

February 23, 2016

Dan Redmond
General Operating Company
P.O. Box 223
Yampa, CO 80483



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

1313 Sherman Street, Room 215
Denver, CO 80203

RE: Gardner Gravel Pit, Permit No. M-1979-034, Technical Revision (TR-2) Approval

Dear Mr. Redmond:

On February 23, 2016 the Division of Reclamation, Mining and Safety (Division) approved the Technical Revision request (TR-2) submitted on December 24, 2015, addressing the following:

Revise the mining plan to increase the maximum disturbance from 8 acres to 30 acres

The terms of the TR-2 approved by the Division are hereby incorporated into Permit No. M-1979-034. All other conditions and requirements of the permit remain in full force and effect.

The estimated liability amount of \$130,932 exceeds the \$ 37,750 Financial Warranty previously required for this site (copy enclosed). **Please submit additional bond in the amount of \$ 93,182.** ***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 **Monday, April 25, 2016.** The revision will not be final until the bond is approved by the Division. The Division would like to note that no surety increases have occurred since the conversion (CN-1) in 1998.

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.

Sincerely,

Amy Yeldell

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

Cc:

Russ Means, Senior EPS / Field Office Supervisor, Grand Junction DRMS
Mike Gomez, General Operating Company



COST SUMMARY WORK

Task description: Update cost based on TR-2

Site: Gardner Gravel Pit

Permit Action: TR-2 Update

Permit/Job#: M1979034

PROJECT IDENTIFICATION

Task #: 002

State: Colorado

Abbreviation: None

Date: 2/18/2016

County: Routt

Filename: M034-002

User: ACY

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

| Task | Description | Form Used | Fleet Size | Task Hours | Cost |
|--------------------------|---|-----------|------------|--------------|-----------------|
| 01a | Remove office building | DEMOLISH | 1 | 10.00 | \$4,753.31 |
| 02a | Slope reduction | DOZER | 2 | 109.08 | \$56,583.00 |
| 03a | Rip compacted areas | RIPPER | 2 | 4.67 | \$2,496.00 |
| 04a | Distribute topsoil | DOZER | 2 | 6.39 | \$3,188.00 |
| 05a | Vegetate disturbed 3H:1V sloped areas | REVEGE | 1 | 30.00 | \$26,342.00 |
| 06a | Mobilize reclamation crew and equipment | MOBILIZE | 1 | 4.28 | \$4,026.00 |
| 07a | Secondary mobilize reclamation crew and equipment | MOBILIZE | 1 | 4.28 | \$1,924.00 |
| <u>SUBTOTALS:</u> | | | | 168.7 | \$99,312 |

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$2,006.10

Performance bond: 1.05

Total = \$1,042.78

Job superintendent: 84.35

Total = \$6,282.39

Profit: 10.00

Total = \$9,931.20

TOTAL O & P = \$19,262.47

CONTRACT AMOUNT (direct + O & P) = \$118,574.47

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): 500.00

Total = 500.00

Engineering work and/or contract/bid preparation: 5.00

Total = \$5,928.72

Reclamation management and/or administration: 5.00

\$5,928.72

CONTINGENCY: 0.00

Total = \$0.00

TOTAL INDIRECT COST = \$31,619.92

TOTAL BOND AMOUNT (direct + indirect) = \$130,931.92

Grading - Current disturbance approx 20ac
↳ TR-2 max allowed 30ac

Gardner M-1474-034
TR-2 Update

- Highwall consolidated rock minor grading of dozer benches
↳ approx. 1000' L x 15' x H 0.5 H:1V to 1 H:1V (backfill)
10,417 ccy

- Lower Processing Bench
↳ 900' L x 40' H @ 1 H:1V to 3 H:1V (cut+fill) 13,333 ccy

- Upper Processing Bench
↳ 900' L x 40' H @ 1 H:1V to 3 H:1V (backfill) 53,333 ccy

Road between benches
↳ 300' L x 20' H @ 1 H:1V to 3 H:1V (cut+fill) 1,111 ccy

Pit to Slope
↳ ~~750~~ 1600' L x 60' H @ 1 H:1V to 3 H:1V (cut+fill) 53,333 ccy

* 50/50 Rock/Earth w 15% ripper

Ripping

↳ 131,527 ccy
Total

- 6ac of stock pile area + 0.5ac roads

↳ 6.5 ac Total

Reseed

- Half of max disturbance (15ac), assume half is rock highwall
↳ includes graded to slope footprint
↳ Topsoil 15ac @ 6-12"

