

October 18, 2023

Keith Holsinger Keith Holsinger P.O. Box 37 Walden, CO 80480

Re: Holsinger Gravel Pit - File No. M-1980-052 Keith Holsinger Surety Increase (SI-4) Revised Surety Increase to \$22,540

Dear Keith Holsinger:

On October 18, 2023 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$22,540.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$2,540.00.

The Division ordered amendment of the current Financial Warranty, or submittal of a new Financial Warranty reflecting the increase, within 60 days from the date of this letter (October 18, 2023).

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 (8148), 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 after December 17, 2023, if the amount of any increased Financial Warranty has not been provided.

Bond Held:	\$20,000.00
Prior Liability:	\$20,000.00
Change in Liability:	\$2,540.00
Revised Liability:	\$22,540.00
Prior Permit Acreage:	9.90
Change in Permit Acreage:	0.00



Revised Permit Acreage:	9.90
Prior Affected Acreage:	9.90
Change in Affected Acreage:	0.00
Revised Affected Acreage:	9.90

If you have any questions, please contact me by telephone at (303) 866-3567 x 8176, or by email at Hunter.ridley@state.co.us.

Sincerely,

Humber Ridley

Hunter C. Ridley Environmental Protection Specialist

M-GR-04

COST SUMMARY WORK

Т	ask description:	Created post inspection 202.	3			
Site:	Holsinger Gravel Pit	Permit Action:	2023 Insp		Permit/Job	#: <u>M1980052</u>
PI	ROJECT IDENTIFIC	CATION				
	Task #: HCR Date: 10/17/2023 8:23:24 AM User: HR1 Agency or organi	State: Colorado County: Jackson		#	Abbreviation: Filename:	None M052-HCR
T	ASK LIST (DIRECT					
Task			Form	Fleet	Task Hours	Cost
001	DescriptionBackfill 2:1 slopes to	3.1	Used TRUCK1	Size	16.91	\$4,353
001	Replace topsoil @ 12		TRUCK1	1	33.95	\$8,739
003	Seeding current distur		REVEGE	1	5.00	\$1,676
004	Mob/Demob		MOBILIZE	1	9.33	\$2,161
	DIRECT COSTS	_			1	1
<u>0</u>	/ERHEAD AND PROFI	<u>T:</u>				
	Liability insuran				Total = \$3	
	Performance bo					78
	Job superintende	ent: 35.72 ofit: 10.00				, <u>325</u> ,693
	FIC	·iii. 10.00		TOTAI		,537
		CONTR	RACT AMOUNT			1,466
LE	GAL - ENGINEERING	- PROJECT MANAGEMENT:				
	Financial warranty pro	ocessing (legal/related costs):	\$0		Total = \$0)
		d/or contract/bid preparation:	0.00 5.00	-	$Total = \frac{\$0}{\$1}$,073
		CONTINGENCY:	0.00		Total = \$0	1
			TOTAL II	NDIRECT	T COST = 5	,611

TOTAL BOND AMOUNT (direct + indirect) = ____\$22,540

TRUCK/LOADER TEAM WORK

Task description:		2:1 slopes to 3:1				
Site: Holsinger Gravel	Pit	Permit Action	on: 2023 Insp]	Permit/Job#: <u>M</u>	1980052
PROJECT IDEN	TIFICATION	[
Task #: 001		State: Colora	ado	Ab	breviation: No	ne
Date: 10/17/2	2023	County: Jackso	on		Filename: 001	
User: HR1						
Agency or	organization nar	ne: DRMS				
HOURLY EQUIE	PMENT COST	<u>Γ</u>		Shift bas	is: <u>1 per day</u>	
]	Equipment Descri	ption		
Ti	ruck Loader Tea		eric 15-18 cy, 6x4	4		
Suppo	ort Equipment -L		Г 938Н			
Suppo		ump Area: NA				
Road Ma	intenance – Mot	or Grader: NA				
	-Wa	ter Truck: NA				
Cost Breakdown:	Truck/Lo	ader Team	Support	Equipment	Maintenan	ce Equipment
<u>Cost Di Cakdown</u> .	Truck	Loader	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	NA	NA	NA	NA
Ownership cost/hour:	\$32.13	\$43.90	NA	NA	NA	NA
Operating cost/hour:	\$73.27	\$34.86	NA	NA	NA	NA
%Utilization-riper:	NA	0	NA	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Operator cost/hour:	\$32.54	\$40.71	NA	NA	NA	NA
Unit Subtotals:	\$137.94	\$119.47	NA	NA	NA	NA
Number of Units:	1	1	0	0	0	0
Group Subtotals:	Work:	\$257.41	Support:	\$0.00	Maint:	\$0.00
Total work team cost	t/hour: <u>\$257.41</u>	<u> </u>				
MATERIAL QUA	<u>ANTITIES</u>					
Initial volume:	3,700	CCY		factor: <u>1.000</u>		
Loose volume:	3,70	0 LCY				
	rce of estimated			on, Mining & Safe	ety	
Source	of estimated swe Material Purch		Handbook			
		otal Cost: \$0.00				
HOURLY PRO	DUCTION					
Truck Capacity:						
Truck Payload (weig						
Motorial m	eight: 2,550		Pounds/LCY			
Material w	ntion: Easth	Dry peaked				
Descri Rated Pay		Dry packed	Pounds			

