

August 8, 2016

Fred Duckels/ David Epstein  
Duckels Construction, Inc.  
3500 Duckels Court  
Steamboat Springs, CO 80487



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

1313 Sherman Street, Room 215  
Denver, CO 80203

***RE: Houge/River Pit, Permit No. M-1992-066, Reclamation Costs Update and Notice of Surety Increase (SI-2)***

Dear Mr. Duckels:

In an effort to ensure the Financial Warranty for the above referenced site adequately reflects the actual current costs of fulfilling the requirements of the approved reclamation plan, the Colorado Division of Reclamation, Mining and Safety (Division) has updated the reclamation cost estimate (copy enclosed).

Division calculations estimate the cost to reclaim the above referenced site to be \$74,319 rounded down from \$74,319.19. This is an increase of \$11,319 over the \$63,000 currently held by the Division. This estimate is based on conditions observed during the July 20, 2016 inspection. ***Therefore, pursuant to Section 34-32.5-117(4) of the Colorado Land Reclamation Act, adequate Financial Warranty must be submitted to the Division within 60 days of the mailing date of this letter.*** The additional amount needs to be accepted prior to **Friday, October 07, 2016**. Please review the enclosed figures as soon as possible and contact our office if any calculation errors are noted.

Please make arrangements with Barbara Coria at the Division of Reclamation, Mining and Safety Denver Office, phone no. 303.866.3567, ext. 8148 for submittal of the financial warranty. Any questions regarding completion, execution and/or submittal of financial warranty forms should also be directed to Barbara Coria.

If you require additional information, or have questions or concerns, please feel free to contact me. Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@state.co.us

Sincerely,

**Amy Yeldell**

Environmental Protection Specialist  
Department of Natural Resources  
Division of Reclamation, Mining and Safety  
Phone: (970) 254-8511

Ec: Russ Means, Senior EPS, Grand Junction DRMS  
Enc: Financial Warranty Cost Estimate



## COST SUMMARY WORK

Task description: Updated post inspection 7-20-16

Site: Hogue/River Pit

Permit Action: 2016-07

Permit/Job#: M1992066

### PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 8/5/2016

County: Routt

Filename: M066-ACY

User: ACY

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Final grading of pit slopes	DOZER	2	31.61	\$10,121.00
02a	Transport topsoil from stockpiles to pit slopes	LOADER	2	37.29	\$10,482.00
03a	Distribute topsoil over reclaimed slopes	DOZER	2	6.17	\$1,974.00
04a	Revegetate wetland areas	REVEGE	1	20.00	\$15,313.00
05a	Revegetate dryland	REVEGE	1	20.00	\$14,064.00
06a	Initial Mobilize reclamation crew/equipment	MOBILIZE	1	2.68	\$4,665.00
06b	Secondary Mobilize reclamation crew/equipment	MOBILIZE	1	2.68	\$1,592.00
<b><u>SUBTOTALS:</u></b>				<b>120.43</b>	<b>\$58,211</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$1,175.86

Performance bond: 1.05

Total = \$611.22

Job superintendent: 60.22

Total = \$4,484.81

Profit: 10.00

Total = \$5,821.10

TOTAL O & P = \$12,092.99

CONTRACT AMOUNT (direct + O & P) = \$70,303.99

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): 500.00

Total = 500.00

Engineering work and/or contract/bid preparation: 0.00

Total = \$0.00

Reclamation management and/or administration: 5.00

\$3,515.20

CONTINGENCY: 0.00

Total = \$0.00

TOTAL INDIRECT COST = \$16,108.19

**TOTAL BOND AMOUNT (direct + indirect) = \$74,319.19**

**BULLDOZER WORK**Task description: **Final grading of pit slopes**Site: **Hogue/River Pit** Permit Action: **2016-07** Permit/Job#: **M1992066****PROJECT IDENTIFICATION**

Task #: **01A** State: **Colorado** Abbreviation: **None**  
 Date: **8/5/2016** County: **Routt** Filename: **M066-01a**  
 User: **ACY**

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

Basic Machine: **Cat D8T - 8U**  
 Horsepower: **305**  
 Blade Type: **Universal**  
 Attachment: **NA**  
 Shift Basis: **1 per day**  
 Data Source: **(CRG)**

**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$52.86	NA
Operating Cost/Hour:	\$68.35	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$38.89	NA

