




**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

<b>MINE NAME:</b> North Bank Resources	<b>MINE/PROSPECTING ID#:</b> M-2006-018	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Garfield
<b>INSPECTION TYPE:</b> Monitoring	<b>WEATHER:</b> Clear	<b>INSP. DATE:</b> May 27, 2025	<b>INSP. TIME:</b> 09:30
<b>OPERATOR:</b> Oldcastle SW Group, Inc. dba United Compas County	<b>OPERATOR REPRESENTATIVE:</b> Jesse Farmer	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$231,576.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Todd Jesse	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> June 18, 2025	

**GENERAL INSPECTION TOPICS**

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>N</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

This inspection report was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining, and Safety's Active Mines Program. The North Banks Resources is a 112c Operation operated by Oldcastle SW Group, Inc. dba United Companies of Mesa County. The site is located 2 miles east of Rifle, CO at an elevation of approximately 5,300 feet. Public access is controlled by a gate off Hwy 6. Jesse Farmer of Oldcastle was present during the inspection.

### **Financial Warranty:**

The Division currently holds a financial warranty of \$231,576.00. The last bond calculation was done in 2019. In an effort to ensure the financial warranty remains adequate to reclaim this site per the requirements of the approved reclamation plan, DRMS has updated the Reclamation Cost Estimate. The updated estimate is attached to this inspection report. Calculations estimate the cost of reclamation to be \$267,433. This is an increase of \$35,857 over the current surety of \$231,576 held by the Division. A Notice of Surety Increase will be sent under a separate cover once the operator has had the opportunity to review the estimate and dispute any calculations.

### **Fish and Wildlife:**

Geese were observed on the ponds.

### **Hydrologic Balance:**

Groundwater has been exposed on site. Exposed groundwater is directed through ditches to a discharge point to the south of the pit where water is discharged to the Colorado River under a CDPHE permit. No hydrocarbons are stored on site.

### **Gen. Compliance With Mine Plan:**

The conveyor is utilized to transport material across the Colorado River for easier truck access to I-70. Stockpiles are located near the conveyor. Mining is occurring in the north central region of the permit area – highwall is approximately 25' high. The eastern pond has been reclaimed.

### **Reclamation Success:**

Eastern portions of the permit area have been reclaimed. The slopes of the reclaimed area appear stable with no signs of erosion. The vegetation in the area is diverse and self sustaining. There is a minor infestation of Russian olive trees, but they are very prolific outside of the permit area and the number inside of the reclaimed area was not noted as significant.

### **Signs and Markers:**

The mine identification sign and boundary markers are in place and in compliance with Rule 3.1.12. The sign is posted by the entrance to site. The permit boundary is marked with fence line and posts that are easily identifiable as well as earthen berms

### **Topsoil:**

Topsoil stockpiles are located to the north of the mining area in the permit boundary. Sufficient topsoil is present to complete reclamation.

Photos that show site conditions can be found at the end of the report.

All responses to this report should be directed to Todd Jesse with the Division's Active Mines Program at DRMS, Room 215, 1001 E. 62nd Ave. Denver, CO 80216. Direct contact can be made at the Division's Grand Junction Field Office, by phone at (720) 688-0626 or by email at [todd.jesse@state.co.us](mailto:todd.jesse@state.co.us).

## PHOTOGRAPHS



Photo 1: View to the east of proper mine ID sign.



Photo 2: View to the south of conveyor corridor.





Photo 3: View to the south of groundwater. Discharge pipe can be seen in the background.



Photo 4: View to the east of mining area.





Photo 5: View to the south of material sotckpiles



Photo 6: View to the south of reclaimed area.

**Inspection Contact Address**

Jesse Farmer  
Oldcastle SW Group, Inc. dba United Companies of Mesa County  
2273 River Road  
Grand Junction, CO 81502

Enclosure: 2025-06-16 Reclamation Cost Estimate

CC:

## COST SUMMARY WORK

Task description: \_\_\_\_\_

Site: North Bank Resources

Permit Action: 2025-06

Permit/Job#: M2006018

### PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 6/16/2025

County: Garfield

Filename: M018-000

User: TJ1

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	B-Secondary Seeding of upland areas 35% of 5.6 ac	REVEGE	1	3.00	\$3,763
01b	B-Secondary Seeding of riparian areas 35% of 3.3 ac	REVEGE	1	2.00	\$3,201
02a	A-Demo Conveyor	DEMOLISH	1	40.00	\$60,367
03a	A- Dewater SE pit for grading	PUMPING	1	121.41	\$8,497
03b	A- Dewater SW pit for grading	PUMPING	1	9.16	\$641
04a	A-Reduce slopes to 3H:1V	DOZER	2	55.17	\$35,486
05a	A-Rip compacted areas to be reveg	RIPPER	2	12.46	\$8,580
06a	A-Transport topsoil to E	LOADER	2	39.36	\$12,381
06b	A-Transport topsoil to W	LOADER	2	16.55	\$5,208
06c	A-Distribute topsoil	DOZER	2	15.85	\$10,194
07a	A-Seeding of upland areas	REVEGE	1	23.00	\$42,248
07b	A-Seeding of riparian areas	REVEGE	1	2.50	\$6,333
08a	Initial Mobilization	MOBILIZE	1	2.40	\$10,029
08b	Secondary Mobilization	MOBILIZE	1	2.40	\$1,449
<b><u>SUBTOTALS:</u></b>				<b>345.26</b>	<b>\$208,377</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02  
Performance bond: 1.05  
Job superintendent: 110.00  
Profit: 10.00

Total = \$4,209

Total = \$2,188

Total = \$8,720

Total = \$20,838

TOTAL O & P = \$35,955

CONTRACT AMOUNT (direct + O & P) = \$244,332

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$500  
Engineering work and/or contract/bid preparation: 4.25  
Reclamation management and/or administration: 5.00

Total = \$500

Total = \$10,384

\$12,217

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$59,055



**TOTAL BOND AMOUNT (direct + indirect) = \$267,432**

**REVEGETATION WORK**Task description: **B-Secondary Seeding of upland areas 35% of 5.6 ac**Site: **North Bank Resources**Permit Action: 2025-06Permit/Job#: M2006018**PROJECT IDENTIFICATION**Task #: 01AState: ColoradoAbbreviation: NoneDate: 6/16/2025County: GarfieldFilename: M018-01aUser: TJ1Agency or organization name: DRMS**FERTILIZING****Materials**

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

**Application**

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

**TILLING**

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

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	2.00	78.05	\$58.17
Alkaligrass, Fult's	2.00	55.10	\$14.70
Blue Grama - Native	1.00	16.32	\$21.33
Bottlebrush Squirreltail	1.00	4.41	\$25.41
Galleta	1.00	3.65	\$55.44
Western Wheatgrass - Arriba	2.50	6.31	\$22.58
Saltgrass, Inland	0.50	6.93	\$24.92
<b>Totals Seed Mix</b>	<b>10.00</b>	<b>170.77</b>	<b>\$222.53</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
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Herbicide - Glyphosate (Journey)@ 1.0 pt/ac	1.00	ACRE	\$3.86	\$3.86
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
<b>Total Mulch Materials Cost/Acre</b>				<b>\$993.55</b>

**Application**

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$85.37
Power mulcher (MEANS 32 91 13.16 0350)	\$157.25
Weed spray, truck, aquatic area, nox. [DMG]	\$79.77
Weed spray, truck, non-aquatic areas, ann. [DMG]	\$27.19
<b>Total Mulch Application Cost/Acre</b>	<b>\$349.58</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: 1.96                      Cost /Acre: \$1,919.91  
 Estimated Failure Rate: 0%              Cost /Acre\*: \$0.00  
 \*Selected Replanting Work Items: NONE

Initial Job Cost: **\$3,763.02**  
 Reseeding Job Cost: **\$0.00**  
 Total Job Cost: **\$3,763**  
 Job Hours: **3.00**



**REVEGETATION WORK**Task description: B-Secondary Seeding of riparian areas 35% of 3.3 acSite: North Bank ResourcesPermit Action: 2025-06Permit/Job#: M2006018**PROJECT IDENTIFICATION**Task #: 01BState: ColoradoAbbreviation: NoneDate: 6/16/2025County: GarfieldFilename: M018-01bUser: TJ1Agency or organization name: DRMS**FERTILIZING****Materials**

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

**Application**

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

**TILLING**

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

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	1.50	58.54	\$43.63
Alkali Bulrush	0.10	0.99	\$6.40
Creeping Spike Rush	0.10	1.42	\$14.56
Alkaligrass, Fult's	0.10	2.75	\$0.73
Common Rush	0.90	151.35	\$188.00
Common Three Square	0.80	7.35	\$140.81
Beaked Sedge	1.50	12.48	\$406.65
Softstem Bulrush	0.80	10.10	\$94.15
Torrey's Rush	0.40	96.00	\$110.76
Nebraska Sedge	0.30	6.28	\$44.02

Western Wheatgrass - Native	0.30	0.76	\$2.70
Saltgrass, Inland	0.10	1.39	\$4.98
<b>Totals Seed Mix</b>	<b>6.90</b>	<b>349.42</b>	<b>\$1,057.39</b>

