disturbed by the original 110 permit. If an additional 15 acres is planned to be open and disturbed under the new 112 permit, then the disturbed acreage would be 24.9 acres at minimum. Additionally, the Division suggests that the maximum disturbed acreage amount be increased to include more than one 'set' of 5-acre open mining, topsoil stripping and revegetation areas. Especially if the Operator anticipates mining phases to move relativity quickly. If max disturbed acreage is limited to 24.9 acres, the Operator will need to work with the Division to update the bond amount for a new mining phase BEFORE it is opened so as to not disturb more than 24.9 acres at any one time. Should the Operator wish to have a less stringent timeline for mining phases, it is recommended that the maximum disturbed acreage be increased. Resolved.

3. The Division has calculated an updated reclamation cost estimate for the West Side Placer operation with regard to the proposed operation under CN2. The estimate has been provided to AuPt Industries LLC with this letter. The Division respectfully requests a response from AuPt with any questions regarding the cost estimate or an acceptance of the Division's estimate.

This concludes the Division's adequacy review of this application. This letter shall not be interpreted to mean that there are no other technical deficiencies in your application; other issues may arise as additional information is supplied. Please be advised the permit application may be deemed inadequate, and the application may be denied on **April 16, 2025**, unless the above mentioned adequacy review items are addressed to the satisfaction of the Division. If more time is needed to complete the reply, the Division can grant an extension to the decision date. This will be done upon receipt of a written waiver of the Applicant's right to a decision by **April 16, 2025**, and the request for additional time. This must be received no later than the deadline date.

If you have any questions, please contact me by email at <u>hunter.ridley@state.co.us</u> or by phone at (720)868-7757.

Sincerely, Hunter C. Ridley

Hunter Ridley

Environmental Protection Specialist

CC: Zach Trujillo, DRMS

COST SUMMARY WORK

Т	ask descrip	otion:						
Site:	West Side	e Placer	Per	mit Action:	CN-2	Permit/Jol	o#: <u>M2016081</u>	
<u>P1</u>		IDENTIFICA HCR 3/25/2025 HR1	TION State: County:	Colorado Moffat		Abbreviation: Filename:	None M081-HCR	

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Plug 4 water wells @ 300 ft depth	BOREHOLE	1	64.00	\$16,110
02a	Demo Rapid Thickener Pillars	DEMOLISH	1	4.00	\$63
02b	Demo Processing Plant foundations	DEMOLISH	1	159.00	\$10,486
03a	Backfill and OB replacement of 110(2) mining area	SCRAPER1	1	21.17	\$28,601
03b	Ore replacement for active mining phase backfill (2 Phases)	DOZER	1	149.40	\$48,048
04a	Rip compacted processing area and haul roads	RIPPER	1	13.09	\$4,513
05a	Regrade 110(2) permit area	GRADER	1	7.20	\$1,092
05b	Grade active mining phases and topsoil stripping phase (3 Ph	GRADER	1	10.91	\$1,655
06a	Topsoil replacement on 110(2) mining areas	DOZER	1	52.44	\$16,865
06b	Replace topsoil on stripped and active mining Phases (3)	DOZER	1	79.45	\$25,554
07a	Seed 110(2) area	REVEGE	1	9.00	\$9,093
07b	Seed mining phases (2 Phases) and stripped Phase (1 Phase)	REVEGE	1	15.00	\$13,777
07c	Maintenance seeding of reclamation acres 25% (CN2)	REVEGE	1	2.00	\$1,148
08a	Initial Mobilization	MOBILIZE	1	5.78	\$6,650
		<u>SUBTO</u>	TALS:	592.44	\$183,655

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$3,710
Performance bond:	1.05	Total =	\$1,928
Job superintendent:	296.72	Total =	\$23,521
Profit:	10.00	Total =	\$18,366
		TOTAL O & P =	\$47,525
		CONTRACT AMOUNT (direct + O & P) = $($	\$231,180

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$500	Total =	\$500
Engineering work and/or contract/bid preparation:	4.25	Total =	\$9,825
Reclamation management and/or administration:	5.00		\$11,559

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$69,409

TOTAL BOND AMOUNT (direct + indirect) = ____\$253,064

BOREHOLE SEALING WORK

,	Task description:	Plug 4 water	r wells @ 300 ft	depth			
Site:	West Side Placer		Permit Action:	CN-2	Permit/J	ob#:	M2016081
PROJE	CT IDENTIFICATION	N					
Task #:	01A	State:	Colorado		Abbreviation:	Non	e
Date:	3/25/2025	County:	Moffat		Filename:	01a	
User:	HR1						
	Agency or organization	tion name:	DRMS				

UNIT COSTS

Borehole Description	Sealing/Item Method	Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Plug lower portion of well	Bentonite seal - 8 in. (labor, equip, materials)	7.875	1180	1,180.00	LF	\$13.29	\$15,685.39
Plug upper portion of well	Portland cement grout - 10 in. (labor, equip, materials)	8.625	20	20.00	LF	\$12.05	\$241.01
Marker	Borehole location/identification marker (EA, material cost only)	8.625	4	4.00	EA	\$46.00	\$184.00

