

## 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 PitPermit Action: SI8Permit/Job#: M1977132**PROJECT IDENTIFICATION**Task #: 01AState: ColoradoAbbreviation: NoneDate: 7/11/2025County: Rio BlancoFilename: M132-01aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D8T - 8SUHorsepower: 310Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData 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: \$328.07Total Fleet Cost/Hour: \$328.07**MATERIAL QUANTITIES**Initial Volume: 14,500Swell factor: 1.090Loose volume: 15,805 LCYSource of estimated volume: AM-1 Exhibit LSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 150 feetUnadjusted hourly production: 634.3 LCY/hrMaterials consistency description: Partly consolidated stockpile 1.1Average push gradient: 0 %Average site altitude: 6,350 feetMaterial weight: 2,400 lbs/LCYWeight description: Clay and gravel - Dry**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.100	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

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:	<u>2,400 lbs/LCY</u>	Struck Volume:	<u>24.00</u>	LCY
Material description:	<u>Clay and gravel - Dry</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>34.00 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	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 topsoilSite: 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: SI8Permit/Job#: M1977132**PROJECT IDENTIFICATION**Task #: 07AState: ColoradoAbbreviation: NoneDate: 7/11/2025County: Rio BlancoFilename: M132-07aUser: ACYAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
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**

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

**TILLING**

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

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
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:					<b>\$186.82</b>	<b>\$150.92</b>	<b>\$500.00</b>

**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:			<b>\$149.26</b>	<b>\$149.26</b>

**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