

July 28, 2025

Jason Burkey Oldcastle SW Group, Inc. dba United Companies of Mesa County 2273 River Road Grand Junction, CO 81502-3609

Re: Berry Pit - File No. M-1977-132

Oldcastle SW Group, Inc. dba United Companies of Mesa County

Surety Increase (SI-8)

Surety Increase

Dear Jason Burkey:

On July 28, 2025 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$439,279.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$146,230.00.

Surety Increase post inspection. Inflationary changes 2021-2025

Please see the July 3, 2025 inspection report for details regarding why this surety increase is required.

On July 28, 2025, the Division ordered amendment of the current Financial Warranty or submittal of a new Financial Warranty reflecting the increase, within 60 days.

Please make arrangements with Sara M. Stevenson-Benn at the Division's Denver office for submittal of the financial warranty. Any other questions regarding completion, execution and/or submittal of financial warranty forms should also be directed to Sara M. Stevenson-Benn by telephone at (303) 866-3567, or by email at Sara.stevenson-benn@state.co.us.

The Permittee for this site may be scheduled for a Formal Board Hearing for possible revocation of the permit if the amount of any increased Financial Warranty has not been provided by September 26, 2025.

Bond Held:	\$293,049.00
Prior Liability:	\$293,049.00
Change in Liability:	\$146,230.00
Revised Liability:	\$439,279.00



Prior Permit Acreage:	91.21
Change in Permit Acreage:	0.00
Revised Permit Acreage:	91.21
Prior Affected Acreage:	67.60
Change in Affected Acreage:	0.00
Revised Affected Acreage:	67.60

If you have any questions, please contact me by telephone at (970) 210-1272, or by email at Amy.yeldell@state.co.us.

Sincerely,

Amy C. Yeldell

Amy Geldell

Environmental Protection Specialist

M-GR-04

COST SUMMARY WORK

_	Berry Pit	Permit Action:	SI8		Permit/Job	#: <u>M1977132</u>
F	ROJECT IDENTIFICAT	<u>ION</u>				
	Task #: ACY Date: 7/11/2025	State: Colorado County: Rio Blanc	0		Abbreviation: _ Filename: _	None M132-ACY
	User: ACY Agency or organization	n name: DRMS				
ΓΑ	ASK LIST (DIRECT CO					
ζ.			Form	Fleet	Task	G 4
	Description		Used	Size	Hours	Cost
	Regrade two new lease are		DOZER	1	54.26	\$17,802
	Replace overburden over		SCRAPER1	1	4.84	\$12,690
	Replace topsoil from stock	kpile C on regraded strip	SCRAPER1	$\frac{1}{1}$	7.69	\$20,692
	Regrade old lease area		DOZER	$\frac{1}{1}$	147.98	\$52,159
	Regrade sediment pond	1	DOZER	- 1 1	15.30	\$5,394
	Regrade protection berm	opson —	DOZER	- 1 1	166.11	\$58,553
	Revegetation Mobilization		REVEGE	$\frac{1}{1}$	60.00	\$146,915
	Secondary Mobilization		MOBILIZE MOBILIZE	$\frac{1}{1}$	6.00	\$15,043 \$2,348
	Becondary Modifization		MODIELEE	1	0.00	Ψ2,3 10
	DIRECT COSTS /ERHEAD AND PROFIT:					
<u> </u>		2.02			Total = \$6	600
	Liability insurance: Performance bond:	2.02 1.05				,698 ,482
	Job superintendent:	234.09				7,587
	Profit:	10.00				3,160
	110111.			TOTAI		0,927
		CONT	RACT AMOUNT			92,523
LE	GAL - ENGINEERING - PR	OJECT MANAGEMENT	:			
	Financial warranty proces	sing (legal/related costs)	\$500		Total = \$5	00
	Engineering work and/or		4.25	_		6,682
		nt and/or administration:	5.00			9,626
	-	CONTINGENCY:	3.00		Total = \$9	,948
		COLUMN (SELICI)				,