Job Hours: 64.00

Total Cost: \$16,110.00

DEMOLITION WORK

Task description	n: Demo R	apid Thickener Pillars					
Site: West Side Pla	cer	Permit Action: <u>CN-2</u>			Permit/Job#: <u>M2016081</u>		
PROJECT IDENTIF	ICATION						
Task #: 02A	Sta	te: Colorado		Abbreviat	ion: None	e	
Date: 3/25/2025	Coun	ty: Moffat		Filena	me: M08	1-02a	
User: HR1							
Agency	or organization name	: DRMS					
UNIT COSTS				Location	adjustmen	t: 95.50 %	
Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost	
6 Pillars	12"D x 6'L	Footing, concrete, 1.0 ft. x 2 ft No reinforcing	18.00	LF	\$3.66	\$65.88	

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	4.00	(unadjusted):	\$65.88	location):	\$62.92

DEMOLITION WORK

Task description	on: Demo	Processing Plant foundation	15			
Site: West Side Placer		Permit Action: <u>CN-2</u>		Permit/Job#: M2016081		
PROJECT IDENTI	FICATION					
Task #: 02B	S	tate: Colorado		Abbreviat	ion: None	e
Date: 3/25/2025	Cou	nty: Moffat		Filena	me: 02b	
User: HR1						
Agency	or organization nam	e: DRMS				
UNIT COSTS				Location	adjustmen	t: 95.50 %
Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Concrete Foundations	100'D x 30'L	Footing, concrete, 1.0 ft. x 2 ft No reinforcing	3,000.00	LF	\$3.66	\$10,980.00

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	159.00	(unadjusted):	\$10,980.00	location):	\$10,485.90

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SCRAPER TEAM WORK

Site: West S	ide Placer		Permit	Action:	CN-2	Pern	nit/Job#: <u>N</u>	12016081	
PROJE(<u>CT IDENT</u>	TIFICATION							
Task #	: 03A	Sta	te: (Colorado		Abbrev	iation: No	one	
Date	: 3/25/20	025 Coun	ity: 1	Moffat		File		081-03a	
User	: <u>HR1</u>								
1	Agency or c	organization name:	DRM	S					_
HOURL	Y EQUIP	<u>'MENT</u>			COSTS	nift basis: <u>1 per da</u>	<u>ıy</u>		
					nt Description				_
			aper:	Cat 637	G				_
	Suppor	rt Equipment -Load	ozer: Area:	NA Cat D87	Г - 8S U				_
		-Dump /	Area:	Cat D81					_
	Road Mai	intenance – Motor Gr		NA					_
		-Water T	ruck:	NA					_
Cost Brea	akdown:	Scraper Work	Team		Support Equip	oment	Mainten	ance Equi	ipment
		Scraper	Doz	zer	Load Area	Dump Area	Motor Gra	der W	ater Tr
%Utilization-	-machine:	100		NA	100	100		NA	
Ownership of	cost/hour:	\$329.66		NA	\$173.32	\$173.32		NA	
Operating of	cost/hour:	\$347.48		NA	\$109.71	\$109.71	-	NA	
%Utilizatio	on-ripper:	NA		NA	NA	NA		NA	
Ripper own.		NA		NA	\$0.00	\$0.00		NA	
Ripper op. o		NA		NA	\$0.00	\$0.00		NA	
Operator of		\$30.90		NA	\$38.59	\$38.59		NA	
	Subtotals:	\$708.04		NA	\$321.62	\$321.62		NA	
	of Units:	1	* =00	0		1		0	
Group	Subtotals:	Work:	\$708	3.04	Support:	\$643.24	Ma	int:	\$0.00
		/hour: <u>\$1,351.28</u>							
	AIAL QUA al volume:	<u>NTITIES</u> 9.999		CCY	Swell fact	or: 1.000			
	se volume:	9,999		LCY					
	Sou	rce of estimated volu	ime:	72" x 75'	x 600' strips				
	Source of	of estimated swell fac	ctor:	Cat Hand					_
<u>HOURL</u>	Y PRODU	U CTION							
HOURL	Y PRODU	<u>UCTION</u>			Scraper Bo	owl (volume) Basi	<u>s:</u>		
	Y PRODU	UCTION 3,400 lbs/LCY				owl (volume) Basi Volume: 24.00	<u>s:</u>	LCY	
Materi Material de	al weight:		Wet			Volume: 24.00 Volume: 34.00	<u>s:</u>	LCY LCY LCY	

<u>0.80</u> Minutes

<u>0.60</u> Minutes

Cycle Time:

Scraper Loading Time: Maneuver and Spread Time:

Job Condition Correction:

Site Altitude: 6225 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: Loose sand or gravel 10

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	600.00	0.00	10.00	10.00	922	0.68

Haul Time: **0.68** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	600.00	0.00	10.00	10.00	1476	0.45
				Return Time:	0.45	minutes
			Total Scrape	er team cycle time:	2.53	minutes
			Adjusted	for job conditions:	472.41	LCY/Hour
			Selected Nu	umber of Scrapers:	1	Scraper(s)
	Adjusted	d single scra	per team (unit)	hourly production:	472.41	LCY/Hour
	Adjusted m	ultiple scrap	er team (fleet)	hourly production:	472.41	LCY/Hour
Optima	Unadjusted unit pro al Number of Scrapers pe			LCY/Hour		
	IME AND COST			_		

Fleet size:	1	Team(s)	Total job time:	21.17	Hours
Unit cost:	\$2.860	/LCY	Total job cost:	\$28,601	

