

June 23, 2025

Reed Seaton Best Sand and Gravel LLC 8701 Bee Cave Road, East Building, Suite 310 Austin, TX 78746

Re: Best Sand & Gravel Pit 1 (File No. M-2019-018), Surety Increase No. 1 (SI-01), Increase in Surety Due to Update of Reclamation Cost Estimate Related to Inspections and TR-02

Dear Mr. Seaton:

On June 23, 2025 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$174,493.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$53,161.00. This Surety Increase is related to an update of the reclamation cost estimate for the site. The update stemmed from inspections in 2024 and 2025 and a technical revision, TR-02. The cost estimate is enclosed. Also on June 23, 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 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 Ms. 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 August 22, 2025.

If you have any questions, please contact me by telephone at (720) 601-2276, or by email at Rob.zuber@state.co.us.

Sincerely,

Phot D. Zh

Robert D. Zuber, P.E. Environmental Protection Specialist

Enclosure

Copied via email: Kellie Williams, Best Sand and Gravel LLC



COST SUMMARY WORK

Task des	cription:	Cost Summary					
Site: Best S	and & Gravel Pi	it 1 Per	mit Action:	June 2025	Permit/Job	#: <u>M2019018</u>	
		CATION State: County:	Colorado Delta		Abbreviation: Filename:	None M018-000	

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01	Dewater pit to reclaim slopes	PUMPING	1	717.09	\$25,478
02a	Backfill and grade banks of rez push to 2:1	DOZER	2	46.46	\$29,883
02b	Reclaim banks of reservoir to 3:1	LOADER	1	59.23	\$8,345
02c	Grade banks of reservoir to 3:1	DOZER	2	18.56	\$11,939
03a	Haul topsoil to areas to be seeded	TRUCK1	1	25.47	\$20,937
03b	Grade topsoil	DOZER	2	3.59	\$2,312
04	Seeding of reservoir banks and other areas	REVEGE	1	10.00	\$10,708
05	Demolish and haul foundations for scale and porch	DEMOLISH	1	20.00	\$1,572
06	Mobilize/Demob. Equipment	MOBILIZE	1	2.08	\$3,690
		<u>SUBTO</u>	TALS:	902.48	\$114,864

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$2,320
Performance bond:	1.05	Total =	\$1,206
Job superintendent:	452.01	Total =	\$35,831
Profit:	10.00	Total =	\$11,486
		TOTAL O & P =	\$50,844
		CONTRACT AMOUNT (direct + O & P) = $($	\$165,708

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): Engineering work and/or contract/bid preparation: Reclamation management and/or administration:	\$500 0.00 5.00	Total = Total =	\$500 \$0 \$8,285
CONTINGENCY:	0.00	Total =	\$0
	TOTAL I	NDIRECT COST =	\$59,629
TOTAL BO	ND AMOUNT (direct + indirect) =	\$174,493

PUMPING WORK

Task description: Dewa	ater pit to reclaim slop	es		
e: Best Sand & Gravel Pit 1	Permit Action:	June 2025	Permit/Job#:	M2019018
PROJECT IDENTIFICATIO	<u>ON</u>			
Task #: 01	State: Colorado		Abbreviation:	None
Date: 6/13/2025	County: Delta		Filename:	M018-01
User: RDZ				
Agency or organization	name: DRMS			
HOURLY EQUIPMENT CO	DST			
Descri	ption		Quantity	
	ersible pump - 460v, 8 in	n.	1	
	n hose - 4 in. diam., 25		1	
	arge hose - 4 in. D., 25 f	t.	1	
Labor Unit 1:Pump	operator		1	
Horsepower: 95				
Shift Basis: 1 per day				
Weight: 0.70				
(US Tons)				
Cost Breakdown:		Litilization 9/		
Ownership Cost/Hour:	\$9.42	Utilization % NA		
Operating Cost/Hour:	\$9.42	100		
Operator Cost/Hour:	\$22.07	NA		
Total Unit Cost/Hour:	\$35.53			
	-			
Total Fleet Cost/Hour:	\$35.53			
PUMPING QUANTITIES				
Initial Pond Volume:	380.00		Conversion factor:	325850.5800
Final Pond Volume:	123,823,220.40	gallons		
Total Pond Inflow Surface	07 000		Unit inflow rate in	0.0050
Area: Total Pond Inflow Volume	87,000	Sq. ft.	gph/sq. ft.:	0.0879
per Hour:	7,647.30	gallons		
Source of estima	·	guilding L for 380 ac ft. Estimate 2) as for inflow area	
PUMPING TIME	ited volume. <u>Exhibit</u>	L IOI 580 ac It. Estimate 2	ac for minow area.	
	ump Capacity: Suction Head:	· · · · · · · · · · · · · · · · · · ·	gph/pump	
	scharge Head:		feet feet	
Estimated D	Total Head:		feet	
CPB P	ump Capacity:		gph/pump	
	Site Altitude:		feet	
Adjusted Pum	ping Capacity:	165,600	gph	
Initial Unadjusted F			hours	
Inflow during In			gallons	
Net Unadjusted F			Hours	
	stment Factor:	•	(3% rule)	
	iciency Factor:		(55 min./hr.)	
Total Adjusted F	umping time:	717.09	hours	
JOB TIME AND COST		Total job time:	717.09	Hours
Unit cost: \$0.000197	/Gallon	Total job cost:	\$25,478	
ψ0.0001/7	, Carlott	10001000	. φ ω υ,τ/Ο	