TOTAL BOND AMOUNT (direct + indirect) = \$439,279

BULLDOZER WORK

		two new lease area str	1		
Berry Pit		Permit Action: S	18	_ Permit/Job#:	M1977132
PROJECT IDEN	NTIFICATION				
Task #: 01A		State: Colorado		Abbreviation:	None
Date: 7/11/2		County: Rio Blanco		Filename:	M132-01a
User: ACY					
Agency or	r organization nam	ne: DRMS			
HOURLY EQUI	IPMENT COST	<u>.</u>			
Basic Machine:	Cat D8T - 8SU				
Horsepower:	310				
Blade Type:	Semi-Universal				
Attachment:	NA				
Shift Basis: Data Source:	1 per day (CRG)				
Cost Breakdown:	(CRO)				
			<u>Utilization %</u>		
Ownership Cost/H		\$179.60	NA		
Operating Cost/H		\$110.45	100		
Ripper own. Cost/H		\$0.00	NA		
Ripper op. Cost/H		\$0.00	0		
Operator Cost/H	Hour:	\$38.02	NA		
Total Fleet Cost/Ho					
MATERIAL QU Initial Volume:	94,500 \$328.07		_		
MATERIAL QU	yantities				
MATERIAL QU Initial Volume: Swell factor:	DANTITIES 14,500 1.090 15,805 LCY	AM-1 Exhibit L Cat Handbook			
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated	VANTITIES 14,500 1.090 15,805 LCY I volume: A swell factor:				
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated	DUCTION \$328.07				
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push distar	JANTITIES 14,500 1.090 15,805 LCY I swell factor: OUCTION nce: 150 production: 634	Cat Handbook) feet	ckpile 1.1		
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push distant Unadjusted hourly	DANTITIES 14,500 1.090 15,805 LCY 1 volume:	Cat Handbook Ofeet 4.3 LCY/hr Partly consolidated sto	ckpile 1.1		
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push distar Unadjusted hourly Materials consisten Average push gradi	DANTITIES 14,500 1.090 15,805 LCY 1 volume:	Cat Handbook O feet 4.3 LCY/hr Partly consolidated sto	ckpile 1.1		
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push distant Unadjusted hourly push distant Unadjusted hou	328.07 328.07	Cat Handbook O feet 4.3 LCY/hr Partly consolidated sto	ckpile 1.1		
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated Source of estimated HOURLY PROI Average push distart Unadjusted hourly in Materials consistent Average push gradic Average site altitude Material weight: Weight description: Job Condition Corrections	\$328.07 \$328.07	Cat Handbook O feet 4.3 LCY/hr Partly consolidated sto	Source		
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push distar Unadjusted hourly properties Average push gradic Average push gradic Average site altitud Material weight: Weight description: Job Condition Corre Ope	\$328.07 \$328.07	Cat Handbook O feet 4.3 LCY/hr Partly consolidated sto LCY gravel - Dry 0.750	Source (AVG.)		
MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated Source of estimated Average push distart Unadjusted hourly Materials consistent Average push gradic Average site altitude Material weight: Weight description: Ope Material constraints of the same of	\$328.07 \$328.07	Cat Handbook Difeet 4.3 LCY/hr Partly consolidated sto LCY gravel - Dry	Source		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.958	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4592

Adjusted unit production: 291.27 LCY/hr
Adjusted fleet production: 291.27 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.126/LCY

