COST SUMMARY WORK

	Three Crown Ranch Gravel Pit	Permit Action:	2025-07		Permit/J	Tob#: M2000073
<u>PR</u>	OJECT IDENTIFICATIO	<u>N</u>				
	Task #: ACY Date: 7/22/2025 User: ACY Agency or organization n	State: Colorado County: Rio Blanco ame: DRMS)	<i>I</i>	Abbreviation: Filename:	
<u>TA</u>	SK LIST (DIRECT COSTS	<u>S)</u>				
ask	Description		Form	Fleet Size	Task Hours	Cost
1a	Description Cut and Fill Reduction of Pit	Slones	Used DOZER	1	4.55	\$984
2a	Topsoil slopes	21000	DOZER	1	7.02	\$1,518
3a	Revegetate pit slopes		REVEGE	1	8.00	\$1,039
4a	Inital Mobilization		MOBILIZE	1	3.20	\$2,013
4b	Seconday Mobilization		MOBILIZE	1	3.20	\$802
			SUBTO	<u> DTALS:</u>	25.9	97 \$6,356
	DIRECT COSTS		SUBTO	OTALS:	25.3	\$6,356
	DIRECT COSTS ERHEAD AND PROFIT:		SUBTO	OTALS:	25.3	\$6,356
	ERHEAD AND PROFIT: Liability insurance: 2	2.02	SUBTO	OTALS:	Total =	\$128
	ERHEAD AND PROFIT: Liability insurance: 2 Performance bond: 1	.05	SUBTO	OTALS:	Total = _ Total = _	\$128 \$67
	ERHEAD AND PROFIT: Liability insurance: 2 Performance bond: 1 Job superintendent: 0	.05	SUBTO	OTALS:	Total = _ Total = _ Total = _	\$128 \$67 \$0
	ERHEAD AND PROFIT: Liability insurance: 2 Performance bond: 1 Job superintendent: 0	.05	SUBTO		Total = _ Total = _ Total = _ Total = _	\$128 \$67 \$0 \$636
	ERHEAD AND PROFIT: Liability insurance: 2 Performance bond: 1 Job superintendent: 0	.05 0.00 0.00	SUBTO	TOTAL	Total = _ Total = _ Total = _ Total = _ O & P = _	\$128 \$67 \$0
	ERHEAD AND PROFIT: Liability insurance: 2 Performance bond: 1 Job superintendent: 0	.05 0.00 0.00		TOTAL	Total = _ Total = _ Total = _ Total = _ O & P = _	\$128 \$67 \$0 \$636 \$831
OV	ERHEAD AND PROFIT: Liability insurance: 2 Performance bond: 1 Job superintendent: 0	.05 0.00 0.00 CONTR		TOTAL	Total = _ Total = _ Total = _ Total = _ O & P = _	\$128 \$67 \$0 \$636 \$831
OV	ERHEAD AND PROFIT: Liability insurance: 2 Performance bond: 1 Job superintendent: 0 Profit: 1 GAL - ENGINEERING - PROJE	.05 0.00 0.00 CONTR ECT MANAGEMENT: g (legal/related costs):	RACT AMOUNT	TOTAL	Total = _ Total = _ Total = _ Total = _ O & P = _ O & P) = _	\$128 \$67 \$0 \$636 \$831 \$7,187
OV	ERHEAD AND PROFIT: Liability insurance: 2 Performance bond: 1 Job superintendent: 0 Profit: 1 GAL - ENGINEERING - PROJ Financial warranty processing Engineering work and/or con	.05 0.00 0.00 CONTR ECT MANAGEMENT: g (legal/related costs): htract/bid preparation:	\$500 4.25	TOTAL	Total = Total = Total = Total = O & P = O & P) = Total = Total =	\$128 \$67 \$0 \$636 \$831 \$7,187
OV	ERHEAD AND PROFIT: Liability insurance: 2 Performance bond: 1 Job superintendent: 0 Profit: 1 GAL - ENGINEERING - PROJE	.05 0.00 0.00 CONTR ECT MANAGEMENT: g (legal/related costs): htract/bid preparation:	RACT AMOUNT	TOTAL	Total = Total = Total = Total = O & P = O & P) = Total = Total =	\$128 \$67 \$0 \$636 \$831 \$7,187
OV	ERHEAD AND PROFIT: Liability insurance: 2 Performance bond: 1 Job superintendent: 0 Profit: 1 GAL - ENGINEERING - PROJ Financial warranty processing Engineering work and/or con	.05 0.00 0.00 CONTR ECT MANAGEMENT: g (legal/related costs): htract/bid preparation:	\$500 4.25	TOTAL	Total = Total = Total = Total = O & P = O & P) = Total = Total =	\$128 \$67 \$0 \$636 \$831 \$7,187

