

September 16, 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 #4

Peter Freedman,

On September 14, 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 material submitted. The following items must be addressed before the Conversion Application can be considered for approval.

1. 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 **October 17**, **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 **October 17**, **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 hunter.ridley@state.co.us or by phone at (720)868-7757.

Sincerely, Hunter C. Ridley



Hunter Ridley
Environmental Protection Specialist II

CC: Zach Trujillo, DRMS

COST SUMMARY WORK

Task descri	ption:	CN2				
Site: West Sid	le Placer	Pe	rmit Action:	CN-2	Permit/Job	p#: <u>M2016081</u>
PROJECT	IDENTIFIC	<u>CATION</u>				
Task #: Date: User:	HCR 3/25/2025 HR1	State: County:	Colorado Moffat		Abbreviation: Filename:	None M081-HCR
Ag	ency or organ	ization name: DI	RMS			

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	\$15,484
02a	Demo Rapid Thickener Pillars	DEMOLISH	1	4.00	\$65
02b	Demo Processing Plant foundations	DEMOLISH	1	159.00	\$10,801
03a	Backfill and OB replacement of 110(2) mining area	SCRAPER1	1	21.17	\$29,548
03b	Ore replacement for active mining phase backfill (2 Phases)	DOZER	1	149.40	\$49,012
04a	Rip compacted processing area and haul roads	RIPPER	1	13.09	\$4,627
05a	Regrade 110(2) permit area	GRADER	1	7.20	\$1,070
05b	Grade active mining phases and topsoil stripping phase (3 Ph	GRADER	1	10.91	\$1,621
06a	Topsoil replacement on 110(2) mining areas	DOZER	1	52.44	\$17,204
06b	Replace topsoil on stripped and active mining Phases (3)	DOZER	1	79.45	\$26,066
07a	Seed 110(2) area	REVEGE	1	9.00	\$10,935
07b	Seed mining phases (2 Phases) and stripped Phase (1 Phase)	REVEGE	1	15.00	\$16,567
07c	Maintenance seeding of reclamation acres 25% (CN2)	REVEGE	1	2.00	\$1,381
08a	Initial Mobilization	MOBILIZE	1	5.78	\$7,080
		592.44	\$191,462		

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$3,868
Performance bond:	1.05	Total =	\$2,010
Job superintendent:	296.22	Total =	\$22,255
Profit:	10.00	Total =	\$19,146

 $TOTAL O \& P = \frac{\$47,279}{\$238,741}$ CONTRACT AMOUNT (direct + O & P) = $\frac{\$238,741}{\$238,741}$

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	\$500	Total =	\$500
Engineering work and/or contract/bid preparation:	4.25	Total =	\$10,146
Reclamation management and/or administration:	5.00		\$11,937

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$69,863

TOTAL BOND AMOUNT (direct + indirect) = \$261,325

BOREHOLE SEALING WORK

Site:	West Side Placer		Permit Action:	CN2	Permit/.	Job#: <u>M2016081</u>
OJEC	CT IDENTIFICATIO	<u> DN</u>				
ask #:	01A	State:	Colorado		Abbreviation:	None
Date:	1/3/2025	County:	Moffat		Filename:	01a
User:	HR1					

UNIT COSTS

Borehole	Sealing/Item Method						
Description		Diameter	Length	Quantity	Unit	Unit Cost	Total Cost
Plug lower portion	Bentonite seal - 8 in.	7.875	1180	1,180.00	LF	\$12.77	\$15,068.60
of well	(labor, equip, materials)						
Plug upper portion	Portland cement grout -	8.625	20	20.00	LF	\$11.60	\$231.90
of well	10 in. (labor, equip,						
	materials)						
Marker	Borehole	8.625	4	4.00	EA	\$46.00	\$184.00
	location/identification						
	marker (EA, material						
	cost only)						

Job Hours: 64.00 Total Cost: \$15,484.00

DEMOLITION WORK

Site: West Side	West Side Placer Permit Action: CN-2 Permit/Jo					
PROJECT IDEN	TIFICATION					
Task #: 02A		State: Colorado		Abbreviat	ion: None	
Date: $3/25/20$		ounty: Moffat		Filena		
User: HR1					·	
A aas	arran anaonization nor	mai DDMC				
Agei	ncy or organization nar	me: DRMS				
UNIT COSTS						
<u>UMII COSIS</u>				Location	adjustment:	95.50 %
Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Location Unit	Unit Cost	2 95.50 % Total Cost
Structure or Item			Quantity 18.00		Unit	

DEMOLITION WORK

Task description	n: Demo	Processing Plant foundation	18			
Site: West Side Pla	acer	Permit Action: <u>CN-2</u>		Pe	ermit/Job#: _	M2016081
PROJECT IDENTII	FICATION					
Task #: 02B Date: 3/25/2025 User: HR1		State: Colorado unty: Moffat		Abbreviat Filena		
Agency	or organization nan	ne: DRMS				
UNIT COSTS				Location	adjustment:	<u>: 95.50 %</u>
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	\$3.77	\$11,310.00
Job Hours:1	59.00	Subtotal (unadjusted): \$11	,310.00	(adjı	otal Cost usted for ocation):	\$10,801.05