Total job time: 54.26 Hours
Total job cost: \$17,802

SCRAPER TEAM WORK

Task description:	Replace ov	verburden ovei	· 3.4 acres at 1' dep	oth		
Site: Berry Pit		Permit Actio	on: SI8	Per	mit/Job#: M197	77132
PROJECT IDENT Task #: 02A Date: 7/11/20 User: ACY		State: Colora unty: Rio Bl			eviation: None lename: M132-	-02a
Agency or	organization name	: DRMS				
HOURLY EQUIF	PMENT_		COSTS	Shift basis: 1 per d	<u>lay</u>	
		Equip	oment Description			
		Scraper: Cat	637G w/push-pull			
Sunno	ort Equipment -Loa		D8T - 8SU D8T - 8SU			
Зиррс			D8T - 8SU			
Road Ma	intenance – Motor		T 14M			
-	-Water	Truck: Wat	er Tanker, 7,000 Ga	1.		
Cost Breakdown:	Scraper Wo	rk Team	Support Equi	ipment	Maintenance	Equipment
	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	100	50	100	50
Ownership cost/hour:	\$285.51	\$179.60	\$179.60	\$179.60	\$101.88	\$75.70
Operating cost/hour:	\$313.00	\$110.4	\$110.45	\$55.23	\$73.16	\$39.37
%Utilization-ripper:	NA	N/	100	NA	NA	NA.
Ripper own. cost/hour:	NA	\$0.00		\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA	\$0.00		\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$59.78	\$38.02		\$38.02	\$60.00	\$0.00
Unit Subtotals:	\$658.29	\$328.0	7 \$352.49	\$272.84	\$235.04	\$115.07
Number of Units:	2		1	1	1	-
Group Subtotals:	Work:	\$1,644.65	Support:	\$625.33	Maint:	\$350.11
MATERIAL QUA	ANTITIES	CCY	S	1.000		
Initial volume: Loose volume:	5,485 5,979	LCY	Swell fac	etor: 1.090		
	rce of estimated vo		Exhibit L			
	of estimated swell		landbook			
HOURLY PROD	<u>UCTION</u>					
			Scraper B	Bowl (volume) Bas	sis:	
Material weight: Material description:	2,400 lbs/LCY Clay and gravel	- Dry		Volume: 24.00 Volume: 34.00		.CY .CY
Rated Payload:	81,600 pounds	*	Average	Volume: 29.00	I	.CY
Payload Canacity:	34 00 LCY		Adjusted	Capacity: 29.00	Ţ	CY

Site Altitude: 6350 feet

\sim	1	TD :	
('7	ICLE	Time	٠.
\mathbf{C}	y CIC	1 1111	٠.

Scraper Loading Time:1.00 MinutesManeuver and Spread Time:0.60 Minutes

<u>Job Condition Correction:</u>

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:

Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res	Velocity (fpm)	Travel Time (min)
1	500.00	1.50	3.00	4.50	2394	0.45

Haul Time: ______ 0.45 ___ minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	500.00	-1.50	3.00	1.50	2960	0.29

0.29 minutes Return Time: Total Scraper team cycle time: 2.34 minutes Adjusted for job conditions: 1,234.36 LCY/Hour Selected Number of Scrapers: 2 Scraper(s) Adjusted single scraper team (unit) hourly production: 1,234.36 LCY/Hour Adjusted multiple scraper team (fleet) hourly production: 1,234.36 LCY/Hour

Unadjusted unit production/hour: 1,487.18 LCY/Hour Optimal Number of Scrapers per push dozer:

JOB TIME AND COST

Fleet size:	1	Team(s)	Total job time:	4.84	Hours
Unit cost:	\$2.123	/LCY	Total job cost:	\$12,690	