Struck Volume:	15.00	LCY				
Heaped Volume:		LCY				
Average Volume:		LCY				
Adjusted Volume:		LCY				
	10000	201				
Final	Truck Volume	Based on Number of	Loader Passes:	15.21	LCY	
Loading Tool Capacity						
			Buc	ket Size Class: N	IA	
Rated Capacity:	3.900	LCY (heaped)				_
Bucket Fill Factor:	0.975		- uniform aggreg	ates to 1/8" (95-100)%) 0 975	_
Adjusted Capacity:	3.803	LCY	uniform uggrog		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_
		c.	· • • • • • • • • • • • • • • • • • • •			
Job Condition Corrections:	-		te Altitude (ft.):			
A 14:41- J - A J:.	Truck	Loader	Source			
Altitude Adj:	0.970	<u> </u>	(CAT HE	,		
Job Efficiency:	0.830	0.830	(CAT HE)		
Net Correction:	0.805	0.830				
Looding Tool Cycle Times	Numb	of Loading Tool De	Dog Dogwind to	Fill Travels	1	206625
Loading Tool Cycle Time:		of Loading Tool Pas	sses Required to		1	passes
Excavators and Front Shovel	<u>s:</u>					
Machine Cycle Time vs Selected Value v						
Track Loaders –	Material Descri	intion.				
Track Loaders – Cycle Time Elements (min):		iption:				
Cycle Time Elements (min.):				 Dump: 0.100)	
		iption:		Dump:0.100)	
Cycle Time Elements (min.):	M	aneuver: NA	ne (load, dump, 1	1) 0.483 min	utes
Cycle Time Elements (min.): Load: NA	M	aneuver: NA	ne (load, dump, 1	1		utes
Cycle Time Elements (min.): Load: NA Wheel and Track Loaders -	 Unadjusted Ba	aneuver: NA	ne (load, dump, 1	maneuver): 0	.483 min	utes —
Cycle Time Elements (min.): Load: <u>NA</u> Wheel and Track Loaders - Cycle Time Factors	 Unadjusted Ba	aneuver: NA sic Loader Cycle Tin	ne (load, dump, 1	maneuver): 0 Factor (min.)	0.483 min Source	utes
Cycle Time Elements (min.): Load: <u>NA</u> Wheel and Track Loaders - Cycle Time Factors Material:	 Unadjusted Ba Material up to Dumped by tr Independently	aneuver: NA sic Loader Cycle Tin 0 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04	ne (load, dump, 1	maneuver):0 Factor (min.) 0.020	.483minSource(Cat HB)(Cat HB)(Cat HB)	utes
Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	Material up to Dumped by to Independently Constant open	aneuver: NA sic Loader Cycle Tin 0 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04	ne (load, dump, 1	maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040	.483minSource(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)	utes
Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership:	 Unadjusted Ba Material up to Dumped by tr Independently	aneuver: NA sic Loader Cycle Tin 0 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04 et 0.00		maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040 0.000	.483minSource(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)	utes
Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	Material up to Dumped by to Independently Constant open	aneuver: NA sic Loader Cycle Tin 0 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04 et 0.00 Net Cycle Tim	ne Adjustment:	maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040	Source(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)minutes	utes
Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	Material up to Dumped by to Independently Constant open	laneuver: NA sic Loader Cycle Tin 0 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04 et 0.00 Net Cycle Tim Adjusted Loade	ne Adjustment: er Cycle Time:	maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523	.483 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes	utes
Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	Material up to Dumped by to Independently Constant open	laneuver: NA sic Loader Cycle Tin 0 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04 et 0.00 Net Cycle Tim Adjusted Loade	ne Adjustment:	maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040	Source(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)minutes	utes
Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	Material up to Dumped by to Independently Constant open	laneuver: NA sic Loader Cycle Tin 0 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04 et 0.00 Net Cycle Tim Adjusted Loade	ne Adjustment: er Cycle Time:	maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523	.483 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes	utes
Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target:	M Unadjusted Ba Material up to Dumped by tr Independently Constant oper Nominal targe	laneuver: NA sic Loader Cycle Tin 0 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04 et 0.00 Net Cycle Tim Adjusted Loade	ne Adjustment: er Cycle Time: ime per Truck:	maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523	.483 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes	
Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Cycle Time:	Material up to Dumped by tr Independently Constant oper Nominal targe	laneuver: NA sic Loader Cycle Tin o 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04 et 0.00 Net Cycle Tim Adjusted Loade Net Load Ti	ne Adjustment: er Cycle Time: ime per Truck: Adjusted	maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523 1.668	0.483 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes minutes	
Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Exchange Time:	 Unadjusted Ba Material up to Dumped by tr Independently Constant oper Nominal targe	laneuver: NA sic Loader Cycle Tin o 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04 et 0.00 Net Cycle Tim Adjusted Loade Net Load Ti Minutes	ne Adjustment: er Cycle Time: ime per Truck: Adjusted Adjusted	maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523 1.668 for site altitude:	0.483 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes 0.515	utes — — — — — — — — — — — — —
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:	 Unadjusted Ba Material up to Dumped by tr Independently Constant oper Nominal targe	laneuver: NA sic Loader Cycle Tin o 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04 et 0.00 Net Cycle Tim Adjusted Loade Net Load Ti Minutes Minutes	ne Adjustment: er Cycle Time: ime per Truck: Adjusted Adjusted	maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523 1.668 for site altitude: for site altitude:	0.483 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes minutes 0.515 1.668	 Minute:
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:	 Unadjusted Ba Material up to Dumped by tr Independently Constant oper Nominal targo Nominal targo : 0.50 : 1.668 : 0.90	laneuver: NA sic Loader Cycle Tin o 1/8" diameter 0.02 ruck 0.02 y owned trucks 0.04 ration -0.04 et 0.00 Net Cycle Tim Adjusted Loade Net Load Ti Minutes Minutes Minutes	ne Adjustment: er Cycle Time: ime per Truck: Adjusted Adjusted Adjusted	maneuver): 0 Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523 1.668 for site altitude: for site altitude:	0.483 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) 0.515 1.668 0.928	 Minute

