



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

May 30, 2024

Gregg Morrill
12207 Road 29.4
Dolores, CO
81323

Re: Bancroft Placer Mine - File No. M-2020-025
Gregg Morrill
Surety Increase (SI-1)

Dear Gregg Morrill:

On May 30, 2024 the Division of Reclamation, Mining and Safety increased the Financial Warranty requirement for this permit to \$11,846.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$4,346.00.

The Division ordered amendment of the current Financial Warranty or submittal of a new Financial Warranty reflecting the increase, is due within 60 days.

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.

The Permittee for this site may be scheduled for a Formal Board Hearing for possible revocation of the permit if the amount of any increased Financial Warranty has not been provided by July 30, 2024.

Bond Held:	\$7,500.00
Prior Liability:	\$7,500.00
Change in Liability:	\$4,346.00
Revised Liability:	\$11,846.00
Prior Permit Acreage:	9.40



Change in Permit Acreage:	0.00
Revised Permit Acreage:	9.40
Prior Affected Acreage:	0.00
Change in Affected Acreage:	0.00
Revised Affected Acreage:	0.00

If you have any questions, please contact me by telephone at (303) 866-3567 x 8188, or by email at Dustin.czapla@state.co.us.

Sincerely,



Dustin M. Czapla
Environmental Protection Specialist

COST SUMMARY WORK

Task description: 2024-05-30 Update

Site: Bancroft Placer Mine

Permit Action: 2024-05-30

Permit/Job#: M2020025

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 5/30/2024

County: Montrose

Filename: M025-000

User: DMC

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Replace overburden/site grading	DOZER	1	10.06	\$2,534
02a	Vegetate disturbed area	REVEGE	1	2.00	\$5,841
03a	Mobilize reclamation crew/equipment	MOBILIZE	1	4.00	\$1,603
<u>SUBTOTALS:</u>				16.06	\$9,978

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$202

Performance bond: 1.05

Total = \$105

Job superintendent: 0.00

Total = \$0

Profit: 10.00

Total = \$998

TOTAL O & P = \$1,304

CONTRACT AMOUNT (direct + O & P) = \$11,282

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: 5.00

\$564

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$1,868

TOTAL BOND AMOUNT (direct + indirect) = \$11,846

BULLDOZER WORKTask description: Replace overburden/site gradingSite: Bancroft Placer MinePermit Action: 2024-05-30Permit/Job#: M2020025**PROJECT IDENTIFICATION**Task #: 01AState: ColoradoAbbreviation: NoneDate: 5/30/2024County: MontroseFilename: 2024053001aUser: DMCAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D6T LGPHorsepower: 200Blade Type: StraightAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$127.53</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$83.13</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$0.00</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$0.00</u>	<u>0</u>
Operator Cost/Hour:	<u>\$41.30</u>	<u>NA</u>

Total unit Cost/Hour: \$251.96Total Fleet Cost/Hour: \$251.96**MATERIAL QUANTITIES**Initial Volume: 3,227Swell factor: 1.000Loose volume: 3,227 LCYSource of estimated volume: Division of Reclamation, Mining & SafetySource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 75 feetUnadjusted hourly production: 357.1 LCY/hrMaterials consistency description: Loose stockpile 1.2Average push gradient: 0 %Average site altitude: 4,820 feetMaterial weight: 2,550 lbs/LCYWeight description: Earth - Dry packed**Job Condition Correction Factor**

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

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	1.000	(DOZ-OC)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.8984

Adjusted unit production: 320.82 LCY/hr

Adjusted fleet production: **320.82** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.785/LCY

Total job time: **10.06** Hours

Total job cost: **\$2,534**

REVEGETATION WORKTask description: Vegetate disturbed areaSite: Bancroft Placer MinePermit Action: 2024-05-30Permit/Job#: M2020025**PROJECT IDENTIFICATION**Task #: 02AState: ColoradoAbbreviation: NoneDate: 5/30/2024County: MontroseFilename: 2024053002aUser: DMCAgency 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
Chisel plowing {DMG}	\$100.40
Weed control spraying (MEANS 31 31 16.13 3100)	\$338.80
Total Tilling Cost/Acre	\$439.20

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Native	1.80	29.38	\$24.71
Indian Ricegrass - Native	1.20	3.88	\$7.80
Little Bluestem - Native	0.70	4.18	\$9.50
Sideoats Grama - Butte	1.80	5.91	\$16.20
Galleta	0.40	1.46	\$8.94
Needle and Thread	2.20	5.81	\$92.07
Western Wheatgrass - Native	9.60	24.24	\$57.60
Needlegrass, Green - Lodorm	1.00	4.16	\$11.78

Totals Seed Mix	18.70	79.02	\$228.59
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Application

Description	Cost /Acre
Tractor spreader (MEANS 32 92 19.14 0100)	\$586.75
Total Seed Application Cost/Acre	\$586.75

MULCHING and MISCELLANEOUS**Materials**

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

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$74.46
Power mulcher (MEANS 32 91 13.16 0350)	\$147.67
Total Mulch Application Cost/Acre	\$222.13

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:	2	Cost /Acre:	\$2,336.24
Estimated Failure Rate:	25%	Cost /Acre*:	\$2,336.24
*Selected Replanting Work Items:	TILLING,SEEDING,MULCHING		
Initial Job Cost:	\$4,672.48		
Reseeding Job Cost:	\$1,168.12		
Total Job Cost:	\$5,841		
Job Hours:	2.00		

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Mobilize reclamation crew/equipmentSite: Bancroft Placer MinePermit Action: 2024-05-30Permit/Job#: M2020025PROJECT IDENTIFICATIONTask #: 03AState: ColoradoAbbreviation: NoneDate: 5/30/2024County: MontroseFilename: 2024053003aUser: DMCAgency or organization name: DRMSEQUIPMENT TRANSPORT RIG COSTShift 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:

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
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 LGP	26.87	\$127.53	\$158.17	1	\$285.70	\$158.17	\$250.00
Subtotals:					\$285.70	\$158.17	\$250.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 3/4 T.	\$15.83	1	\$15.83	\$15.83
Drill/Broadcast Seeder with Tractor	\$14.81	1	\$14.81	\$14.81
Power Mulcher (Bowie LD-90)	\$57.02	1	\$57.02	\$57.02
Subtotals:			\$87.66	\$87.66

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	NATURITA	
Total one-way travel distance:	25.00	miles
Average Travel Speed:	50.00	mph

Total Non-Roadable Mob/Demob Cost *	\$1,515.27
** two round trips with haul rig:	
Total Roadable Mob/Demob Cost **	\$87.66
** one round trip, no haul rig:	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.50	0.50
Return Time (Hours):	0.50	0.50
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.00	1.00

JOB TIME AND COST

Total job time:	4.00	Hours
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Total job cost:	\$1,603
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