SCRAPER TEAM WORK

Task description:	Backfill an	d OB rep	lacemei	nt of 110(2) minir	ig area		
Site: West Side Place	<u>r </u>	Permit	Action:	CN-2	Pen	mit/Job#: M201	6081
PROJECT IDEN	NTIFICATION						
Task #: 03A	9	State: C	olorado		Abbre	viation: None	
Date: 3/25/	2025 Co	unty: N	Ioffat		Fil	ename: 03a	
User: HR1							
Agency o	r organization name:	DRMS	S				
HOURLY EQU	<u>IPMENT</u>			COSTSI	hift basis: 1 per d	<u>ay</u>	
				ent Description			
		Scraper:	Cat 637	7G			
Supi	oort Equipment -Loa			T - 8SU			
	-Dum	p Area:	Cat D8	T - 8SU			
Road M	Iaintenance – Motor	<u> </u>	NA				
	-Water	Truck:	NA				
Cost Breakdown:	Scraper Wo	rk Team		Support Equip	oment	Maintenance	Equipment
Cost Bi cando wii.	Scraper	Doz	er	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine	100		NA	100	100	NA	NA
Ownership cost/hour:	\$336.56		NA	\$179.60	\$179.60	NA	NA
Operating cost/hour:	\$343.56		NA	\$110.45	\$110.45	NA	NA
%Utilization-ripper:	NA		NA	NA	NA	NA	NA
Ripper own. cost/hour	NA		NA	\$0.00	\$0.00	NA	NA
Ripper op. cost/hour	NA		NA	\$0.00	\$0.00	NA	NA
Operator cost/hour:	\$59.78		NA	\$38.02	\$38.02	NA	NA
Unit Subtotals:	\$739.90		NA	\$328.07	\$328.07	NA	NA
Number of Units:	1		0	1	1	0	0
Group Subtotals:	Work:	\$739.	90	Support:	\$656.14	Maint:	\$0.00
Total work team co	-						
MATERIAL QU							
Initial volume			CCY	Swell fact	tor: 1.000		
Loose volume			LCY				
	ource of estimated vo e of estimated swell:			' x 600' strips			
Source	e of estimated swell	iactor:	Cat Han	dbook			
HOURLY PRO I	<u>DUCTION</u>						
				Scraper Bo	owl (volume) Bas	<u>is:</u>	
Material weight	: 3,400 lbs/LCY			Struck '	Volume: 24.00	L	CY
Material description		- Wet		Heaped T			CY
Rated Payload				Average			CY
Payload Capacity	: 24.00 LCY			Adjusted C	Capacity: 24.00	I.	CY

Site Altitude: 6225 feet

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1 370	10	Tim	$_{-}$
\sim \sim \sim	10	1 11111	v.

Job Condition Correction:

	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

0.45 minutes Return Time: Total Scraper team cycle time: 2.53 minutes Adjusted for job conditions: 472.41 LCY/Hour Selected Number of Scrapers: 1 Scraper(s) Adjusted single scraper team (unit) hourly production: 472.41 LCY/Hour Adjusted multiple scraper team (fleet) hourly production: LCY/Hour 472.41

Unadjusted unit production/hour: 569.17 LCY/Hour Optimal Number of Scrapers per push dozer:

JOB TIME AND COST

Fleet size:	1	Team(s)	Total job time:	21.17	Hours
Unit cost:	\$2.955	/LCY	Total job cost:	\$29,548	

BULLDOZER WORK

: West Side Placer					
	P	ermit Action:	CN-2	Permit/Job#:	M2016081
PROJECT IDENTI	IFICATION				
Task #: 03B	State	: Colorado		Abbreviation:	None
Date: 3/25/202				Filename:	03b
User: HR1	S County	. Williat		riichame.	030
	ganization name: I	DMC			
Agency or or	ganization name. <u>1</u>	<u>ORMS</u>			
HOURLY EQUIPM	MENT COST				
Basic Machine: 0	Cat D8T - 8SU				
	310				
	Semi-Universal				
- I	NΑ		<u> </u>		
Shift Basis: 1	per day				
	CRG)		_		
Cost Breakdown:	,		_		
COST DICARGOWII.			Utilization %		
Ownership Cost/Hou	r:	\$179.60	NA		
Operating Cost/Hou		\$110.45	100		
Ripper own. Cost/Hour		\$0.00	NA		
Ripper op. Cost/Hou		\$0.00	0		
Operator Cost/Hou		\$38.02	NA		
operator costilion	•	Ψ20.02	1471		
Total unit Cost/Hour:	\$328.07				
Total Fleet Cost/Hour:	\$328.07				
MATERIAL OHAR	ATITIES				
MATERIAL QUAN	NIIIIES				
Initial Volume: 75	5,000				
Swell factor: 1.	060				
	060 0,500 LCY				
Loose volume: 79),500 LCY		0.1 4 500 0.1:1 1	1 4	
Loose volume: 79	0,500 LCY lume: 0.5:1 to		ft depth, 500 ft highwall	length	
Loose volume: 79	0,500 LCY lume: 0.5:1 to	5:1 slopes, 30	ft depth, 500 ft highwall	length	
Loose volume: 79 Source of estimated vo Source of estimated sw	O,500 LCY clume: 0.5:1 to Cat Harmonic Cat		ft depth, 500 ft highwall	length	
Loose volume: 79	O,500 LCY clume: 0.5:1 to Cat Harmonic Cat		ft depth, 500 ft highwall	length	
Loose volume: 79 Source of estimated vo Source of estimated sw HOURLY PRODUC	0,500 LCY olume:		ft depth, 500 ft highwall	length	
Loose volume: 79 Source of estimated vo Source of estimated sw HOURLY PRODUCT Average push distance	0.5:1 to	ndbook	ft depth, 500 ft highwall	length	
Loose volume: 79 Source of estimated vo Source of estimated sw HOURLY PRODUC Average push distance Unadjusted hourly production	0.5:1 to	CY/hr		length	
Loose volume: 79 Source of estimated vo Source of estimated sw HOURLY PRODUCT Average push distance	0.5:1 to	ndbook		length	
Loose volume: 79 Source of estimated vo Source of estimated sw HOURLY PRODUC Average push distance Unadjusted hourly prod Materials consistency of	0.5:1 to	CY/hr		length	
Loose volume: 79 Source of estimated vo Source of estimated sw HOURLY PRODUCE Average push distance Unadjusted hourly proc Materials consistency of Average push gradient	D,500 LCY O.5:1 to Cat Hair	CY/hr		length	
Loose volume: 79 Source of estimated vo Source of estimated sw HOURLY PRODUC Average push distance Unadjusted hourly prod Materials consistency of	0.5:1 to	CY/hr		length	
Loose volume: 79 Source of estimated vo Source of estimated sw HOURLY PRODUCE Average push distance Unadjusted hourly proc Materials consistency of Average push gradient	D,500 LCY O.5:1 to Cat Hair	CY/hr		length	
Loose volume: 79 Source of estimated vo Source of estimated sw HOURLY PRODUC Average push distance Unadjusted hourly proc Materials consistency of Average push gradient Average site altitude:	0.5:1 to	CY/hr y consolidated		length	
Source of estimated vo Source of estimated sw. HOURLY PRODUCE Average push distance Unadjusted hourly product of the standard of the standar	D,500 LCY	CY/hr y consolidated	stockpile 1.1	length	
Source of estimated vo Source of estimated sw. HOURLY PRODUCE Average push distance Unadjusted hourly producted to the standard	D,500 LCY	CY/hr y consolidated - Dry	stockpile 1.1	length	
Source of estimated vo Source of estimated sw. HOURLY PRODUCE Average push distance Unadjusted hourly production Materials consistency of Average push gradient Average site altitude: Material weight: Weight description: Job Condition Correction Operate	0.5:1 to 0.5:1 to Cat Hair	CY/hr y consolidated - Dry 0.750	stockpile 1.1 Source (AVG.)	length	
Source of estimated vo Source of estimated sw. HOURLY PRODUCE Average push distance Unadjusted hourly producted hourly producted to the state of t	0.5:1 to Cat Har	CY/hr y consolidated - Dry	stockpile 1.1	length	