**Application**

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

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

<b>Description</b>	<b>Units / Acre</b>	<b>Unit</b>	<b>Cost / Unit</b>	<b>Cost /Acre</b>
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Herbicide - Glyphosate (Journey)@ 1.0 pt/ac	1.00	ACRE	\$3.86	\$3.86
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
<b>Total Mulch Materials Cost/Acre</b>				<b>\$993.55</b>

**Application**

<b>Description</b>	<b>Cost /Acre</b>
Crimping, with tractor {DMG survey data}	\$85.37
Power mulcher (MEANS 32 91 13.16 0350)	\$157.25
Weed spray, truck, aquatic area, annuals [DMG]	\$31.79
Weed spray, truck, aquatic area, nox. [DMG]	\$79.77
<b>Total Mulch Application Cost/Acre</b>	<b>\$354.18</b>

**NURSERY STOCK PLANTING**

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

**JOB TIME AND COST**

No. of Acres: 1.16 Cost /Acre: \$2,759.37  
 Estimated Failure Rate: 0% Cost /Acre\*: \$0.00  
 \*Selected Replanting Work Items: NONE

Initial Job Cost: \$3,200.87  
 Reseeding Job Cost: \$0.00  
 Total Job Cost: \$3,201  
 Job Hours: 2.00

## DEMOLITION WORK

Task description: **A-Demo Conveyor**

Site: **North Bank Resources**

Permit Action: 2025-06

Permit/Job#: M2006018

### PROJECT IDENTIFICATION

Task #: 02A

State: Colorado

Abbreviation: None

Date: 6/16/2025

County: Garfield

Filename: M018-02a

User: TJ1

Agency or organization name: DRMS

### UNIT COSTS

Location adjustment: 95.50 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Conveyor-Belt Structure	900 LF x 10'W x 4'H	Conveyor, Demolition Cost only	36,000.00	CF	\$0.44	\$15,685.20
Conveyor-Load/Haul Belt Structure	36000 CF	Loading and 2 mile haul, no salvage - Machine loading	1,333.00	CY	\$21.15	\$28,192.95
Conveyor- Haul Belt Structure	11 mi x 75 Trips	Hauling only, per mile, 12-18 CY truck - 50 mph average speed	825.00	MI	\$4.43	\$3,657.64
Conveyor-Demo Footers	4 pairs	Demo. and on-site disposal in existing pit, 2.0 ft. x 3 ft. - Max. 10,000 ft. haul	32.00	LF	\$13.88	\$444.11
Conveyor-metal suport load/haul	4 pairs (2'Diam x	Loading and 2 mile haul, no salvage - Machine loading	12.00	CY	\$21.15	\$253.80
Conveyor-metal supports haul	11 mi x 12 cy	Hauling only, per mile, 12-18 CY truck - 50 mph average speed	11.00	MI	\$4.43	\$48.77
Conveyor-Disposal	All non-rubble materials	Dump fees - Building construction materials.	1,345.00	CY	\$11.10	\$14,929.50

Job Hours: 40.00

**Subtotal**  
(unadjusted): \$63,211.97

**Total Cost**  
(adjusted for location): \$60,367.43



## PUMPING WORK

Task description: A- Dewater SE pit for grading

Site: North Bank Resources

Permit Action: 2025-06

Permit/Job#: M2006018

### PROJECT IDENTIFICATION

Task #: 03A

State: Colorado

Abbreviation: None

Date: 6/16/2025

County: Garfield

Filename: M018-03a

User: TJ1

Agency or organization name: DRMS

### HOURLY EQUIPMENT COST

	Description	Quantity
Make and Model:	Submersible pump - 460v, 8 in.	3
Attachment 1:	Suction hose - 6 in. diam., 25 ft.	3
Attachment 2:	Discharge hose - 6 in. D., 25 ft.	24
Labor Unit 1:	Pump operator	1

Horsepower: 95

Shift Basis: 1 per day

Weight: 0.70

(US Tons)

#### Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	\$34.71	NA
Operating Cost/Hour:	\$13.20	100
Operator Cost/Hour:	\$22.07	NA
Total Unit Cost/Hour:	\$69.98	

Total Fleet Cost/Hour: \$69.98

### PUMPING QUANTITIES

Initial Pond Volume:	<u>164.00</u>		Conversion factor:	<u>325850.5800</u>
Final Pond Volume:	<u>53,439,495.12</u>	gallons		
Total Pond Inflow Surface Area:	<u>357,192</u>	Sq. ft.	Unit inflow rate in gph/sq. ft.:	<u>0.3516</u>
Total Pond Inflow Volume per Hour:	<u>125,588.71</u>	gallons		