Task # 03B

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BULLDOZER WORK

			01	l (2 Phases)	
West Side Placer	Peri	mit Action:	CN-2	Permit/Job#:	M2016081
PROJECT IDENTIFI	CATION				
Task #: 03B	State:	Colorado		Abbreviation:	None
Date: $3/25/2025$	County:	Moffat		Filename:	M081-03b
User: HR1	County.	Monut			11001 050
Agency or organ	nization name: DR	RMS			
HOURLY EQUIPME					
Basic Machine: Cat Horsepower: 310	D8T - 8SU				
	ni-Universal				
Attachment: NA					
	er day				
Data Source: (CR	U)				
Cost Breakdown:					
			Utilization %		
Ownership Cost/Hour:		\$173.32	NA		
Operating Cost/Hour:		\$109.71	100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$38.59	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour:	\$321.62 \$321.62				
Total Fleet Cost/Hour: MATERIAL QUANT	\$321.62 ITIES				
Total Fleet Cost/Hour: <u>MATERIAL QUANT</u> Initial Volume: <u>75,00</u>	\$321.62 ITIES 00				
Total Fleet Cost/Hour: <u>MATERIAL QUANT</u> Initial Volume: <u>75,00</u> Swell factor: <u>1.060</u>	\$321.62 ITIES 00 0				
Total Fleet Cost/Hour: <u>MATERIAL QUANT</u> Initial Volume: <u>75,00</u> Swell factor: <u>1.060</u>	\$321.62 ITIES 00				
Total Fleet Cost/Hour: <u>MATERIAL QUANT</u> Initial Volume: <u>75,00</u> Swell factor: <u>1.060</u>	\$321.62 ITIES 00 00 LCY		ft depth, 500 ft highy	wall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50	\$321.62 ITIES 00 00 00 LCY ne:		ft depth, 500 ft highv	vall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volum	\$321.62 ITIES 00 00 00 LCY ne:0.5:1 to 5		ft depth, 500 ft high	wall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volum	\$321.62 ITIES 00 00 00 LCY ne: 0.5:1 to 5 factor: Cat Hand		ft depth, 500 ft highv	vall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volur Source of estimated swell HOURLY PRODUCT	\$321.62 ITIES 00 00 00 LCY ne: 0.5:1 to 5 factor: Cat Hand CION		ft depth, 500 ft high	wall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance:	\$321.62 ITIES 00 00 00 LCY ne: 0.5:1 to 5 factor: Cat Hand <u>TION</u> 50 feet	book	 ft depth, 500 ft highv	wall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volur Source of estimated swell HOURLY PRODUCT	\$321.62 ITIES 00 00 00 LCY ne: 0.5:1 to 5 factor: Cat Hand CION _50 feet	book	 ft depth, 500 ft highv	vall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance:	\$321.62 ITIES 00 00 00 00 00 00 00 00 00 0	book Y/hr	<u>ft depth, 500 ft highv</u> 	vall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volum Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly produc	\$321.62 ITIES 00 00 00 00 00 00 00 00 00 0	book Y/hr		wall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volum Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency dest Average push gradient:	\$321.62 ITIES 00 00 LCY ne: 0.5:1 to 5 factor: Cat Hand TION 50 feet ction: 1,400.0 LC cription: Partly c 0 %	book Y/hr		wall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volum Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly produc	\$321.62 ITIES 00 00 00 00 00 00 00 00 00 0	book Y/hr		wall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volum Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency dest Average push gradient:	\$321.62 ITIES 00 00 LCY ne: 0.5:1 to 5 factor: Cat Hand TION 50 feet ction: 1,400.0 LC cription: Partly c 0 %	book Y/hr		wall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 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:	\$321.62 ITIES 00 00 00 00 00 00 00 100 CION 50 feet 1,400.0 LCY cription: Partly c 0% 6,225 feet	y/hr consolidated		wall length	
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 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:	\$321.62 ITIES 00 00 LCY ne: 0.5:1 to 5 factor: Cat Hand CION 50 feet 1,400.0 LCY cription: Partly c 0 % 6,225 feet 2,900 lbs/LCY Sand and gravel - 1	y/hr consolidated			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des Average site altitude: Material weight: Weight description: Job Condition Correction	\$321.62 ITIES 00 00 00 00 00 00 00 00 00 00 00 00 100 100 100 100 100 100 100 100 110	y/hr consolidated	stockpile 1.1		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 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: Job Condition Correction	\$321.62 ITIES 00 00 00 00 00 00 00 00 00 00 00 00 100 100 100 100 100 100 100 100 110	book Y/hr consolidated Dry	stockpile 1.1		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 75,00 Swell factor: 1.060 Loose volume: 79,50 Source of estimated volur Source of estimated volur Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency des Average site altitude: Material weight: Weight description: Job Condition Correction	\$321.62 ITIES 00 00 LCY ne: 0.5:1 to 5 factor: Cat Hand CION 50 feet 1,400.0 LCY cription: Partly c 0 % 6,225 feet 2,900 lbs/LCY Sand and gravel - 1 Factor Skill: 0. ency: 1.	book Y/hr consolidated Dry 750	stockpile 1.1 <u>Source</u> (AVG.)		