0.830	(1 SHIFT/DAY)
0.700	(FND-MF)
1.000	(CAT HB)
1.000	(CAT HB)
0.793	(CAT HB)
1.000	(PAT)
	0.700 1.000 1.000 0.793

Net correction: 0.3801

Adjusted unit production: 532.14 LCY/hr
Adjusted fleet production: 532.14 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.617/LCY

Total job time: 149.40 Hours
Total job cost: \$49,012

BULLDOZER RIPPING WORK

	Task description:	Rip	compacted processing an	rea and haul ro	oads			
Site	: West Side Pla	cer	Permit Action:	CN-2	F	ermit/Job#	: <u>M201608</u>	31
	PROJECT IDI	ENTIFICATI	ON					
	Task #: 04A Date: 3/2 User: HR	5/2025	State: Colorado County: Moffat			previation: Filename:	None 04a	
			n name: DRMS					
	HOURLY EQ	•	-					
			t D8T - 8SU		Horsepower:		310	
		achment: 1-5		_	Shift Basis:	1	per day	_
					Data Source:	((CRG)	_
	Cost Breakdown:	<u>.</u>			Utilization %			
		Ownership C	ost/Hour:	\$179.60	NA			
	D.	Operating C		\$110.45	100	-		
		er Ownership C per Operating C		\$14.77 \$10.44	NA 100	_		
	Tupi	Operator C	ost/Hour:	\$38.02	NA	<u> </u>		
		Total Unit C	ost/Hour:	\$353.28				
		Total Fleet C	ost/Hour: \$353	3.28				
	MATERIAL C	<u>UANTITIES</u>	Sele	ected estimating	g method: Are	a		
	Alternate Method	<u>ls:</u>						
Seismic:	NA		Bank Volume:	NA	BCY		NA	
Area:	6.60	acres	Rip Depth (ft):	2.00	Volume:	21,296		BCY or CCY
		Source of esti	mated quantity: <u>CN2 E</u>	xhibit D				
	HOURLY PRO	<u>ODUCTION</u>						
	Seismic:							
			Seismic Velocity:	NA	feet/sec	cond		
	Area:	A	Dinnin - Dandh	2.71	£4/			
			ge Ripping Depth: ge Ripping Width:	3.71 5.56	feet/pa			
		Averag	e Ripping Length:	200.00	feet/pa	SS		
			rage Dozer Speed:e Maneuver Time:	88.00 0.25	feet/mi minute			
			etion per unit area:	0.607	acres/h	-		
	Job Condition Co	orrection Factor	<u>s</u>					
	Un	adjusted Hourly	y Unit Production:	0.607	Acres/l	nr		
			Site Altitude:	6,225	feet			
			Altitude Adj:	1.00	(CAT I			
			Job Efficiency: Net Correction:	0.83	(1 shift multipl	• /		
			Hourly Unit Production:	0.50	Acres/hr			
	IOD THE A	·	Hourly Fleet Production:	0.50	Acres/hr			
	JOB TIME AN	ND COST				10.10		
	Fleet size:	1	_ Grader(s)	Total job tim	ne:	13.10	Hou	ırs
	Unit cost:	\$701.040	Per acre	Total job co	st: 9	84,627		

