



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

July 28, 2025

Jason Burkey  
Oldcastle SW Group, Inc. dba United Companies of Mesa County  
2273 River Road  
Grand Junction, CO 81502-3609

**Re: Berry Pit - File No. M-1977-132**  
**Oldcastle SW Group, Inc. dba United Companies of Mesa County**  
**Surety Increase (SI-8)**  
**Surety Increase**

Dear Jason Burkey:

On July 28, 2025 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$439,279.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$146,230.00.

Surety Increase post inspection. Inflationary changes 2021-2025

Please see the July 3, 2025 inspection report for details regarding why this surety increase is required.

On July 28, 2025, the Division ordered amendment of the current Financial Warranty or submittal of a new Financial Warranty reflecting the increase, 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, 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 September 26, 2025.

Bond Held:	\$293,049.00
Prior Liability:	\$293,049.00
Change in Liability:	\$146,230.00
Revised Liability:	\$439,279.00



Prior Permit Acreage:	91.21
Change in Permit Acreage:	0.00
Revised Permit Acreage:	91.21
Prior Affected Acreage:	67.60
Change in Affected Acreage:	0.00
Revised Affected Acreage:	67.60

If you have any questions, please contact me by telephone at (970) 210-1272, or by email at [Amy.yeldell@state.co.us](mailto:Amy.yeldell@state.co.us).

Sincerely,



Amy C. Yeldell  
Environmental Protection Specialist

## COST SUMMARY WORK

Task description: Post 2025 Update

Site: Berry Pit

Permit Action: SI8

Permit/Job#: M1977132

### PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 7/11/2025

County: Rio Blanco

Filename: M132-ACY

User: ACY

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Regrade two new lease area strips to final grade	DOZER	1	54.26	\$17,802
02a	Replace overburden over 3.4 acres at 1' depth	SCRAPER1	1	4.84	\$12,690
03a	Replace topsoil from stockpile C on regraded strip	SCRAPER1	1	7.69	\$20,692
04a	Regrade old lease area	DOZER	1	147.98	\$52,159
05a	Regrade sediment pond	DOZER	1	15.30	\$5,394
06a	Regrade protection berm topsoil	DOZER	1	166.11	\$58,553
07a	Revegetation	REVEGE	1	60.00	\$146,915
08a	Mobilization	MOBILIZE	1	6.00	\$15,043
08b	Secondary Mobilization	MOBILIZE	1	6.00	\$2,348
<b><u>SUBTOTALS:</u></b>				<b>468.18</b>	<b>\$331,596</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$6,698

Performance bond: 1.05

Total = \$3,482

Job superintendent: 234.09

Total = \$17,587

Profit: 10.00

Total = \$33,160

TOTAL O & P = \$60,927

CONTRACT AMOUNT (direct + O & P) = \$392,523

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$500

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$16,682

Reclamation management and/or administration: 5.00

\$19,626

CONTINGENCY: 3.00

Total = \$9,948

TOTAL INDIRECT COST = \$107,683

**TOTAL BOND AMOUNT (direct + indirect) = \$439,279**

**BULLDOZER WORK**Task description: Regrade two new lease area strips to final gradeSite: Berry Pit Permit Action: SI8 Permit/Job#: M1977132**PROJECT IDENTIFICATION**

Task #: 01A State: Colorado Abbreviation: None  
 Date: 7/11/2025 County: Rio Blanco Filename: M132-01a  
 User: ACY

Agency or organization name: DRMS**HOURLY EQUIPMENT COST**

Basic Machine: Cat D8T - 8SU  
 Horsepower: 310  
 Blade Type: Semi-Universal  
 Attachment: NA  
 Shift Basis: 1 per day  
 Data Source: (CRG)

**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$179.60	NA
Operating Cost/Hour:	\$110.45	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$38.02	NA

Total unit Cost/Hour: \$328.07  
 Total Fleet Cost/Hour: \$328.07

**MATERIAL QUANTITIES**

Initial Volume: 14,500  
 Swell factor: 1.090  
 Loose volume: 15,805 LCY

Source of estimated volume: AM-1 Exhibit L  
 Source of estimated swell factor: Cat Handbook

**HOURLY PRODUCTION**

Average push distance: 150 feet  
 Unadjusted hourly production: 634.3 LCY/hr

Materials consistency description: Partly consolidated stockpile 1.1

Average push gradient: 0 %  
 Average site altitude: 6,350 feet

Material weight: 2,400 lbs/LCYWeight description: Clay and gravel - Dry

<u>Job Condition Correction Factor</u>	<u>Source</u>
Operator Skill: <u>0.750</u>	<u>(AVG.)</u>
Material consistency: <u>1.100</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:	0.700	(FND-MF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.958	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4592