TOTAL BOND AMOUNT (direct + indirect) = __\$8,542

BULLDOZER WORK

Task description:	_Cut and	d Fill Reduction of Pi	it Slopes		
: Shults Gravel Pi	<u>t</u>	Permit Action:	2025-07	Permit/Job#:	M2000073
PROJECT IDEN	TIFICATION	<u> </u>			
Task #: 01A		State: Colorado		Abbreviation:	None
Date: $\frac{0.174}{7/22/2}$	2025	County: Rio Blanc	0	Filename:	M073-01a
User: ACY		<u> </u>		_	1,10 / 0 0 10
	organization na	me: DRMS			
	C				
HOURLY EQUI	PMENT COS	<u>1</u>			
Basic Machine:	Cat D7R DS S	Series II LGP	<u> </u>		
Horsepower:	240				
Blade Type:	Straight				
Attachment:	NA				
Shift Basis:	1 per day				
Data Source:	(CRG)		<u>—</u>		
Cost Breakdown:					
			<u>Utilization %</u>		
Ownership Cost/H	our:	\$97.39	NA		
Operating Cost/H	our:	\$80.69	100		
Ripper own. Cost/H		\$0.00	NA		
Ripper op. Cost/H	our:	\$0.00	0		
Operator Cost/H	our:	\$38.02	NA		
Total Fleet Cost/Ho					
MATERIAL QU	ANTITLS				
Initial Volume:	1,200				
Swell factor:	1.120				
Loose volume:	1,344 LCY				
Source of estimated Source of estimated		900' @ 15 ' and 300' Cat Handbook	@ 6' 2H:1V to 3H:1V		
HOURLY PROD	<u>UCTION</u>				
Average push distar Unadjusted hourly p) feet 00.0 LCY/hr			
Materials consistence	y description:	Compacted fill or e	embankment 0.9		
Average push gradio Average site altitude		et			
Material weight:	3,250 lbs	s/LCY		<u> </u>	
Weight description:	Gravel -	Pitrun			
Job Condition Corre			Source		
	rator Skill:	0.750	(AVG.)		
Material co		0.900	(CAT HB))		
	ig method:	1.000	(GEN.)		
	Visibility:	1.000	(AVG.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.708	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4217

Adjusted unit production: 295.19 LCY/hr
Adjusted fleet production: 295.19 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.732/LCY

Total job time: 4.55 Hours
Total job cost: \$984

BULLDOZER WORK

Task description:	Topsoil slopes				
: Shults Gravel Pit	Per	mit Action:	2025-07	Permit/Job#:	M2000073
PROJECT IDENTIF	<u>ICATION</u>				
Task #: 02A	State:	Colorado		Abbreviation:	None
Date: 7/22/2025	County:	Rio Blanc	0	Filename:	M073-02a
User: ACY					
Agency or orga	nization name: DI	RMS			
HOURLY EQUIPME	ENT COST				
	t D7R DS Series II L	CD			
Horsepower: 240		GP	<u> </u>		
1	aight				
Attachment: NA	•		_		
	er day				
	RG)				
Cost Breakdown:			<u>—</u>		
COST DICAKUOWII:			Utilization %		
Ownership Cost/Hour:		\$97.39	NA		
Operating Cost/Hour:		\$80.69	100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$38.02	NA		
T 4 1 - '4 C 4/II -	¢216.10				
Total unit Cost/Hour: Total Fleet Cost/Hour:	\$216.10				
Total Fleet Cost/Hour:	\$216.10				
MATERIAL QUANT	TITIES				
	<u> </u>				
Initial Volume: 1,24					
Swell factor: 1.12					
Loose volume: 1,39	5 LCY	_			
Source of estimated volume	me: 1200 LF	30' wide			
Source of estimated swel	l factor: Cat Hand	lbook			
HOURLY PRODUCT	<u> FION</u>				
Average push distance:	150 feet				
Unadjusted hourly produc	ction: 369.6 LCY	/hr			
Materials consistency des	scription: Compa	icted fill or e	mbankment 0.9		
4 12 1	15.0/				
Average push gradient:	-15 %				
Average site altitude:	5,930 feet				
Material weight:	2,550 lbs/LCY				
Weight description:	Earth - Dry packe	d			
Job Condition Correction	Factor		Source		
Operator Operator		.750	(AVG.)		
Material consist		.900	(CAT HB		
Dozing me		.000	(GEN.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5373

