



July 15, 2025

Jason Burkey
Oldcastle SW Group, Inc. dba United Companies
2273 River Road
Grand Junction, CO 81505

RE: White River City Pit, Permit No. M-2006-084, Proposed Surety Increase (SI-3)

Dear Mr. Burkey:

This reclamation cost update was in response to the site inspection conducted on July 3, 2025. It is Division policy to periodically update its costs to ensure that the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan.

The bond was last recalculated in 2021 with SI-2. The permit was revised in 2022 with TR-1 however the bond was not updated to reflect these changes. Below is a table summarizing input values that have been updated since SI-2 and include the figures presented under TR-1. This table does not account for price changes resulting from inflation or other RS Means cost changes. Bond calculations are based on a combination of field observations and worst case scenario based on the approved reclamation plan.

Task	Form Used	Description
01a	Pumping	Dewatering of pit Prev 354.7 AcFt, TR-1 775 AcFt
02a	Dozer	Construct wetland shelf Prev 229,931 CY, TR-1 120,500 CY max
02b	Dozer	Grading pit slopes from 2H: 1V to 3H: 1V Prev 8,454 LCY, Per TR-1 removed, included withing max grading under task 02a
03b	Ripper	Rip compacted areas prior to topsoiling Prev 23.20 ac, TR-1 37 ac



04a	Dozer	Spread topsoil Prev 18,392 CY, TR-1 37ac @ 12" = 59,693 CY
05a	Reeg	Reveg dryland Prev 11.8 ac, TR-1 18 ac
06a	Reveg	Reveg riparian Prev 11.4 ac @ 20% failure, TR-1 19 ac @ 30% failure
07a	Mob	Initial mobilization Prev mobilized a D7 which was incorrect, Updated for D8
07b	Mob	Secondary mobilization
Indirect		Updated to include 4.25% Engineering and contract bid prep per Division's policy

Per policy I wanted to send this out for review prior to issuance. Please look it over and let me know if there are errors or concerns. If no response is received by **Friday, August 1, 2025** then I'll issue SI-3 the following Monday as is. SI-3 will result in a total required bond amount of **\$763,307**, which is an increase of \$224,082 over the \$539,225 currently held.

Please feel free to contact me with any further questions. Amy Yeldell at the Division of Reclamation, Mining and Safety, Rm 215, 1001 E 62nd Ave, Denver CO 80216. Direct contact can be made by phone at 970-210-1272 or via email at amy.yeldell@ state.co.us

Sincerely,



Amy Yeldell
Environmental Protection Specialist

Ec:
Travis Marshall, Senior EPS, Grand Junction DRMS

COST SUMMARY WORK

Task description: TR-1 updated post 2025 inspection

Site: White River City Pit

Permit Action: 2025

Permit/Job#: M2006084

PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 7/15/2025

County: Rio Blanco

Filename: M084-ACY

User: ACY

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Dewatering of pit	PUMPING	1	1,878.85	\$67,545
02a	Construction of wetland shelf 5ac max	DOZER	4	147.50	\$193,556
03a	Rip compacted areas	RIPPER	4	13.70	\$19,317
04a	Spread topsoil on disturbed areas	DOZER	4	74.44	\$97,686
05a	Revegetate 18 acres with dryland seed mix	REVEGE	1	24.00	\$53,513
06a	Revegetate 19 acres with riparian seed mix	REVEGE	1	25.00	\$79,966
07a	Initial Mobilization	MOBILIZE	1	6.00	\$12,818
07b	Initial Mobilization	MOBILIZE	1	6.00	\$3,870
<u>SUBTOTALS:</u>				2175.49	\$528,271

