



## COLORADO

Division of Reclamation,  
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215  
Denver, CO 80203

August 20, 2015

Roger August  
Mask Ranch, LLC  
P.O. Box 5356  
Pagosa Springs, CO 81147

**Re: Mask Ranch Gravel Pit, Permit No. M-2002-087, Financial Warranty Reduction Approval,  
Revision No. SR-1**

Mr. August:

On August 20, 2015 the Division of Reclamation, Mining and Safety approved your request for a Financial Warranty Reduction to \$5,058.75. This is a reduction of \$6701.25. This decision reduces the amount of the financial warranty, and does not approve any release of reclamation responsibility for the tasks associated with this request.

Please provide a rider to the current Financial Warranty, or submit a new Financial Warranty reflecting this reduction. If you wish to submit a different type of Financial Warranty, please contact our office for the applicable form.

If you have any questions, please contact me.

Sincerely,

**Lucas J. West**  
Environmental Protection Specialist  
Division of Reclamation, Mining and Safety  
1313 Sherman St.  
Denver, CO 80203  
(970)-243-6368

cc: Barbara J. Coria,  
Division of Reclamation, Mining and Safety



## COST SUMMARY WORK

Task description: Summary

Site: Mask Ranch Gravel Pit

Permit Action: SR1

Permit/Job#: M2002087

### PROJECT IDENTIFICATION

Task #: 003

State: Colorado

Abbreviation: None

Date: 8/3/2015

County: Archuleta

Filename: M087-003

User: LJW

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Mob/Demob	MOBILIZE	1	4.32	\$1,048.00
002	Revegetation	REVEGE	1	16.00	\$3,426.00
<b><u>SUBTOTALS:</u></b>				<b>20.32</b>	<b>\$4,474</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02%

Total = \$90.37

Performance bond: 1.05%

Total = \$46.98

Job superintendent: 0.00 hrs

Total = \$0.00

Profit: 10.00%

Total = \$447.40

TOTAL O & P = \$584.75

CONTRACT AMOUNT (direct + O & P) = \$5,058.75

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): 0.00

Total = 0.00

Engineering work and/or contract/bid preparation: 0.00%

Total = \$0.00

Reclamation management and/or administration: 0.00%

\$0.00

CONTINGENCY: 0.00

Total = \$0.00

TOTAL INDIRECT COST = \$584.75

**TOTAL BOND AMOUNT (direct + indirect) = \$5,058.75**

Site: Mask Ranch Gravel Pit Permit Action: SR1 Permit/Job#: M2002087

Task #:	001	State:	Colorado	Abbreviation:	None
Date:	8/3/2015	County:	Archuleta	Filename:	SRI
User:	LJW				

Agency or organization name: DRMS

Shift basis: 1 per day  
Cost Data Source: CRG Data

Truck 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)

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$16.63	\$18.37	\$22.33
Operating Cost/Hour:	\$44.38	\$46.13	\$50.07
Operator Cost/Hour:	\$27.66	\$27.66	\$27.66
Helper Cost/Hour:	\$0.00	\$25.39	\$25.39
Total Unit Cost/Hour:	\$88.67	\$117.55	\$125.45

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
Drill/Broadcast Seeder with Tractor	25.00	\$39.59	\$88.67	1	\$128.26	\$88.67	\$250.00

Subtotals:	\$128.26	\$88.67	\$250.00
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Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
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Subtotals:	\$0.00	\$0.00
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**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	<u>PAGOSA SPRINGS</u>	
Total one-way travel distance:	<u>2.00</u>	miles
Average Travel Speed:	<u>25.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$1,047.75</u>
* two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	<u>\$0.00</u>
** one round trip, no haul rig:	

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.08	0.08
Return Time (Hours):	0.08	0.08
Loading Time (Hours):	1.00	NA
Unloading Time (Hours):	1.00	NA
Subtotals:	2.16	0.16

**JOB TIME AND COST**

Total job time:	<u>4.32</u>	Hours
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Total job cost:	<u>\$1,048</u>
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**REVEGETATION WORK**Task description: RevegetationSite: Mask Ranch Gravel PitPermit Action: SR1Permit/Job#: M2002087**PROJECT IDENTIFICATION**Task #: 002State: ColoradoAbbreviation: NoneDate: 8/3/2015County: ArchuletaFilename: M087-002User: LJWAgency 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
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$98.01
<b>Total Tilling Cost/Acre</b>	<b>\$98.01</b>

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Mountain Brome - Bromar	3.00	4.82	\$10.20
Sideoats Grama - Vaughn	1.00	3.28	\$11.24
Slender Wheatgrass - San Luis	1.40	5.11	\$5.19
Thickspike Wheatgrass - Critana	1.40	4.95	\$7.24
<b>Totals Seed Mix</b>	<b>6.80</b>	<b>18.16</b>	<b>\$33.87</b>

**Application**

Description	Cost /Acre
Drill seeding (DRMS Cost Data)	\$88.20

<b>Total Seed Application Cost/Acre</b>	<b>\$88.20</b>
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**MULCHING and MISCELLANEOUS****Materials**

<b>Description</b>	<b>Units / Acre</b>	<b>Unit</b>	<b>Cost / Unit</b>	<b>Cost /Acre</b>
Hay, delivered {MEANS 31 25 14.16 1200}	4.00	TON	\$265.00	\$1,060.00
<b>Total Mulch Materials Cost/Acre</b>				<b>\$1,060.00</b>

**Application**

<b>Description</b>	<b>Cost /Acre</b>
Crimping, with tractor {DMG survey data}	\$65.89
<b>Total Mulch Application Cost/Acre</b>	<b>\$65.89</b>

**NURSERY STOCK PLANTING**

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

**JOB TIME AND COST**

No. of Acres: 2 Cost /Acre: \$1,345.97  
 Estimated Failure Rate: 30% Cost /Acre\*: \$1,223.90  
 \*Selected Replanting Work Items: TILLING,MULCHING

Initial Job Cost: \$2,691.94  
 Reseeding Job Cost: \$734.34  
 Total Job Cost: \$3,426  
 Job Hours: 16.00