Haul Route			C = 1 (0(1))	D 11 D	T (1)	X7 1 ·	Travel	
Seg #	Haul Dist (Ft)	ance	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Time (min)	
1	200.00		0.00	3.00	3.00	2800	0.248	
					Haul Time:	0.248	minute	es
Return Ro			1		1			_
Seg #	Haul Dist	ance	Grade (%)	Roll. Res	Total Res	Velocity	Travel	
	(Ft)			(%)	(%)	(fpm)	Time (min)	
1	200.00		0.00	3.00	3.00	2949	0.103	
					Return Time:	0.103	minu	ites
				Total Tru	ck Cycle Time:	3.462	minu	ites
Loading Tool	unit							
Produc		418.06	LCY/Hour		Adjusted for j	ob efficiency:	346.99	LCY/Hour
Truck Unit Produc	ction							
		263.62	LCY/Hour		Adjusted for j	ob efficiency:	218.80	LCY/Hour
Optimal No. of Tru	ucks:	2	Truck(s)		Selected Num	ber of Trucks:	1	Truck(s)
			Adjuste	d hourly truc	k team production	on: 218	.80 LO	CY/Hour
			Adjusted sing	le truck/loade	er team production	on: 218	.80 LO	CY/Hour
			Adjusted multip	le truck/loade	er team production	on: 218	.80 LO	CY/Hour
JOB TIN	IE AND	COST						
Fleet s	ize:	1	Team(s)	r	Fotal job time:	16.9	11	Hours
Unit c	ost:	\$1.176	/LCY		Total job cost:	\$4,35	3	