BULLDOZER WORK

Task description:			rez push to 2:1		
Best Sand & Gravel	Pit 1 Per	rmit Action:	June 2025	Permit/Job#:	M2019018
PROJECT IDENTIF	<u>'ICATION</u>				
Task #: 02A Date: 6/13/2025 User: RDZ	State: County:	Colorado Delta		Abbreviation: Filename:	None M018-02a
Agency or orga	nization name:	RMS			
HOURLY EQUIPMI	ENT COST				
	t D8T - 8SU				
Horsepower: 310					
Blade Type: Ser Attachment: NA	mi-Universal		_		
	ber day				
	RG)		_		
Cost Breakdown:					
0 11 0 55		0150.00	<u>Utilization %</u>		
Ownership Cost/Hour:		\$173.32	NA		
Operating Cost/Hour:		\$109.71	100		
Ripper own. Cost/Hour:		\$0.00	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$38.59	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN T	\$321.62 \$643.23				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: <u>62,2</u> Swell factor: <u>1.00</u>	\$643.23 FITIES 296 00				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 62,2 Swell factor: 1.00 Loose volume: 62,2	\$643.23 FITIES 296 00 296 LCY				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: <u>62,2</u> Swell factor: <u>1.00</u> Loose volume: <u>62,2</u> Source of estimated volu	\$643.23 <u>FITIES</u> 296 00 296 LCY ume:Exhibit I				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 62,2 Swell factor: 1.00 Loose volume: 62,2	\$643.23 FITIES 296 00 296 LCY ume:Exhibit I				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: <u>62,2</u> Swell factor: <u>1.00</u> Loose volume: <u>62,2</u> Source of estimated volu	\$643.23 <u>FITIES</u> 296 00 296 LCY Ime: <u>Exhibit I</u> Il factor: <u>Cat Hanc</u>				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 62,2 Swell factor: 1.00 Loose volume: 62,2 Source of estimated volu 5000000000000000000000000000000000000	\$643.23 FITIES 296 00 296 LCY ume: Exhibit I Il factor: Cat Hand TION				
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 62,2 Swell factor: 1.00 Loose volume: 62,2 Source of estimated volu 62,2 Source of estimated volu swel HOURLY PRODUCT Average push distance:	\$643.23 FITIES 296 00 296 LCY ume: Exhibit I Il factor: Cat Hand TION 50 feet	dbook			
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Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 62,2 Swell factor: 1.00 Loose volume: 62,2 Source of estimated volu 62,2 Source of estimated volu 5000000000000000000000000000000000000	\$643.23 FITIES 296 00 296 LCY ume: Exhibit I Il factor: Cat Hand TION action: 1,400.0 LC scription: Compare -10 % 4,000 feet	dbook CY/hr acted fill or er	 mbankment 0.9		
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Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 62,2 Swell factor: 1.00 Loose volume: 62,2 Source of estimated volu Source of estimated volu Source of estimated swel MOURLY PRODUCT Average push distance: Unadjusted hourly produ Materials consistency de Average site altitude: Average site altitude: Material weight: Weight description: Job Condition Correction Operator Operator	\$643.23 FITTIES 296 200 296 LCY ume: Exhibit I Il factor: Cat Hand TION action: 50 feet inction: 1,400.0 LC scription: Compare -10 % -10 % 4,000 feet -2,900 lbs/LCY Sand and gravel - -1 Factor Skill: 0	dbook CY/hr acted fill or er Dry 0.750	Source (AVG.)		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 62,2 Swell factor: 1.00 Loose volume: 62,2 Source of estimated volu 5000000000000000000000000000000000000	\$643.23 FITTIES 296 200 296 LCY ume: Exhibit I 11 factor: Cat Hand TION action: 50 feet action: 1,400.0 LC scription: Compare	dbook CY/hr acted fill or er Dry 0.750 0.900	Source (AVG.) (CAT HB))		
Total Fleet Cost/Hour: MATERIAL QUANT Initial Volume: 62,2 Swell factor: 1.00 Loose volume: 62,2 Source of estimated volu 50 Source of estimated swel 62,2 MOURLY PRODUC' Average push distance: Unadjusted hourly produ Materials consistency de: Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator Material consist Dozing me	\$643.23 FITTIES 296 200 296 LCY ume: Exhibit I 11 factor: Cat Hand TION action: 50 feet action: 1,400.0 LC scription: Compare	dbook CY/hr acted fill or er Dry 0.750	Source (AVG.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.4789	
unit production: 67	0.46 LCY/hr	

Adjusted unit production:	670.46 LCY/hr
Adjusted fleet production:	1340.92 LCY/hr