MOTOR GRADER WORK

: West Side	otion:		2) permit area			
	e Placer		Permit Action:	CN-2	Per	rmit/Job#: <u>M2016081</u>
PROJECT	IDENTI	FICATION				
Task #:	05A	Stat	te: Colorado		Abbre	eviation: None
Date:	3/25/2025	Count			 Fi	lename: 05a
User:	HR1		·			
_		• ,•	DDMG			
Age	ency or orga	anization name: _	DRMS			
HOURLY	EQUIPM	ENT COST				
R	asic Machin	ne: CAT 12M			Horsepower:	158
	r Attachmei			_	Shift Basis:	1 per day
Tappo					Data Source:	(CRG)
					_	()
Cost Breakdo	own:			1	TT.'1' .' 0/	
	0	analain Ca-t/II-		¢47.05	Utilization %	
		ership Cost/Hour: erating Cost/Hour:		\$47.95 \$40.62	NA 100	
ī		erating Cost/Hour:		\$40.62	NA	
		erating Cost/Hour:		\$0.00	INA	
		perator Cost/Hour:		\$60.00	NA	
		al Unit Cost/Hour:	-	\$148.57	1117	
	1016	an Omit Cost/Hour.		Ψ170.3/		
	Tota	l Fleet Cost/Hour:	\$148	8.57		
		a to be graded or ri				acres
	Sour	ce of estimated acr	reage: 110(2)	Permit Applica	ation	
HOURLY	PRODUC	TION				
		Average Grader	r Speed:			
		_		1.50	mph	
		Selected App	lication:	Finish	grading (0-2.5 mp	h) - 1.5
		Selected App Selected Blade	lication:e Angle:	Finish 30	grading (0-2.5 mp degrees	h) - 1.5
	*****	Selected App Selected Blade Effective Blade	lication:e Angle:	Finish 30 10.40	grading (0-2.5 mp degrees feet	h) - 1.5
		Selected App Selected Blade Effective Blade of blade overlap p	lication: e Angle: Length: per pass:	Finish 30 10.40 2.00	grading (0-2.5 mp degrees feet feet	h) - 1.5
]	Net grading	Selected App Selected Blade Effective Blade of blade overlap p g or ripping width p	lication: e Angle: Length: per pass:	Finish 30 10.40 2.00 8.40	grading (0-2.5 mp degrees feet feet feet	
]	Net grading	Selected App Selected Blade Effective Blade of blade overlap p	lication: e Angle: Length: per pass:	Finish 30 10.40 2.00	grading (0-2.5 mp degrees feet feet	
Job Conditio	Net grading Unadjuste	Selected App Selected Blade Effective Blade a of blade overlap p g or ripping width p ed Hourly Unit Pro	lication: e Angle: Length: per pass: duction:	Finish 30 10.40 2.00 8.40 1.5273	grading (0-2.5 mp degrees feet feet feet	ır
Job Conditio	Net grading Unadjuste on Correctio	Selected App Selected Blade Effective Blade of blade overlap p g or ripping width p ed Hourly Unit Pro-	lication: e Angle: Length: per pass: duction: Source	Finish 30 10.40 2.00 8.40 1.5273	grading (0-2.5 mp degrees feet feet feet acres/hou	ır
Job Conditio	Net grading Unadjuste on Correctio titude Adj:	Selected App. Selected Blade Effective Blade a of blade overlap p g or ripping width p ed Hourly Unit Pro- on Factors 1.00	lication: e Angle: Length: per pass: duction: Source (CAT HE	Finish 30 10.40 2.00 8.40 1.5273 Signature	grading (0-2.5 mp degrees feet feet feet acres/hou	ır
Job Conditio Alt Job E	Net grading Unadjuste on Correctio titude Adj: Efficiency:	Selected App. Selected Blade Effective Blade a of blade overlap p g or ripping width p ed Hourly Unit Pro- on Factors 1.00 0.90	lication: e Angle: Length: per pass: duction: Source (CAT HE (1sh/d, fav	Finish 30 10.40 2.00 8.40 1.5273 Signature B)	grading (0-2.5 mp degrees feet feet feet acres/hou	ır
Job Conditio Alt Job E	Net grading Unadjuste on Correctio titude Adj:	Selected App. Selected Blade Effective Blade a of blade overlap p g or ripping width p ed Hourly Unit Pro- on Factors 1.00	lication: e Angle: Length: per pass: duction: Source (CAT HE	Finish 30 10.40 2.00 8.40 1.5273 Signature B)	grading (0-2.5 mp degrees feet feet feet acres/hou	ır
Job Conditio Alt Job E	Net grading Unadjuste on Correctio iitude Adj: Efficiency: Correction:	Selected App. Selected Blade Effective Blade a of blade overlap p g or ripping width p ed Hourly Unit Pro- on Factors 1.00 0.90	lication: e Angle: Length: ber pass: duction: Source (CAT HE (1sh/d, far multiplier	Finish 30 10.40 2.00 8.40 1.5273 Signature B)	grading (0-2.5 mp degrees feet feet feet acres/hou	ır
Job Conditio Alt Job E	Net grading Unadjuste on Correctio titude Adj: Efficiency: Correction:	Selected App. Selected Blade Effective Blade a of blade overlap p g or ripping width p ed Hourly Unit Pro- on Factors 1.00 0.90 0.9000	lication: e Angle: Length: per pass: duction: Source (CAT HE (1sh/d, far multiplier Unit Production:	Finish 30 10.40 2.00 8.40 1.5273 Si 8B) v.) 1.3745	grading (0-2.5 mp degrees feet feet feet acres/hou ite Altitude: 6225 f	ır
Job Conditio Alt Job E	Net grading Unadjuste on Correctio titude Adj: Efficiency: Correction:	Selected App. Selected Blade Effective Blade a of blade overlap p g or ripping width p ed Hourly Unit Pro- on Factors 1.00 0.90 0.9000 Adjusted Hourly U	lication: e Angle: Length: per pass: duction: Source (CAT HE (1sh/d, far multiplier Unit Production:	Finish 30 10.40 2.00 8.40 1.5273 Si 8B) v.) 1.3745	grading (0-2.5 mp degrees feet feet feet acres/hou acres/Hour	ır
Job Conditio Alt Job E	Net grading Unadjuste on Correctio titude Adj: Efficiency: Correction:	Selected App. Selected Blade Effective Blade of blade overlap p g or ripping width p ed Hourly Unit Pro- on Factors 1.00 0.90 0.9000 Adjusted Hourly U Adjusted Hourly Fl	lication: e Angle: Length: per pass: duction: Source (CAT HE (1sh/d, far multiplier Unit Production:	Finish 30 10.40 2.00 8.40 1.5273 Si 8B) v.) 1.3745	grading (0-2.5 mp degrees feet feet feet acres/hou acres/Hour	ır
Job Conditio Alt Job E Net C	Net grading Unadjuste on Correctio titude Adj: Efficiency: Correction:	Selected App. Selected Blade Effective Blade of blade overlap p g or ripping width p ed Hourly Unit Pro- on Factors 1.00 0.90 0.9000 Adjusted Hourly U Adjusted Hourly Fl	lication: e Angle: Length: per pass: duction: Source (CAT HI (1sh/d, far multiplier Unit Production: leet Production:	Finish 30 10.40 2.00 8.40 1.5273 Si 8B) v.) 1.3745	grading (0-2.5 mp degrees feet feet feet acres/hou ite Altitude: 6225 f	ır

