



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

August 23, 2023

Richard L. Wamsley  
Richard L Wamsley dba- RLW Enterprises  
3465 County Road 11  
Walden, CO 80430

**Re: Wamsley Pit - File No. M-2011-027**  
**Richard L Wamsley dba- RLW Enterprises**  
**Surety Increase (SI-1)**  
**Bond increase from \$8,800 to \$14,591.**

Dear Richard L. Wamsley:

On August 23, 2023 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$14,591.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$5,791.00.

Please see the July 19, 2023 inspection report for details regarding why this surety increase is required.

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 (August 23, 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 October 22, 2023, if the amount of any increased Financial Warranty has not been provided.

Bond Held:	\$8,800.00
Prior Liability:	\$8,800.00
Change in Liability:	\$5,791.00
Revised Liability:	\$14,591.00
Prior Permit Acreage:	6.74



Change in Permit Acreage:	0.00
Revised Permit Acreage:	6.74
Prior Affected Acreage:	6.74
Change in Affected Acreage:	0.00
Revised Affected Acreage:	6.74

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: \_\_\_\_\_

Site: Wamsley Pit

Permit Action: Insp 2023

Permit/Job#: M2011027

### PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 7/19/2023

County: Jackson

Filename: M027-000

User: HR1

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Replace Topsoil @ 6" on 3 acres	DOZER	1	9.52	\$2,671
002	Revegetate 3 acres	REVEGE	1	40.00	\$6,737
003	Mob/Demob	MOBILIZE	1	7.71	\$1,850
<b><u>SUBTOTALS:</u></b>				<b>57.23</b>	<b>\$11,258</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$227

Performance bond: 1.05

Total = \$118

Job superintendent: 28.61

Total = \$1,862

Profit: 10.00

Total = \$1,126

TOTAL O & P = \$3,333

CONTRACT AMOUNT (direct + O & P) = \$14,591

#### 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: 0.00

\$0

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$3,333

**TOTAL BOND AMOUNT (direct + indirect) = \$14,591**

**BULLDOZER WORK**Task description: Replace Topsoil @ 6" on 3 acresSite: Wamsley PitPermit Action: Insp 2023Permit/Job#: M2011027**PROJECT IDENTIFICATION**Task #: 001State: ColoradoAbbreviation: NoneDate: 7/19/2023County: JacksonFilename: 001User: HR1Agency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D6T XLHorsepower: 185Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$147.22	NA
Operating Cost/Hour:	\$92.18	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: \$280.70Total Fleet Cost/Hour: **\$280.70****MATERIAL QUANTITIES**Initial Volume: 2,420Swell factor: 1.000Loose volume: **2,420** LCYSource of estimated volume: Division of Reclamation, Mining & SafetySource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 100 feetUnadjusted hourly production: 303.3 LCY/hrMaterials consistency description: Consolidated stockpile 1.0Average push gradient: -5 %Average site altitude: 8,200 feetMaterial weight: 1,600 lbs/LCYWeight description: Top Soil**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.000	(CAT HB)
Dozing method:	1.200	(SLOT)
Visibility:	1.000	(AVG.)

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.8384

Adjusted unit production: 254.29 LCY/hr

Adjusted fleet production: **254.29** LCY/hr

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$1.104/LCY

Total job time: **9.52** Hours

Total job cost: **\$2,671**

REVEGETATION WORKTask description: Revegetate 3 acresSite: Wamsley PitPermit Action: Insp 2023Permit/Job#: M2011027PROJECT IDENTIFICATIONTask #: 002State: ColoradoAbbreviation: NoneDate: 7/19/2023County: JacksonFilename: 002User: HR1Agency or organization name: DRMSFERTILIZING**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
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$112.82
<b>Total Tilling Cost/Acre</b>	<b>\$112.82</b>

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Canby Bluegrass - Canbar	2.00	42.52	\$20.50
Orchardgrass - Paiute	4.00	49.59	\$16.30
Smooth Brome - Manchar	13.00	43.27	\$43.23
Pubescent Wheatgrass - Luna	18.00	37.19	\$61.20
Sheep Fescue - Azay	3.00	46.83	\$11.03
Western Wheatgrass - Arriba	16.00	40.40	\$104.00
<b>Totals Seed Mix</b>	<b>56.00</b>	<b>259.80</b>	<b>\$256.25</b>

**Application**

Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22
<b>Total Seed Application Cost/Acre</b>	<b>\$267.22</b>

**MULCHING and MISCELLANEOUS****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$429.79	\$859.57
<b>Total Mulch Materials Cost/Acre</b>				<b>\$859.57</b>

**Application**

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$74.46
Weed spray, hand, non-aquatic area, nox. [DMG]	\$183.16
<b>Total Mulch Application Cost/Acre</b>	<b>\$257.62</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: 3 Cost /Acre: \$1,753.48  
 Estimated Failure Rate: 30% Cost /Acre\*: \$1,640.66  
 \*Selected Replanting Work Items: SEEDING,MULCHING

Initial Job Cost: **\$5,260.44**  
 Reseeding Job Cost: **\$1,476.59**  
 Total Job Cost: **\$6,737**  
 Job Hours: **40.00**

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Mob/Demob**Site: **Wamsley Pit**Permit Action: Insp 2023Permit/Job#: M2011027**PROJECT IDENTIFICATION**Task #: 003State: ColoradoAbbreviation: NoneDate: 7/19/2023County: JacksonFilename: 003User: 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 D6T XL	23.25	\$147.22	\$82.29	1	\$229.51	\$82.29	\$250.00
Subtotals:					<b>\$229.51</b>	<b>\$82.29</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
Subtotals:			<b>\$0.00</b>	<b>\$0.00</b>



**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:

STEAMBOAT  
SPRINGS, COTotal one-way travel distance: 50.00 milesAverage Travel Speed: 35.00 mph

Total Non-Roadable Mob/Demob Cost \*

\$1,849.88

\*\* two round trips with haul rig:

Total Roadable Mob/Demob Cost \*\*

\$0.00

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

**Transportation Cycle Time:**

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.43	1.43
Return Time (Hours):	1.43	1.43
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.86	2.86

**JOB TIME AND COST**Total job time: 7.71 HoursTotal job cost: \$1,850