



**COLORADO**  
**Division of Reclamation,  
Mining and Safety**  
Department of Natural Resources

October 13, 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-3)**  
**Surety increase to \$33,760.**

Dear Keith Holsinger:

On October 13, 2023 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$33,760.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$13,760.00.

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 13, 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](mailto: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 12, 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:	\$13,760.00
Revised Liability:	\$33,760.00
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](mailto:Hunter.ridley@state.co.us).

Sincerely,



Hunter C. Ridley  
Environmental Protection Specialist

## COST SUMMARY WORK

Task description: Created post inspection 2023

Site: Holsinger Gravel Pit

Permit Action: 2023 Insp

Permit/Job#: M1980052

### PROJECT IDENTIFICATION

Task #: HCR

State: Colorado

Abbreviation: None

Date: 9/28/2023

County: Jackson

Filename: M052-HCR

User: HR1

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Backfill & Grade 2:1 slopes to 3:1	DOZER	1	17.71	\$7,836
002	Placement of topsoil @ 12 in	DOZER	1	29.16	\$12,900
003	Seeding current disturbance	REVEGE	1	5.00	\$1,676
004	Mob/Demob	MOBILIZE	1	9.33	\$3,968
<b><u>SUBTOTALS:</u></b>				<b>61.2</b>	<b>\$26,380</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02  
Performance bond: 1.05  
Job superintendent: 35.72  
Profit: 10.00

Total = \$533

Total = \$277

Total = \$2,325

Total = \$2,638

TOTAL O & P = \$5,773

CONTRACT AMOUNT (direct + O & P) = \$32,153

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$0

Total = \$0

Engineering work and/or contract/bid preparation: 0.00

Total = \$0

Reclamation management and/or administration: 5.00

\$1,608

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$7,380

**TOTAL BOND AMOUNT (direct + indirect) = \$33,760**

**BULLDOZER WORK**Task description: **Backfill & Grade 2:1 slopes to 3:1**Site: **Holsinger Gravel Pit**Permit Action: **2023 Insp**Permit/Job#: **M1980052****PROJECT IDENTIFICATION**Task #: **001**State: **Colorado**Abbreviation: **None**Date: **9/28/2023**County: **Jackson**Filename: **M052-001**User: **HR1**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D9T - 9SU**Horsepower: **405**Blade Type: **Semi-Universal**Attachment: **NA**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$238.76	NA
Operating Cost/Hour:	\$162.29	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$41.30	NA

Total unit Cost/Hour: **\$442.35**Total Fleet Cost/Hour: **\$442.35****MATERIAL QUANTITIES**Initial Volume: **3,700**Swell factor: **1.000**Loose volume: **3,700 LCY**Source of estimated volume: **Division of Reclamation, Mining & Safety**Source of estimated swell factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **300 feet**Unadjusted hourly production: **437.8 LCY/hr**Materials consistency description: **Consolidated stockpile 1.0**Average push gradient: **0 %**Average site altitude: **8,000 feet**Material weight: **2,100 lbs/LCY**Weight description: **Earth - Loam****Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.000	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

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:	1.095	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4771

Adjusted unit production: 208.87 LCY/hr

Adjusted fleet production: **208.87** LCY/hr

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$2.118/LCY

Total job time: **17.71** Hours

Total job cost: **\$7,836**

**BULLDOZER WORK**Task description: **Placement of topsoil @ 12 in**Site: **Holsinger Gravel Pit**Permit Action: **2023 Insp**Permit/Job#: **M1980052****PROJECT IDENTIFICATION**Task #: **002**State: **Colorado**Abbreviation: **None**Date: **9/28/2023**County: **Jackson**Filename: **M052-002**User: **HR1**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D9T - 9SU**Horsepower: **405**Blade Type: **Semi-Universal**Attachment: **NA**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$238.76	NA
Operating Cost/Hour:	\$162.29	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$41.30	NA

Total unit Cost/Hour: **\$442.35**Total Fleet Cost/Hour: **\$442.35****MATERIAL QUANTITIES**Initial Volume: **8,000**Swell factor: **1.000**Loose volume: **8,000 LCY**Source of estimated volume: **Exhibit L**Source of estimated swell factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **300 feet**Unadjusted hourly production: **437.8 LCY/hr**Materials consistency description: **Consolidated stockpile 1.0**Average push gradient: **0 %**Average site altitude: **8,000 feet**Material weight: **1,600 lbs/LCY**Weight description: **Top Soil****Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.000	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