Adjusted unit production: 198.59 LCY/hr
Adjusted fleet production: 198.59 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$1.088/LCY

Total job time: 7.02 Hours
Total job cost: \$1,518

REVEGETATION WORK

Shults (Gravel Pit	Per	rmit Action: 2025	-07		Permit/Ioh#	: M2000073
Situits	Ji avei i it	Permit Action: 2025-07 Permit/Job#					. 1012000073
ROJECT	T IDENTIFICAT	<u>'ION</u>					
Task #:	03A	State:	Colorado		۸Ь	breviation:	None
Date:		County:	Rio Blanco				M073-03a
User:		_ County.	Kio Bianco			Thename.	1V10 / 3-03a
A	gency or organization	on name: DF	RMS				
ERTILIZ	<u>ZING</u>						
aterials			TT*4/				
Descrip	tion		Units /	Unit	Cos	st / Unit	Cost /Acre
Descrip	tivii		Acre	Unit		, c r c inc	Cost // Ici c
					\$		\$
					T	. 15	
					101	tal Fertilizer	
						Materials	60.00
						Cost/Acre	\$0.00
Descrip							Cost /Acre
							Cost /Acre
oplication Descrip			Total	Foutilizon	Amplicatio	on Coat/A ava	\$
			Total	Fertilizer	Applicatio	on Cost/Acre	
Descrip	tion		Total	Fertilizer	Applicatio	on Cost/Acre	\$
Descrip	tion		Total	Fertilizer	Applicatio	on Cost/Acre	\$ \$0.00
Descrip	tion	FANS 32 91 1		Fertilizer	Applicatio	on Cost/Acre	\$ \$0.00 Cost /Acre
Descrip	tion	EANS 32 91 1		Fertilizer	Applicatio	on Cost/Acre	\$ \$0.00
Descrip	tion	EANS 32 91 1				on Cost/Acre	\$ \$0.00 Cost /Acre \$114.13
Descrip LLING Descrip Disc har	tion tion rowing, 6" deep (M	EANS 32 91 1					\$ \$0.00 Cost /Acre
Descrip LLING Descrip Disc har	tion tion rowing, 6" deep (M	EANS 32 91 1					\$ \$0.00 Cost /Acre \$114.13
Description Description Disc har	tion tion Trowing, 6" deep (M	EANS 32 91 1			Fotal Tillin	ng Cost/Acre	\$ \$0.00 Cost /Acre \$114.13
Descrip LLING Descrip Disc har	tion tion Trowing, 6" deep (M	EANS 32 91 1			Γotal Tillin Rate – PLS	ng Cost/Acre	\$ \$0.00 Cost /Acre \$114.13
Description Description Disc har	tion tion Trowing, 6" deep (M	EANS 32 91 1			Fotal Tillin	Seeds per SQ.	\$ \$0.00 Cost /Acre \$114.13
Description Disc har	tion tion rowing, 6" deep (M	EANS 32 91 1			Rate – PLS LBS / Acre	Seeds per SQ. FT	\$0.00 Cost /Acre \$114.13 \$114.13
Descript LLING Descript Disc har EEDING Seed Mi	tion tion rowing, 6" deep (M				Rate – PLS LBS / Acre 2.50	Seeds per SQ. FT	\$0.00 Cost /Acre \$114.13 \$114.13 Cost /Acre
Descript LLING Descript Disc har EEDING Seed Mi Indian R Beardles	tion tion rowing, 6" deep (M				Rate – PLS LBS / Acre	Seeds per SQ. FT	\$0.00 Cost /Acre \$114.13 \$114.13
Descript LLING Descript Disc har EEDING Seed Mi Indian R Beardles	tion tion rowing, 6" deep (M				Rate – PLS LBS / Acre 2.50	Seeds per SQ. FT	\$0.00 Cost /Acre \$114.13 \$114.13 Cost /Acre
Descript Descript Disc har EEDING Seed Mi Indian R Beardles Russian	tion tion trowing, 6" deep (Marketicegrass - Nespar ss Wheatgrass -	itmar			Rate – PLS LBS / Acre 2.50 2.40 2.00	Seeds per SQ. FT 8.09 7.82 8.03	\$0.00 Cost /Acre \$114.13 \$114.13 Cost /Acre \$44.08 \$34.01 \$23.74
Descript Descript Disc har EEDING Seed Mi Indian R Beardles Russian Streamb	tion tion rowing, 6" deep (M	itmar			Rate – PLS LBS / Acre 2.50 2.40	Seeds per SQ. FT 8.09 7.82	\$0.00 Cost /Acre \$114.13 \$114.13 Cost /Acre \$44.08 \$34.01
Descript LLING Descript Disc har EEDING Seed Mitter Indian R Beardles Russian Streamb	tion tion rowing, 6" deep (M ticegrass - Nespar ss Wheatgrass - Wh Wildrye - VNS ank Wheatgrass - S	itmar			Rate – PLS LBS / Acre 2.50 2.40 2.00 2.20	Seeds per SQ. FT 8.09 7.82 8.03 7.17	\$0.00 Cost /Acre \$114.13 \$114.13 Cost /Acre \$44.08 \$34.01 \$23.74 \$18.70