SCRAPER TEAM WORK

Task description:	Replace to	psoil from stock	pile C on regrade	d strip		
Site: Berry Pit		Permit Action	: SI8	Per	mit/Job#: <u>M197</u>	7132
PROJECT IDEN Task #: 03A Date: 7/11/20 User: ACY		State: Colorado unty: Rio Blan			viation: None M132-	03a
Agency or o	organization name	DRMS				
HOURLY EQUIP	PMENT		COSTS	hift basis: <u>1 per d</u>	la <u>y</u>	
		Fauinn	nent Description			
		Scraper: Cat 63	37G w/push-pull			
Cuma			8T - 8SU 8T - 8SU			
Suppo	ort Equipment -Loa Dum-		8T - 8SU 8T - 8SU			
Road Ma	intenance –Motor	Grader: CAT	14M			
	-Water	Truck: Water	Tanker, 7,000 Ga	l.		
Cost Breakdown:	Scraper Wo	rk Team	Support Equi	pment	Maintenance	Equipment
	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	100	100	100	100
Ownership cost/hour:	\$285.51	\$179.60	\$179.60	\$179.60	\$101.88	\$75.70
Operating cost/hour:	\$313.00	\$110.45	\$110.45	\$110.45	\$73.16	\$78.74
%Utilization-ripper:	NA	NA	NA	NA	NA	N/
Ripper own. cost/hour:	NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$59.78	\$38.02	\$38.02	\$38.02	\$60.00	\$0.00
Unit Subtotals:	\$658.29	\$328.07	\$328.07	\$328.07	\$235.04	\$154.44
Number of Units:	2	1	1	1	1	
Group Subtotals:	Work:	\$1,644.65	Support:	\$656.14	Maint:	\$389.48
Total work team cost MATERIAL QUA Initial volume:		CCY	Swell fac	etor: 1.000		
Loose volume:	8,228	LCY	Swell fac	1.000		
	rce of estimated vo		Exhibit L			
	of estimated swell					
HOURLY PROD	<u>UCTION</u>					
			Scraper B	owl (volume) Bas	is:	
Material weight:	1,600 lbs/LCY		Struck	Volume: 24.00	L	CY
Material description:	Top Soil			Volume: 34.00		CY
Rated Payload:	81,600 pounds			Volume: 29.00 Capacity: 29.00		CY
Payload Canacity:	51 00 LCY		Admsted (anacity: 29 Mi	I I	CY

Site Altitude: 6350 feet

a			
('VIC	Δ	Time	2
	ı	1 11111	_

 $\begin{array}{lll} \text{Scraper Loading Time:} & \underline{1.00} \text{ Minutes} \\ \text{Maneuver and Spread Time:} & \underline{0.60} \text{ Minutes} \\ \end{array}$

<u>Job Condition Correction:</u>

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:

Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res	Velocity (fpm)	Travel Time (min)
1	1100.00	-5.00	3.00	-2.00	2972	0.44

Haul Time: ______ 0.44 ___ minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1100.00	5.00	3.00	8.00	1931	0.66

Return Time: **0.66** minutes Total Scraper team cycle time: 2.70 minutes Adjusted for job conditions: 1,069.78 LCY/Hour Selected Number of Scrapers: 2 Scraper(s) Adjusted single scraper team (unit) hourly production: 1,069.78 LCY/Hour Adjusted multiple scraper team (fleet) hourly production: 1,069.78 LCY/Hour

Unadjusted unit production/hour: 1,288.89 LCY/Hour Optimal Number of Scrapers per push dozer:

JOB TIME AND COST

Fleet size:	1	Team(s)	Total job time:	7.69	Hours
Unit cost:	\$2.515	/LCY	Total job cost:	\$20,692	