Source of estimated volume: 8.2 ac 20' D

### PUMPING TIME

Maximum Pump Capacity:	<u>170,000</u>	gph/pump
Estimated Suction Head:	<u>5</u>	feet
Estimated Discharge Head:	<u>10</u>	feet
Total Head:	<u>15</u>	feet
CPB Pump Capacity:	<u>168,000</u>	gph/pump
Site Altitude:	<u>5,350</u>	feet
Adjusted Pumping Capacity:	<u>504,000</u>	gph
Initial Unadjusted Pumping Time:	<u>106.03</u>	hours
Inflow during Initial Pumping:	<u>13,316,264</u>	gallons
Net Unadjusted Pumping Time:	<u>132.45</u>	Hours
Altitude Adjustment Factor:	<u>1.0000</u>	(3% rule)
Pump Efficiency Factor:	<u>0.9167</u>	(55 min./hr.)
Total Adjusted Pumping Time:	<u>121.42</u>	hours

### JOB TIME AND COST

Total job time: 121.42 Hours

Unit cost: \$0.000127 /Gallon

Total job cost: \$8,497

## PUMPING WORK

Task description: A- Dewater SW pit for grading

Site: North Bank Resources

Permit Action: 2025-06

Permit/Job#: M2006018

### PROJECT IDENTIFICATION

Task #: 03B

State: Colorado

Abbreviation: None

Date: 6/16/2025

County: Garfield

Filename: M018-03b

User: TJ1

Agency or organization name: DRMS

### HOURLY EQUIPMENT COST

	Description	Quantity
Make and Model:	Submersible pump - 460v, 8 in.	3
Attachment 1:	Suction hose - 6 in. diam., 25 ft.	3
Attachment 2:	Discharge hose - 6 in. D., 25 ft.	24
Labor Unit 1:	Pump operator	1

Horsepower: 95

Shift Basis: 1 per day

Weight: 0.70

(US Tons)

#### Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	\$34.71	NA
Operating Cost/Hour:	\$13.20	100
Operator Cost/Hour:	\$22.07	NA
Total Unit Cost/Hour:	\$69.98	

Total Fleet Cost/Hour: \$69.98

### PUMPING QUANTITIES

Initial Pond Volume:	<u>15.00</u>		Conversion factor:	<u>325850.5800</u>
Final Pond Volume:	<u>4,887,758.70</u>	gallons		
Total Pond Inflow Surface Area:	<u>43,560</u>	Sq. ft.	Unit inflow rate in gph/sq. ft.:	<u>0.3516</u>
Total Pond Inflow Volume per Hour:	<u>15,315.70</u>	gallons		

Source of estimated volume: 1 ac 15' D

### PUMPING TIME

Maximum Pump Capacity:	<u>170,000</u>	gph/pump
Estimated Suction Head:	<u>5</u>	feet
Estimated Discharge Head:	<u>10</u>	feet
Total Head:	<u>15</u>	feet
CPB Pump Capacity:	<u>168,000</u>	gph/pump
Site Altitude:	<u>5,350</u>	feet
Adjusted Pumping Capacity:	<u>504,000</u>	gph
Initial Unadjusted Pumping Time:	<u>9.70</u>	hours
Inflow during Initial Pumping:	<u>148,531</u>	gallons
Net Unadjusted Pumping Time:	<u>9.99</u>	Hours
Altitude Adjustment Factor:	<u>1.0000</u>	(3% rule)
Pump Efficiency Factor:	<u>0.9167</u>	(55 min./hr.)
Total Adjusted Pumping Time:	<u>9.16</u>	hours

### JOB TIME AND COST

Total job time: 9.16 Hours

Unit cost: \$0.000127 /Gallon

Total job cost: \$641

**BULLDOZER WORK**Task description: **A-Reduce slopes to 3H:1V**Site: **North Bank Resources** Permit Action: **2025-06** Permit/Job#: **M2006018****PROJECT IDENTIFICATION**

Task #: 04A State: Colorado Abbreviation: None  
 Date: 6/16/2025 County: Garfield Filename: M018-04a  
 User: TJ1

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:	<u>\$173.32</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$109.71</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>\$38.59</u>	<u>NA</u>

Total unit Cost/Hour: \$321.62  
 Total Fleet Cost/Hour: **\$643.23**

**MATERIAL QUANTITIES**

Initial Volume: 27,147  
 Swell factor: 1.050  
 Loose volume: **28,504 LCY**

Source of estimated volume: Staff Estimates  
 Source of estimated swell factor: Cat Handbook

**HOURLY PRODUCTION**

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

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: 0 %  
 Average site altitude: 5,350 feet

Material weight: 3,400 lbs/LCYWeight description: Sand and gravel - Wet

<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:	0.676	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3030