Job efficiency	y: 0.830	(1 SHIFT/DAY)
Spoil pil	e: 0.700	(FND-MF)
Push gradien	it: 1.000	(CAT HB)
Altitud	e: 1.000	(CAT HB)
Material Weigh	.t: 0.793	(CAT HB)
Blade type	e: 1.000	(PAT)
Net correction	n: 0.3801	
Adjusted unit production:	532.14 LCY/hr	
Adjusted fleet production:	532.14 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$0.604/LCY

Total job time:	149.40 Hours
Total job cost:	\$48,048

BULLDOZER RIPPING WORK

	Task description:	Rip	compacted processing are	ea and haul ro	ads			
Site	: West Side Pla	cer	Permit Action:	CN-2	P	ermit/Job#:	: <u>M20160</u>	81
	PROJECT IDI	ENTIFICATI	ON					
	Task #: 044	A	State: Colorado		Abb	previation:	None	
		5/2025	County: Moffat			Filename:	M081-04	·a
	User: <u>HR</u>	.1						
	Agency	or organization	name: DRMS					
	HOURLY EQ	UIPMENT C	<u>OST</u>					
	Basic 1	Machine: Ca	t D8T - 8SU		Horsepower:		310	
	Ripper Att	achment: 1-S	Shank Ripper		Shift Basis:	-	per day	
					Data Source:	(CRG)	
	Cost Breakdown:							
					Utilization %			
		Ownership C		\$173.32	NA	_		
	D .	Operating C		\$109.71	100	_		
	11	er Ownership C		\$13.69	NA 100	_		
	Кірр	oer Operating C Operator C		\$9.24 \$38.59	100 NA	_		
		Total Unit C		\$344.55	NA	_		
		Total Unit C	ost/Hour:	\$344.33				
		Total Fleet C	ost/Hour: \$344	.55				
	MATERIAL Q	UANTITIES	Selec	cted estimating	method: Are	a		
	Alternate Method	ls.		8				
C .:		<u></u>	Denla Valamaa		DCV		NT A	
Seismic: Area:	NA 6.60	acres		NA 2.00	BCY Volume:	21,296	NA	BCY or CCY
mea.	0.00					21,270		bermeer
			mated quantity: <u>CN2 Ex</u>	Inibit D				
	HOURLY PRO	DUCTION						
	Seismic:							
			Seismic Velocity:	NA	feet/sec	cond		
	Area:							
	<u>nicu.</u>	Avera	ge Ripping Depth:	3.71	feet/pas	88		
			ge Ripping Width:	5.56	feet/pas			
		Averag	e Ripping Length:	200.00	feet/pas	SS		
			rage Dozer Speed:	88.00	feet/mi			
			e Maneuver Time:	0.25	minute	-		
		Produc	tion per unit area:	0.607	acres/h	our		
	Job Condition Co	prrection Factor	<u>S</u>					
	Un	adjusted Hourly	Unit Production:	0.607	Acres/ł	nr		
			Site Altitude:	6,225	feet			
			Altitude Adj:	1.00	(CAT H	HB)		
			Job Efficiency:	0.83	(1 shift	/day)		
			Net Correction:	0.83	multipl	ier		
		Adjusted	Hourly Unit Production:	0.50	Acres/hr			
			Hourly Fleet Production:	0.50	Acres/hr			
	JOB TIME AN	·			_			
	Fleet size:	1	Grader(s)	Total job tim	A '	13.10	Но	1170
		1		i otal job tilli		13.10	H0	u15
	Unit cost:	\$683.717	Per acre	Total job cos	st:\$	54,513		

MOTOR GRADER WORK

Task description:	Regrade 110(2) permit a	rea		
West Side Placer	Permit Actio	on: <u>CN-2</u>	Per	mit/Job#: <u>M2016081</u>
PROJECT IDENT	FICATION			
Task #: 05A	State: Colora	ado	Abbre	eviation: None
Date: $3/25/202$				lename: 05a
User: HR1		•		
Agency or or	ganization name: DRMS			
HOURLY EQUIPM	<u>IENT COST</u>			
Basic Machi	ine: CAT 12M		Horsepower:	158
	ent:		Shift Basis:	1 per day
11			Data Source:	(CRG)
Cost Dreakdown				· · · · ·
Cost Breakdown:			Utilization %	
Ow	nership Cost/Hour:	\$69.16	NA	
	berating Cost/Hour:	\$54.74	100	
	nership Cost/Hour:	\$0.00	NA	
	berating Cost/Hour:	\$0.00		
C	perator Cost/Hour:	\$27.76	NA	
То	tal Unit Cost/Hour:	\$151.66		
Tot	al Fleet Cost/Hour:	\$151.66		
MATERIAL QUAN				
Total Ar	ea to be graded or ripped: 9.9	90		acres
Sou	rce of estimated acreage: 11	0(2) Permit Applica	ation	
	OTION			
HOURLY PRODU		1.70		
	Average Grader Speed:	1.50	mph	L) 1 <i>5</i>
	Selected Application:	<u> </u>	grading (0-2.5 mpl degrees	n) - 1.5
	Effective Blade Length:	10.40	degrees	
Widt	h of blade overlap per pass:	2.00	feet	
	g or ripping width per pass:	8.40	feet	
	ted Hourly Unit Production:	1.5273	acres/hou	ır
Job Condition Correcti	on Factors	S	ite Altitude: <u>6225</u> f	
	Sou	urce		
Altitude Adj:	1	Г НВ)		
Job Efficiency:		l, fav.)		
Net Correction:				
	Adjusted Hourly Unit Producti	ion: 1 2715	acres/Hour	
	Adjusted Hourly Fleet Producti		acres/Hour	
		1.3/43		
JOB TIME AND C	<u>OST</u>			
Fleet size:	1 Grader(s)	Total job time	e: 7.20	Hours
Unit cost:\$	110.33 per acre	Total job cos	t: \$1,09 2	2