Fleet size:	2 Dozer(s)
Unit cost:	\$0.480/LCY

Total job time:	46.46 Hours
Total job cost:	\$29,883

WHEEL LOADER - LOAD AND CARRY WORK

Task description:	Reclaim	banks of reserv	oir to 3:1			
Best Sand & Gra	vel Pit 1	Permit Acti	on: June 202:	5	Permit/Job	#: <u>M2019018</u>
PROJECT IDEN	FIFICATION					
Task #: 02B Date: 6/13/2)25	State: Color County: Delta	ado		Abbreviation: Filename:	
User: RDZ						
Agency or	organization nan	ne: DRMS				
HOURLY EQUI	MENT COST	[
Basic Machin	e: CAT 966H	high lift		Horse	power:	262
Attachment	1: ROPS Cab	•	_	Shift	Basis: 1	per day
				Data S	Source:	(CRG)
Cost Breakdown:						
			Utilizatio	on %		
Ownership C		\$57.78	NA 100			
Operating C Operator C		\$46.25 \$36.85	100 NA			
Total Unit C		\$140.88	INA			
Total Fleet (Cost/Hour:	\$140.88				
MATERIAL QUA	ANTITIES					
Initial volume:	24,889	CCY	/ Sw	ell factor:	.000	
Loose volume:	24,88				1.000	
	· · · · · · · · · · · · · · · · · · ·					
	rce of estimated of estimated swe		Handbook			
bouree			lundoook			
HOURLY PROD	UCTION					
Loader Cycle Time:	Unadjust	ed Basic Cycle T	ime (load, dum	p, maneuver)	0.500	minutes
Cycle Time I	actors				Factor (min.)	Source
M	aterial: No ad	justment - factor	not applicable (0.00	0.000	(Cat HB)
		justment - factor			0.000	(Cat HB)
Truck Own		justment - factor			0.000	(Cat HB)
		ljustment - factor			0.000	(Cat HB)
Dump 7	arget: No ad	justment - factor			0.000	(Cat HB)
			t Cycle Time A		0.000	minutes
		Ac	ljusted Basic C	ycie 1 ime:	0.500	minutes
Rolling Resistance –	Road Condition	<u>S</u>				
F	Iaul: Firm, sm	nooth, rolling, dir	t/lt. surfaced, w	atered, maint	ained 3.0	
		nooth, rolling, dir				
Haul and Return Tin	<u>ie</u>					
Haul and Return Tin		Grade Res	Rolling	Total Res	Travel Time	
Haul and Return Tin	Length	Grade Res. (%)	Rolling Res. (%)	Total Res. (%)	Travel Time (minutes)	Source
Haul and Return Tin Haul Route:		Grade Res. (%) 0.00	Rolling Res. (%) 3.00	Total Res. (%) 3.00	Travel Time (minutes) 0.0401	Source (Cat HB)

			Total Travel Tin Total Cycle Tin		0.0778 0.5778	minutes
Load Bucket Capacity						
Rated Capac		LCY (hea	• /			
Bucket Fill Fac		Sand and	gravel (95% - 100	0%) 0.975		
Adjusted Capac	rity: 4.88	LCY				
Job Condition Correct Site Altitude: <u>4000</u> fee						
		Source				
Altitude Adj:	1.00	(CAT HB	5)			
Job Efficiency:	0.83	(1 shift/da	y)			
Net Correction:	0.83	multiplier				
ι	Jnadjusted Hourly Un	it Production:	506.25	LCY/F	Iour	
	Adjusted Hourly Un	it Production:	420.19	LCY/H	Iour	
	Adjusted Hourly Fle	et Production:	420.19	LCY/F	Iour	
JOB TIME AND C	<u>OST</u>					
Fleet size:	1 Loader(s)	Total job time:		59.23	Hours

