



STATE OF
COLORADO

Girardi - DNR, Chris <chris.girardi@state.co.us>

Bachus Pit, M1995034- Surety Increase Letter

1 message

Girardi - DNR, Chris <chris.girardi@state.co.us>
To: Shawnee Turner <abshawnee12@yahoo.com>
Cc: Jared Ebert - DNR <jared.ebert@state.co.us>

Tue, Jan 28, 2025 at 9:17 AM

Good morning,

Attached to this email is formal correspondence indicating that the required surety for the Bachus Pit, permit number M-1995-034, has increased and that the Operator will be required to submit a surety increase.

Please feel free to reach out if you have any questions.

Thanks,
Chris

Chris Girardi

Environmental Protection Specialist Intern



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

P: (720) 793-3041

Physical: 1313 Sherman Street, Room 215, Denver, CO 80203

Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216

chris.girardi@state.us.co | <https://drms.colorado.gov/>

2 attachments



SuretyIncrease_SI1_BachusPit_M1995034.pdf
303K



BachusPit_CostEstimate_2024Inspection.pdf
236K



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

January 28, 2025

Mr. Adrian Absmeier
Absmeier Landscaping & Construction, LLC
P.O. Box 1134
Alamosa, CO 81101

Re: Surety Increase (SI-1), Bachus Pit, Permit No. M-1995-034

Mr. Absmeier:

On January 28, 2025, the Division of Reclamation, Mining and Safety (Division/DRMS) increased the required surety for this permit to \$35,286 in accordance with Rule 4.2.1. This increase in required surety is based on the September 2024 Inspection. The Division currently holds a Financial Warranty in the amount of \$24,002. Therefore, the resultant surety increase amount is \$11,284.

On this date, the Division orders amendment of the current financial warranty or submittal of a new financial warranty reflecting the surety increase within 60 days from January 28, 2025.

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 the financial warranty forms should be directed to Sara M. Stevenson-Benn by telephone at (303) 866-3567, or by email at sara.stevenson-benn@state.co.us

The Permittee for this site may be scheduled for a formal board hearing for a possible violation if the surety increase is not provided in full.

Current Financial Warranty Held:	\$24,002.00
Prior Reclamation Liability Amount:	\$24,002.00
Revised Reclamation Liability Amount:	\$35,286.00
Change in Reclamation Liability Amount:	\$11,284.00

If you have any questions, please contact me by email at chris.girardi@state.co.us.



Sincerely,

A handwritten signature in blue ink that reads "Chris Girardi". The signature is written in a cursive, flowing style.

Chris Girardi
Environmental Protection Specialist Intern

cc: Jared Ebert; DRMS
Sara Stevenson-Benn, DRMS
Shawnee Turner, Absmeier Landscaping & Construction, LLC

COST SUMMARY WORK

Task description: Reclaim site

Site: Bachus Pit

Permit Action: 2024 Inspection

Permit/Job#: M1995034

PROJECT IDENTIFICATION

Task #: 000
Date: 11/1/2024
User: CMG

State: Colorado
County: Alamosa

Abbreviation: None
Filename: M034-000

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Reduce highwalls, fill in erosion rills	DOZER	1	7.51	\$3,585
002A	Weed Control	REVEGE	1	7.00	\$2,372
002B	Revegetation	REVEGE	1	28.00	\$17,579
003	Mobilize Reclamation Equipment	MOBILIZE	1	2.35	\$2,366
<u>SUBTOTALS:</u>				44.86	\$25,902

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02
Performance bond: 1.05
Job superintendent: 22.43
Profit: 10.00

Total = \$523
Total = \$272
Total = \$1,778
Total = \$2,590

TOTAL O & P = \$5,163

CONTRACT AMOUNT (direct + O & P) = \$31,065

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$0
Engineering work and/or contract/bid preparation: 8.59
Reclamation management and/or administration: 5.00

Total = \$0
Total = \$2,668
\$1,553

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$9,384

TOTAL BOND AMOUNT (direct + indirect) = \$35,286

BULLDOZER WORK

Task description: Reduce highwalls, fill in erosion rills

Site: Bachus Pit Permit Action: 2024 Inspection Permit/Job#: M1995034

PROJECT IDENTIFICATION

Task #: 001 State: Colorado Abbreviation: None
Date: 11/1/2024 County: Alamosa Filename: M034-001
User: CMG

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D9T - 9SU
Horsepower: 405
Blade Type: Semi-Universal
Attachment: 3-shank ripper
Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$253.16</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$164.35</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$18.79</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$2.37</u>	<u>25</u>
Operator Cost/Hour:	<u>\$38.59</u>	<u>NA</u>
Total unit Cost/Hour:	<u>\$477.26</u>	
Total Fleet Cost/Hour:	<u>\$477.26</u>	