Adjusted unit production: 291.27 LCY/hr

Adjusted fleet production: **291.27 LCY/hr**

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$1.126/LCY

Total job time: **54.26 Hours**

Total job cost: **\$17,802**

**SCRAPER TEAM WORK**Task description: **Replace overburden over 3.4 acres at 1' depth**Site: **Berry Pit**Permit Action: SI8Permit/Job#: M1977132**PROJECT IDENTIFICATION**Task #: 02AState: ColoradoAbbreviation: NoneDate: 7/11/2025County: Rio BlancoFilename: M132-02aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT**COSTShift basis: 1 per day

	Equipment Description
-Scraper:	Cat 637G w/push-pull
-Dozer:	Cat D8T - 8SU
Support Equipment -Load Area:	Cat D8T - 8SU
-Dump Area:	Cat D8T - 8SU
Road Maintenance -Motor Grader:	CAT 14M
-Water Truck:	Water Tanker, 7,000 Gal.

**Cost Breakdown:**

## Scraper Work Team

## Support Equipment

## Maintenance Equipment

	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	100	50	100	50
Ownership cost/hour:	\$285.51	\$179.60	\$179.60	\$179.60	\$101.88	\$75.70
Operating cost/hour:	\$313.00	\$110.45	\$110.45	\$55.23	\$73.16	\$39.37
%Utilization-ripper:	NA	NA	100	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	\$15.28	\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA	\$0.00	\$9.14	\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$59.78	\$38.02	\$38.02	\$38.02	\$60.00	\$0.00
Unit Subtotals:	\$658.29	\$328.07	\$352.49	\$272.84	\$235.04	\$115.07
Number of Units:	2	1	1	1	1	1
Group Subtotals:	Work:	\$1,644.65	Support:	\$625.33	Maint:	\$350.11

Total work team cost/hour: **\$2,620.09****MATERIAL QUANTITIES**Initial volume: 5,485

CCY

Swell factor: 1.090Loose volume: **5,979**

LCY

Source of estimated volume: AM-1 Exhibit LSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION****Scraper Bowl (volume) Basis:**

Material weight: 2,400 lbs/LCY  
 Material description: Clay and gravel - Dry  
 Rated Payload: 81,600 pounds  
 Payload Capacity: 34.00 LCY

Struck Volume: 24.00 LCY  
 Heaped Volume: 34.00 LCY  
 Average Volume: 29.00 LCY  
 Adjusted Capacity: **29.00** LCY

Cycle Time:Scraper Loading Time: 1.00 MinutesManeuver and Spread Time: 0.60 MinutesJob Condition Correction:

Site Altitude: 6350 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	500.00	1.50	3.00	4.50	2394	0.45

Haul Time: 0.45 minutesReturn Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	500.00	-1.50	3.00	1.50	2960	0.29

Return Time: 0.29 minutesTotal Scraper team cycle time: 2.34 minutesAdjusted for job conditions: 1,234.36 LCY/HourSelected Number of Scrapers: 2 Scraper(s)Adjusted single scraper team (unit) hourly production: 1,234.36 LCY/HourAdjusted multiple scraper team (fleet) hourly production: 1,234.36 LCY/HourUnadjusted unit production/hour: 1,487.18 LCY/Hour

Optimal Number of Scrapers per push dozer: \_\_\_\_\_

**JOB TIME AND COST**Fleet size: 1 Team(s)Total job time: 4.84 HoursUnit cost: \$2.123 /LCYTotal job cost: \$12,690

**SCRAPER TEAM WORK**Task description: **Replace topsoil from stockpile C on regraded strip**Site: **Berry Pit**Permit Action: SI8Permit/Job#: M1977132**PROJECT IDENTIFICATION**Task #: 03AState: ColoradoAbbreviation: NoneDate: 7/11/2025County: Rio BlancoFilename: M132-03aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT**COSTShift basis: 1 per day

Equipment Description	
-Scraper:	Cat 637G w/push-pull
-Dozer:	Cat D8T - 8SU
Support Equipment -Load Area:	Cat D8T - 8SU
-Dump Area:	Cat D8T - 8SU
Road Maintenance -Motor Grader:	CAT 14M
-Water Truck:	Water Tanker, 7,000 Gal.