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$10,671

Performance bond: 1.05

Total = \$5,547

Job superintendent: 1,150.00

Total = \$86,400

Profit: 10.00

Total = \$52,827

TOTAL O & P = \$155,445

CONTRACT AMOUNT (direct + O & P) = \$683,716

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$29,058

Reclamation management and/or administration: 5.00

\$34,186

CONTINGENCY: 3.00

Total = \$15,848

TOTAL INDIRECT COST = \$235,036

TOTAL BOND AMOUNT (direct + indirect) = \$763,307

PUMPING WORK

Task description: Dewatering of pit

Site: White River City Pit

Permit Action: 2025

Permit/Job#: M2006084

PROJECT IDENTIFICATION

Task #: 01A

State: Colorado

Abbreviation: None

Date: 7/15/2025

County: Rio Blanco

Filename: M084-01a

User: ACY

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

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

Horsepower: 60

Shift Basis: 1 per day

Weight: 0.45

(US Tons)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	\$9.88	NA
Operating Cost/Hour:	\$4.31	100
Operator Cost/Hour:	\$21.76	NA
Total Unit Cost/Hour:	\$35.95	

Total Fleet Cost/Hour: \$35.95

PUMPING QUANTITIES

Initial Pond Volume:	<u>775.00</u>		Conversion factor:	<u>325850.5800</u>
Final Pond Volume:	<u>252,534,199.50</u>	gallons		
Total Pond Inflow Surface Area:	<u>1,000</u>	Sq. ft.	Unit inflow rate in gph/sq. ft.:	<u>0.0879</u>
Total Pond Inflow Volume per Hour:	<u>87.90</u>	gallons		

Source of estimated volume: TR-1 Exhibit L

PUMPING TIME

Maximum Pump Capacity:	<u>130,000</u>	gph/pump
Estimated Suction Head:	<u>15</u>	feet
Estimated Discharge Head:	<u>10</u>	feet
Total Head:	<u>25</u>	feet
CPB Pump Capacity:	<u>123,300</u>	gph/pump
Site Altitude:	<u>5,700</u>	feet
Adjusted Pumping Capacity:	<u>123,300</u>	gph
Initial Unadjusted Pumping Time:	<u>2,048.13</u>	hours
Inflow during Initial Pumping:	<u>180,030</u>	gallons
Net Unadjusted Pumping Time:	<u>2,049.59</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>1,878.86</u>	hours

JOB TIME AND COST

Total job time: 1,878.86 Hours

Unit cost: \$0.000267 /Gallon

Total job cost: \$67,545

BULLDOZER WORKTask description: Construction of wetland shelf 5ac maxSite: White River City PitPermit Action: 2025Permit/Job#: M2006084**PROJECT IDENTIFICATION**Task #: 02AState: ColoradoAbbreviation: NoneDate: 7/15/2025County: Rio BlancoFilename: M084-02aUser: 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: \$1,312.26**MATERIAL QUANTITIES**Initial Volume: 120,500Swell factor: 1.000Loose volume: 120,500 LCYSource of estimated volume: TR-1 Exhibit L 5ac maxSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 250 feetUnadjusted hourly production: 377.8 LCY/hrMaterials consistency description: Partly consolidated stockpile 1.1Average push gradient: -5 %Average site altitude: 5,700 feetMaterial weight: 2,600 lbs/LCYWeight description: Clay and gravel - Wet**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:	0.800	(FND-RF)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.885	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5406

Adjusted unit production: 204.24 LCY/hr

Adjusted fleet production: **816.96** LCY/hr

JOB TIME AND COST

Fleet size: 4 Dozer(s)

Unit cost: \$1.606/LCY

Total job time: **147.50** Hours

Total job cost: **\$193,556**

BULLDOZER RIPPING WORK

Task description: Rip compacted areas

Site: White River City Pit Permit Action: 2025 Permit/Job#: M2006084

PROJECT IDENTIFICATION

Task #: 03A State: Colorado Abbreviation: None
Date: 7/15/2025 County: Rio Blanco Filename: M084-03a
User: ACY

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>\$179.60</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$110.45</u>	<u>100</u>
Ripper Ownership Cost/Hour:	<u>\$15.28</u>	<u>NA</u>
Ripper Operating Cost/Hour:	<u>\$9.14</u>	<u>100</u>
Operator Cost/Hour:	<u>\$38.02</u>	<u>NA</u>
Total Unit Cost/Hour:	<u>\$352.49</u>	
Total Fleet Cost/Hour:	<u>\$1,409.94</u>	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 37.00 acres Rip Depth (ft): 2.00 Volume: 119,387 BCY or CCY

