



## COLORADO

Division of Reclamation,  
Mining and Safety

Department of Natural Resources

1313 Sherman St. Room 215  
Denver, CO 80203

September 16, 2016

Wilbur F Benham  
16417 KQNK Rd.  
Box 66  
Norton, KS 67654

**Re: Toltec No 2, Permit No. M-1984-039, Financial Warranty Reduction Approval, Revision No. SR-1**

Wilbur Benham:

On September 16, 2016 the Division of Reclamation, Mining and Safety approved your request for a Financial Warranty Reduction to **\$1,012.00**. This is a reduction of **\$3,104.00**. 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 contact Barbra Coria at the Division's Denver Office at (303)-866-3567 Ext. 8148, to make arrangements for replacement of the current financial warranty with the financial warranty in the reduced amount as calculated for the approved SR-01.

If you require any additional information, have any questions or concerns please feel free to contact me at the Division's Grand Junction Field Office at (970)-243-6368.

Sincerely,

**Lucas J. West**

Environmental Protection Specialist  
Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203  
**Phone:** (970)-243-6368

cc: Barbara J. Coria, DRMS Bonding Specialist  
Russ Means, Senior Environmental Protection Specialist

Encl: Inspection Report  
SR-01 Reclamation Cost Estimate Worksheets



## COST SUMMARY WORK

Task description: \_\_\_\_\_

Site: Toltec No 2

Permit Action: SR01 Update

Permit/Job#: M1984039

### PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 9/7/2016

County: San Juan

Filename: M039-000

User: LJW

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Revegetate 0.1 acres affected lands	REVEGE	1	16.00	\$837.00
002	Haul reclamation equipment to and from job site	MOBILIZE	1	2.40	\$58.00
<b><u>SUBTOTALS:</u></b>				<b>18.4</b>	<b>\$895</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02  
Performance bond: 1.05  
Job superintendent: 0.00  
Profit: 10.00

Total = \$18.08

Total = \$9.40

Total = \$0.00

Total = \$89.50

TOTAL O & P = \$116.98

CONTRACT AMOUNT (direct + O & P) = \$1,011.98

#### 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 = \$116.98

**TOTAL BOND AMOUNT (direct + indirect) = \$1,011.98**

**REVEGETATION WORK**Task description: Revegetate 0.1 acres affected landsSite: Toltec No 2Permit Action: SR01 UpdatePermit/Job#: M1984039**PROJECT IDENTIFICATION**Task #: 001State: ColoradoAbbreviation: NoneDate: 9/7/2016County: San JuanFilename: M039-001User: LJWAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
10-34-0, 18-46-0, 5-10-5	200.00	pound	\$0.33	\$66.00
			<b>Total Fertilizer Materials Cost/Acre</b>	<b>\$66.00</b>

**Application**

Description	Cost /Acre
Push rotary spreader (MEANS 32 01 90.13 0110)	\$93.65
<b>Total Fertilizer Application Cost/Acre</b>	<b>\$93.65</b>

**TILLING**

Description	Cost /Acre
Weed control spraying (MEANS 31 31 16.13 3100)	\$242.00
<b>Total Tilling Cost/Acre</b>	<b>\$242.00</b>

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Bluebunch Wheatgrass - Secar	2.40	7.71	\$16.44
Intermediate Wheatgrass - Rush	3.00	6.40	\$6.72
Pubescent Wheatgrass - Luna	2.80	5.79	\$6.27
Sheep Fescue - Covar	0.80	12.49	\$2.69
Thickspike Wheatgrass - Critana	2.20	7.78	\$11.40
<b>Totals Seed Mix</b>	<b>11.20</b>	<b>40.17</b>	<b>\$43.52</b>

**Application**

Description	Cost /Acre
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Push spreader (MEANS 32 92 19.14 0020)	\$1,633.50
<b>Total Seed Application Cost/Acre</b>	<b>\$1,633.50</b>

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

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$265.00	\$530.00
<b>Total Mulch Materials Cost/Acre</b>				<b>\$530.00</b>

**Application**

Description	Cost /Acre
Hand spread, 1" deep (MEANS 32 91 13.16 0200)	\$3,049.20
<b>Total Mulch Application Cost/Acre</b>	<b>\$3,049.20</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:	0.1	Cost /Acre:	\$5,657.87
Estimated Failure Rate:	50%	Cost /Acre*:	\$5,415.87
*Selected Replanting Work Items:	FERTILIZING,SEEDING,MULCHING		
Initial Job Cost:	\$565.79		
Reseeding Job Cost:	\$270.79		
Total Job Cost:	\$837		
Job Hours:	16.00		

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: Haul reclamation equipment to and from job siteSite: Toltec No 2Permit Action: SR01 UpdatePermit/Job#: M1984039**PROJECT IDENTIFICATION**Task #: 002State: ColoradoAbbreviation: NoneDate: 9/7/2016County: San JuanFilename: M039-002User: LJWAgency 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:	\$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

**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
Subtotals:					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</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, 1 T. Crew	\$23.97	1	\$23.97	\$23.97
Subtotals:			<b>\$23.97</b>	<b>\$23.97</b>

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	SILVERTON	
Total one-way travel distance:	12.00	miles
Average Travel Speed:	10.00	mph
Total Non-Roadable Mob/Demob Cost *	\$0.00	
'* two round trips with haul rig:		
Total Roadable Mob/Demob Cost **	\$57.53	
** one round trip, no haul rig:		

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.20	1.20
Return Time (Hours):	1.20	1.20
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.40	2.40

**JOB TIME AND COST**

Total job time:	2.40	Hours
Total job cost:	\$58	