MOTOR GRADER WORK

	Permit Action	n: <u>CN-2</u>	Perr	nit/Job#: <u>M2016081</u>
PROJECT IDENTI	FICATION			
Task #: 05B	State: Colorad	lo	Abbrev	viation: None
Date: $\frac{3/25/202}{}$				ename: 05b
User: HR1				
Agency or org	ganization name: DRMS			
HOURLY EQUIPM	MENT COST			
Basic Machi	ine: CAT 12M		Horsepower:	158
Ripper Attachme	ent:		Shift Basis:	1 per day
			Data Source:	(CRG)
Cost Breakdown:				
_	11. 0/11	¢ . = 0 =	Utilization %	
	nership Cost/Hour:	\$47.95	NA 100	
	perating Cost/Hour: nership Cost/Hour:	\$40.62 \$0.00	100 NA	
	nersnip Cost/Hour: perating Cost/Hour:	\$0.00	INA	
	perator Cost/Hour:	\$60.00	NA	
	tal Unit Cost/Hour:	\$148.57	1114	
Tot	al Fleet Cost/Hour: \$	148.57		
MATERIAL QUAN	TITIFS			
		.0		
Total Are	ea to be graded or ripped: 15.0	00		acres
Sou	arce of estimated acreage:CN2	2 Exhibit D		
HOUDIN BROKE	CTION			
HOURLY PRODUC				
	Average Grader Speed:	1.50	mph	
	Selected Application:			
	0.1 (1.01.1) 1		grading (0-2.5 mph) - 1.5
	Selected Blade Angle:	30	grading (0-2.5 mph degrees) - 1.5
W.:W	Effective Blade Length:	30 10.40	grading (0-2.5 mph degrees feet) - 1.5
	Effective Blade Length: h of blade overlap per pass:	30 10.40 2.00	grading (0-2.5 mph degrees feet feet) - 1.5
Net gradin	Effective Blade Length: th of blade overlap per pass: g or ripping width per pass:	30 10.40 2.00 8.40	grading (0-2.5 mph degrees feet feet feet	
Net gradin Unadjust	Effective Blade Length: ch of blade overlap per pass: g or ripping width per pass: ted Hourly Unit Production:	30 10.40 2.00 8.40 1.5273	grading (0-2.5 mph degrees feet feet feet acres/hour	
Net gradin Unadjust	Effective Blade Length: th of blade overlap per pass: g or ripping width per pass: ted Hourly Unit Production: on Factors	30 10.40 2.00 8.40 1.5273	grading (0-2.5 mph degrees feet feet feet	
Net gradin Unadjust Job Condition Correcti	Effective Blade Length: th of blade overlap per pass: g or ripping width per pass: ted Hourly Unit Production: on Factors Sour	30 10.40 2.00 8.40 1.5273	grading (0-2.5 mph degrees feet feet feet acres/hour	
Net gradin Unadjust	Effective Blade Length: th of blade overlap per pass: g or ripping width per pass: ted Hourly Unit Production: on Factors	30 10.40 2.00 8.40 1.5273 Sin	grading (0-2.5 mph degrees feet feet feet acres/hour	
Net gradin Unadjust Job Condition Correcti Altitude Adj:	Effective Blade Length: th of blade overlap per pass: g or ripping width per pass: ted Hourly Unit Production: on Factors Sour 1.00 (CAT	30 10.40 2.00 8.40 1.5273 Since HB) fav.)	grading (0-2.5 mph degrees feet feet feet acres/hour	
Net gradin Unadjust Job Condition Correcti Altitude Adj: Job Efficiency:	Effective Blade Length: th of blade overlap per pass: g or ripping width per pass: ted Hourly Unit Production: on Factors Sour 1.00 (CAT 0.90 (1sh/d, 0.9000 multipl	30 10.40 2.00 8.40 1.5273 Since (HB) fav.)	grading (0-2.5 mph degrees feet feet acres/hour te Altitude: 6225 fe	
Net gradin Unadjust Job Condition Correction Altitude Adj: Job Efficiency: Net Correction:	Effective Blade Length: th of blade overlap per pass: g or ripping width per pass: ted Hourly Unit Production: on Factors Sour 1.00 (CAT 0.90 (1sh/d, 0.9000 multipl Adjusted Hourly Unit Productio	30 10.40 2.00 8.40 1.5273 Since HB) fav.) ier n: 1.3745	grading (0-2.5 mph degrees feet feet feet acres/hour te Altitude: 6225 fe	
Net gradin Unadjust Job Condition Correction Altitude Adj: Job Efficiency: Net Correction:	Effective Blade Length: th of blade overlap per pass: g or ripping width per pass: ted Hourly Unit Production: on Factors Sour 1.00 (CAT 0.90 (1sh/d, 0.9000 multipl	30 10.40 2.00 8.40 1.5273 Since HB) fav.) ier n: 1.3745	grading (0-2.5 mph degrees feet feet acres/hour te Altitude: 6225 fe	
Net gradin Unadjust <u>Job Condition Correction</u> Altitude Adj: Job Efficiency: Net Correction:	Effective Blade Length: th of blade overlap per pass: g or ripping width per pass: ted Hourly Unit Production: on Factors Sour 1.00 (CAT 0.90 (1sh/d, 0.9000 multipl Adjusted Hourly Unit Productio Adjusted Hourly Fleet Productio	30 10.40 2.00 8.40 1.5273 Since HB) fav.) ier n: 1.3745	grading (0-2.5 mph degrees feet feet feet acres/hour te Altitude: 6225 fe	
Net gradin Unadjust Job Condition Correction Altitude Adj: Job Efficiency: Net Correction:	Effective Blade Length: th of blade overlap per pass: g or ripping width per pass: ted Hourly Unit Production: on Factors Sour 1.00 (CAT 0.90 (1sh/d, 0.9000 multipl Adjusted Hourly Unit Productio Adjusted Hourly Fleet Productio	30 10.40 2.00 8.40 1.5273 Since HB) fav.) ier n: 1.3745	grading (0-2.5 mph degrees feet feet feet acres/hour acres/Hour acres/Hour	