↳ 15 ac Total

DEMOLITION WORK

Task description: Remove office building

Site: Gardner Gravel Pit

Permit Action: TR-2 Update

Permit/Job#: M1979034

PROJECT IDENTIFICATION

Task #: 01A

State: Colorado

Abbreviation: None

Date: 2/18/2016

County: Routt

Filename: M034-01a

User: ACY

Agency or organization name: DRMS

UNIT COSTS

Location adjustment: 98.20 %

| Structure or Item Description | Dimensions | Demolition Menu Selection | Quantity | Unit | Unit Cost | Total Cost |
|-------------------------------|-----------------|---|----------|------|-----------|------------|
| Remove office building | 10' x 10' x 30' | Bldg. (SN) demo./off-site disposal in approved landfill - Max. 30 mile haul | 3,000.00 | CF | \$1.17 | \$3,495.00 |
| Remove Office Foundation | 10' x 10' x 30' | Floor, concrete, demolition only, average reinforcing - 4 in. thick | 300.00 | SF | \$1.08 | \$324.00 |
| Remove Load Scale | 80' x 12' | Demo. and on-site disposal in existing pit, 6 in. thick - Max. 50 ft. push | 960.00 | SF | \$1.06 | \$1,021.44 |

Job Hours: 10.00

Subtotal
(unadjusted): \$4,840.44

Total Cost
(adjusted for location): \$4,753.31

BULLDOZER WORKTask description: Slope reductionSite: Gardner Gravel Pit Permit Action: TR-2 Update Permit/Job#: M1979034**PROJECT IDENTIFICATION**

Task #: 02A State: Colorado Abbreviation: None
 Date: 12/28/2015 County: Routt Filename: M034-02a
 User: ACY

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

Basic Machine: Cat D9T - 9SU
 Horsepower: 405
 Blade Type: Semi-Universal
 Attachment: 3-shank ripper
 Shift Basis: 1 per day
 Data Source: (CRG)

Cost Breakdown:

| | | <u>Utilization %</u> |
|-----------------------|----------|----------------------|
| Ownership Cost/Hour: | \$83.77 | NA |
| Operating Cost/Hour: | \$135.36 | 100 |
| Ripper op. Cost/Hour: | \$1.34 | 15 |
| Operator Cost/Hour: | \$38.89 | NA |

Total unit Cost/Hour: \$259.35
 Total Fleet Cost/Hour: \$518.71

MATERIAL QUANTITIES

Initial Volume: 131,527
 Swell factor: 1.165
 Loose volume: 153,229 LCY

Source of estimated volume: See attached
 Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 90 feet
 Unadjusted hourly production: 1,351.7 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: -15 %
 Average site altitude: 7,600 feet

Material weight: 2,900 lbs/LCYWeight description: Decomposed rock - 50% Rock, 50% Earth**Job Condition Correction Factor**

| | | <u>Source</u> |
|-----------------------|-------|---------------|
| Operator Skill: | 0.750 | (AVG.) |
| Material consistency: | 0.900 | (CAT HB)) |
| Dozing method: | 1.100 | (50% SL) |
| Visibility: | 1.000 | (AVG.) |
| Job efficiency: | 0.830 | (1 SHIFT/DAY) |

| | | |
|------------------|-------|----------|
| Spoil pile: | 0.800 | (FND-RF) |
| Push gradient: | 1.329 | (CAT HB) |
| Altitude: | 1.000 | (CAT HB) |
| Material Weight: | 0.793 | (CAT HB) |
| Blade type: | 1.000 | (PAT) |

Net correction: 0.5196

Adjusted unit production: 702.34 LCY/hr

Adjusted fleet production: **1404.68** LCY/hr

JOB TIME AND COST

Fleet size: 2 Dozer(s)

Unit cost: \$0.369/LCY

Total job time: **109.08** Hours

Total job cost: **\$56,583**

Highwall reduction - backfill

Minor highwal grading

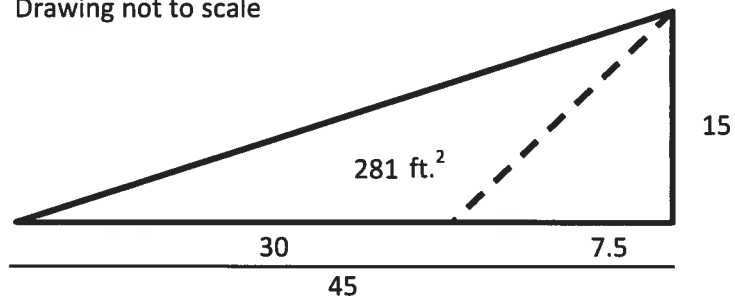
| | |
|---------------------------|-----------|
| Highwall Height (ft.) | 15.00 |
| Length of Highwall (lft.) | 1000.00 |
| - - - - Initial Slope | 0.50 H:1V |
| ———— Desired Slope | 3.00 H:1V |