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 - Curtail @ 4.0 pt/ac	1.00	ACRE	\$38.14	\$38.14
Herbicide - Glyphosate (Journey)@ 1.0 pt/ac	1.00	ACRE	\$5.22	\$5.22
Total Mulch Materials Cost/Acre				\$43.36

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 Stock Cost / Acre					\$0.00	

JOB TIME AND COST

No. of Acres:	1	Cost /Acre:	\$799.01	
mated Failure Rate:	30%	Cost /Acre*:	\$799.01	

*Selected Replanting Work Items: __TILLING,SEEDING,MULCHING

Initial Job Cost: \$799.01

Reseeding Job Cost: \$239.70

Total Job Cost: \$1,039

8.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Inital Mobilization							
Site: Shults Gravel Pit	Permi	Permit Action: 2025-07			b#: M2000073		
PROJECT IDENTIFICATION							
Task #: 04A Date: 7/22/2025 User: ACY		Colorado Lio Blanco	Ab	bbreviation: Filename:	None M073-04a		
Agency or organization	n name: DRMS	S					
FOLLIPMENT TRANSPOR	T RIC COST						
	Shift basis: 1 per day Cost Data Source: CRG Data Truck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED,						
Truck Trailer Desc	erintion: (GENERIC FOLDIN	400 HP (2ND HAI IG GOOSENECK	· · · · · · · · · · · · · · · · · · ·	K FOUIPMENT		
Truck Truffer Deb			AILER (25T, 50T,		~		
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 D7R DS	34.57	\$97.39	\$143.20	1	\$240.59	\$143.20	\$250.00
Series II LGP							
Drill/Broadcast	25.00	\$5.99	\$75.46	1	\$81.45	\$75.46	\$250.00
Seeder with							
Tractor							

\$143.20

\$159.59

Subtotals: \$322.04 \$218.66 \$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	1	\$74.63	\$74.63

Subtotals: \$74.63 \$74.63

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:
Average Travel Speed:

MEEKER

12.00

miles

40.00

mph

<u>Transportation Cycle Time:</u>

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.30	0.30
Return Time (Hours):	0.30	0.30
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.60	0.60

JOB TIME AND COST

Total job cost: 3.20 Hours

Total job cost: \$2,013

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Sec	onday Mobiliza	tion				
e: Shults Gravel Pit Permit Action: 2025-07			Permit/Jo	Permit/Job#: <u>M2000073</u>		
PROJECT IDENTIFICATI	<u>ION</u>					
Task #: 04B	State: C	Colorado	Abbreviation:	None		
Date: 7/22/2025 User: ACY	County: R	io Blanco	Filename:	M073-04b		
Agency or organization	n name:DRMS	S				
EQUIPMENT TRANSPOR	T RIG COST					
			Shift basis:	1 per day		
			Cost Data Source:	CRG Data		
Truck Tractor Desc	eription: GENI		AY TRUCK TRACTOR, 6X4, 400 HP (2ND HALF, 2006)	DIESEL POWERED,		
Truck Trailer Desc	Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT					
TRAILER (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			
Total Unit Cost/Hour:	\$75.46	\$143.20	\$159.59			

NON ROADABLE EQUIPMENT:

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

Subtotals: \$81.45 \$75.46 \$250.00

ROADABLE EQUIPMENT:

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

Subtotals: \$74.63 \$74.63

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:
Average Travel Speed:

MEEKER

12.00

miles

40.00

<u>Transportation Cycle Time:</u>

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.30	0.30
Return Time (Hours):	0.30	0.30
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.60	0.60

JOB TIME AND COST

Total job cost: 3.20 Hours

Total job cost: \$802