 Unit cost:
 \$0.335
 /LCY
 Total job cost:
 \$8,345

BULLDOZER WORK

Task description:			3:1		
Best Sand & Gravel	Pit 1 Per	mit Action:	June 2025	Permit/Job#:	M2019018
PROJECT IDENTIF	FICATION				
Task #: 02C Date: 6/13/2025 User: RDZ	State: County:	Colorado Delta		Abbreviation: Filename:	None M018-02c
Agency or orga	anization name: DI	RMS			
HOURLY EQUIPM	ENT COST				
	at D8T - 8SU				
Horsepower: 31					
Blade Type: Se Attachment: NA	mi-Universal				
	per day				
	(RG)				
<u>`</u> `)				
Cost Breakdown:		I	TT/11 / 0/		
Ownership Cost/Hour:		\$172.22	Utilization %		
Ownership Cost/Hour: Operating Cost/Hour:		\$173.32 \$109.71	<u>NA</u> 100		
Ripper own. Cost/Hour:		\$109.71	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$38.59	ŇA		
MATERIAL QUAN					
Initial Volume: 24,8	889				
Initial Volume: 24,8 Swell factor: 1.00	889 00				
Initial Volume:24,8Swell factor:1.00Loose volume:24,8	889 00 889 LCY				
Initial Volume: 24,8 Swell factor: 1.00 Loose volume: 24,8 Source of estimated volu	889 00 889 LCY 1me: _Exhibit L				
Initial Volume:24,8Swell factor:1.00Loose volume:24,8	889 00 889 LCY 1me: _Exhibit L				
Initial Volume: 24,8 Swell factor: 1.00 Loose volume: 24,8 Source of estimated volu Source of estimated swel	889 00 889 LCY 1me: <u>Exhibit L</u> 1l factor: <u>Cat Hanc</u>				
Initial Volume: 24,8 Swell factor: 1.00 Loose volume: 24,8 Source of estimated volu Source of estimated swe HOURLY PRODUC	889 00 889 LCY ume: <u>Exhibit L</u> 1l factor: <u>Cat Hand</u>				
Initial Volume: 24,8 Swell factor: 1.00 Loose volume: 24,8 Source of estimated volu Source of estimated swel HOURLY PRODUC	889 00 889 LCY ume: <u>Exhibit L</u> Il factor: <u>Cat Hand</u> TIION _50 feet	lbook			
Initial Volume: 24,8 Swell factor: 1.00 Loose volume: 24,8 Source of estimated volu Source of estimated swe HOURLY PRODUC	889 00 889 LCY ume: <u>Exhibit L</u> Il factor: <u>Cat Hanc</u> TION 50 feet	lbook			
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Initial Volume: 24,8 Swell factor: 1.00 Loose volume: 24,8 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ	889 00 889 LCY ume: <u>Exhibit L</u> 11 factor: <u>Cat Hand</u> TION 50 feet uction: <u>1,400.0 LC</u>	lbook Y/hr	 mbankment 0.9		
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Initial Volume: 24,8 Swell factor: 1.00 Loose volume: 24,8 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description:	889 00 889 LCY ame: Exhibit L and the second seco	lbook Y/hr heted fill or en			
Initial Volume: 24,8 Swell factor: 1.00 Loose volume: 24,8 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator	889 00 889 LCY ame: Exhibit L attraction: Cat Hand 2TION action: 50 feet action: 1,400.0 LC escription: Compa -10 % -10 % -10 % -300 feet 2,900 lbs/LCY Sand and gravel - n Factor 0	lbook Y/hr heted fill or en			
Initial Volume: 24,8 Swell factor: 1.00 Loose volume: 24,8 Source of estimated volu Source of estimated swe HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator Material consis	889 00 889 LCY ume: Exhibit L 11 factor: Cat Hand 2 Cat Hand 2 So feet uction: 1,400.0 LC escription: Compa -10 % -10 % 4,000 feet -2,900 lbs/LCY Sand and gravel - - r Factor 0 . Skill: 0	Ibook Y/hr icted fill or er Dry .750 .900	Source (AVG.) (CAT HB))		
Initial Volume: 24,8 Swell factor: 1.00 Loose volume: 24,8 Source of estimated volu Source of estimated swel HOURLY PRODUC Average push distance: Unadjusted hourly produ Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator Material consis Dozing mo	889 00 889 LCY ume: Exhibit L 11 factor: Cat Hand TION action: 50 feet 1,400.0 LC escription: Compa -10 % -10 % 4,000 feet -10 % 2,900 lbs/LCY Sand and gravel - n Factor · Skill: 0	Ibook Y/hr heted fill or en Dry .750	Source (AVG.)		

Task # 02C

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.4789	
Adjusted unit production: 67	0.46 LCY/hr	

Adjusted fleet production:	1340.92 LCY/hr

Fleet size:	2 Dozer(s)
Unit cost:	\$0.480/LCY

Total job time:	18.56 Hours
Total job cost:	\$11,939

TRUCK/LOADER TEAM WORK

Site: Best Sand & Gra	Site: Best Sand & Gravel Pit 1 Permit Action:					Permit/Job#: <u>M</u>	2019018
PROJECT IDEN	TIFICATION	[
Task #: 03A			Colora Delta	ado	Ab	breviation: No	
Date: $6/13/20$ User: RDZ	025			Filename: M0	18-03a		
	organization nar	ne: DRM	IS				
	-						
HOURLY EQUIE	PMENT COS	<u> </u>				sis: <u>1 per day</u>	
T	ruck Loader Tea	m Truck	1	Equipment Descri heric 12-18 cy, 6x4	•		
		-Loader:		T 966H high lift	1		
Suppo	ort Equipment -I		NA				
Road Ma	-Di intenance –Mot	ump Area: or Grader:	NA NA				
		ter Truck:		ter Tanker, 3,500	Gal.		
Cost Breakdown:	Tmult/La	ader Team		Support	Equipment	Maintanan	ce Equipment
Cost Breakdown.	Truck	Loader		Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100		100	NA	NA	NA	100
Ownership cost/hour:	\$27.14	\$5	7.78	NA	NA	NA	\$17.11
Operating cost/hour:	\$62.81	\$4	6.25	NA	NA	NA	\$36.79
%Utilization-riper:	NA		0	NA	NA	NA	NA
Ripper own. cost/hour:	NA		0.00	NA	NA	NA	\$0.00
Ripper op. cost/hour:	NA		0.00	NA	NA	NA	\$0.00
Operator cost/hour:	\$25.24		6.85	NA	NA	NA	\$0.00
Unit Subtotals:	\$115.19	\$14		NA	NA	NA	\$53.90
Number of Units:	3	A7(0.01	3	0	0	0	1
Group Subtotals:	Work:	\$768.21		Support:	\$0.00	Maint:	\$53.90
Total work team cost	t/hour: <u>\$822.11</u>	<u> </u>					
MATERIAL QUA	ANTITIES						
Initial volume:			CCY	Swell	factor: 1.429		
Loose volume:	12,48	85	LCY		Idet01. 1.429		
Sou	rce of estimated	volume:	DRM	IS estimate - 5 ac	. 13" deep.		
	of estimated swe			Handbook	, 10 uce p.		
	Material Purch	_	\$0.00				
	10	otal Cost:	\$0.00	J			
HOURLY PRO	DUCTION						
Truck Capacity:							
Truck Payload (weig							
Material w		,il		Pounds/LCY			
Descri Rated Pay				Pounds			
Payload Cap				LCY			