Volume of material to be moved (ft.³) **281,250**

Volume of material to be moved (yd.³) **10,417**



All dimensions measured in feet

Drawing not to scale



Highwall reduction - cut and fill

Lower processing bench

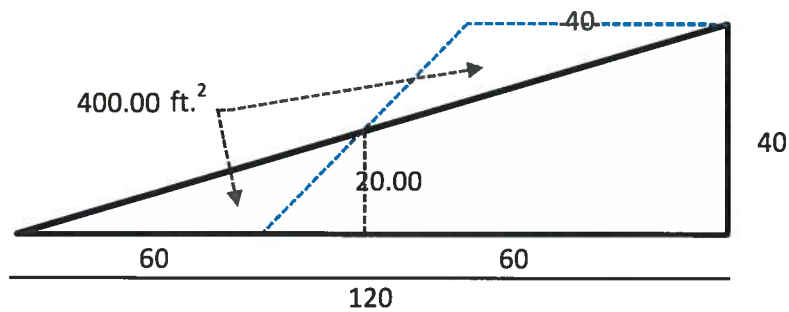
| | | |
|---|------|------|
| Highwall Height (ft.) | 40.0 | |
| Length of Highwall (lft.) | 900 | |
|  Initial Slope | 1.0 | H:1V |
|  Desired Slope | 3 | H:1V |

Volume of material to be moved (ft.³) **360,000**

Volume of material to be moved (yd.³) **13,333**

All dimensions measured in feet

Drawing not to scale



Highwall reduction - backfill

Upper processing bench

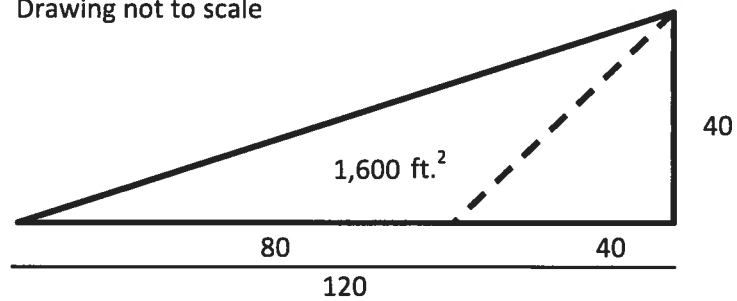
| | |
|---------------------------|-----------|
| Highwall Height (ft.) | 40.00 |
| Length of Highwall (lft.) | 900.00 |
| - - - - Initial Slope | 1.00 H:1V |
| — Desired Slope | 3.00 H:1V |

Volume of material to be moved (ft.³) **1,440,000**

Volume of material to be moved (yd.³) **53,333**

All dimensions measured in feet

Drawing not to scale



Highwall reduction - cut and fill

Road between benches

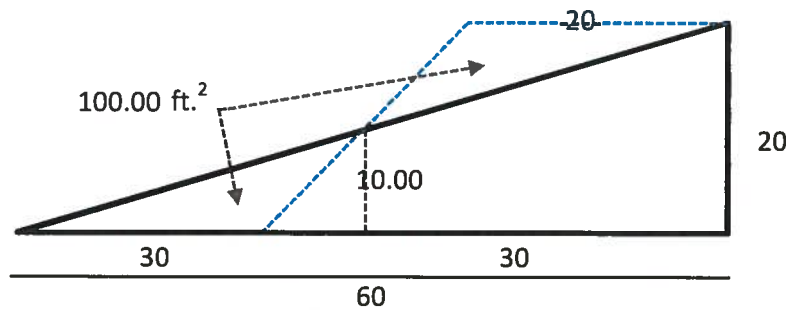
| | |
|--------------------------|----------|
| Highwall Height (ft.) | 20.0 |
| Length of Highwall (ft.) | 300 |
| Initial Slope | 1.0 H:1V |
| Desired Slope | 3 H:1V |