**Cost Breakdown:****Scraper Work Team****Support Equipment****Maintenance Equipment**

	Scraper	Dozer	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	100	100	100	100
Ownership cost/hour:	\$285.51	\$179.60	\$179.60	\$179.60	\$101.88	\$75.70
Operating cost/hour:	\$313.00	\$110.45	\$110.45	\$110.45	\$73.16	\$78.74
%Utilization-ripper:	NA	NA	NA	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ripper op. cost/hour:	NA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Operator cost/hour:	\$59.78	\$38.02	\$38.02	\$38.02	\$60.00	\$0.00
Unit Subtotals:	\$658.29	\$328.07	\$328.07	\$328.07	\$235.04	\$154.44
Number of Units:	2	1	1	1	1	1
Group Subtotals:	Work: \$1,644.65		Support: \$656.14		Maint:	\$389.48

Total work team cost/hour: **\$2,690.27****MATERIAL QUANTITIES**Initial volume: 8,228

CCY

Swell factor: 1.000Loose volume: **8,228**

LCY

Source of estimated volume: AM-1 Exhibit LSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION****Scraper Bowl (volume) Basis:**

Material weight:	<u>1,600 lbs/LCY</u>	Struck Volume:	<u>24.00</u>	LCY
Material description:	<u>Top Soil</u>	Heaped Volume:	<u>34.00</u>	LCY
Rated Payload:	<u>81,600 pounds</u>	Average Volume:	<u>29.00</u>	LCY
Payload Capacity:	<u>51.00 LCY</u>	Adjusted Capacity:	<b><u>29.00</u></b>	LCY



Cycle Time:Scraper Loading Time: 1.00 MinutesManeuver and Spread Time: 0.60 MinutesJob Condition Correction:

Site Altitude: 6350 feet

	Scraper	Push Dozer	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Travel Time:Road Condition: Firm, smooth, rolling, dirt/lt. surfaced, watered, maintained 3.0Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1100.00	-5.00	3.00	-2.00	2972	0.44

Haul Time: 0.44 minutesReturn Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	1100.00	5.00	3.00	8.00	1931	0.66

Return Time: 0.66 minutesTotal Scraper team cycle time: 2.70 minutesAdjusted for job conditions: 1,069.78 LCY/HourSelected Number of Scrapers: 2 Scraper(s)Adjusted single scraper team (unit) hourly production: 1,069.78 LCY/HourAdjusted multiple scraper team (fleet) hourly production: 1,069.78 LCY/HourUnadjusted unit production/hour: 1,288.89 LCY/Hour

Optimal Number of Scrapers per push dozer: \_\_\_\_\_

**JOB TIME AND COST**Fleet size: 1 Team(s)Total job time: 7.69 HoursUnit cost: \$2.515 /LCYTotal job cost: \$20,692

**BULLDOZER WORK**Task description: Regrade old lease areaSite: Berry Pit Permit Action: SI8 Permit/Job#: M1977132**PROJECT IDENTIFICATION**

Task #: 04A State: Colorado Abbreviation: None  
 Date: 7/11/2025 County: Rio Blanco Filename: M132-04a  
 User: ACY

Agency or organization name: DRMS**HOURLY EQUIPMENT COST**

Basic Machine: Cat D8T - 8SU  
 Horsepower: 310  
 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>\$179.60</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$110.45</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$15.28</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$9.14</u>	<u>100</u>
Operator Cost/Hour:	<u>\$38.02</u>	<u>NA</u>

Total unit Cost/Hour: \$352.49  
 Total Fleet Cost/Hour: **\$352.49**

**MATERIAL QUANTITIES**

Initial Volume: 48,000  
 Swell factor: 1.090  
 Loose volume: **52,320 LCY**

Source of estimated volume: AM-1 Exhibit L  
 Source of estimated swell factor: Cat Handbook

**HOURLY PRODUCTION**

Average push distance: 100 feet  
 Unadjusted hourly production: 852.6 LCY/hr

Materials consistency description: Partly consolidated stockpile 1.1

Average push gradient: 5 %  
 Average site altitude: 6,350 feet

Material weight: 2,400 lbs/LCYWeight description: Clay and gravel - Dry

<u>Job Condition Correction Factor</u>	<u>Source</u>
Operator Skill: <u>0.750</u>	<u>(AVG.)</u>
Material consistency: <u>1.100</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:	0.700	(FND-MF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.958	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4147

Adjusted unit production: 353.57 LCY/hr

Adjusted fleet production: **353.57** LCY/hr

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$0.997/LCY

Total job time: **147.98** Hours

Total job cost: **\$52,159**

**BULLDOZER WORK**Task description: Regrade sediment pondSite: Berry Pit Permit Action: SI8 Permit/Job#: M1977132**PROJECT IDENTIFICATION**