MOTOR GRADER WORK

West Side Placer				
west slue I later	Permit Action	: <u>CN-2</u>	Permit/Job	o#: <u>M2016081</u>
PROJECT IDENTIFI	CATION			
Task #: 05B	State: Colorad	0	Abbreviation	: None
Date: $3/25/2025$	County: Moffat	0	Filename	
User: HR1	County:			
Agency or organ	nization name: DRMS			
HOURLY EQUIPME	<u>NT COST</u>			
Basic Machine:			Horsepower:	158
Ripper Attachment:	:			1 per day
			Data Source:	(CRG)
Cost Breakdown:				
			Utilization %	
	rship Cost/Hour:		NA	
	ating Cost/Hour:	\$54.74	100	
	rship Cost/Hour:	\$0.00	NA	
11 1	ating Cost/Hour:	\$0.00	NT A	
-	rator Cost/Hour:	\$27.76	NA	
lotal	Unit Cost/Hour:	\$151.66		
MATERIAL QUANT		151.66		
	to be graded or ripped: 15.0	0		acres
	e of estimated acreage: CN2			
Source				
HOURLY PRODUCT	<u>.'ION</u>			
		1.50	mph	
	Average Grader Speed:			
	Selected Application:	Finish	grading (0-2.5 mph) - 1.5	
	Selected Application:	Finish 30	grading (0-2.5 mph) - 1.5 degrees	
****	Selected Application: Selected Blade Angle: Effective Blade Length:	Finish 30 10.40	grading (0-2.5 mph) - 1.5 degrees feet	
	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass:	Finish 30 10.40 2.00	grading (0-2.5 mph) - 1.5 degrees feet feet	
Net grading o	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass:	Finish 30 10.40 2.00 8.40	grading (0-2.5 mph) - 1.5 degrees feet feet feet	
Net grading o Unadjusted	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass: Hourly Unit Production:	Finish 30 10.40 2.00 8.40 1.5273	grading (0-2.5 mph) - 1.5 degrees feet feet feet feet acres/hour	
Net grading o	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass: Hourly Unit Production: Factors	Finish 30 10.40 2.00 8.40 1.5273 Si	grading (0-2.5 mph) - 1.5 degrees feet feet feet	
Net grading o Unadjusted Job Condition Correction	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass: Hourly Unit Production: <u>Factors</u> Sour	Finish 30 10.40 2.00 8.40 1.5273 Si ce	grading (0-2.5 mph) - 1.5 degrees feet feet feet feet acres/hour	
Net grading o Unadjusted Iob Condition Correction Altitude Adj:	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass: Hourly Unit Production: Factors Sourd 1.00	Finish 30 10.40 2.00 8.40 1.5273 Si ce HB)	grading (0-2.5 mph) - 1.5 degrees feet feet feet feet acres/hour	
Net grading o Unadjusted Job Condition Correction	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass: Hourly Unit Production: <u>Factors</u> Sour	Finish 30 10.40 2.00 8.40 1.5273 Si ce HB) fav.)	grading (0-2.5 mph) - 1.5 degrees feet feet feet feet acres/hour	
Net grading o Unadjusted Iob Condition Correction Altitude Adj: Job Efficiency: Net Correction:	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass: Hourly Unit Production: Factors Source 1.00 (CAT 1) 0.90 (1sh/d, 0.9000 multiplice	Finish 30 10.40 2.00 8.40 1.5273 Si cce HB) fav.) ier	grading (0-2.5 mph) - 1.5 degrees feet feet feet cet acres/hour te Altitude: <u>6225</u> feet	
Net grading o Unadjusted Iob Condition Correction Altitude Adj: Job Efficiency: Net Correction: Ad	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass: Hourly Unit Production: Factors Sourd 1.00 (CAT 1) 0.90 (1sh/d, 0.9000 multiplie djusted Hourly Unit Production	Finish 30 10.40 2.00 8.40 1.5273 Si fav.) ier n: 1.3745	grading (0-2.5 mph) - 1.5 degrees feet feet feet cet acres/hour te Altitude: <u>6225</u> feet	
Net grading o Unadjusted Iob Condition Correction Altitude Adj: Job Efficiency: Net Correction: Ad	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass: Hourly Unit Production: Factors Source 1.00 (CAT 1) 0.90 (1sh/d, 0.9000 multiplice	Finish 30 10.40 2.00 8.40 1.5273 Si fav.) ier n: 1.3745	grading (0-2.5 mph) - 1.5 degrees feet feet feet cet acres/hour te Altitude: <u>6225</u> feet	
Net grading o Unadjusted Iob Condition Correction Altitude Adj: Job Efficiency: Net Correction: Ad	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass: Hourly Unit Production: Factors Sour 1.00 (CAT 1) 0.90 (1sh/d, 0.9000 multipli djusted Hourly Unit Production	Finish 30 10.40 2.00 8.40 1.5273 Si fav.) ier n: 1.3745	grading (0-2.5 mph) - 1.5 degrees feet feet feet cet acres/hour te Altitude: <u>6225</u> feet	
Net grading o Unadjusted Job Condition Correction Altitude Adj: Job Efficiency: Net Correction: Ad Ad	Selected Application: Selected Blade Angle: Effective Blade Length: of blade overlap per pass: or ripping width per pass: Hourly Unit Production: Factors Sour 1.00 (CAT I) 0.90 (1sh/d, 0.9000 multipli djusted Hourly Unit Production ST	Finish 30 10.40 2.00 8.40 1.5273 Si fav.) ier n: 1.3745	grading (0-2.5 mph) - 1.5 degrees feet feet feet acres/hour te Altitude: <u>6225</u> feet acres/Hour acres/Hour	Hours