Adjusted unit production: 258.34 LCY/hr

Adjusted fleet production: **516.68** LCY/hr

### **JOB TIME AND COST**

Fleet size: 2 Dozer(s)

Unit cost: \$1.245/LCY

Total job time: **55.17** Hours

Total job cost: **\$35,486**

## BULLDOZER RIPPING WORK

Task description: A-Rip compacted areas to be reveg

Site: North Bank Resources Permit Action: 2025-06 Permit/Job#: M2006018

### PROJECT IDENTIFICATION

Task #: 05A State: Colorado Abbreviation: None  
Date: 6/16/2025 County: Garfield Filename: M018-05a  
User: TJ1

Agency or organization name: DRMS

### HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU Horsepower: 310  
Ripper Attachment: 3-Shank Ripper Shift Basis: 1 per day  
Data Source: (CRG)

#### Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	<u>\$173.32</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$109.71</u>	<u>100</u>
Ripper Ownership Cost/Hour:	<u>\$14.53</u>	<u>NA</u>
Ripper Operating Cost/Hour:	<u>\$7.95</u>	<u>100</u>
Operator Cost/Hour:	<u>\$38.59</u>	<u>NA</u>
Total Unit Cost/Hour:	<u>\$344.10</u>	
Total Fleet Cost/Hour:	<u>\$688.19</u>	

### MATERIAL QUANTITIES

Selected estimating method: Area

#### Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA  
Area: 16.00 acres Rip Depth (ft): 2.00 Volume: 51,627 BCY or CCY

Source of estimated quantity: Staff Estimates

### HOURLY PRODUCTION

#### Seismic:

Seismic Velocity: NA feet/second

#### Area:

Average Ripping Depth:	<u>2.56</u>	<u>feet/pass</u>
Average Ripping Width:	<u>7.08</u>	<u>feet/pass</u>
Average Ripping Length:	<u>200.00</u>	<u>feet/pass</u>
Average Dozer Speed:	<u>88.00</u>	<u>feet/minute</u>
Average Maneuver Time:	<u>0.25</u>	<u>minutes/pass</u>
Production per unit area:	<u>0.773</u>	<u>acres/hour</u>

#### Job Condition Correction Factors

Unadjusted Hourly Unit Production:	<u>0.773</u>	<u>Acres/hr</u>
Site Altitude:	<u>5,350</u>	<u>feet</u>
Altitude Adj:	<u>1.00</u>	<u>(CAT HB)</u>
Job Efficiency:	<u>0.83</u>	<u>(1 shift/day)</u>
Net Correction:	<u>0.83</u>	<u>multiplier</u>

Adjusted Hourly Unit Production: 0.64 Acres/hr  
Adjusted Hourly Fleet Production: 1.28 Acres/hr

### JOB TIME AND COST

Fleet size: 2 Grader(s) Total job time: 12.47 Hours

Unit cost: \$536.229 Per acre Total job cost: \$8,580

**WHEEL LOADER – LOAD AND CARRY WORK**Task description: A-Transport topsoil to ESite: North Bank ResourcesPermit Action: 2025-06Permit/Job#: M2006018**PROJECT IDENTIFICATION**Task #: 06AState: ColoradoAbbreviation: NoneDate: 6/16/2025County: GarfieldFilename: M018-06aUser: TJ1Agency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: CAT 972HAttachment 1: ROPS CabHorsepower: 287Shift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		Utilization %
Ownership Cost/Hour:	\$62.43	NA
Operating Cost/Hour:	\$57.98	100
Operator Cost/Hour:	\$36.85	NA
Total Unit Cost/Hour:	\$157.26	
Total Fleet Cost/Hour:	\$314.53	

**MATERIAL QUANTITIES**Initial volume: 19,360

CCY

Swell factor: 1.115Loose volume: 21,586

LCY

Source of estimated volume: Approximate 12 ac. at 12" depth (East side of cell A)Source of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Loader Cycle Time: Unadjusted Basic Cycle Time (load, dump, maneuver): 0.525 minutes

Cycle Time Factors		Factor (min.)	Source
Material:	Material 1/8" to 3/4" diameter -0.02	-0.020	(Cat HB)
Stockpile:	Conveyor or dozer piled 10 ft. high or less 0.01	0.010	(Cat HB)
Truck Ownership:	Common ownership of trucks and loaders -0.04	-0.040	(Cat HB)
Operation:	Constant operation -0.04	-0.040	(Cat HB)
Dump Target:	Nominal target 0.00	0.000	(Cat HB)
Net Cycle Time Adjustment:		-0.090	minutes
Adjusted Basic Cycle Time:		0.435	minutes