Task #: 05A State: Colorado Abbreviation: None  
 Date: 7/11/2025 County: Rio Blanco Filename: M132-05a  
 User: ACY

Agency or organization name: DRMS**HOURLY EQUIPMENT COST**

Basic Machine: Cat D8T - 8SU  
 Horsepower: 310  
 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>\$179.60</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$110.45</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$15.28</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$9.14</u>	<u>100</u>
Operator Cost/Hour:	<u>\$38.02</u>	<u>NA</u>

Total unit Cost/Hour: \$352.49  
 Total Fleet Cost/Hour: **\$352.49**

**MATERIAL QUANTITIES**

Initial Volume: 4,000  
 Swell factor: 1.135  
 Loose volume: **4,540 LCY**

Source of estimated volume: AM-1 Exhibit L  
 Source of estimated swell factor: Cat Handbook

**HOURLY PRODUCTION**

Average push distance: 115 feet  
 Unadjusted hourly production: 776.8 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: 0 %  
 Average site altitude: 6,350 feet

Material weight: 2,700 lbs/LCYWeight description: Sand and clay - Loose

<u>Job Condition Correction Factor</u>	<u>Source</u>
Operator Skill: <u>0.750</u>	<u>(AVG.)</u>
Material consistency: <u>0.900</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:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.852	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3819

Adjusted unit production: 296.66 LCY/hr

Adjusted fleet production: **296.66** LCY/hr

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$1.188/LCY

Total job time: **15.30** Hours

Total job cost: **\$5,394**

**BULLDOZER WORK**Task description: **Regrade protection berm topsoil**Site: **Berry Pit** Permit Action: **SI8** Permit/Job#: **M1977132****PROJECT IDENTIFICATION**

Task #: 06A State: Colorado Abbreviation: None  
 Date: 7/11/2025 County: Rio Blanco Filename: M132-06a  
 User: ACY

Agency or organization name: DRMS**HOURLY EQUIPMENT COST**

Basic Machine: Cat D8T - 8SU  
 Horsepower: 310  
 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>\$179.60</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$110.45</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$15.28</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$9.14</u>	<u>100</u>
Operator Cost/Hour:	<u>\$38.02</u>	<u>NA</u>

Total unit Cost/Hour: \$352.49  
 Total Fleet Cost/Hour: **\$352.49**

**MATERIAL QUANTITIES**

Initial Volume: 39,200  
 Swell factor: 1.135  
 Loose volume: **44,492 LCY**

Source of estimated volume: AM-1 Exhibit L  
 Source of estimated swell factor: Cat Handbook

**HOURLY PRODUCTION**

Average push distance: 115 feet  
 Unadjusted hourly production: 776.8 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: 5 %  
 Average site altitude: 6,350 feet

Material weight: 2,700 lbs/LCYWeight description: Sand and clay - Loose**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	<u>0.750</u>	<u>(AVG.)</u>
Material consistency:	<u>0.900</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:	0.800	(FND-RF)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.852	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3448

Adjusted unit production: 267.84 LCY/hr

Adjusted fleet production: **267.84** LCY/hr

### **JOB TIME AND COST**

Fleet size: 1 Dozer(s)

Unit cost: \$1.316/LCY

Total job time: **166.11** Hours

Total job cost: **\$58,553**

**REVEGETATION WORK**Task description: **Revegetation**Site: **Berry Pit**Permit Action: **SI8**Permit/Job#: **M1977132****PROJECT IDENTIFICATION**Task #: **07A**State: **Colorado**Abbreviation: **None**Date: **7/11/2025**County: **Rio Blanco**Filename: **M132-07a**User: **ACY**Agency or organization name: **DRMS****FERTILIZING****Materials**

<b>Description</b>	<b>Units / Acre</b>	<b>Unit</b>	<b>Cost / Unit</b>	<b>Cost /Acre</b>
10-34-0, 18-46-0, 5-10-5	200.00	pound	\$0.52	\$104.76
			<b>Total Fertilizer Materials Cost/Acre</b>	<b>\$104.76</b>

**Application**

<b>Description</b>	<b>Cost /Acre</b>
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$46.17
<b>Total Fertilizer Application Cost/Acre</b>	<b>\$46.17</b>

**TILLING**

<b>Description</b>	<b>Cost /Acre</b>
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$114.13
<b>Total Tilling Cost/Acre</b>	<b>\$114.13</b>