BULLDOZER WORK

Task description:	Topsoil replacen	nent on 110((2) mining areas		
: West Side Placer	Per	mit Action:	CN-2	_ Permit/Job#:	M2016081
PROJECT IDENTI	FICATION				
Task #: 06A	State:	Colorado		Abbreviation:	None
Date: $\frac{3/25}{2025}$		Moffat		Filename:	06a
User: HR1		TVIOTIU		i memanie.	000
Agency or org	anization name:DF	RMS			
HOURLY EQUIPM	ENT COST				
Basic Machine: C	at D8T - 8SU				
	10				
	emi-Universal				
Attachment: N	A				
Shift Basis: 1	per day				
Data Source: (C	CRG)				
Cost Breakdown:					
		4. - .	<u>Utilization %</u>		
Ownership Cost/Hour:		\$179.60	NA 100		
Operating Cost/Hour:		\$110.45	100		
Ripper own. Cost/Hour:		\$0.00 \$0.00	NA 0		
Ripper op. Cost/Hour:			-		
Operator Cost/Hour:	·	\$38.02	NA		
Total unit Cost/Hour:	\$328.07				
Total Fleet Cost/Hour:	\$328.07				
MATERIAL QUAN	TITIES				
	<u> </u>				
	972				
Swell factor: 1.0					
Loose volume: 15,	. 972 LCY	_			
Source of estimated vol Source of estimated swe		over 9.9 ac book	res		
HOURLY PRODUC	CTION				
Average push distance:	200 feet				
Unadjusted hourly prod	uction: 491.9 LCY	'hr			
Materials consistency de	escription: Partly	consolidated	stockpile 1.1		
Average push gradient: Average site altitude:	10 % 6,225 feet				
Average site aintude.	0,223 1661				
Material weight:	1,600 lbs/LCY				
Weight description:	Top Soil				
Job Condition Correction			Source		
Operato	r Skill:0	750	(AVG.)		
Material consis		100	(CAT HB)		
Dozing m		000	(GEN.)		
Vis	ibility: 1.	000	(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: 304.58 LCY/hr
Adjusted fleet production: 304.58 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.077/LCY

Total job time: 52.44 Hours
Total job cost: \$17,204

BULLDOZER WORK

Task description:	Replace topsoil of	n stripped	and active mining Phase	s (3)	
: West Side Placer	Per	nit Action:	CN-2	Permit/Job#:	M2016081
PROJECT IDENTIF	<u>ICATION</u>				
Task #: 06B	State:	Colorado		Abbreviation:	None
Date: $\frac{00B}{3/25/2025}$	County:	Moffat		Filename:	06b
User: HR1	County.	Williat		i nename.	000
Agency or orga	nization name: DF	2MS			
		LIVIS			
HOURLY EQUIPME	ENT COST				
Basic Machine: Car	t D8T - 8SU				
Horsepower: 310)		<u></u>		
Blade Type: Ser	mi-Universal				
Attachment: NA					
	er day				
Data Source: (Cl	RG)		<u></u>		
Cost Breakdown:					
			<u>Utilization %</u>		
Ownership Cost/Hour:		\$179.60	NA		
Operating Cost/Hour:		\$110.45	100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$38.02	NA		
The state of the s	#220.0 5				
Total unit Cost/Hour:	\$328.07				
Total Fleet Cost/Hour:	\$328.07				
MATERIAL QUANT	TITIFS				
Initial Volume: 24,2					
Swell factor: 1.00					
Loose volume: 24,2	00 LCY				
Source of estimated volu Source of estimated swel	l factor: Cat Hand	over 15 acı book	res		
HOURLY PRODUC					
Average push distance: Unadjusted hourly produ	200 feet 491.9 LCY	hr			
Materials consistency de	scription: Partly	consolidated	stockpile 1.1		
Average push gradient: Average site altitude:	10 % 6,225 feet				
Material weight:	1,600 lbs/LCY				
Weight description:	Top Soil				
Job Condition Correction	Factor_		<u>Source</u>		
Operator		750	(AVG.)		
Material consist		100	(CAT HB)		
Dozing me		000	(GEN.)		
		000	(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: 304.58 LCY/hr
Adjusted fleet production: 304.58 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.077/LCY