Source of estimated quantity: TR-1 Exhibit L

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>400.00</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>0.813</u>	<u>acres/hour</u>

Job Condition Correction Factors

Unadjusted Hourly Unit Production:	<u>0.813</u>	<u>Acres/hr</u>
Site Altitude:	<u>5,700</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: 0.68 Acres/hr
Adjusted Hourly Fleet Production: 2.70 Acres/hr

JOB TIME AND COST

Fleet size: 4 Grader(s) Total job time: 13.70 Hours

Unit cost: \$522.086 Per acre Total job cost: \$19,317

BULLDOZER WORKTask description: Spread topsoil on disturbed areasSite: White River City PitPermit Action: 2025Permit/Job#: M2006084**PROJECT IDENTIFICATION**Task #: 04AState: ColoradoAbbreviation: NoneDate: 7/15/2025County: Rio BlancoFilename: M084-04aUser: 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: \$1,312.26**MATERIAL QUANTITIES**Initial Volume: 59,693Swell factor: 1.000Loose volume: 59,693 LCYSource of estimated volume: TR-1 Exhibit L 37ac @ 12"Source of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 350 feetUnadjusted hourly production: 233.3 LCY/hrMaterials consistency description: Loose stockpile 1.2Average push gradient: 0 %Average site altitude: 5,700 feetMaterial weight: 1,600 lbs/LCYWeight description: Top Soil**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:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.8593

Adjusted unit production: 200.47 LCY/hr

Adjusted fleet production: **801.88** LCY/hr

JOB TIME AND COST

Fleet size: 4 Dozer(s)

Unit cost: \$1.636/LCY

Total job time: **74.44** Hours

Total job cost: **\$97,686**

REVEGETATION WORKTask description: Revegetate 18 acres with dryland seed mixSite: White River City PitPermit Action: 2025Permit/Job#: M2006084**PROJECT IDENTIFICATION**Task #: 05AState: ColoradoAbbreviation: NoneDate: 7/15/2025County: Rio BlancoFilename: M084-05aUser: ACYAgency or organization name: DRMS**FERTILIZING****Materials**

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

Application

Description	Cost /Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

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

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	0.50	19.51	\$14.89
Crested Wheatgrass - Fairway	1.50	6.89	\$8.95
Yellow Sweet Clover - Madrid	1.50	8.95	\$6.96
Galleta	3.00	10.95	\$170.29
Streambank Wheatgrass - Sodar	3.00	9.78	\$25.50
Thickspike Wheatgrass - Critana	3.00	10.61	\$25.03
Rabbitbrush, Rubber	0.25	3.72	\$21.35
Saltbush, Four Wing	0.25	0.34	\$5.09
Sumac, Smooth	0.25	0.28	\$8.83

Totals Seed Mix	13.25	71.04	\$286.88
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Application

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

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
Total Mulch Materials Cost/Acre				\$1,013.56

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
Total Mulch Application Cost/Acre	\$630.00

NURSERY STOCK PLANTING

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

JOB TIME AND COST

No. of Acres:	18	Cost /Acre:	\$2,286.87
Estimated Failure Rate:	30%	Cost /Acre*:	\$2,286.87
*Selected Replanting Work Items:	TILLING,SEEDING,MULCHING		
Initial Job Cost:	\$41,163.66		
Reseeding Job Cost:	\$12,349.10		
Total Job Cost:	\$53,513		
Job Hours:	24.00		

REVEGETATION WORKTask description: Revegetate 19 acres with riparian seed mixSite: White River City PitPermit Action: 2025Permit/Job#: M2006084**PROJECT IDENTIFICATION**Task #: 06AState: ColoradoAbbreviation: NoneDate: 7/15/2025County: Rio BlancoFilename: M084-06aUser: ACYAgency or organization name: DRMS**FERTILIZING****Materials**