BULLDOZER WORK

Task description:	Regrade old leas	e area			
: Berry Pit	Peri	mit Action:	SI8	Permit/Job#:	M1977132
PROJECT IDENTIFE	<u>ICATION</u>				
Task #: 04A	State:	Colorado		Abbreviation:	None
Date: 7/11/2025	County:	Rio Blance)	Filename:	M132-04a
User: ACY					
Agency or organ	nization name: DF	RMS			
HOURLY EQUIPME					
	: D8T - 8SU				
Horsepower: 310					
	ni-Universal		<u> </u>		
	hank ripper				
	er day				
Data Source: (CF	RG)				
Cost Breakdown:					
Cost Broakdowii.			<u>Utilization %</u>		
Ownership Cost/Hour:		\$179.60	NA		
Operating Cost/Hour:		\$110.45	100		
Ripper own. Cost/Hour:		\$15.28	NA		
Ripper op. Cost/Hour:		\$9.14	100		
Operator Cost/Hour:		\$38.02	NA		
Total unit Cost/Hour:	\$352.49				
Total Fleet Cost/Hour:	\$352.49				
Total Fleet Cost/Hour:	\$352.49				
Total Fleet Cost/Hour: MATERIAL QUANT	\$352.49 <u>TITIES</u>				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume:48,0	\$352.49 <u>TITIES</u> 00				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09	\$352.49 <u>STTIES</u> 00 0				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09	\$352.49 <u>TITIES</u> 00				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09	\$352.49 <u>TITIES</u> 00 0 20 LCY	— — — hibit L			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3	\$352.49 TITIES 00 0 20 LCY me: AM-1 Ex				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3 Source of estimated volum Source of estimated swell	\$352.49 TITIES 00 0 20 LCY me: AM-1 Ex Cat Hand				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3 Source of estimated volum Source of estimated swell HOURLY PRODUCT	\$352.49 TITIES 00 0 20 LCY me: AM-1 Ex Cat Hand				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3 Source of estimated volum Source of estimated swell	\$352.49 TITIES 00 0 20 LCY me: AM-1 Ex Cat Hand FION 100 feet	book			
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance:	\$352.49 TITIES 00 0 20 LCY me: AM-1 Ex Cat Hand TION 100 feet 852.6 LCY	book	stockpile 1.1		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3 Source of estimated volum Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product	\$352.49 TITIES 00 0 20 LCY me: AM-1 Ex Cat Hand TION 100 feet 852.6 LCY	book	stockpile 1.1		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3 Source of estimated volumes Source of estimated swell HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency destances Average push gradient:	\$352.49 STTIES 00 0 20 LCY me: AM-1 Ex Cat Hand FION 100 feet etion: 852.6 LCY/ scription: Partly of	book	stockpile 1.1		
MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3 Source of estimated volumes Source of estimated swells HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency destances Average push gradient: Average site altitude:	\$352.49 SITIES 00 0 20 LCY me:AM-1 Ex	book hr consolidated	stockpile 1.1		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3 Source of estimated volum 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	\$352.49 STTIES 00 0 20 LCY me:AM-1 Ex_ Cat Hand STION Scription:Partly of 6,350 feet 2,400 lbs/LCY Clay and gravel - I Factor	book Thr consolidated Ory	Source		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3 Source of estimated volumes Source of estimated swells HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency destances are altitude: Material weight: Weight description: Job Condition Correction Operator is	\$352.49 TITIES 00 0 20 LCY me:AM-1 Ex_ Cat Hand TION 100 feet852.6 LCY/ scription:Partly of	hr consolidated Dry	Source (AVG.)		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 48,0 Swell factor: 1.09 Loose volume: 52,3 Source of estimated volum 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	\$352.49	book Thr consolidated Ory	Source		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.958	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4147

Adjusted unit production: 353.57 LCY/hr
Adjusted fleet production: 353.57 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.997/LCY

Total job time: 147.98 Hours
Total job cost: \$52,159

BULLDOZER WORK

Task description:	Regrade sedime	ent pond			
: Berry Pit	Pe	rmit Action: _	SI8	Permit/Job#:	M1977132
PROJECT IDENTI	FICATION				
Task #: 05A	State:	Colorado		Abbreviation:	None
Date: 7/11/2025	County:	Rio Blanco		Filename:	M132-05a
User: ACY					
Agency or org	anization name: D	RMS			
HOURLY EQUIPM					
Basic Machine: C	at D8T - 8SU				
	10		_		
	emi-Universal		=		
	-shank ripper		_		
-	per day		_		
Data Source: (C	CRG)				
Cost Breakdown:					
Cost Dicardown.			<u>Utilization %</u>		
Ownership Cost/Hours	:	\$179.60	NA		
Operating Cost/Hours	4	\$110.45	100		
Ripper own. Cost/Hour:	:	\$15.28	NA		
Ripper op. Cost/Hours		\$9.14	100		
Operator Cost/Hour	:	\$38.02	NA		
MATERIAL QUAN Initial Volume: 4,0 Swell factor: 1.1	000				
	40 LCY				
Source of estimated vol Source of estimated swe					
HOURLY PRODUC	CTION				
Average push distance: Unadjusted hourly prod	115 feet 776.8 LCY	//hr			
Materials consistency d	escription: Comp	acted fill or em	bankment 0.9		
Average push gradient: Average site altitude:	0 % 6,350 feet				
Material weight:	2,700 lbs/LCY			_	
Weight description:	Sand and clay - L	oose			
Job Condition Correction Operato	r Skill:).750	Source (AVG.)		
Material consis).900	(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:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.852	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3819