Total job time: 79.45 Hours
Total job cost: \$26,066

REVEGETATION WORK

T	ask description:	Seed 110(2) area				
e: West Side Placer		Permit Action: <u>CN-2</u> Permit/Job#:			: <u>M2016081</u>	
PR	ROJECT IDENTIFICA	ATION .				
	Task #: 07A	State: Colorado Abbreviation:			Abbreviation:	None
	Date: $\frac{3/25/2025}{}$	County: Mo				07a
	User: HR1					
	Agency or organiza	ation name: DRMS				
E	ERTILIZING					
12	aterials		TT *4 /			
	Description		Units / Acre	Unit	Cost / Unit	Cost /Acre
					\$	\$
					Total Fertilizer Materials Cost/Acre	\$0.00
	Description					Cost /Acre
						\$
			Total	Fertilizer A	pplication Cost/Acre	\$0.00
ï	<u>LLING</u>					
	Description					Cost /Acre
L						\$
				To	otal Tilling Cost/Acre	\$ \$0.00
E	<u>CEDING</u>			To	otal Tilling Cost/Acre	
SE	CEDING Seed Mix				Rate – PLS Seeds per SQ.	
E	Seed Mix				Rate – PLS Seeds LBS / per SQ. FT	\$0.00 Cost /Acre
E	Seed Mix Indian Ricegrass - Native				Rate – PLS Seeds per SQ. FT 2.00 6.47	\$0.00 Cost /Acre
	Seed Mix	or			Rate – PLS Seeds LBS / per SQ. FT	\$0.00 Cost /Acre

Basin Wildrye - Trailhead

Rabbitbrush, Douglas

Bluebunch Wheatgrass - Goldar

\$26.65

\$23.47

\$83.92

\$365.54

2.00

2.00

2.00

14.00

Totals Seed Mix

8.13

6.43

29.84

70.52

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$242.30
Total Seed Application Cost/Acre	\$242.30

MULCHING and MISCELLANEOUS

Materials

Description Herbicide - 2,4D @ 1.0 pt/ac	Units / Acre 1.00	Unit ACRE	Cost / Unit \$4.44	Cost /Acre \$4.44
Total Mulch Materials Cost/Acre	1.00	ACKE	94.44	\$4.44

Application

Description		Cost /Acre
Weed spray, truck, non-aquatic area, nox. [DMG]		\$249.08
	Total Mulch Application Cost/Acre	\$249.08

NURSERY STOCK PLANTING

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

JOB TIME AND COST

 No. of Acres:
 9.9
 Cost /Acre:
 \$861.36

 Estimated Failure Rate:
 40%
 Cost /Acre*:
 \$607.84

*Selected Replanting Work Items: SEEDING

Initial Job Cost: \$8,527.46

Reseeding Job Cost: \$2,407.05

Total Job Cost: \$10,935

Job Hours: 9.00

REVEGETATION WORK

Task description: Seed mining phases (2 Phases) and stripped					Phase (1 Phase)			
: West Si	ide Placer	Permit Action: _CN-2				Permit/Job#: <u>M201</u>		
PROJECT	Γ IDENTIFIC	CATION						
Task #:	: 07B	State: Colo	orado		Abh	oreviation:	None	
Date:						07b		
User:					<u></u> -		0,10	
A	gency or organi	ization name: DRMS						
FERTILIZ	ZING							
Materials								
Descrip	tion		Units / Acre	Unit	Cost	:/Unit	Cost /Acre	
			rere		\$		\$	
						al Fertilizer	Ψ	
						Materials Cost/Acre	\$0.00	
Application	n							
							Cost /Acre	
Descrip	tion						Cost/Acre	
							\$	
			Total	Fertilizer	Application	1 Cost/Acre	\$0.00	
FILLING								
Descrip	tion						Cost /Acre	
							\$	
				Т	Total Tilling	g Cost/Acre	\$0.00	
SEEDING	<u> </u>							
					Rate –			
Seed M	ix				PLS	Seeds	Cost /Acre	
					LBS /	per SQ. FT		
					Acre			
	Ricegrass - Nativ				2.00	6.47	\$35.41	
Slender	Wheatgrass - P	ryor			2.00	7.30	\$12.66	
Thicksp	ike Wheatgrass	- Critana			2.00	7.07	\$16.69	

Needle and Thread

Rabbitbrush, Douglas

Basin Wildrye - Trailhead

Bluebunch Wheatgrass - Goldar

\$166.75

\$26.65

\$23.47

\$83.92

\$365.54

2.00

2.00

2.00

2.00

14.00

Totals Seed Mix

5.28

8.13

6.43

29.84

70.52

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$242.30
Total Seed Application Cost/Acre	\$242.30