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

Application

Description	Cost /Acre
	\$
Total Fertilizer Application Cost/Acre	\$0.00

TILLING

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

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	2.00	78.05	\$59.56
Aquatic Sedge	2.00	52.90	\$576.57
Great Basin Wildrye - Magnar	3.00	12.19	\$35.91
Slender Wheatgrass - Native	6.00	21.90	\$43.40
Red Top	2.00	229.11	\$21.43
			\$
Totals Seed Mix			\$

Application

Description	Cost /Acre
	\$
Total Seed Application Cost/Acre	\$

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - Glyphosate (Journey)@ 1.0 pt/ac	1.00	ACRE	\$5.22	\$5.22
Total Mulch Materials Cost/Acre				\$5.22

Application

Description	Cost /Acre
Weed spray, hand, aquatic area, nox. [DMG]	\$203.77
Total Mulch Application Cost/Acre	\$203.77

NURSERY STOCK PLANTING

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

JOB TIME AND COST

No. of Acres:	<u>19</u>	Cost /Acre:	<u>\$3,237.50</u>
Estimated Failure Rate:	<u>30%</u>	Cost /Acre*:	<u>\$3,237.50</u>
*Selected Replanting Work Items:	TILLING,SEEDING,MULCHING		

Initial Job Cost:	\$61,512.50
Reseeding Job Cost:	\$18,453.75
Total Job Cost:	\$79,966
Job Hours:	25.00

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Initial Mobilization**Site: **White River City Pit**Permit Action: **2025**Permit/Job#: **M2006084****PROJECT IDENTIFICATION**Task #: **07A**State: **Colorado**Abbreviation: **None**Date: **7/15/2025**County: **Rio Blanco**Filename: **M084-07a**User: **ACY**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:	\$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	4	\$1,417.88	\$638.36	\$1,000.00
Drill/Broadcast Seeder with Tractor	25.00	\$5.99	\$75.46	1	\$81.45	\$75.46	\$250.00
Hydroseeder with Tractor	28.00	\$10.32	\$143.20	1	\$153.52	\$143.20	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$29.91	\$75.46	1	\$105.37	\$75.46	\$250.00

Subtotals: **\$1,758.22** **\$932.48** **\$1,750.00****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	1	\$74.63	\$74.63
Light Duty Pickup, 4x4, 1 T. Crew	\$135.59	1	\$135.59	\$135.59

Subtotals: **\$210.22** **\$210.22**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	<u>RIFLE, CO</u>	
Total one-way travel distance:	<u>50.00</u>	miles
Average Travel Speed:	<u>50.00</u>	mph

Total Non-Roadable Mob/Demob Cost *	<u>\$12,397.84</u>
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 ** two round trips with haul rig:

Total Roadable Mob/Demob Cost **	<u>\$420.44</u>
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 ** one round trip, no haul rig:

Transportation Cycle Time:

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

JOB TIME AND COST

Total job time:	<u>6.00</u>	Hours
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Total job cost:	<u>\$12,818</u>
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EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Initial Mobilization**Site: **White River City Pit**Permit Action: **2025**Permit/Job#: **M2006084****PROJECT IDENTIFICATION**Task #: **07B**State: **Colorado**Abbreviation: **None**Date: **7/15/2025**County: **Rio Blanco**Filename: **M084-07b**User: **ACY**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:	\$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
Hydroseeder with Tractor	28.00	\$10.32	\$143.20	1	\$153.52	\$143.20	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$29.91	\$75.46	1	\$105.37	\$75.46	\$250.00

Subtotals: **\$340.34** **\$294.12** **\$750.00****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	1	\$74.63	\$74.63
Light Duty Pickup, 4x4, 1 T. Crew	\$135.59	1	\$135.59	\$135.59

Subtotals: **\$210.22** **\$210.22**

EQUIPMENT HAUL DISTANCE and Time

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

Total Non-Roadable Mob/Demob Cost * \$3,449.60
 ** two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** \$420.44
 ** 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: \$3,870