BULLDOZER WORK

Task description:	<u>ropson replacen</u>		2) mining areas		
West Side Placer	Per	mit Action:	CN-2	Permit/Job#:	M2016081
PROJECT IDENTI	FICATION				
Task #: 06A	State:	Colorado		Abbreviation:	None
Date: $3/25/2025$		Moffat		Filename:	06a
User: HR1			-		
Agency or orga	anization name: DF	RMS			
HOURLY EQUIPM	<u>ENT COST</u>				
	at D8T - 8SU				
Horsepower: 31					
	mi-Universal				
Attachment: NA					
	per day				
Data Source: (C	(RG)				
Cost Breakdown:					
			Utilization %		
Ownership Cost/Hour:		\$173.32	NA		
Operating Cost/Hour:		\$109.71	100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$38.59	NA		
MATERIAL QUAN Initial Volume: <u>15,</u>	972				
Swell factor: 1.0	00				
	972 LCY				
		n over 9.9 act	res		
Loose volume: 15,	ime: Avg 12 ii	<u>n over 9.9 ac</u> book	res		
Loose volume: 15, Source of estimated volu Source of estimated swe	ime: <u>Avg 12 in</u> Il factor: <u>Cat Hand</u>		res		
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC	ime: <u>Avg 12 in</u> Il factor: <u>Cat Hand</u>		res		
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance:	Ime: <u>Avg 12 in</u> Ill factor: <u>Cat Hand</u> TTION <u>200 feet</u>	lbook	res		
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC	Ime: <u>Avg 12 in</u> Ill factor: <u>Cat Hand</u> TTION <u>200 feet</u>	lbook	res		
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance:	Ime: Avg 12 in Ill factor: Cat Hand CTION 200 feet action: 491.9 LCY/	lbook /hr	res stockpile 1.1		
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ	Ime: Avg 12 in Ill factor: Cat Hand CTION 200 feet action: 491.9 LCY/	lbook /hr			
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient:	Ime: Avg 12 in Ill factor: Cat Hand TION 200 feet action: 491.9 LCY/ escription: Partly of 10 % 10 %	lbook /hr			
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude:	Ime: Avg 12 in Ill factor: Cat Hand CTION 200 feet action: 491.9 LCY/ escription: Partly of 10 % 6,225 feet	lbook /hr			
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight:	Ime: Avg 12 in Ill factor: Cat Hand Cat Hand 200 feet action: 491.9 LCY/ escription: Partly of 6,225 feet 1,600 lbs/LCY Top Soil Top Soil	lbook /hr	stockpile 1.1		
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description:	Ime: Avg 12 in Ill factor: Cat Hand TION 200 feet action: 491.9 LCY/ escription: Partly of $6,225$ feet 1,600 lbs/LCY Top Soil n Factor	lbook /hr			
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correctio Operator Material consis	Ime: Avg 12 in Ill factor: Cat Hand TION 200 feet action: 491.9 LCY/ escription: Partly of $6,225$ feet 1,600 lbs/LCY Top Soil n Factor Skill: 0. .tency: 1.	/hr consolidated 750 100	stockpile 1.1		
Loose volume: 15, Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correctio Operator Material consis Dozing m	Ime: Avg 12 in Ill factor: Cat Hand TION 200 feet action: 491.9 LCY/ escription: Partly of 6,225 feet 1,600 lbs/LCY Top Soil n Factor • Skill: 0. .tency: 1. .ethod: 1.	/hr consolidated			

Job efficience	cy: 0.830	(1 SHIFT/DAY)
Spoil pi	le: 0.800	(FND-RF)
Push gradie	nt: 0.786	(CAT HB)
Altitud	le: 1.000	(CAT HB)
Material Weig	ht: 1.438	(CAT HB)
Blade typ	pe: 1.000	(PAT)
Net correction	on: 0.6192	
Adjusted unit production:	304.58 LCY/hr	
Adjusted fleet production:	304.58 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$1.056/LCY