MATERIAL QUANTITIES

Initial Volume: 5,859
Swell factor: 1.266
Loose volume: 7,416 LCY

Source of estimated volume: Highwall 1500' in length, 20' height, cut-fill dozing
Source of estimated swell
factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 50 feet
Unadjusted hourly
production: 2,110.5 LCY/hr

Materials consistency
description: Compacted fill or embankment 0.9

Average push
gradient: -10 %
Average site altitude: 7,560 feet

Material weight: 2,700 lbs/LCY

Weight description: Sand and clay - Loose

<u>Job Condition</u>	<u>Correction Factor</u>	<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(CAT HB))
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.852	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4678

Adjusted unit
production: 987.29 LCY/hr

Adjusted fleet
production: **987.29** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.483/LCY

Total job time: **7.51** Hours
Total job cost: **\$3,585**

REVEGETATION WORK

Task description: Weed Control

Site: Bachus Pit Permit Action: 2024 Inspection Permit/Job#: M1995034

PROJECT IDENTIFICATION

Task #: 002A State: Colorado Abbreviation: None
Date: 11/7/2024 County: Alamosa Filename: M034-002A
User: CMG

Agency or organization name: DRMS

FERTILIZING

Materials

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

Application

Description	Cost /Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

Description	Cost /Acre
Weed control spraying (MEANS 31 31 16.13 3100)	\$338.80
Total Tilling Cost/Acre	\$338.80

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
			\$
Totals Seed Mix	0.00	0.00	\$0.00

Application

Description	Cost /Acre
	\$

Total Seed Application Cost/Acre	\$0.00
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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:	7	Cost /Acre:	\$338.80
Estimated Failure Rate:	0%	Cost /Acre*:	\$0.00
*Selected Replanting Work Items:	NONE		

Initial Job Cost:	\$2,371.60
Reseeding Job Cost:	\$0.00
Total Job Cost:	\$2,372
Job Hours:	7.00

REVEGETATION WORK

Task description: Revegetation

Site: Bachus Pit Permit Action: 2024 Inspection Permit/Job#: M1995034

PROJECT IDENTIFICATION

Task #: 002B State: Colorado Abbreviation: None
Date: 11/1/2024 County: Alamosa Filename: M034-003
User: CMG

Agency or organization name: DRMS

FERTILIZING

Materials

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

Application

Description	Cost /Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.61
Total Tilling Cost/Acre	\$117.61

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Crested Wheatgrass - Hy-Crest	5.00	22.96	\$25.24
Tall Wheatgrass - Jose	8.00	14.51	\$45.98
Flax, Lewis Blue	2.00	13.27	\$84.60
Totals Seed Mix	15.00	50.73	\$155.82

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$236.64

Total Seed Application Cost/Acre	\$236.64
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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:	28	Cost /Acre:	\$510.07
Estimated Failure Rate:	30%	Cost /Acre*:	\$392.46
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	\$14,281.96
Reseeding Job Cost:	\$3,296.66
Total Job Cost:	\$17,579
Job Hours:	28.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Mobilize Reclamation Equipment

Site: Bachus Pit Permit Action: 2024 Inspection Permit/Job#: M1995034

PROJECT IDENTIFICATION

Task #: 003 State: Colorado Abbreviation: None
Date: 11/1/2024 County: Alamosa Filename: M034-004
User: CMG

Agency or organization name: DRMS

EQUIPMENT TRANSPORT RIG COST

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)

Cost Breakdown:

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$10.44	\$22.18	\$23.94
Operating Cost/Hour:	\$26.48	\$54.55	\$55.65
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$59.44	\$122.78	\$125.64

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	66.13	\$271.95	\$125.64	1	\$397.59	\$125.64	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	2	\$200.92	\$118.88	\$250.00

Subtotals:

\$598.51	\$244.52	\$500.00
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ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Generic 5-6 cy, 4x2	\$67.88	1	\$67.88	\$67.88
Lube Truck, 4x2, 190 HP	\$41.41	1	\$41.41	\$41.41

Subtotals:

\$109.29	\$109.29
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EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	<u>ALAMOSA</u>	
Total one-way travel distance:	<u>4.00</u>	miles
Average Travel Speed:	<u>45.00</u>	mph
 Total Non-Roadable Mob/Demob Cost *	 \$2,346.89	
‘* two round trips with haul rig:		
Total Roadable Mob/Demob Cost **	<u>\$19.43</u>	
** one round trip, no haul rig:		

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.09</u>	<u>0.09</u>
Return Time (Hours):	<u>0.09</u>	<u>0.09</u>
Loading Time (Hours):	<u>0.50</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.50</u>	<u>NA</u>
Subtotals:	<u>1.18</u>	<u>0.18</u>

JOB TIME AND COST

Total job time:	<u>2.36</u>	Hours
Total job cost:	<u>\$2,366</u>	