TRUCK/LOADER TEAM WORK

Task description:	Replace	topsoil @ 12 in				
Site: Holsinger Gravel	Pit	Permit Acti	on: 2023 Insp		Permit/Job#: <u>M</u>	1980052
PROJECT IDEN	TIFICATION	<u>I</u>				
Task #: 002 Date: 10/17/ User: HR1	2023	State: Color County: Jackso		Ab	breviation: No Filename: 002	
	organization nor	ne: DRMS				
	organization nar					
HOURLY EQUI	PMENT COST	<u> </u>		Shift bas	is: <u>1 per day</u>	
			Equipment Descri	*		
T	ruck Loader Tea		neric 15-18 cy, 6x4 T 938H	4		
Suppo	ort Equipment -L					
		ump Area: NA				
Road Ma	intenance – Mot	or Grader: NA ater Truck: NA				
	- ••• 2	uel Huck. NA				
Cost Breakdown:	Truck/Loa	ader Team	Support l	Equipment	Maintenan	ce Equipment
	Truck	Loader	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	NA	NA	NA	NA
Ownership cost/hour:	\$32.13	\$43.90	NA	NA	NA	NA
Operating cost/hour:	\$73.27	\$34.86	NA	NA	NA	NA
%Utilization-riper:	NA	0	NA	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	NA	NA	NA	NA
Operator cost/hour:	\$32.54	\$40.71	NA	NA	NA	NA
Unit Subtotals:	\$137.94	\$119.47	NA	NA	NA	NA
Number of Units:	1	1	0	0	0	0
Group Subtotals:	Work:	\$257.41	Support:	\$0.00	Maint:	\$0.00
Total work team cos	t/hour: <u>\$257.41</u>	<u> </u>				
MATERIAL QUA	<u>ANTITIES</u>					
Initial volume:	8,000	CCY		factor: <u>1.000</u>		
Loose volume:	8,00	0 LCY	7			
	rce of estimated		sion of Reclamation	on, Mining & Safe	ety	
Source	of estimated swe		Handbook			
	Material Purch	ase Cost: \$0.0 otal Cost: \$0.0				
	1	<u>+0.0</u>	-			
HOURLY PRO	DUCTION					
Truck Capacity:						
Truck Payload (weig						
Material w		••	Pounds/LCY			
Descri Rated Pay			Pounds			
Payload Cap			LCY			
r uj roud Oup						

