



STATE OF
COLORADO

Musick - DNR, Jason <jason.musick@state.co.us>

New Horizon Mine, C-1981-008, TR-82 RCE

1 message

Musick - DNR, Jason <jason.musick@state.co.us>
To: "Bowles - DNR, Brock" <brock.bowles@state.co.us>

Mon, Oct 2, 2017 at 2:35 PM

Brock,

Attached is the Division's RCE associated with TR-82 of the New Horizon Mine permit. The activities proposed in TR-82 will require additional bond for the revegetation of the 0.42 acres of additional disturbance. No additional cost are required for topsoil salvage or placement as the 0.42 acres of disturbance will be topsoil storage area.

Please let me know if you have any questions or comments.

Thanks,
Jason

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Jason Musick
Environmental Protection Specialist III
Coal Regulatory Program



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

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TR82_RCE.pdf
241K

COST SUMMARY WORK

Task description: Summary of TR82 Tasks

Site: New Horizon Mine

Permit Action: TR82

Permit/Job#: C1981008

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 10/2/2017

County: Montrose

Filename: C008-000

User: JDM

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Drill seed Irrigated Cropland TR-82	REVEGE	1	0.42	\$250.00
<u>SUBTOTALS:</u>				0.42	\$250

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$5.05

Performance bond: 1.05

Total = \$2.63

Job superintendent: 0.00

Total = \$0.00

Profit: 10.00

Total = \$25.00

TOTAL O & P = \$32.68

CONTRACT AMOUNT (direct + O & P) = \$282.68

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 = \$32.68

TOTAL BOND AMOUNT (direct + indirect) = \$282.68

REVEGETATION WORKTask description: **Drill seed Irrigated Cropland TR-82**Site: **New Horizon Mine**Permit Action: **TR82**Permit/Job#: **C1981008****PROJECT IDENTIFICATION**Task #: **001**State: **Colorado**Abbreviation: **None**Date: **10/2/2017**County: **Montrose**Filename: **C008-001**User: **JDM**Agency or organization name: **DRMS****FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Ammonium nitrate, 33-0-0	45.00	pound	\$0.34	\$15.30
			Total Fertilizer Materials Cost/Acre	\$15.30

Application

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$144.62
Total Fertilizer Application Cost/Acre	\$144.62

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$106.29
Total Tilling Cost/Acre	\$106.29

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Oats - Ajay	75.00	22.38	\$24.75
Yellow Sweet Clover - Madrid	2.00	11.94	\$5.66
Totals Seed Mix	77.00	34.32	\$30.41

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$232.00
Total Seed Application Cost/Acre	\$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 Stock Cost / Acre					\$0.00

JOB TIME AND COST

No. of Acres:	0.42	Cost /Acre:	\$528.62
Estimated Failure Rate:	25%	Cost /Acre*:	\$262.41
*Selected Replanting Work Items:	SEEDING		
Initial Job Cost:	\$222.02		
Reseeding Job Cost:	\$27.55		
Total Job Cost:	\$250		
Job Hours:	0.42		