**Rolling Resistance – Road Conditions**Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0**Haul and Return Time**

	Length (feet)	Grade Res. (%)	Rolling Res. (%)	Total Res. (%)	Travel Time (minutes)	Source
Haul Route:	350	-2.00	8.00	6.00	0.3485	(Cat HB)
Return Route:	350	2.00	5.00	7.00	0.3353	(Cat HB)

Total Travel Time: 0.6838 minutes  
 Total Cycle Time: 1.1188 minutes

Load Bucket Capacity

Rated Capacity: 5.60 LCY (heaped)  
 Bucket Fill Factor: 1.100 Other - rock/dirt mixtures (100-120%) 1.100  
 Adjusted Capacity: 6.16 LCY

Job Condition Correction Factors

Site Altitude: 5350 feet

		Source
Altitude Adj:	<u>1.00</u>	(CAT HB)
Job Efficiency:	<u>0.83</u>	(1 shift/day)
Net Correction:	<u>0.83</u>	multiplier

Unadjusted Hourly Unit Production: 330.34 LCY/Hour  
 Adjusted Hourly Unit Production: 274.18 LCY/Hour  
 Adjusted Hourly Fleet Production: 548.36 LCY/Hour

JOB TIME AND COST

Fleet size: 2 Loader(s) Total job time: 39.37 Hours  
 Unit cost: \$0.574 /LCY Total job cost: \$12,381

**WHEEL LOADER – LOAD AND CARRY WORK**Task description: A-Transport topsoil to WSite: North Bank ResourcesPermit Action: 2025-06Permit/Job#: M2006018**PROJECT IDENTIFICATION**Task #: 06BState: ColoradoAbbreviation: NoneDate: 6/16/2025County: GarfieldFilename: M018-06bUser: TJ1Agency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: CAT 972HAttachment 1: ROPS CabHorsepower: 287Shift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		Utilization %
Ownership Cost/Hour:	\$62.43	NA
Operating Cost/Hour:	\$57.98	100
Operator Cost/Hour:	\$36.85	NA
Total Unit Cost/Hour:	\$157.26	
Total Fleet Cost/Hour:	\$314.53	

**MATERIAL QUANTITIES**Initial volume: 6,453

CCY

Swell factor: 1.115Loose volume: 7,195

LCY

Source of estimated volume: Approximate 14 ac. at 12" depth (West side of cell A)Source of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Loader Cycle Time: Unadjusted Basic Cycle Time (load, dump, maneuver): 0.525 minutes

Cycle Time Factors		Factor (min.)	Source
Material:	Material 1/8" to 3/4" diameter -0.02	-0.020	(Cat HB)
Stockpile:	Conveyor or dozer piled 10 ft. high or less 0.01	0.010	(Cat HB)
Truck Ownership:	Common ownership of trucks and loaders -0.04	-0.040	(Cat HB)
Operation:	Constant operation -0.04	-0.040	(Cat HB)
Dump Target:	Nominal target 0.00	0.000	(Cat HB)
Net Cycle Time Adjustment:		-0.090	minutes
Adjusted Basic Cycle Time:		0.435	minutes

**Rolling Resistance – Road Conditions**Haul: Soft, rutted dirt, no maintenance or water, 4" tire penetration 8.0Return: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0**Haul and Return Time**

	Length (feet)	Grade Res. (%)	Rolling Res. (%)	Total Res. (%)	Travel Time (minutes)	Source
Haul Route:	500	-2.00	8.00	6.00	0.4979	(Cat HB)
Return Route:	500	2.00	5.00	7.00	0.4790	(Cat HB)

Total Travel Time: 0.9769 minutes  
Total Cycle Time: 1.4119 minutes

Load Bucket Capacity

Rated Capacity: 5.60 LCY (heaped)  
Bucket Fill Factor: 1.100 Other - rock/dirt mixtures (100-120%) 1.100  
Adjusted Capacity: 6.16 LCY

Job Condition Correction Factors

Site Altitude: 5350 feet

Altitude Adj:	<u>1.00</u>	Source (CAT HB)
Job Efficiency:	<u>0.83</u>	(1 shift/day)
Net Correction:	<u>0.83</u>	multiplier

Unadjusted Hourly Unit Production: 261.77 LCY/Hour  
Adjusted Hourly Unit Production: 217.27 LCY/Hour  
Adjusted Hourly Fleet Production: 434.54 LCY/Hour

JOB TIME AND COST

Fleet size: 2 Loader(s) Total job time: 16.56 Hours  
Unit cost: \$0.724 /LCY Total job cost: \$5,208



**BULLDOZER WORK**Task description: **A-Distribute topsoil**Site: **North Bank Resources** Permit Action: **2025-06** Permit/Job#: **M2006018****PROJECT IDENTIFICATION**