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:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6266

Adjusted unit production: 274.33 LCY/hr

Adjusted fleet production: **274.33** LCY/hr

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$1.612/LCY

Total job time: **29.16** Hours

Total job cost: **\$12,900**

**REVEGETATION WORK**Task description: Seeding current disturbanceSite: Holsinger Gravel PitPermit Action: 2023 InspPermit/Job#: M1980052**PROJECT IDENTIFICATION**Task #: 003State: ColoradoAbbreviation: NoneDate: 9/28/2023County: JacksonFilename: M052-003User: HR1Agency or organization name: DRMS**FERTILIZING****Materials**

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

**Application**

Description	Cost /Acre
	\$
<b>Total Fertilizer Application Cost/Acre</b>	<b>\$0.00</b>

**TILLING**

Description	Cost /Acre
	\$
<b>Total Tilling Cost/Acre</b>	<b>\$0.00</b>

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Russian Wildrye - VNS	8.00	32.14	\$47.36
<b>Totals Seed Mix</b>	<b>8.00</b>	<b>32.14</b>	<b>\$47.36</b>

**Application**

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



<b>Total Seed Application Cost/Acre</b>	<b>\$232.00</b>
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**MULCHING and MISCELLANEOUS****Materials**

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

**Application**

Description	Cost /Acre
	\$
<b>Total Mulch Application Cost/Acre</b>	<b>\$0.00</b>

**NURSERY STOCK PLANTING**

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
<b>Totals Nursery Stock Cost / Acre</b>					<b>\$0.00</b>

**JOB TIME AND COST**

No. of Acres:	5	Cost /Acre:	\$279.36
Estimated Failure Rate:	20%	Cost /Acre*:	\$279.36
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	<b>\$1,396.80</b>
Reseeding Job Cost:	<b>\$279.36</b>
Total Job Cost:	<b>\$1,676</b>
Job Hours:	<b>5.00</b>

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Mob/Demob**Site: **Holsinger Gravel Pit**Permit Action: 2023 InspPermit/Job#: M1980052**PROJECT IDENTIFICATION**Task #: 004State: ColoradoAbbreviation: NoneDate: 9/28/2023County: JacksonFilename: M052-004User: HR1Agency or organization name: DRMS**EQUIPMENT TRANSPORT RIG COST**Shift basis: 1 per dayCost Data Source: CRG DataTruck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED,  
400 HP (2ND HALF, 2006)Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT  
TRAILER (25T, 50T, AND 100T)**Cost Breakdown:**

<b>Available Rig Capacities</b>	<b>0-25 Tons</b>	<b>26-50 Tons</b>	<b>51+ Tons</b>
Ownership Cost/Hour:	\$20.26	\$36.04	\$47.05
Operating Cost/Hour:	\$39.51	\$76.08	\$82.85
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$82.29	\$158.17	\$175.95

**NON ROADABLE EQUIPMENT:**

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D9T - 9SU	60.01	\$238.76	\$175.95	1	\$414.71	\$175.95	\$250.00
Subtotals:					<b>\$414.71</b>	<b>\$175.95</b>	<b>\$250.00</b>

**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 Tractor	\$14.81	1	\$14.81	\$14.81
Power Mulcher (Bowie LD-90)	\$57.02	1	\$57.02	\$57.02
Subtotals:			\$87.66	\$87.66

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:

STEAMBOAT  
SPRINGSTotal one-way travel distance: 60.00 milesAverage Travel Speed: 45.00 mphTotal Non-Roadable Mob/Demob Cost \* \$3,733.93

\*\* two round trips with haul rig:

Total Roadable Mob/Demob Cost \*\* \$233.76

\*\* one round trip, no haul rig:

**Transportation Cycle Time:**

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.33	1.33
Return Time (Hours):	1.33	1.33
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	1.00	NA
Subtotals:	4.67	2.67

**JOB TIME AND COST**Total job time: 9.33 HoursTotal job cost: \$3,968