MULCHING and MISCELLANEOUS

Materials

Description Herbicide - 2,4D @ 1.0 pt/ac	Units / Acre 1.00	Unit ACRE	Cost / Unit \$4.44	Cost /Acre \$4.44
Total Mulch Materials Cost/Acre	1.00	ACKE	94.44	\$4.44

Application

Description		Cost /Acre
Weed spray, truck, non-aquatic area, nox. [DMG]		\$249.08
T	otal Mulch Application Cost/Acre	\$249.08

NURSERY STOCK PLANTING

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

JOB TIME AND COST

 No. of Acres:
 15
 Cost /Acre:
 \$861.36

 Estimated Failure Rate:
 40%
 Cost /Acre*:
 \$607.84

*Selected Replanting Work Items: SEEDING

Initial Job Cost: \$12,920.40

Reseeding Job Cost: \$3,647.04

Total Job Cost: Job Hours: \$16,567

15.00

REVEGETATION WORK

Task o	description:	Maintenance seeding	of reclamatio	on acres 25%	(CN2)		
We	est Side Placer	Permit Action: <u>CN-2</u>				Permit/Job#	M2016081
PROJ	ECT IDENTIFIC	<u>CATION</u>					
Та	sk #: 07C	State: Cole	orado		Δh	breviation:	None
)7c	
	User: HR1						<i>5</i> , C
	Agency or organ	ization name: DRMS					
ERT	ILIZING						
<u> </u>	ials						
Des	scription		Units / Acre	Unit	Cos	t / Unit	Cost /Acre
					\$		\$
					Tot	tal Fertilizer Materials Cost/Acre	\$0.00
							\$
							\$
			Total	Fertilizer A	pplicatio	n Cost/Acre	\$0.00
TILLI	<u>ING</u>						
Des	scription						Cost /Acre
							\$
				To	otal Tillin	g Cost/Acre	\$0.00
SEED:	<u>ING</u>						
					Rate –		
See	d Mix				PLS	Seeds	Cost /Acre
					LBS /	per SQ.	
					Acre	FT	
Indi	ian Ricegrass - Nati	ve			2.00	6.47	\$35.41
	nder Wheatgrass - F				2.00	7.30	\$12.66
	ckspike Wheatgrass	s - Critana			2.00	7.07	\$16.69
	edle and Thread				2.00	5.28	\$166.75

Basin Wildrye - Trailhead

Rabbitbrush, Douglas

Bluebunch Wheatgrass - Goldar

\$26.65

\$23.47

\$83.92

\$365.54

2.00

2.00

2.00

14.00

Totals Seed Mix

8.13

6.43

29.84

70.52

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$242.30
Total Seed Application Cost/Acre	\$242.30

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.44	\$4.44
Total Mulch Materials Cost/Acre				\$4.44

Application

Description		Cost /Acre
Weed spray, truck, non-aquatic area, nox. [DMG]		\$249.08
	Total Mulch Application Cost/Acre	\$249.08

NURSERY STOCK PLANTING

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

JOB TIME AND COST

 No. of Acres:
 1.25
 Cost / Acre:
 \$861.36

 Estimated Failure Rate:
 40%
 Cost / Acre*:
 \$607.84

*Selected Replanting Work Items: SEEDING

Initial Job Cost: \$1,076.70

Reseeding Job Cost: \$303.92

Total Job Hours: \$1,381

2.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: <u>Init</u>	ial Mobilization			
te: West Side Placer	Permit	t Action: <u>CN-2</u>	Permit/	Job#: <u>M2016081</u>
PROJECT IDENTIFICATI	<u>ON</u>			
Task #: 08A	State: C	olorado	Abbreviation	: None
Date: 3/25/2025 User: HR1	County: N	loffat	Filename	2: 08a
Agency or organization	n name: DRMS	S		
EQUIPMENT TRANSPOR	T RIG COST			
			Shift basis: Cost Data Source:	1 per day CRG Data
Truck Tractor Desc	ription: GENI		AY TRUCK TRACTOR, 6X4 400 HP (2ND HALF, 2006)	4, DIESEL POWERED,
Truck Trailer Desc	ription: C		G GOOSENECK, DROP DI AILER (25T, 50T, AND 100	
Cost Breakdown:				
Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons	
Ownership Cost/Hour:	\$21.47	\$38.32	\$48.96	
Operating Cost/Hour:	\$31.47	\$60.11	\$65.86	
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52	
Helper Cost/Hour:	\$0.00	\$22.25	\$22.25	

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$75.46

Machine Description	Weight/ Unit	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/uni	Fleet Size	Haul Trip Cost/hr/	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
	(TONS)		ι		fleet		
Cat 637G	57.28	\$336.56	\$159.59	1	\$496.15	\$159.59	\$250.00
Cat D8T - 8SU	53.08	\$194.88	\$159.59	1	\$354.47	\$159.59	\$250.00
Drill/Broadcast	25.00	\$5.99	\$75.46	1	\$81.45	\$75.46	\$250.00
Seeder with							
Tractor							
CAT 12M	16.01	\$47.95	\$75.46	1	\$123.41	\$75.46	\$250.00

\$143.20

\$159.59

Subtotals: \$1,055.48 \$470.10 \$1,000.00

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.	\$44.48	1	\$44.48	\$44.48

C 1, , 1	0.4.4.40	0.4.4.40
Subtotals:	\$44.48	\$44.48

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

CRAIG

miles

52.00

mph

Total Non-Roadable Mob/Demob Cost *
 '* two round trips with haul rig:
 Total Roadable Mob/Demob Cost **
 ** one round trip, no haul rig:

\$6,995.69

\$84.11

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	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:	\$7,080	