Adjusted unit production: 296.66 LCY/hr
Adjusted fleet production: 296.66 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.188/LCY

Total job time: Total job cost: 15.30 Hours \$5,394

BULLDOZER WORK

Task description:	- Regi	ade protection berm top			
: Berry Pit		Permit Action:	SI8	_ Permit/Job#:	M1977132
PROJECT IDE	NTIFICATIO	<u>ON</u>			
Task #: 06A		State: Colorado		Abbreviation:	None
Date: $\frac{-3000}{7/11/2}$	2025	County: Rio Blanco		Filename:	M132-06a
User: ACY				-	
Λαρανιο	r organization 1	name: DRMS			
HOURLY EQU	PMENT CO	<u>OST</u>			
Basic Machine:	Cat D8T - 8	SU	<u>_</u>		
Horsepower:	310				
Blade Type:	Semi-Unive	rsal	_		
Attachment:	3-shank ripp	oer			
Shift Basis:	1 per day				
Data Source:	(CRG)		_		
Cost Breakdown:					
			<u>Utilization %</u>		
Ownership Cost/H	Hour:	\$179.60	NA		
Operating Cost/I		\$110.45	100		
Ripper own. Cost/I		\$15.28	NA		
Ripper op. Cost/I	Hour:	\$9.14	100		
Operator Cart/I	T	\$38.02	NA		
Operator Cost/Ho Total unit Cost/Ho Total Fleet Cost/Ho MATERIAL OI	\$352.4 \$352.4	19			
Total unit Cost/Hor Total Fleet Cost/Hor MATERIAL QU Initial Volume:	\$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$352.4	19			
Total unit Cost/Hor Total Fleet Cost/Hor MATERIAL QU	9352.4 bur: \$352.4 JANTITIES	19	IVA		
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor:	\$352.4 \$352.4 \$352.4 \$352.4 \$39,200 1.135 44,492 LCY I volume:	19			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated	### \$352.4 ### \$3	AM-1 Exhibit L			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated	39,200 1.135 44,492 LCY I volume: I swell factor:	AM-1 Exhibit L			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PRO	### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### ### ### ### ### ### ### ### #### ####	AM-1 Exhibit L Cat Handbook			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista	\$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$39,200 \$1.135 \$44,492 LCY \$1 volume: \$1 swell factor: DUCTION nce: production:	AM-1 Exhibit L Cat Handbook 115 feet 776.8 LCY/hr			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly	### \$352.4 ### \$352.4	AM-1 Exhibit L Cat Handbook 115 feet 776.8 LCY/hr Compacted fill or er			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly Materials consistent Average push grad	\$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$39,200 1.135 44,492 LCY 1 volume: 1 swell factor: DUCTION	AM-1 Exhibit L Cat Handbook 115 feet 776.8 LCY/hr Compacted fill or er			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly Materials consistent Average push grad Average site altitud	\$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$39,200 1.135 44,492 LCY 1 volume: 1 swell factor: DUCTION	AM-1 Exhibit L Cat Handbook 115 feet 776.8 LCY/hr Compacted fill or er			
Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly Materials consistent Average push grad Average site altitud Material weight: Weight description Job Condition Corr	\$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$39,200 1.135 44,492 LCY 1 volume: 1 swell factor: DUCTION	AM-1 Exhibit L Cat Handbook 115 feet 776.8 LCY/hr Compacted fill or er feet lbs/LCY and clay - Loose	nbankment 0.9		
Total unit Cost/Hot Total Fleet Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly Materials consistent Average push grad Average site altitud Material weight: Weight description Job Condition Corr Ope	\$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$39,200 1.135 44,492 LCY 1 swell factor:	AM-1 Exhibit L Cat Handbook 115 feet 776.8 LCY/hr Compacted fill or er feet lbs/LCY and clay - Loose 0.750	nbankment 0.9 Source (AVG.)		
Total unit Cost/Hot Total Fleet Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROD Average push dista Unadjusted hourly Materials consistent Average push grad Average site altitud Material weight: Weight description Job Condition Corr Ope Material of	\$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$352.4 \$39,200 1.135 44,492 LCY 1 volume: 1 swell factor: DUCTION	AM-1 Exhibit L Cat Handbook 115 feet 776.8 LCY/hr Compacted fill or er feet lbs/LCY and clay - Loose	nbankment 0.9		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.852	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3448