Struck Volume:		LCY				
Heaped Volume:		LCY				
Average Volume:		LCY				
Adjusted Volume:	18.00	LCY				
Final	Truck Volume	Based on Number	of Loader Passes.	15.75	LCY	
Loading Tool Capacity					Let	
			Buc	ket Size Class:	NA	
Rated Capacity:	5.000	LCY (heaped))			
Bucket Fill Factor:	1.050	Other - moist		10%) 1.050		
Adjusted Capacity:	5.250	LCY				
Job Condition Corrections	<u>:</u>	S	Site Altitude (ft.):	<u>4000</u> feet		
	Truck	Loader	Source			
Altitude Adj:	1.000	1.000	(CAT HE	3)		
Job Efficiency:	0.830	0.830	(CAT HE	3)		
Net Correction:	0.830	0.830				
			- 		2	
Loading Tool Cycle Time:	Number	of Loading Tool P	asses Required to	F111 I ruck:	3	passes
Excavators and Front Shove	els:					
		Pating: NA				
Machine Cycle Time v						
Machine Cycle Time v	vs. Job Condition within this Basic	e Rating: NA				
Machine Cycle Time v Selected Value	vs. Job Condition within this Basic Material Descri	e Rating: NA				
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.)	vs. Job Condition within this Basic Material Descri	c Rating: NA			00	
Machine Cycle Time v Selected Value Track Loaders –	vs. Job Condition within this Basic Material Descri	e Rating: NA		 Dump:0.10	00	
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.)	vs. Job Condition within this Basic Material Descri : 	e Rating: <u>NA</u> ption: aneuver: <u>NA</u>		Dump:0.1		inutes
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: <u>NA</u>	vs. Job Condition within this Basic Material Descri : 	e Rating: <u>NA</u> ption: aneuver: <u>NA</u>		Dump:0.1		inutes
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: <u>NA</u> Wheel and Track Loaders -	vs. Job Condition within this Basic Material Descri :	e Rating: <u>NA</u> ption: aneuver: <u>NA</u>	ime (load, dump, 1	Dump: 0.10	0.500 m	
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile:	vs. Job Condition within this Basic Material Descri : - Ma - Unadjusted Bas No adjustmen No adjustmen	c Rating: NA ption: aneuver: NA sic Loader Cycle T t - factor not applic t - factor not applic	ime (load, dump, 1 cable 0.00 cable 0.00	Dump: 0.10 naneuver): Factor (min.) 0.000 0.000	0.500 m)
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: <u>NA</u> Wheel and Track Loaders – <u>Cycle Time Factors</u> Material:	vs. Job Condition within this Basic Material Descri : - Ma - Unadjusted Bas No adjustmen No adjustmen	c Rating: NA ption: aneuver: NA sic Loader Cycle T t - factor not applic	ime (load, dump, 1 cable 0.00 cable 0.00	Dump: 0.1 naneuver): Factor (min.) 0.000	0.500 m Source (Cat HB))
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile:	 /s. Job Condition within this Basic Material Description Material Descriptinten Material Descriptinten Material	c Rating: NA ption: aneuver: NA sic Loader Cycle T t - factor not applic t - factor not applic t - factor not applic t - factor not applic	ime (load, dump, 1 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00	Dump: 0.10 naneuver): Factor (min.) 0.000 0.000	0.500 m Source (Cat HB) (Cat HB)	
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership:	 /s. Job Condition within this Basic Material Description Material Descriptinten Material Descriptinten Material	c Rating: NA ption:	ime (load, dump, 1 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00	Dump: 0.10 naneuver): Factor (min.) 0.000 0.000 0.000	0.500 m Source (Cat HB) (Cat HB) (Cat HB))))
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	 /s. Job Condition within this Basic Material Description Material Descriptinten Material Descriptinten Material	c Rating: NA ption:	ime (load, dump, 1 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00	Dump: 0.14 naneuver): Factor (min.) 0.000 0.000 0.000 0.000	0.500 m Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)	
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	 /s. Job Condition within this Basic Material Description Material Descriptinten Material Descriptinten Material	c Rating: NA ption: aneuver: NA sic Loader Cycle T t - factor not applic t - factor not applic t - factor not applic nt - factor not applic Net Cycle Ti	ime (load, dump, 1 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00	Dump:0.10 naneuver): Factor (min.) 0.000 0.000 0.000 0.000 0.000	0.500 m Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB))))
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	 /s. Job Condition within this Basic Material Description Material Descriptinten Material Descriptinten Material	c Rating: NA ption: aneuver: NA sic Loader Cycle T t - factor not applic t - factor not applic t - factor not applic t - factor not applic Net Cycle Ti Adjusted Loa	ime (load, dump, 1 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00	Dump: 0.10 naneuver): Factor (min.) 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.500 m Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB))))
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	 /s. Job Condition within this Basic Material Description Material Descriptinten Material Descriptinten Material	c Rating: NA ption: aneuver: NA sic Loader Cycle T t - factor not applic t - factor not applic t - factor not applic t - factor not applic Net Cycle Ti Adjusted Loa	ime (load, dump, 1 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00 ime Adjustment: der Cycle Time:	Dump: 0.10 naneuver): Factor (min.) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.500 m Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes)))
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target:	/s. Job Condition within this Basic Material Descri : 	c Rating: NA ption: aneuver: NA sic Loader Cycle T t - factor not applic t - factor not applic t - factor not applic t - factor not applic Net Cycle Ti Adjusted Loa	ime (load, dump, 1 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00 ime Adjustment: der Cycle Time: Time per Truck:	Dump: 0.10 naneuver): Factor (min.) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.500 m Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes	
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target:	 /s. Job Condition within this Basic Material Description Material Des	c Rating: NA ption: aneuver: NA sic Loader Cycle T t - factor not applic t - factor not applic t - factor not applic nt - factor not applic t - factor not applic Net Cycle Ti Adjusted Loa Net Load	ime (load, dump, i cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00 ime Adjustment: der Cycle Time: Time per Truck:	Dump: 0.10 maneuver): Factor (min.) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 1.100	0.500 m Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes	 Minute
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Exchange Time	 /s. Job Condition within this Basic Material Description Material Description<	c Rating: NA ption:	ime (load, dump, 1 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00 ime Adjustment: der Cycle Time: Time per Truck: Adjusted Adjusted	Dump:0.10 naneuver): Factor (min.) 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 1.100 for site altitude:	0.500 m Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes 0.500	
Machine Cycle Time v Selected Value Track Loaders – Cycle Time Elements (min.) Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Exchange Time Truck Load Time	 /s. Job Condition within this Basic Material Description Material Description Unadjusted Basic Unadjusted Basic No adjustmen 	c Rating: NA ption:	ime (load, dump, 1 cable 0.00 cable 0.00 cable 0.00 cable 0.00 cable 0.00 ime Adjustment: der Cycle Time: Time per Truck: Adjusted Adjusted	Dump: 0.10 maneuver):	0.500 m Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) 0.500 1.100 0.900	 Minutes