TT 1 T7 1	15.00	LCY				
Heaped Volume:	18.00	LCY				
Average Volume:	16.50	LCY				
Adjusted Volume:	18.00	LCY				
Final	Truck Volum	e Based on Number o	of Loader Passes:	16.38	LCY	
Loading Tool Capacity						
			Bucl	ket Size Class: N	JA	
Rated Capacity:	3.900	LCY (heaped)				
Bucket Fill Factor:	1.050	Moist loam or s	sandy clay (100%	- 110%) 1.050		_
Adjusted Capacity:	4.095	LCY				_
Job Condition Corrections:	-	S	ite Altitude (ft.): 8	<u>3000</u> feet		
	Truck	Loader	Source			
Altitude Adj:	0.970	1.000	(CAT HE	3)		
Job Efficiency:	0.830	0.830	(CAT HE	3)		
Net Correction:	0.805	0.830				
• • • • • • •						
Loading Tool Cycle Time:	Numbe	er of Loading Tool Pa	asses Required to	Fill Truck:	4 1	passes
Excavators and Front Shovel	<u>s:</u>					
Machine Cycle Time vs	.					
	Lob Conditi	on Rating NA				
Selected Value v	vithin this Bas	sic Rating: NA				
Selected Value v Track Loaders –	vithin this Bas	sic Rating: NA				
Selected Value v Track Loaders –	vithin this Bas	sic Rating: NA				
Selected Value v	vithin this Bas Material Desc	sic Rating: NA		 Dump:0.10	0	
Selected Value v Track Loaders – Cycle Time Elements (min.):	vithin this Bas Material Desc I	sic Rating: NA cription: Maneuver: NA	me (load, dump, r		0 0.483 min	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: <u>NA</u> Wheel and Track Loaders -	vithin this Bas Material Desc I	sic Rating: NA cription: Maneuver: NA	me (load, dump, r	naneuver):().483 min	utes
Selected Value v Track Loaders – 2 Cycle Time Elements (min.): Load: <u>NA</u>	vithin this Bas Material Desc I	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Ti	me (load, dump, r			utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: <u>NA</u> Wheel and Track Loaders - Cycle Time Factors	vithin this Bas Material Desc – Unadjusted B	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Ti rial 0.02	me (load, dump, r	naneuver): (Factor (min.)	0.483 min Source	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: <u>NA</u> Wheel and Track Loaders - <u>Cycle Time Factors</u> Material:	vithin this Bas Material Desc - Unadjusted B <u>Mixed mate</u> Dumped by	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Ti rial 0.02		naneuver):(Factor (min.) 0.020	0.483 min Source (Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile:	vithin this Bas Material Desc - Unadjusted B <u>Mixed mate</u> Dumped by Independent	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Tir rial 0.02 truck 0.02		naneuver):(Factor (min.) 0.020 0.020	0.483 minu Source (Cat HB) (Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership:	vithin this Bas Material Desc - Unadjusted B <u>Mixed mate</u> Dumped by Independent	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Tir rial 0.02 truck 0.02 tly owned trucks 0.04 eration -0.04 get 0.00		maneuver):(Factor (min.) 0.020 0.020 0.040	.483 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	vithin this Bas Material Desc Unadjusted B Mixed mater Dumped by Independent Constant op	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Ti rial 0.02 truck 0.02 tly owned trucks 0.04 eration -0.04 get 0.00 Net Cycle Tir	ne Adjustment:	naneuver):(Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040	.483 min Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	vithin this Bas Material Desc Unadjusted B Mixed mater Dumped by Independent Constant op	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Ti rial 0.02 truck 0.02 tly owned trucks 0.04 eration -0.04 get 0.00 Net Cycle Tin Adjusted Load	ne Adjustment: ler Cycle Time:	naneuver):(Factor (min.) 0.020 0.020 0.040 -0.040 0.000	N.483minuteSource(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)(Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation:	vithin this Bas Material Desc Unadjusted B Mixed mater Dumped by Independent Constant op	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Ti rial 0.02 truck 0.02 tly owned trucks 0.04 eration -0.04 get 0.00 Net Cycle Tin Adjusted Load	ne Adjustment:	naneuver):(Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040	0.483 minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target:	vithin this Bas Material Desc Unadjusted B Mixed mater Dumped by Independent Constant op	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Ti rial 0.02 truck 0.02 tly owned trucks 0.04 eration -0.04 get 0.00 Net Cycle Tin Adjusted Load	ne Adjustment: ler Cycle Time:	naneuver): Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523	0.483 minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)	utes
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target:	vithin this Bas Material Desc Unadjusted B Mixed mater Dumped by Independent Constant op Nominal tar	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Ti rial 0.02 truck 0.02 tly owned trucks 0.04 eration -0.04 get 0.00 Net Cycle Tin Adjusted Load	me Adjustment: ler Cycle Time: Time per Truck:	naneuver): Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523	0.483 minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)	
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders - Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Cycle Time:	vithin this Bas Material Desc 	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Tir rial 0.02 truck 0.02 tly owned trucks 0.04 eration -0.04 get 0.00 Net Cycle Tir Adjusted Load Net Load T	ne Adjustment: ler Cycle Time: Time per Truck:	naneuver):(Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523 1.668	0.483 minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes	
Selected Value v 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:	Vithin this Bas Material Desc Material Desc Unadjusted B Mixed mater Dumped by Independent Constant op Nominal tar 0.50 1.668	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Tir rial 0.02 truck 0.02 tly owned trucks 0.04 eration -0.04 get 0.00 Net Cycle Tir Adjusted Load Net Load T Minutes	ne Adjustment: ler Cycle Time: Time per Truck: Adjusted Adjusted	naneuver):(Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523 1.668	0.483 minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes 0.515	utes — — — — — — — Minute — Minute
Selected Value v Track Loaders – Cycle Time Elements (min.): Load: NA Wheel and Track Loaders – Cycle Time Factors Material: Stockpile: Truck Ownership: Operation: Dump Target: Truck Cycle Time: Truck Exchange Time: Truck Load Time:	vithin this Bas Material Desc Material Desc Unadjusted B Mixed mater Dumped by Independent Constant op Nominal tar 0.50 1.668 0.90	sic Rating: NA cription: Maneuver: NA Basic Loader Cycle Tir rial 0.02 truck 0.02 tly owned trucks 0.04 eration -0.04 get 0.00 Net Cycle Tir Adjusted Load Net Load T Minutes Minutes Minutes	me Adjustment: ler Cycle Time: Time per Truck: Adjusted Adjusted Adjusted	naneuver): (Factor (min.) 0.020 0.020 0.040 -0.040 0.000 0.040 0.523 1.668 for site altitude: for site altitude:	0.483 minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) 0.515 1.668 0.928	 Minute