Adjusted unit production: 267.84 LCY/hr
Adjusted fleet production: 267.84 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.316/LCY

Total job time: Total job cost: 166.11 Hours \$58,553

REVEGETATION WORK

Task description: Reve	egetation					
Berry Pit	Permit Action: SI8 Permit/Job#:			: <u>M1977132</u>		
ROJECT IDENTIFICATION	<u>DN</u>					
Task #: 07A	State: Col	orado		A b1	breviation:	None
Date: 7/11/2025		Blanco		_		M132-07a
User: ACY	County. Kio	Dianeo		_	Thename.	W1132-07a
Agency or organization	name: DRMS					
<u>ERTILIZING</u>						
aterials						
5		Units /		G	4 / TT *4	G = =4 / A ====
Description		Acre	Unit		t / Unit	Cost /Acre
10-34-0, 18-46-0, 5-10-5		200.00	pound	\$0.5	52	\$104.76
				Tot	al Fertilizer Materials	
					Cost/Acre	\$104.76
Tractor towed spreader (MEA	NS 32 01 70.13 01					\$46.17
		Total	Fertilizer A	pplication	n Cost/Acre	\$46.17
<u>ILLING</u>						
Description						Cost /Acre
Disc harrowing, 6" deep (MEA	ANS 32 91 13.23 6	5100)				\$114.13
			To	otal Tillin	g Cost/Acre	\$114.13
EEDING						
				Rate –		
Seed Mix				PLS	Seeds	Cost /Acre
				LBS /	per SQ.	
				Acre	FT	
Indian Ricegrass - Nespar				2.50	8.09	\$44.08
Beardless Wheatgrass - Whitn	nar			2.40	7.82	\$34.01
Russian Wildrye - Vinal	1411			2.00	8.03	\$14.80
Streambank Wheatgrass - Sod	ar			2.20	7.17	\$14.80
Western Wheatgrass - Arriba	aı			3.20	8.08	\$29.60
Sagebrush, Mountain or Big				1.00	52.80	\$84.68

Totals Seed Mix

Application

\$225.87

92.00

13.30

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
Straw, delivered	2.00	TON	\$504.56	\$1,009.12
Total Mulch Materials Cost/Acre				\$1,013.56

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$239.35
Power mulcher (MEANS 32 91 13.16 0350)		\$141.57
Weed spray, truck, non-aquatic area, nox. [DMG]		\$249.08
	Total Mulch Application Cost/Acre	\$630.00