	Haul Rou	r							
	Seg #	Haul D (Ft)	istance	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)	
	1	1000.00)	0.00	3.00	3.00	2824	0.515	
						Haul Time:	0.515	minutes	
	Return Ro	oute:				=			
	Seg #	Haul D	istance	Grade (%)	Roll. Res	Total Res	Velocity	Travel	
		(Ft)			(%)	(%)	(fpm)	Time (min)	
	1	1000.00)	0.00	3.00	3.00	2874	0.383	
						Return Time:	0.383	minutes	
					Total Tru	ck Cycle Time:	3.398	minutes	
	ading Too Produ	ction	590.63	LCY/Hour		Adjusted for j	ob efficiency:	490.22	_ LCY/Hour
Truck	Unit Produ	iction	278.10	LCY/Hour		Adjusted for j	ob efficiency:	230.83	LCY/Hour
Optimal	l No. of Tr	ucks:	2	Truck(s)		Selected Num	ber of Trucks:	3	Truck(s)
					le truck/loade	k team productio er team productio er team productio	on: 490.	.22 LCY/H	lour
	JOB TIN	ME ANI	D COST						
	Fleet	size:	1	Team(s)	-	Fotal job time:	25.47	7 Hour	'S
	Unit	cost:	\$1.677	/LCY	,	Total job cost:	\$20,93	37	