Total job time:	52.44 Hours
Total job cost:	\$16,865

Task # 06B

BULLDOZER WORK

Task description:	Replace topsoil o	n stripped a	and active mining Phase	es (3)	
West Side Placer	Perr	nit Action:	CN-2	Permit/Job#:	M2016081
PROJECT IDENTIF	ICATION				
Task #: 06B	State:	Colorado		Abbreviation:	None
Date: $3/25/2025$		Moffat		Filename:	06b
User: HR1				-	
Agency or orga	anization name: DR	RMS			
HOURLY EQUIPMI	ENT COST				
	ut D8T - 8SU				
Horsepower: 31					
•	mi-Universal				
Attachment: <u>NA</u> Shift Basis: 1 p					
	per day RG)				
	NU)				
Cost Breakdown:					
			Utilization %		
Ownership Cost/Hour:		\$173.32	NA		
Operating Cost/Hour:		\$109.71	100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$38.59	NA		
	¢221.c2				
Total unit Cost/Hour: Total Fleet Cost/Hour:	\$321.62 \$321.62				
MATERIAL QUAN					
Initial Volume: 24,2					
Swell factor: <u>1.00</u>					
Loose volume: 24,2	200 LCY				
Source of estimated volu	ime: Avg 12 in	over 15 acro	es		
Source of estimated swel	ll factor: Cat Hand	book			
HOURLY PRODUC	TION				
Average push distance:	200 feet				
Unadjusted hourly produ	action: <u>491.9 LCY/</u>	hr			
Materials consistency de	scription: <u>Partly c</u>	onsolidated	stockpile 1.1		
	10.0/				
Average push gradient:	<u>10 %</u>				
Average site altitude:	6,225 feet				
Material weight:	1,600 lbs/LCY				
Weight description:	Top Soil				
Job Condition Correction	n Factor		Source		
Operator		750	(AVG.)		
Material consist			(CAT HB)		
	tency:	100	ICAT IIDI		
Dozing me		100 000	· · · · · · · · · · · · · · · · · · ·		
Dozing me Visi	ethod: 1.0	000 000	(GEN.) (AVG.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	0.786	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.6192	
Adjusted unit production: 3	04.58 LCY/hr	
Adjusted fleet production: 3	04.58 LCY/hr	

Fleet size:	1 Dozer(s)
Unit cost:	\$1.056/LCY

Total job time:	79.45 Hours
Total job cost:	\$25,554

REVEGETATION WORK

Task descri	ption:	Seed 110(2) area			
te: West Sid	le Placer	Permit Action:	CN-2	Permit/Job	o#: <u>M2016081</u>
	IDENTIFIC				
Task #:	07A	State: Colorado		Abbreviation:	None
Date:	3/25/2025	County: Moffat		Filename:	M081-07a
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	2.00	6.47	\$34.58
Slender Wheatgrass - Pryor	2.00	7.30	\$12.36
Thickspike Wheatgrass - Critana	2.00	7.07	\$16.30
Needle and Thread	2.00	5.28	\$162.86
Basin Wildrye - Trailhead	2.00	8.13	\$26.03
Bluebunch Wheatgrass - Goldar	2.00	6.43	\$22.92
Rabbitbrush, Douglas	2.00	29.84	\$81.96
Totals Seed Mix	14.00	70.52	\$357.00

Application

Description		Cost /Acre
Drill Seeding (DRMS Survey Cost)		\$236.64
	Total Seed Application Cost/Acre	\$236.64

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Total Mulch Materials Cost/Acre				\$4.13

Application

Description		Cost /Acre
Weed spray, truck, non-aquatic area, nox. [DMG]		\$83.26
	Total Mulch Application Cost/Acre	\$83.26

NURSERY STOCK PLANTING

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

No. of Acres:	9.9	Cost /Acre:	\$681.03
Estimated Failure Rate:	40%	Cost /Acre*:	\$593.64
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	\$6,742.20
Reseeding Job Cost:	\$2,350.81
Total Job Cost:	\$9,093
Job Hours:	9.00

REVEGETATION WORK

iption:	Seed mining phases (2 Phases) and stripped Phase (1 Phase)			
de Placer	Permit Action:	CN-2	Permit/Jol	o#: <u>M2016081</u>
<u> IDENTIFI</u>	CATION			
	State: Colorado		Abbreviation:	None
3/25/2025 HR1	County: <u>Moffat</u>		Filename:	07b
	07B 3/25/2025	de Placer Permit Action: C IDENTIFICATION	de Placer Permit Action: CN-2 C IDENTIFICATION 07B State: Colorado 3/25/2025 County: Moffat	de Placer Permit Action: CN-2 Permit/Job C IDENTIFICATION

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	2.00	6.47	\$34.58
Slender Wheatgrass - Pryor	2.00	7.30	\$12.36
Thickspike Wheatgrass - Critana	2.00	7.07	\$16.30
Needle and Thread	2.00	5.28	\$162.86
Basin Wildrye - Trailhead	2.00	8.13	\$26.03
Bluebunch Wheatgrass - Goldar	2.00	6.43	\$22.92
Rabbitbrush, Douglas	2.00	29.84	\$81.96
Totals Seed Mix	14.00	70.52	\$357.00

Application

Description		Cost /Acre
Drill Seeding (DRMS Survey Cost)		\$236.64
	Total Seed Application Cost/Acre	\$236.64

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Total Mulch Materials Cost/Acre				\$4.13

Application

Description		Cost /Acre
Weed spray, truck, non-aquatic area, nox. [DMG]		\$83.26
	Total Mulch Application Cost/Acre	\$83.26

NURSERY STOCK PLANTING

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

No. of Acres:	15	Cost /Acre:	\$681.03
Estimated Failure Rate:	40%	Cost /Acre*:	\$593.64
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	\$10,215.45
Reseeding Job Cost:	\$3,561.84
Total Job Cost:	\$13,777
Job Hours:	15.00