Haul Rout	e:							_
Seg #		Distance	Grade (%)	Roll. Res	Total Res	Velocity	Travel Time	
	(Ft)			(%)	(%)	(fpm)	(min)	
1	200.00		0.00	3.00	3.00	2800	0.248	
					Haul Time:	0.248	minute	28
Return Ro					-			
Seg #		Distance	Grade (%)	Roll. Res	Total Res	Velocity	Travel	
	(Ft)			(%)	(%)	(fpm)	Time (min)	
1	200.00		0.00	3.00	3.00	2949	0.103	
					Return Time:	0.103	minu	ites
				Total Tru	ck Cycle Time:	3.462	minu	ites
Loading Tool	l unit							
Produ		450.21	LCY/Hour		Adjusted for j	ob efficiency:	373.68	LCY/Hour
Truck Unit Produce	ction					-		
	_	283.90	LCY/Hour		Adjusted for j	ob efficiency:	235.64	LCY/Hour
Optimal No. of Tru	ucks:	2	Truck(s)		Selected Num	ber of Trucks:	1	Truck(s)
			Adjuste	d hourly truc	k team production	on: 235	.64 LO	CY/Hour
					er team production			CY/Hour
			Adjusted multip	le truck/loade	er team production	on: 235	.64 LO	CY/Hour
IOD TIN	ATT AND	D COST						
<u>JOB TIN</u>	IL AN	0 0051						
Fleet s	size:	1	Team(s)]	Fotal job time:	33.9	5	Hours
Unit c	cost:	\$1.092	/LCY	,	Total job cost:	\$8,73	9	

REVEGETATION WORK

Task descr	ption:	Seeding current dis	sturbance		
Site: Holsing	te: Holsinger Gravel Pit		Permit Action: 2023 Insp		b#: <u>M1980052</u>
PROJEC1	<u>' IDENTIFIC</u>	ATION			
Task #:	003		Colorado	Abbreviation:	None
Date:	10/17/2023 8:25:29 AM	2	ackson	Filename:	M052-003

FERTILIZING

Materials

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

Application

Description	Cost /Acre
	\$
Total Fartilizer Application Cost/A	
Total Fertilizer Application Cost/A	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
Russian Wildrye - VNS	8.00	32.14	\$47.36
Totals Seed Mix	8.00	32.14	\$47.36

