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: <u>ACY</u> 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 Woomzation		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 (SELECT)			-	,

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

		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 start	\$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)

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 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

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('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	

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 dest Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator 3	\$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)

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

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)

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

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 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$352.4 ### \$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)

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	Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)				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