BULLDOZER WORK

Task description:	Grade t	opson				
Best Sand & Gravel	Pit 1	Permit Ac	tion:	June 2025	Permit/Job#:	M2019018
PROJECT IDENTI	FICATION	I				
Task #: 03B		State: Cold	orado		Abbreviation:	None
Date: $\frac{63D}{6/13/2025}$		County: Delt			Filename:	M018-03b
User: RDZ			.u		<u> </u>	
Agency or orga	anization nar	ne: DRMS				
HOURLY EQUIPM	ENT COS	<u>r</u>				
	at D8T - 8SU	J				
1	<u>10</u>	1		_		
× 1	emi-Universa	1				
Attachment: <u>N</u> Shift Basis: 1						
	per day			_		
	CRG)					
Cost Breakdown:						
				Utilization %		
Ownership Cost/Hour:			3.32	NA		
Operating Cost/Hour:			9.71	100		
Ripper own. Cost/Hour:		•	0.00	NA		
Ripper op. Cost/Hour:			0.00	0		
Onoroton C+/II.		\$3	0.70	37.4		
Operator Cost/Hour: Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL OUAN	\$321.62 \$643.23	اري 	8.59	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: <u>8,7</u>	\$321.62 \$643.23 TITIES 39	رون 	8.59	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: <u>8,7</u> Swell factor: <u>1.0</u>	\$321.62 \$643.23 TITIES 39		8.59	NA		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volu	\$321.62 \$643.23 TITIES 39 00 39 LCY ume:	DRMS estimate				
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: <u>8,7</u> Swell factor: <u>1.0</u> Loose volume: <u>8,7</u>	\$321.62 \$643.23 TITIES 39 00 39 LCY ume:					
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volto Source of estimated swell	\$321.62 \$643.23 TITIES 39 00 39 LCY ume: ell factor:	DRMS estimate				
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volu	\$321.62 \$643.23 TITIES 39 00 39 LCY ume: ell factor:	DRMS estimate				
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volto Source of estimated swell	\$321.62 \$643.23 TITIES 39 00 39 LCY ume: ell factor: CTION	DRMS estimate				
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volu Source of estimated sweet HOURLY PRODUCT	\$321.62 \$643.23 TITIES 39 00 39 LCY ume: ell factor: CTION 50	DRMS estimate Cat Handbook				
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volt Source of estimated sweet HOURLY PRODUCE Average push distance:	\$321.62 \$643.23 TITIES 39 00 39 LCY ume: ell factor: CTION uction: 50 uction: 1,4	DRMS estimate Cat Handbook	e - 5 ac			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volt 8,7 Source of estimated sweet 8,7 HOURLY PRODUC Average push distance: Unadjusted hourly produced Materials consistency does	$ \frac{$321.62}{$643.23} $ TITIES 39 00 39 LCY ume: ell factor: 2 TION uction: 50 uction: 1,4	DRMS estimate Cat Handbook	e - 5 ac	, 13" deep		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volto 8,7 Source of estimated sweet 9,7 HOURLY PRODUC Average push distance: Unadjusted hourly product	\$321.62 \$643.23 TITIES 39 00 39 LCY ume: ell factor: CTION uction: 1,4	DRMS estimate Cat Handbook	e - 5 ac	, 13" deep		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volt Source of estimated swell HOURLY PRODUC Average push distance: Unadjusted hourly produce Materials consistency de Average push gradient:	\$321.62 \$643.23 TITIES 39 00 39 LCY ume: ell factor: 27IION uction:	DRMS estimate Cat Handbook feet 400.0 LCY/hr Compacted fi	e - 5 ac	, 13" deep		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volu 8,7 Source of estimated volu 8,7 Source of estimated volu 8,7 Average push distance: 9,7 Unadjusted hourly product 10,000 Average push distance: 10,000 Materials consistency de 10,000 Average push gradient: 10,000 Average push gradient: 10,000 Average site altitude: 10,000	$ \begin{array}{r} & \$321.62 \\ \hline \$643.23 \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \hline \hline \hline \\ \hline \hline$	DRMS estimate Cat Handbook 0 feet 400.0 LCY/hr Compacted fi et	e - 5 ac	, 13" deep		
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volt Source of estimated volt Source of estimated sweet HOURLY PRODUC Average push distance: Unadjusted hourly product Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction	\$321.62 \$643.23 TITIES 39 00 39 LCY ume: ell factor: 50 uction: escription:	DRMS estimate Cat Handbook	e - 5 ac			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volt Source of estimated volt Source of estimated sweet HOURLY PRODUC Average push distance: Unadjusted hourly produce Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator Operator	$ \begin{array}{r} & \$321.62 \\ \hline \$643.23 \\ \hline \\ \hline \\ \hline \\ \hline \\ \$643.23 \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \$643.23 \\ \hline \\ $	DRMS estimate Cat Handbook 0 feet 400.0 LCY/hr Compacted fi et 6/LCY 0.750	e - 5 ac			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volto Source of estimated volto Source of estimated volto Source of estimated sweet HOURLY PRODUCT Average push distance: Unadjusted hourly product Materials consistency dot Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator Material consist Operator	\$321.62 \$643.23 TITIES 39 00 39 LCY ume: ell factor: 200 39 LCY ume: ction: uction: sescription:	DRMS estimate Cat Handbook 0 feet 400.0 LCY/hr Compacted fi ct compacted fi ct 0.750 0.900	e - 5 ac			
Total unit Cost/Hour: Total Fleet Cost/Hour: MATERIAL QUAN Initial Volume: 8,7 Swell factor: 1.0 Loose volume: 8,7 Source of estimated volt Source of estimated sweet HOURLY PRODUC Average push distance: Unadjusted hourly product Materials consistency de Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator Material consist Dozing m	\$321.62 \$643.23 TITIES 39 00 39 LCY ume: ell factor: 200 39 LCY ume: ction: uction: sescription:	DRMS estimate Cat Handbook 0 feet 400.0 LCY/hr Compacted fi et 6/LCY 0.750	e - 5 ac			

Task # 03B

FT/DAY)
D-RF)
T HB)
T HB)
T HB)
AT)

Fleet size:	2 Dozer(s)
Unit cost:	\$0.265/LCY

Total job time:	3.59 Hours
Total job cost:	\$2,312

REVEGETATION WORK

Task desc	ription:	Seeding of reserv	oir banks a	nd other areas		<u> </u>
ite: Best Sa	nd & Gravel P	it 1 Peri	mit Action:	June 2025	Permit/Job	#: M2019018
PROJEC [*]	<u> IDENTIFIC</u>	CATION				
Task #	04	State:	Colorado		Abbreviation:	None
Date	6/13/2025	County:	Delta		Filename:	M018-04
User	RDZ					