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$232.00

Total Seed Application Cost/Acre

e \$232.00

MULCHING and MISCELLANEOUS

Materials

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

Application

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

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

Estimate *Selected Replanti	No. of Acres: ed Failure Rate:	20%	Cost /Acre: Cost /Acre*:	
Initial Job Cost: Reseeding Job Cost:	\$1,396.80	SEEDING		
Total Job Cost: Job Hours:	\$1,676			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Holsinger Gravel Pit	Permi	t Action: 2023 I	nsp F	ermit/Job#	: M1980052
PROJECT IDENTIFICATI	ON				
Task #: 004	State: C	Colorado	Abbre	viation:	None
Date: 10/17/2023 8:25:56 AM	County: J	ackson	Fil	lename:	M052-004
User: HR1					
Agency or organization	n name: DRM	S			
EQUIPMENT TRANSPOR	T RIG COST				
			01.10.1		1
				sis: <u>1</u>	
			Shift bas Cost Data Sour		per day RG Data
Truck Tractor Desc	ription: GEN	ERIC ON-HIGHV	Cost Data Sour	ce: CR	RG Data
Truck Tractor Desc	ription: GEN	ERIC ON-HIGHV	Cost Data Sour	ce: <u>CR</u> 0R, 6X4, DI	RG Data
	-		Cost Data Sour VAY TRUCK TRACTO 400 HP (2ND HALF, 2	ce: <u>CR</u> PR, 6X4, DI 2006)	G Data
Truck Tractor Desc Truck Trailer Desc	-	GENERIC FOLD	Cost Data Sour VAY TRUCK TRACTO 400 HP (2ND HALF, 2 NG GOOSENECK, DR	ce: <u>CR</u> PR, 6X4, DI 2006) OP DECK	G Data
Truck Trailer Desc	-	GENERIC FOLD	Cost Data Sour VAY TRUCK TRACTO 400 HP (2ND HALF, 2	ce: <u>CR</u> PR, 6X4, DI 2006) OP DECK	G Data
	-	GENERIC FOLD	Cost Data Sour VAY TRUCK TRACTO 400 HP (2ND HALF, 2 NG GOOSENECK, DR	ce: <u>CR</u> PR, 6X4, DI 2006) OP DECK	G Data
Truck Trailer Desc Cost Breakdown:	-	GENERIC FOLD	Cost Data Sour VAY TRUCK TRACTO 400 HP (2ND HALF, 2 NG GOOSENECK, DR	ce: <u>CR</u> PR, 6X4, DI 2006) OP DECK	G Data
Truck Trailer Desc	ription: C	GENERIC FOLDI T	Cost Data Sour VAY TRUCK TRACTO 400 HP (2ND HALF, 2 NG GOOSENECK, DR RAILER (25T, 50T, AN	ce: <u>CR</u> PR, 6X4, DI 2006) OP DECK	G Data
Truck Trailer Desc <u>Cost Breakdown:</u> Available Rig Capacities Ownership Cost/Hour:	0-25 Tons	GENERIC FOLDI T 26-50 Tons	Cost Data Sour VAY TRUCK TRACTO 400 HP (2ND HALF, 2 NG GOOSENECK, DR RAILER (25T, 50T, AN 51+ Tons	ce: <u>CR</u> PR, 6X4, DI 2006) OP DECK	G Data
Truck Trailer Desc Cost Breakdown: Available Rig Capacities	0-25 Tons \$20.26	GENERIC FOLDI T 26-50 Tons \$36.04	Cost Data Sour VAY TRUCK TRACTO 400 HP (2ND HALF, 2 NG GOOSENECK, DR RAILER (25T, 50T, AN 51+ Tons \$47.05	ce: <u>CR</u> PR, 6X4, DI 2006) OP DECK	G Data
Truck Trailer Desc <u>Cost Breakdown:</u> <u>Available Rig Capacities</u> Ownership Cost/Hour: Operating Cost/Hour:	0-25 Tons \$20.26 \$39.51	GENERIC FOLDI T 26-50 Tons \$36.04 \$76.08	Cost Data Sour VAY TRUCK TRACTO 400 HP (2ND HALF, 2 NG GOOSENECK, DR RAILER (25T, 50T, AN 51+ Tons \$47.05 \$82.85	ce: <u>CR</u> PR, 6X4, DI 2006) OP DECK	G Data

Return Trip DOT Permit Machine Weight/ Owner ship Haul Rig Fleet Haul Trip Cost/hr/ fleet Cost/ fleet Description Unit Cost/hr/ unit Cost/hr/uni Size Cost/hr/ (TONS) fleet t CAT 938H 16.34 \$43.90 \$82.29 \$250.00 \$126.19 \$82.29 1 Subtotals: \$126.19 \$82.29 \$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, 3/4 T.	\$15.83	1	\$15.83	\$15.83
Drill/Broadcast Seeder with	\$14.81	1	\$14.81	\$14.81
Tractor				
Power Mulcher (Bowie LD-90)	\$57.02	1	\$57.02	\$57.02
Generic 15-18 cy, 6x4	\$137.31	1	\$137.31	\$137.31
		Subtotals:	\$224.97	\$224.97

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	STEAMBOAT SPRINGS	
Total one-way travel distance:	60.00	miles
Average Travel Speed:	45.00	mph
Total Non-Roadable Mob/Demob Cost *	\$1,560.71 \$599.92	

Transportation Cycle Time:

Non-	
Roadable	Roadable
Equipment	Equipment
1.33	1.33
1.33	1.33
1.00	NA
1.00	NA
4.67	2.67
	Roadable Equipment 1.33 1.33 1.00 1.00

JOB TIME AND COST

Total job time: **9.33** Hours

Total job cost: \$2,161