Volume of material to be moved (ft.³) **30,000**

Volume of material to be moved (yd.³) **1,111**



All dimensions measured in feet

Drawing not to scale



Highwall reduction - cut and fill

Pit toe slope

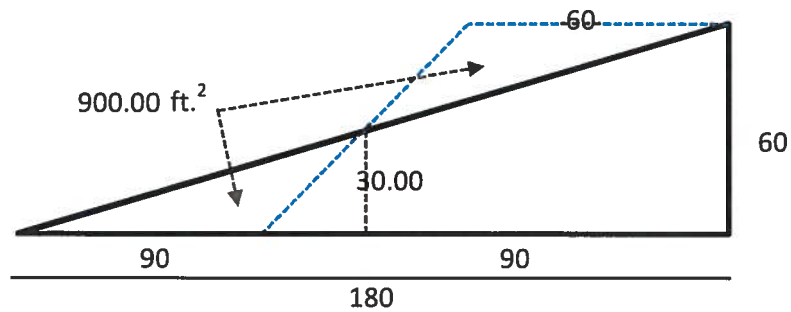
| | |
|---|----------|
| Highwall Height (ft.) | 60.0 |
| Length of Highwall (lft.) | 1600 |
|  Initial Slope | 1.0 H:1V |
|  Desired Slope | 3 H:1V |

Volume of material to be moved (ft.³) **1,440,000**

Volume of material to be moved (yd.³) **53,333**

All dimensions measured in feet

Drawing not to scale



BULLDOZER RIPPING WORK

Task description: Rip compacted areas

Site: Gardner Gravel Pit Permit Action: TR-2 Update Permit/Job#: M1979034

PROJECT IDENTIFICATION

Task #: 03A State: Colorado Abbreviation: None
Date: 12/28/2015 County: Routt Filename: M034-03a
User: ACY

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D9T - 9SU Horsepower: 405
Ripper Attachment: 3-Shank Ripper Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

| | | Utilization % |
|-----------------------------|-----------------|---------------|
| Ownership Cost/Hour: | \$83.77 | NA |
| Operating Cost/Hour: | \$135.36 | 100 |
| Ripper Operating Cost/Hour: | \$8.91 | 100 |
| Operator Cost/Hour: | \$38.89 | NA |
| Total Unit Cost/Hour: | \$266.93 | |
| Total Fleet Cost/Hour: | \$533.86 | |

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 6.50 acres Rip Depth (ft): 2.50 Volume: 26,217 BCY or CCY

Source of estimated quantity: Staff estimates

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth: 2.63 mph
Average Ripping Width: 7.67 degrees
Average Ripping Length: 200.00 feet
Average Dozer Speed: 88.00 feet
Average Maneuver Time: 0.25 feet
Production per unit area: 0.838 acres/hour

Job Condition Correction Factors

Unadjusted Hourly Unit Production: 0.838 Acres/hr
Site Altitude: 7,060 feet
Altitude Adj: 1.00 (CAT HB)
Job Efficiency: 0.83 (1 shift/day)
Net Correction: 0.83 multiplier

Adjusted Hourly Unit Production: 0.70 Acres/hr
Adjusted Hourly Fleet Production: 1.39 Acres/hr

JOB TIME AND COST

Fleet size: 2 Grader(s) Total job time: 4.68 Hours

Unit cost: \$383.973 Per acre Total job cost: \$2,496

BULLDOZER WORKTask description: **Distribute topsoil**Site: **Gardner Gravel Pit**Permit Action: **TR-2 Update**Permit/Job#: **M1979034****PROJECT IDENTIFICATION**Task #: **04A**State: **Colorado**Abbreviation: **None**Date: **12/28/2015**County: **Routt**Filename: **M034-04a**User: **ACY**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D9T - 9SU**Horsepower: **405**Blade Type: **Semi-Universal**Attachment: **NA**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

| | | <u>Utilization %</u> |
|-----------------------|----------|----------------------|
| Ownership Cost/Hour: | \$75.12 | NA |
| Operating Cost/Hour: | \$135.36 | 100 |
| Ripper op. Cost/Hour: | \$0.00 | 0 |
| Operator Cost/Hour: | \$38.89 | NA |

Total unit Cost/Hour: **\$249.37**Total Fleet Cost/Hour: **\$498.74****MATERIAL QUANTITIES**Initial Volume: **18,150**Swell factor: **1.000**Loose volume: **18,150 LCY**Source of estimated volume: **6-12" over 15 acres**Source of estimated swell factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **100 feet**Unadjusted hourly production: **1,243.2 LCY/hr**Materials consistency description: **Loose stockpile 1.2**Average push gradient: **-15 %**Average site altitude: **7,600 feet**Material weight: **1,600 lbs/LCY**Weight 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: | 1.329 | (CAT HB) |
| Altitude: | 1.000 | (CAT HB) |
| Material Weight: | 1.438 | (CAT HB) |
| Blade type: | 1.000 | (PAT) |