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
			Total Fertilizer Materials	
			Cost/Acre	\$0.00

Application

Description	Cost /Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

Description	Cost /Acre
	\$
Total Tilling Cost/Acre	\$0.00

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Crested Wheatgrass - Fairway	1.50	6.89	\$8.74
Yellow Sweet Clover - Madrid	1.50	8.95	\$6.79
Streambank Wheatgrass - Sodar	3.00	9.78	\$24.91
Thickspike Wheatgrass - Critana	3.00	10.61	\$24.45
Saltbush, Four Wing	0.25	0.34	\$4.97
Sumac, Skunkbrush	0.25	0.12	\$11.28
Rabbitbrush, Douglas	0.25	3.73	\$10.24
Totals Seed Mix	9.75	40.42	\$91.38

Application

Description		Cost /Acre
Drill seeding (MEANS 32 92 19.13 0020)		\$485.00
	Total Seed Application Cost/Acre	\$485.00

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
Total Mulch Materials Cost/Acre				\$985.56

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$85.37
	Total Mulch Application Cost/Acre	\$85.37

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

No. of Acres: Estimated Failure Rate:	30%	Cost /Acre: Cost /Acre*:	
*Selected Replanting Work Items: Initial Job Cost: \$8,236.55	SEEDING,MULCHING		

miniai Job Cost.	\$0,230.33
Reseeding Job Cost:	\$2,470.97
Total Job Cost:	\$10,708
Job Hours:	10.00

DEMOLITION WORK

	ask description: Best Rock Sand & Grav		Permit Action:	ions for scale an		
Site:	1			June 2025	Permit/.	Job#: <u>M2019018</u>
	<u>CT IDENTIFICATIO</u>	<u>N</u>				
PROJEC Task #:		<u>N</u> State:	Colorado		Abbreviation:	None
					Abbreviation: Filename:	None M018-05

UNIT COSTS

Location adjustment: 89.80 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Slab under office porch	8' x 40'	Floor, concrete, demolition only, average reinforcing - 12 in. thick	320.00	SF	\$2.21	\$705.66
Blocks under scale (4)	4'x13'x1.5'	Footing, concrete, average reinforcing - 2.0 ft. x 3 ft.	52.00	LF	\$13.23	\$688.02
Haul concrete 10 miles	23 CY	Hauling only, per mile, 12-18 CY truck - 30 mph average speed	10.00	MI	\$10.14	\$101.41
Dump fee for concrete	23 CY	Dump fees - Building construction materials.	23.00	CY	\$11.10	\$255.30

				Total Cost	
		Subtotal		(adjusted for	
Job Hours:	20.00	(unadjusted):	\$1,750.39	location):	\$1,571.85

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description	: <u>Mo</u>	bilize/Demob. Eq	uipment				
e: Best Sand &	Gravel Pit 1	Permit	Action: June	2025	·	Permit/Job#: <u>M</u>	12019018
PROJECT IDE	NTIFICATI	<u>ON</u>					
Task #: 06		State: Co	olorado		Abbre	eviation: None	
Date: 6/1 User: RI	7/2025 DZ	County: De	elta		F	ilename: M018	3-06
Agency	or organization	n name: DRMS					
EQUIPMENT '	FRANSPOR	<u>T RIG COST</u>					
					Shift ba Cost Data Sou		
Truc	k Tractor Desc	ription: GENE	RIC ON-HIGH		UCK TRACTO (2ND HALF,	OR, 6X4, DIESEI 2006)	L POWERED,
Truc	ck Trailer Desc	ription: G		ING GOO		ROP DECK EQU	IPMENT
Cost Breakdown:					•		
Available Rig (Capacities	0-25 Tons	26-50 Tons	51-	+ Tons		
	p Cost/Hour:	\$10.44	\$22.18		23.94		
	g Cost/Hour:	\$26.48	\$54.55		55.65		
		\$22.52	\$22.52		22.52		
Helper Cost/Hour:		\$0.00	\$23.53		23.53		
Total Uni	it Cost/Hour:	\$59.44	\$122.78	\$1	25.64		
NON ROADAE	<u>BLE EQUIPN</u>	<u>MENT:</u>					
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	47.71	\$173.32	\$122.78	2	\$592.20	\$245.56	\$500.00
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	1	\$100.46	\$59.44	\$250.00
CAT 966H high lift	25.80	\$57.78	\$59.44	1	\$117.22	\$59.44	\$250.00

Subtotals: \$809.88 \$364.44 \$1,000.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Generic 12-18 cy, 6x4	\$115.19	3	\$345.57	\$345.57
Water Tanker, 3,500 Gal.	\$53.90	1	\$53.90	\$53.90
Light Duty Pickup, 4x2, 1/2 T.	\$13.05	1	\$13.05	\$13.05
		Subtotals:	\$412.52	\$412.52

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	DELTA 1.00 45.00	_ miles _ mph
Total Non-Roadable Mob/Demob Cost *	\$3,671.95	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$18.33	_

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.02	0.02
Return Time (Hours):	0.02	0.02
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.04	0.04

JOB TIME AND COST

Total job time: **2.09** Hours

Total job cost: \$3,690