Total unit Cost/Hour: **\$160.10**  
 Total Fleet Cost/Hour: **\$320.20**

**MATERIAL QUANTITIES**

Initial Volume: **35,000**  
 Swell factor: **1.180**  
 Loose volume: **41,300 LCY**

Source of estimated volume: **Division of Reclamation, Mining & Safety**  
 Source of estimated swell factor: **Cat Handbook**

**HOURLY PRODUCTION**

Average push distance: **100 feet**  
 Unadjusted hourly production: **931.6 LCY/hr**

Materials consistency description: **Loose stockpile 1.2**

Average push gradient: **-10 %**  
 Average site altitude: **6,575 feet**

Material weight: **2,400 lbs/LCY**Weight description: **Clay and gravel - Dry****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:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.958	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.7013

Adjusted unit production: 653.33 LCY/hr

Adjusted fleet production: **1306.66** LCY/hr

### **JOB TIME AND COST**

Fleet size: 2 Dozer(s)

Unit cost: \$0.245/LCY

Total job time: **31.61** Hours

Total job cost: **\$10,121**

**WHEEL LOADER – LOAD AND CARRY WORK**Task description: Transport topsoil from stockpiles to pit slopesSite: Hogue/River PitPermit Action: 2016-07Permit/Job#: M1992066**PROJECT IDENTIFICATION**Task #: 02AState: ColoradoAbbreviation: NoneDate: 8/5/2016County: RouttFilename: M066-02aUser: ACYAgency 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:	\$44.71	NA
Operating Cost/Hour:	\$57.22	100
Operator Cost/Hour:	\$38.60	NA
Total Unit Cost/Hour:	\$140.53	
Total Fleet Cost/Hour:	\$281.05	

**MATERIAL QUANTITIES**Initial volume: 15,000

CCY

Swell factor: 1.000Loose volume: 15,000

LCY

Source of estimated volume: Division of Reclamation, Mining & SafetySource 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 up to 1/8" 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:		-0.050	minutes
Adjusted Basic Cycle Time:		0.475	minutes

**Rolling Resistance – Road Conditions**Haul: Rutted dirt, little maintenance, no water, 2" tire penetration 5.0Return: 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	0.00	5.00	5.00	0.4611	(Cat HB)
Return Route:	500	0.00	5.00	5.00	0.4160	(Cat HB)

Total Travel Time: 0.8771 minutes  
 Total Cycle Time: 1.3521 minutes

Load Bucket Capacity

Rated Capacity: 5.60 LCY (heaped)  
 Bucket Fill Factor: 0.975 Loose material - uniform aggregates to 1/8" (95-100%) 0.975  
 Adjusted Capacity: 5.46 LCY

Job Condition Correction Factors

Site Altitude: 6575 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: 242.29 LCY/Hour  
 Adjusted Hourly Unit Production: 201.10 LCY/Hour  
 Adjusted Hourly Fleet Production: 402.21 LCY/Hour

JOB TIME AND COST

Fleet size: 2 Loader(s) Total job time: 37.29 Hours  
 Unit cost: \$0.699 /LCY Total job cost: \$10,482

**BULLDOZER WORK**Task description: Distribute topsoil over reclaimed slopesSite: Hogue/River PitPermit Action: 2016-07Permit/Job#: M1992066**PROJECT IDENTIFICATION**Task #: 03AState: ColoradoAbbreviation: NoneDate: 8/5/2016County: RouttFilename: M066-03aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D8T - 8UHorsepower: 305Blade Type: UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$52.86	NA
Operating Cost/Hour:	\$68.35	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$38.89	NA

Total unit Cost/Hour: \$160.10Total Fleet Cost/Hour: \$320.20**MATERIAL QUANTITIES**Initial Volume: 15,000Swell factor: 1.000Loose volume: 15,000 LCYSource of estimated volume: Division of Reclamation, Mining & SafetySource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 75 feetUnadjusted hourly production: 1,155.6 LCY/hrMaterials consistency description: Loose stockpile 1.2Average push gradient: -10 %Average site altitude: 6,575 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:	1.225	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 1.0527

Adjusted unit production: 1,216.50 LCY/hr

Adjusted fleet production: **2433 LCY/hr**

### **JOB TIME AND COST**

Fleet size: 2 Dozer(s)