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

JOB TIME AND COST

 No. of Acres:
 49.45
 Cost /Acre:
 \$2,376.79

 Estimated Failure Rate:
 25%
 Cost /Acre*:
 \$2,376.79

*Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,MU

LCHING

Initial Job Cost: \$117,532.27

Reseeding Job Cost: \$29,383.07

Total Job Cost: Job Hours: \$60.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Mo	bilization			
te: Berry Pit	Permi	t Action: SI8	Permit/Jo	b#: <u>M1977132</u>
PROJECT IDENTIFICATI	<u>ON</u>			
Task #: 08A Date: 7/11/2025 User: ACY		Colorado Lio Blanco	Abbreviation: Filename:	None M132-08a
Agency or organization	n name: DRM	S		
EQUIPMENT TRANSPOR	T RIG COST			
				1 per day CRG Data
Truck Tractor Desc	ription: GENI		AY TRUCK TRACTOR, 6X4, 400 HP (2ND HALF, 2006)	DIESEL POWERED,
Truck Trailer Desc	ription: C		IG GOOSENECK, DROP DEC AILER (25T, 50T, AND 100T)	•
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	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
_	(TONS)		t		fleet		
Cat D8T - 8SU	53.08	\$194.88	\$159.59	2	\$708.94	\$319.18	\$500.00
Cat 637G w/push-	59.59	\$285.51	\$159.59	2	\$890.20	\$319.18	\$500.00
pull							
CAT 14M	23.57	\$101.88	\$75.46	1	\$177.34	\$75.46	\$250.00
Water Tanker,	29.65	\$75.70	\$143.20	1	\$218.90	\$143.20	\$250.00
7,000 Gal.							
Drill/Broadcast	25.00	\$5.99	\$75.46	1	\$81.45	\$75.46	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$29.91	\$75.46	1	\$105.37	\$75.46	\$250.00
(Bowie LD-90)							

\$143.20

\$159.59

Subtotals: \$2,182.20 \$1,007.94 \$2,000.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T.	\$74.63	2	\$149.26	\$149.26
Crew				

Subtotals: \$149.26 \$149.26

Task # 08A

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

RIFLE

miles

50.00

mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	1.00	1.00
Return Time (Hours):	1.00	1.00
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.00	2.00

JOB TIME AND COST

Total job time:	6.00	Hours
Total job cost:	\$15,043	

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Secondary Mobili	zation			
Site: Berry Pit	Pern	nit Action: SI8		Permit/Job#	: M1977132
PROJECT IDENTIFI	<u>ICATION</u>				
Task #: 08B Date: 7/11/2025 User: ACY		Colorado Rio Blanco	Ab		None M132-08b
Agency or organ	nization name: DRM	MS			
EQUIPMENT TRAN	SPORT RIG COST	-			
			Shift Cost Data S		oer day G Data
Truck Tracto	or Description: GEN	NERIC ON-HIGHW	VAY TRUCK TRAC 400 HP (2ND HAI		ESEL POWERED,
Truck Traile	er Description:		ING GOOSENECK, RAILER (25T, 50T,		EQUIPMENT
Cost Breakdown:					
Available Rig Capaciti	es 0-25 Tons	26-50 Tons	51+ Tons		
Ownership Cost/I	Hour: \$21.47	\$38.32	\$48.96		
Operating Cost/I		\$60.11	\$65.86		
Operator Cost/I		\$22.52	\$22.52		
Helper Cost/I	Hour: \$0.00	\$22.25	\$22.25		
Total Unit Cost/I	Hour: \$75.46	\$143.20	\$159.59		

NON ROADABLE EQUIPMENT:

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)		t		fleet		
Drill/Broadcast	25.00	\$5.99	\$75.46	1	\$81.45	\$75.46	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$29.91	\$75.46	1	\$105.37	\$75.46	\$250.00
(Bowie LD-90)							

Subtotals: \$186.82 \$150.92 \$500.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T. Crew	\$74.63	2	\$149.26	\$149.26

Subtotals: \$149.26 \$149.26

Page 2 of 2

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

RIFLE

miles

50.00

mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	1.00	1.00
Return Time (Hours):	1.00	1.00
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.00	2.00

JOB TIME AND COST

Total job cost: 6.00 Hours

Total job cost: \$2,348