



STATE OF  
COLORADO

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

## Gutttersen Mining Resource M2025002- Preliminary Adequacy Review and Cost Estimate

1 message

**Girardi - DNR, Chris** <chris.girardi@state.co.us>  
To: Sydney Connor <Sydney@lewicki.biz>  
Cc: Jared Ebert - DNR <jared.ebert@state.co.us>

Mon, Apr 14, 2025 at 2:52 PM

Good afternoon,

Attached to this email is the Division's Adequacy Review Letter regarding the Gutttersen Mining Resource 112c application. Also attached to this email is a pdf of the Division's Reclamation Cost Estimate.

Hard copies will not be mailed unless requested.

Please feel free to contact me if you have any questions.

Thanks,

Chris Girardi

Environmental Protection Specialist Intern



**COLORADO**  
Division of Reclamation,  
Mining and Safety  
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### 2 attachments



**GutttersenMiningResource\_M2025002\_PreliminaryAdequacyReview.pdf**  
292K



**GutttersenMiningResource\_M2025002\_CostEstimate.pdf**  
192K

COST SUMMARY WORK

Task description: Reclamation of permit

Site: Guttersen Mining Resource Permit Action: New Application Permit/Job#: M2025002

**PROJECT IDENTIFICATION**

Task #: 000 State: Colorado Abbreviation: None  
Date: 4/14/2025 County: Weld Filename: M002-000  
User: CMG

Agency or organization name: DRMS

**TASK LIST (DIRECT COSTS)**

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Revegetation	REVEGE	1	85.00	\$44,688
002	Mobilization	MOBILIZE	1	1.40	\$1,292
<b><u>SUBTOTALS:</u></b>				<b>86.4</b>	<b>\$45,980</b>

**INDIRECT COSTS**

**OVERHEAD AND PROFIT:**

Liability insurance:	2.02	Total =	<u>\$929</u>
Performance bond:	1.05	Total =	<u>\$483</u>
Job superintendent:	43.20	Total =	<u>\$3,424</u>
Profit:	10.00	Total =	<u>\$4,598</u>
TOTAL O & P =			<u>\$9,434</u>
CONTRACT AMOUNT (direct + O & P) =			<u>\$55,414</u>

**LEGAL - ENGINEERING - PROJECT MANAGEMENT:**

Financial warranty processing (legal/related costs):	<u>\$0</u>	Total =	<u>\$0</u>
Engineering work and/or contract/bid preparation:	<u>4.25</u>	Total =	<u>\$2,355</u>
Reclamation management and/or administration:	<u>5.00</u>		<u>\$2,771</u>

CONTINGENCY: 3.00 Total = \$1,379

TOTAL INDIRECT COST = \$15,939

**TOTAL BOND AMOUNT (direct + indirect) = \$61,919**

## REVEGETATION WORK

Task description: Revegetation

Site: Guttersen Mining Resource

Permit Action: New Application

Permit/Job#: M2025002

### PROJECT IDENTIFICATION

Task #: 001

State: Colorado

Abbreviation: None

Date: 4/14/2025

County: Weld

Filename: M002-001

User: CMG

Agency or organization name: DRMS

### FERTILIZING

#### **Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Manure, material purchase only, no delivery, ton	15.00	ton	\$8.50	\$127.50
			<b>Total Fertilizer Materials Cost/Acre</b>	<b>\$127.50</b>

#### **Application**

Description	Cost /Acre
Tractor spreader (MEANS 32 91 13.16 0950)	\$30.93
<b>Total Fertilizer Application Cost/Acre</b>	<b>\$30.93</b>

### TILLING

Description	Cost /Acre
Chisel plowing {DMG}	\$102.41
<b>Total Tilling Cost/Acre</b>	<b>\$102.41</b>

### SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Wheat, Winter - Tam 107	50.00	45.91	\$27.03
<b>Totals Seed Mix</b>	<b>50.00</b>	<b>45.91</b>	<b>\$27.03</b>

#### **Application**

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$236.64
<b>Total Seed Application Cost/Acre</b>	<b>\$236.64</b>

## **MULCHING and MISCELLANEOUS**

### **Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				<b>\$0.00</b>

### **Application**

Description	Cost /Acre
	\$
Total Mulch Application Cost/Acre	<b>\$0.00</b>

## **NURSERY STOCK PLANTING**

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

## **JOB TIME AND COST**

No. of Acres:	85.2	Cost /Acre:	\$524.51
Estimated Failure Rate:	50%	Cost /Acre*:	\$0.00
*Selected Replanting Work Items:	NONE		

Initial Job Cost: **\$44,688.25**  
Reseeding Job Cost: **\$0.00**  
Total Job Cost: **\$44,688**  
Job Hours: **85.00**

## EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Mobilization

Site: Guttersen Mining Resource

Permit Action: New Application

Permit/Job#: M2025002

### PROJECT IDENTIFICATION

Task #: 002

State: Colorado

Abbreviation: None

Date: 4/14/2025

County: Weld

Filename: M002-002

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
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	2	\$200.92	\$118.88	\$500.00

Subtotals: **\$200.92** **\$118.88** **\$500.00**

### 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	\$67.46	1	\$67.46	\$67.46
Lube Truck, 4x2, 190 HP	\$41.41	1	\$41.41	\$41.41

Subtotals: **\$108.87** **\$108.87**

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region: GREELEY  
Total one-way travel distance: 9.00 miles  
Average Travel Speed: 45.00 mph

Total Non-Roadable Mob/Demob Cost \* \$1,248.47  
\*\* two round trips with haul rig:  
Total Roadable Mob/Demob Cost \*\* \$43.55  
\*\* one round trip, no haul rig:

**Transportation Cycle Time:**

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.20	0.20
Return Time (Hours):	0.20	0.20
Loading Time (Hours):	0.15	NA
Unloading Time (Hours):	0.15	NA
Subtotals:	0.70	0.40

**JOB TIME AND COST**

Total job time: 1.40 Hours

Total job cost: \$1,292