Unit cost: \$0.132/LCY

Total job time: **6.17 Hours**

Total job cost: **\$1,974**



**REVEGETATION WORK**Task description: Revegetate wetland areasSite: Hogue/River PitPermit Action: 2016-07Permit/Job#: M1992066**PROJECT IDENTIFICATION**Task #: 04AState: ColoradoAbbreviation: NoneDate: 8/5/2016County: RouttFilename: M066-04aUser: ACYAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
0-20-20, 4-8-12, 10-10-10	40.00	pound	\$0.22	\$8.80
			<b>Total Fertilizer Materials Cost/Acre</b>	<b>\$8.80</b>

**Application**

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$21.34
<b>Total Fertilizer Application Cost/Acre</b>	<b>\$21.34</b>

**TILLING**

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$107.59
<b>Total Tilling Cost/Acre</b>	<b>\$107.59</b>

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Beardless (Creeping) Wildrye - Shoshone	3.00	10.33	\$76.77
Creeping Red Fescue, Slender	3.00	37.88	\$6.69
Intermediate Wheatgrass - Tegmar	7.00	14.94	\$13.79
Reedgrass, Canadian (or Blue Joint)	0.03	3.09	\$6.11
Tufted Hairgrass	3.00	172.18	\$33.15
<b>Totals Seed Mix</b>	<b>16.03</b>	<b>238.42</b>	<b>\$136.51</b>

**Application**

Description	Cost /Acre
-------------	------------

Drill Seeding (DRMS Survey Cost)	\$232.00
<b>Total Seed Application Cost/Acre</b>	<b>\$232.00</b>

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

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$246.00	\$492.00
<b>Total Mulch Materials Cost/Acre</b>				<b>\$492.00</b>

**Application**

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$66.02
<b>Total Mulch Application Cost/Acre</b>	<b>\$66.02</b>

**NURSERY STOCK PLANTING**

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
Alder	1	Container, 5 gallon (MEANS)	\$48.04	\$2.40	\$48.04
Cottonwood, Narrowleaf	1	Container, 5 gallon (MEANS)	\$56.05	\$2.40	\$56.05
Willow, Sandbar	30	Tubling, 10 cu. in. container {(MEANS)}	\$1.89	\$0.00	\$56.70
<b>Totals Nursery Stock Cost / Acre</b>					<b>\$160.79</b>

**JOB TIME AND COST**

No. of Acres: 10 Cost /Acre: \$1,225.05  
 Estimated Failure Rate: 25% Cost /Acre\*: \$1,225.05  
 \*Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,NU  
RSERY,MULCHING

Initial Job Cost: **\$12,250.50**  
 Reseeding Job Cost: **\$3,062.63**  
 Total Job Cost: **\$15,313**  
 Job Hours: **20.00**

**REVEGETATION WORK**Task description: Revegetate drylandSite: Hogue/River PitPermit Action: 2016-07Permit/Job#: M1992066**PROJECT IDENTIFICATION**Task #: 05AState: ColoradoAbbreviation: NoneDate: 8/5/2016County: RouttFilename: M066-05aUser: ACYAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
0-20-20, 4-8-12, 10-10-10	40.00	pound	\$0.22	\$8.80
			<b>Total Fertilizer Materials Cost/Acre</b>	<b>\$8.80</b>

**Application**

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$21.34
<b>Total Fertilizer Application Cost/Acre</b>	<b>\$21.34</b>

**TILLING**

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$107.59
<b>Total Tilling Cost/Acre</b>	<b>\$107.59</b>

**SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alfalfa - Common	1.50	7.23	\$3.84
Smooth Brome - Lincoln	4.00	13.31	\$5.32
Pubescent Wheatgrass - Luna	7.00	14.46	\$15.68
<b>Totals Seed Mix</b>	<b>12.50</b>	<b>35.01</b>	<b>\$24.84</b>

**Application**

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$232.00

<b>Total Seed Application Cost/Acre</b>	<b>\$232.00</b>
---	-----------------

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

<b>Description</b>	<b>Units / Acre</b>	<b>Unit</b>	<b>Cost / Unit</b>	<b>Cost / Acre</b>
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$246.00	\$492.00
<b>Total Mulch Materials Cost/Acre</b>				<b>\$492.00</b>