REVEGETATION WORK

]	Fask descrip	otion:	Maintenance seeding of recla	amation acres 2	25% (CN2)	
Site:	West Side	e Placer	Permit Action:	CN-2	Permit/Jol	o#: <u>M2016081</u>
<u>P</u>]	ROJECT	<u>IDENTIFI(</u>	CATION			
	Task #: Date: User:	07C 3/25/2025 HR1	State: Colorado County: Moffat		Abbreviation: Filename:	None 07c
	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	2.00	6.47	\$34.58
Slender Wheatgrass - Pryor	2.00	7.30	\$12.36
Thickspike Wheatgrass - Critana	2.00	7.07	\$16.30
Needle and Thread	2.00	5.28	\$162.86
Basin Wildrye - Trailhead	2.00	8.13	\$26.03
Bluebunch Wheatgrass - Goldar	2.00	6.43	\$22.92
Rabbitbrush, Douglas	2.00	29.84	\$81.96
Totals Seed Mix	14.00	70.52	\$357.00

Application

Description		Cost /Acre
Drill Seeding (DRMS Survey Cost)		\$236.64
	Total Seed Application Cost/Acre	\$236.64

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Total Mulch Materials Cost/Acre				\$4.13

Application

Description		Cost /Acre
Weed spray, truck, non-aquatic area, nox. [DMG]		\$83.26
	Total Mulch Application Cost/Acre	\$83.26

NURSERY STOCK PLANTING

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

No. of Acres:	1.25	Cost /Acre:	\$681.03
Estimated Failure Rate:	40%	Cost /Acre*:	\$593.64
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	\$851.29
Reseeding Job Cost:	\$296.82
Total Job Cost:	\$1,148
Job Hours:	2.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description	Init	tial Mobilization					
West Side Pla	cer	Permit	Action: <u>CN-2</u>	, ,	1	Permit/Job#	: M2016081
PROJECT IDE	NTIFICATI	<u>ON</u>					
Task #: 08	A	State: Co	olorado		Abbre	eviation:	None
Date: 3/2 User: HF	25/2025 R1	County: Mo	offat		Fi	ilename:	M081-08a
Agency	or organizatior	n name: DRMS					
EQUIPMENT '	FRANSPOR	T RIG COST					
					Shift ba	sis: 11	ber day
				C	Cost Data Sour		G Data
True	k Tractor Desc	rintion: CENE				ות 4V4 פר	ESEL POWERED,
Truc	k Tractor Desc	Inpuoli. GENE			(2ND HALF,		ESEL FOWERED,
True	k Trailer Desc	rintion: G	ENERIC FOLD				FOLIDMENT
1100	k Hallel Desc				25T, 50T, AN		EQUIFMENT
					231, 301, AI	ND 1001)	
Cost Breakdown:							
Available Rig (0-25 Tons	26-50 Tons		Tons		
	o Cost/Hour:	\$10.44	\$22.18	\$2	3.94		
	g Cost/Hour:	\$26.48	\$54.55	\$5	5.65		
Operato	r Cost/Hour:	\$22.52	\$22.52	\$2	2.52		
Helpe	r Cost/Hour:	\$0.00	\$23.53	\$2	3.53		
Total Uni	t Cost/Hour:	\$59.44	\$122.78	\$12	25.64		
NON ROADAE	I F FOLIDA						
ION KOADAL	LE EQUIPA	<u>MENT:</u>					
Machine	Weight/	MENT: Owner ship	Haul Rig	Fleet	Haul Trip	Return Tr	ip DOT Permit
Machine	T		Haul Rig Cost/hr/uni	Fleet Size	Haul Trip Cost/hr/	Return Tr Cost/hr/ f	
	Weight/	Owner ship			1	Return Tr Cost/hr/ f	
Machine	Weight/ Unit	Owner ship	Cost/hr/uni		Cost/hr/	Return Tr Cost/hr/ f \$125.64	
Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Cost/hr/uni t	Size	Cost/hr/ fleet	Cost/hr/ f	leet Cost/ fleet
Machine Description Cat 637G Cat D8T - 8SU Drill/Broadcast Seeder with	Weight/ Unit (TONS) 57.28	Owner ship Cost/hr/ unit \$329.66	Cost/hr/uni t \$125.64	Size	Cost/hr/ fleet \$455.30	Cost/hr/ f	leet Cost/ fleet \$250.00
Machine Description Cat 637G Cat D8T - 8SU Drill/Broadcast	Weight/ Unit (TONS) 57.28 53.08	Owner ship Cost/hr/ unit \$329.66 \$187.85	Cost/hr/uni t \$125.64 \$125.64	Size 1 1	Cost/hr/ fleet \$455.30 \$313.49	Cost/hr/ f \$125.64 \$125.64	Leet Cost/ fleet \$250.00 \$250.00
Machine Description Cat 637G Cat D8T - 8SU Drill/Broadcast Seeder with Tractor	Weight/ Unit (TONS) 57.28 53.08 25.00	Owner ship Cost/hr/ unit \$329.66 \$187.85 \$41.02	Cost/hr/uni t \$125.64 \$125.64 \$59.44 \$59.44	Size 1 1 1	Cost/hr/ fleet \$455.30 \$313.49 \$100.46	Cost/hr/ f \$125.64 \$125.64 \$59.44	Leet Cost/ fleet \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 3/4 T.	\$35.84	1	\$35.84 \$35.84	
		Subtotals:	\$35.84	\$35.84

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	CRAIG	
Total one-way travel distance:	52.00	miles
Average Travel Speed:	55.00	mph
Total Non-Roadable Mob/Demob Cost * '* two round trips with haul rig:	\$6,582.48	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$67.77	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.95	0.95
Return Time (Hours):	0.95	0.95
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.89	1.89

JOB TIME AND COST

Total job time: **5.78** Hours

Total job cost: **\$6,650**