Task #: **06C** State: **Colorado** Abbreviation: **None**  
 Date: **6/16/2025** County: **Garfield** Filename: **M018-06c**  
 User: **TJ1**

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:	\$173.32	NA
Operating Cost/Hour:	\$109.71	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$38.59	NA

Total unit Cost/Hour: **\$321.62**  
 Total Fleet Cost/Hour: **\$643.23**

**MATERIAL QUANTITIES**

Initial Volume: **29,040**  
 Swell factor: **1.000**  
 Loose volume: **29,040 LCY**

Source of estimated volume: **18 ac 12" transported volume**  
 Source of estimated swell factor: **Cat Handbook**

**HOURLY PRODUCTION**

Average push distance: **50 feet**  
 Unadjusted hourly production: **1,400.0 LCY/hr**

Materials consistency description: **Loose stockpile 1.2**

Average push gradient: **0 %**  
 Average site altitude: **5,350 feet**

Material weight: **2,100 lbs/LCY**Weight description: **Earth - Loam****Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(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:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.095	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6544

Adjusted unit production: 916.16 LCY/hr

Adjusted fleet production: **1832.32** LCY/hr

### **JOB TIME AND COST**

Fleet size: 2 Dozer(s)

Unit cost: \$0.351/LCY

Total job time: **15.85** Hours

Total job cost: **\$10,194**

**REVEGETATION WORK**Task description: A-Seeding of upland areasSite: North Bank ResourcesPermit Action: 2025-06Permit/Job#: M2006018**PROJECT IDENTIFICATION**Task #: 07AState: ColoradoAbbreviation: NoneDate: 6/16/2025County: GarfieldFilename: M018-07aUser: TJ1Agency or organization name: DRMS**FERTILIZING****Materials**

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

**Application**

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

**TILLING**

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

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	2.00	78.05	\$58.17
Alkaligrass, Fult's	2.00	55.10	\$14.70
Blue Grama - Native	1.00	16.32	\$21.33
Bottlebrush Squirreltail	1.00	4.41	\$25.41
Galleta	1.00	3.65	\$55.44
Western Wheatgrass - Arriba	2.50	6.31	\$22.58
Saltgrass, Inland	0.50	6.93	\$24.92
<b>Totals Seed Mix</b>	<b>10.00</b>	<b>170.77</b>	<b>\$222.53</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
			\$	\$
<b>Total Mulch Materials Cost/Acre</b>				<b>\$</b>

**Application**

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$85.37
Power mulcher (MEANS 32 91 13.16 0350)	\$157.25
Weed spray, truck, aquatic area, nox. [DMG]	\$79.77
Weed spray, truck, non-aquatic areas, ann. [DMG]	\$27.19
<b>Total Mulch Application Cost/Acre</b>	<b>\$349.58</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: 16.3 Cost /Acre: \$1,919.91  
 Estimated Failure Rate: 35% Cost /Acre\*: \$1,919.91  
 \*Selected Replanting Work Items: TILLING,SEEDING,MULCHING

Initial Job Cost: **\$31,294.53**  
 Reseeding Job Cost: **\$10,953.09**  
 Total Job Cost: **\$42,248**  
 Job Hours: **23.00**

**REVEGETATION WORK**Task description: A-Seeding of riparian areasSite: North Bank ResourcesPermit Action: 2025-06Permit/Job#: M2006018**PROJECT IDENTIFICATION**Task #: 07BState: ColoradoAbbreviation: NoneDate: 6/16/2025County: GarfieldFilename: M018-07bUser: TJ1Agency or organization name: DRMS**FERTILIZING****Materials**

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

**Application**

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

**TILLING**

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

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	1.50	58.54	\$43.63
Alkali Bulrush	0.10	0.99	\$6.40
Creeping Spike Rush	0.10	1.42	\$14.56
Alkaligrass, Fult's	0.10	2.75	\$0.73
Common Rush	0.90	151.35	\$188.00
Common Three Square	0.80	7.35	\$140.81
Beaked Sedge	1.50	12.48	\$406.65
Softstem Bulrush	0.80	10.10	\$94.15
Torrey's Rush	0.40	96.00	\$110.76
Nebraska Sedge	0.30	6.28	\$44.02

Western Wheatgrass - Native	0.30	0.76	\$2.70
Saltgrass, Inland	0.10	1.39	\$4.98
<b>Totals Seed Mix</b>	<b>6.90</b>	<b>349.42</b>	<b>\$1,057.39</b>