**Application**

<b>Description</b>	<b>Cost / Acre</b>
Crimping, with tractor {DMG survey data}	\$66.02
<b>Total Mulch Application Cost/Acre</b>	<b>\$66.02</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>
Alder	1	Container, 5 gallon (MEANS)	\$48.04	\$2.40	\$48.04
Cottonwood, Narrowleaf	1	Container, 5 gallon (MEANS)	\$56.05	\$2.40	\$56.05
Spruce, Blue	1	Container, 5 gallon (MEANS)	\$68.47	\$2.40	\$68.47
<b>Totals Nursery Stock Cost / Acre</b>					<b>\$172.56</b>

**JOB TIME AND COST**

No. of Acres: 10 Cost /Acre: \$1,125.15  
 Estimated Failure Rate: 25% Cost /Acre\*: \$1,125.15  
 \*Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,NU  
RSERY,MULCHING

Initial Job Cost: **\$11,251.50**  
 Reseeding Job Cost: **\$2,812.88**  
 Total Job Cost: **\$14,064**  
 Job Hours: **20.00**

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: Initial Mobilize reclamation crew/equipmentSite: Hogue/River PitPermit Action: 2016-07Permit/Job#: M1992066**PROJECT IDENTIFICATION**Task #: 06AState: ColoradoAbbreviation: NoneDate: 8/5/2016County: RouttFilename: M066-06aUser: 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:	\$16.63	\$18.37	\$22.33
Operating Cost/Hour:	\$44.38	\$46.13	\$50.07
Operator Cost/Hour:	\$27.66	\$27.66	\$27.66
Helper Cost/Hour:	\$0.00	\$25.39	\$25.39
Total Unit Cost/Hour:	\$88.67	\$117.55	\$125.45

**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 972G (2002)	27.49	\$27.23	\$117.55	2	\$289.56	\$235.10	\$500.00
Cat D8R Series II - 8U (2005)	47.80	\$39.08	\$117.55	2	\$313.25	\$235.10	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$39.59	\$88.67	1	\$128.26	\$88.67	\$250.00
Power Mulcher (Reinco M90)	6.00	\$6.72	\$88.67	1	\$95.39	\$88.67	\$250.00

Subtotals: **\$826.46** **\$647.54** **\$1,250.00****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	\$20.91	1	\$20.91	\$20.91

Subtotals: **\$20.91** **\$20.91**

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:

STEAMBOAT  
SPRINGSTotal one-way travel distance: 6.00 milesAverage Travel Speed: 35.00 mph

Total Non-Roadable Mob/Demob Cost \*

\$4,658.29

\*\* two round trips with haul rig:

Total Roadable Mob/Demob Cost \*\*

\$7.17

\*\* one round trip, no haul rig:

**Transportation Cycle Time:**

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.17	0.17
Return Time (Hours):	0.17	0.17
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.34	0.34

**JOB TIME AND COST**Total job time: 2.69 HoursTotal job cost: \$4,665

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: Secondary Mobilize reclamation crew/equipmentSite: Hogue/River PitPermit Action: 2016-07Permit/Job#: M1992066**PROJECT IDENTIFICATION**Task #: 06BState: ColoradoAbbreviation: NoneDate: 8/5/2016County: RouttFilename: M066-06bUser: 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:	\$16.63	\$18.37	\$22.33
Operating Cost/Hour:	\$44.38	\$46.13	\$50.07
Operator Cost/Hour:	\$27.66	\$27.66	\$27.66
Helper Cost/Hour:	\$0.00	\$25.39	\$25.39
Total Unit Cost/Hour:	\$88.67	\$117.55	\$125.45

**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	\$39.59	\$88.67	1	\$128.26	\$88.67	\$250.00
Power Mulcher (Reinco M90)	6.00	\$6.72	\$88.67	1	\$95.39	\$88.67	\$250.00
Subtotals:					<b>\$223.65</b>	<b>\$177.34</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	\$20.91	1	\$20.91	\$20.91
Subtotals:			<b>\$20.91</b>	<b>\$20.91</b>

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:

STEAMBOAT  
SPRINGSTotal one-way travel distance: 6.00 milesAverage Travel Speed: 35.00 mph

Total Non-Roadable Mob/Demob Cost \*

\$1,584.78

\*\* two round trips with haul rig:

Total Roadable Mob/Demob Cost \*\*

\$7.17

\*\* one round trip, no haul rig:

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.17	0.17
Return Time (Hours):	0.17	0.17
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.34	0.34

**JOB TIME AND COST**Total job time: 2.69 HoursTotal job cost: \$1,592