**SEEDING**

<b>Seed Mix</b>	<b>Rate – PLS LBS / Acre</b>	<b>Seeds per SQ. FT</b>	<b>Cost /Acre</b>
Indian Ricegrass - Nespar	2.50	8.09	\$44.08
Beardless Wheatgrass - Whitmar	2.40	7.82	\$34.01
Russian Wildrye - Vinal	2.00	8.03	\$14.80
Streambank Wheatgrass - Sodar	2.20	7.17	\$18.70
Western Wheatgrass - Arriba	3.20	8.08	\$29.60
Sagebrush, Mountain or Big	1.00	52.80	\$84.68
<b>Totals Seed Mix</b>	<b>13.30</b>	<b>92.00</b>	<b>\$225.87</b>

**Application**

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Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$242.30
<b>Total Seed Application Cost/Acre</b>	<b>\$242.30</b>

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

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.44	\$4.44
Straw, delivered	2.00	TON	\$504.56	\$1,009.12
<b>Total Mulch Materials Cost/Acre</b>				<b>\$1,013.56</b>

**Application**

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$239.35
Power mulcher (MEANS 32 91 13.16 0350)	\$141.57
Weed spray, truck, non-aquatic area, nox. [DMG]	\$249.08
<b>Total Mulch Application Cost/Acre</b>	<b>\$630.00</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: 49.45                      Cost /Acre: \$2,376.79  
 Estimated Failure Rate: 25%                      Cost /Acre\*: \$2,376.79  
 \*Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,MULCHING

Initial Job Cost: **\$117,532.27**  
 Reseeding Job Cost: **\$29,383.07**  
 Total Job Cost: **\$146,915**  
 Job Hours: **60.00**

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Mobilization**Site: **Berry Pit**Permit Action: SI8Permit/Job#: M1977132**PROJECT IDENTIFICATION**Task #: 08AState: ColoradoAbbreviation: NoneDate: 7/11/2025County: Rio BlancoFilename: M132-08aUser: ACYAgency 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:	\$21.47	\$38.32	\$48.96
Operating Cost/Hour:	\$31.47	\$60.11	\$65.86
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$22.25	\$22.25
Total Unit Cost/Hour:	\$75.46	\$143.20	\$159.59

**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 D8T - 8SU	53.08	\$194.88	\$159.59	2	\$708.94	\$319.18	\$500.00
Cat 637G w/push-pull	59.59	\$285.51	\$159.59	2	\$890.20	\$319.18	\$500.00
CAT 14M	23.57	\$101.88	\$75.46	1	\$177.34	\$75.46	\$250.00
Water Tanker, 7,000 Gal.	29.65	\$75.70	\$143.20	1	\$218.90	\$143.20	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$5.99	\$75.46	1	\$81.45	\$75.46	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$29.91	\$75.46	1	\$105.37	\$75.46	\$250.00

Subtotals: **\$2,182.20** **\$1,007.94** **\$2,000.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T. Crew	\$74.63	2	\$149.26	\$149.26

Subtotals: **\$149.26** **\$149.26**



**EQUIPMENT HAUL DISTANCE and Time**

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

Total Non-Roadable Mob/Demob Cost \* \$14,744.68  
 \*\* two round trips with haul rig:

Total Roadable Mob/Demob Cost \*\* \$298.52  
 \*\* one round trip, no haul rig:

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.00	1.00
Return Time (Hours):	1.00	1.00
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.00	2.00

**JOB TIME AND COST**

Total job time: 6.00 Hours

Total job cost: \$15,043

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: Secondary MobilizationSite: Berry PitPermit Action: SI8Permit/Job#: M1977132**PROJECT IDENTIFICATION**Task #: 08BState: ColoradoAbbreviation: NoneDate: 7/11/2025County: Rio BlancoFilename: M132-08bUser: ACYAgency 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:	\$21.47	\$38.32	\$48.96
Operating Cost/Hour:	\$31.47	\$60.11	\$65.86
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$22.25	\$22.25
Total Unit Cost/Hour:	\$75.46	\$143.20	\$159.59

**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	\$5.99	\$75.46	1	\$81.45	\$75.46	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$29.91	\$75.46	1	\$105.37	\$75.46	\$250.00

Subtotals: **\$186.82** **\$150.92** **\$500.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T. Crew	\$74.63	2	\$149.26	\$149.26

Subtotals: **\$149.26** **\$149.26**

**EQUIPMENT HAUL DISTANCE and Time**

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

Total Non-Roadable Mob/Demob Cost \* \$2,049.12  
 \*\* two round trips with haul rig:  
 Total Roadable Mob/Demob Cost \*\* \$298.52  
 \*\* one round trip, no haul rig:

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	1.00	1.00
Return Time (Hours):	1.00	1.00
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	3.00	2.00

**JOB TIME AND COST**

Total job time: 6.00 Hours

Total job cost: \$2,348