**Application**

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

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

<b>Description</b>	<b>Units / Acre</b>	<b>Unit</b>	<b>Cost / Unit</b>	<b>Cost /Acre</b>
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.13	\$4.13
Herbicide - Glyphosate (Journey)@ 1.0 pt/ac	1.00	ACRE	\$3.86	\$3.86
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
<b>Total Mulch Materials Cost/Acre</b>				<b>\$993.55</b>

**Application**

<b>Description</b>	<b>Cost /Acre</b>
Crimping, with tractor {DMG survey data}	\$85.37
Power mulcher (MEANS 32 91 13.16 0350)	\$157.25
Weed spray, truck, aquatic area, annuals [DMG]	\$31.79
Weed spray, truck, aquatic area, nox. [DMG]	\$79.77
<b>Total Mulch Application Cost/Acre</b>	<b>\$354.18</b>

**NURSERY STOCK PLANTING**

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

**JOB TIME AND COST**

No. of Acres: 1.7 Cost /Acre: \$2,759.37  
 Estimated Failure Rate: 35% Cost /Acre\*: \$2,759.37  
 \*Selected Replanting Work Items: TILLING,SEEDING,MULCHING

Initial Job Cost: \$4,690.93  
 Reseeding Job Cost: \$1,641.83  
 Total Job Cost: \$6,333  
 Job Hours: 2.50



**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Initial Mobilization**Site: **North Bank Resources**Permit Action: **2025-06**Permit/Job#: **M2006018****PROJECT IDENTIFICATION**

Task #: **08A** State: **Colorado** Abbreviation: **None**  
 Date: **6/16/2025** County: **Garfield** Filename: **M018-08a**  
 User: **TJ1**

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:**

<b>Available Rig Capacities</b>	<b>0-25 Tons</b>	<b>26-50 Tons</b>	<b>51+ Tons</b>
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
Grove RT760E, 110', 54.40 MT	42.34	\$176.37	\$122.78	1	\$299.15	\$122.78	\$250.00
Cat 385C L 18'-1" Stick	95.42	\$220.92	\$125.64	1	\$346.56	\$125.64	\$250.00
CAT 972H	28.00	\$62.43	\$122.78	2	\$370.42	\$245.56	\$500.00
CAT 973D	29.07	\$120.46	\$122.78	1	\$243.24	\$122.78	\$250.00
Cat D8T - 8SU	53.08	\$187.85	\$125.64	2	\$626.98	\$251.28	\$500.00
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	1	\$100.46	\$59.44	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00
Submersible pump - 460v, 8 in.	0.70	\$9.89	\$59.44	1	\$69.33	\$59.44	\$250.00

Subtotals: **\$2,142.79** **\$1,046.36** **\$2,500.00**

**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	\$75.09	1	\$75.09	\$75.09
Flatbed Truck, 4x2, 15K GVW	\$64.31	1	\$64.31	\$64.31
Generic 15-18 cy, 6x4	\$129.15	3	\$387.45	\$387.45

Subtotals:	<b>\$526.85</b>	<b>\$526.85</b>
------------	-----------------	-----------------

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region: RIFLE  
 Total one-way travel distance: 5.00 miles  
 Average Travel Speed: 50.00 mph

Total Non-Roadable Mob/Demob Cost \* \$9,923.41  
 \*\* two round trips with haul rig:  
 Total Roadable Mob/Demob Cost \*\* \$105.37  
 \*\* one round trip, no haul rig:

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.10	0.10
Return Time (Hours):	0.10	0.10
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.20	0.20

**JOB TIME AND COST**

Total job time: 2.40 Hours

Total job cost: \$10,029

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Secondary Mobilization**Site: **North Bank Resources**Permit Action: **2025-06**Permit/Job#: **M2006018****PROJECT IDENTIFICATION**Task #: **08B**State: **Colorado**Abbreviation: **None**Date: **6/16/2025**County: **Garfield**Filename: **M018-08b**User: **TJ1**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:**

<b>Available Rig Capacities</b>	<b>0-25 Tons</b>	<b>26-50 Tons</b>	<b>51+ Tons</b>
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	1	\$100.46	\$59.44	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00

Subtotals: **\$187.11** **\$118.88** **\$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	\$68.74	1	\$68.74	\$68.74

Subtotals: **\$68.74** **\$68.74**

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region: RIFLE  
 Total one-way travel distance: 5.00 miles  
 Average Travel Speed: 50.00 mph

Total Non-Roadable Mob/Demob Cost \* \$1,435.42  
 \*\* two round trips with haul rig:  
 Total Roadable Mob/Demob Cost \*\* \$13.75  
 \*\* one round trip, no haul rig:

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.10	0.10
Return Time (Hours):	0.10	0.10
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.20	0.20

**JOB TIME AND COST**

Total job time: 2.40 Hours

Total job cost: \$1,449