Net correction: 1.1421

Adjusted unit production: 1,419.86 LCY/hr

Adjusted fleet production: **2839.72** LCY/hr

JOB TIME AND COST

Fleet size: 2 Dozer(s)

Unit cost: \$0.176/LCY

Total job time: **6.39** Hours

Total job cost: **\$3,188**

REVEGETATION WORKTask description: Vegetate disturbed 3H:1V sloped areasSite: Gardner Gravel PitPermit Action: TR-2 UpdatePermit/Job#: M1979034PROJECT IDENTIFICATIONTask #: 05AState: ColoradoAbbreviation: NoneDate: 12/28/2015County: RouttFilename: M034-05aUser: ACYAgency or organization name: DRMSFERTILIZING**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 |
|--------------------------------|----------------|
| Chisel plowing {DMG} | \$88.76 |
| Total Tilling Cost/Acre | \$88.76 |

SEEDING

| Seed Mix | Rate – PLS LBS / Acre | Seeds per SQ. FT | Cost /Acre |
|-------------------------------|--------------------------------|------------------------|-----------------|
| Indian Ricegrass - Nespar | 3.50 | 11.33 | \$24.82 |
| Orchardgrass - Paiute | 4.00 | 49.59 | \$8.64 |
| Crested Wheatgrass - Standard | 6.00 | 27.55 | \$13.32 |
| Smooth Brome - Manchar | 6.00 | 19.97 | \$11.82 |
| Oak, Gambel's | 4.00 | 0.03 | \$135.24 |
| Totals Seed Mix | 23.50 | 108.46 | \$193.84 |

Application

| | |
|--|--|
| | |
|--|--|

| Description | Cost /Acre |
|---|-----------------|
| Drill seeding (MEANS 32 92 19.13 0020) | \$434.00 |
| Total Seed Application Cost/Acre | \$434.00 |

MULCHING and MISCELLANEOUS**Materials**

| Description | Units / Acre | Unit | Cost / Unit | Cost /Acre |
|---|-----------------|------|-------------|-----------------|
| Herbicide - Curtail @ 4.0 pt/ac | 2.00 | ACRE | \$16.56 | \$33.12 |
| Straw, delivered {MEANS 31 25 14.16 1200} | 2.00 | TON | \$246.00 | \$492.00 |
| Total Mulch Materials Cost/Acre | | | | \$525.12 |

Application

| Description | Cost /Acre |
|--|-----------------|
| Crimping, with tractor {DMG survey data} | \$66.02 |
| Power mulcher (MEANS 32 91 13.16 0350) | \$97.14 |
| Total Mulch Application Cost/Acre | \$163.16 |

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: 15 Cost /Acre: \$1,404.88
 Estimated Failure Rate: 25% Cost /Acre*: \$1,404.88
 *Selected Replanting Work Items: TILLING,SEEDING,MULCHING

Initial Job Cost: \$21,073.20
 Reseeding Job Cost: \$5,268.30
 Total Job Cost: \$26,342
 Job Hours: 30.00

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mobilize reclamation crew and equipment**Site: **Gardner Gravel Pit**Permit Action: **TR-2 Update**Permit/Job#: **M1979034****PROJECT IDENTIFICATION**

Task #: **06A** State: **Colorado** Abbreviation: **None**
 Date: **12/28/2015** County: **Routt** Filename: **M034-06a**
 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: | \$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 D9T - 9SU | 66.13 | \$83.77 | \$125.45 | 2 | \$418.44 | \$250.90 | \$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 | \$7.03 | \$88.67 | 1 | \$95.70 | \$88.67 | \$250.00 |

Subtotals: **\$642.40** **\$428.24** **\$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, 3/4 T. | \$15.34 | 1 | \$15.34 | \$15.34 |

Subtotals: **\$15.34** **\$15.34**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

STEAMBOAT
SPRINGSTotal one-way travel distance: 20.00 milesAverage Travel Speed: 35.00 mphTotal Non-Roadable Mob/Demob Cost * \$4,008.39

* two round trips with haul rig:

Total Roadable Mob/Demob Cost ** \$17.53

** one round trip, no haul rig:

Transportation Cycle Time:

| | Non- Roadable Equipment | Roadable Equipment |
|-------------------------|-------------------------------|-----------------------|
| Haul Time (Hours): | 0.57 | 0.57 |
| Return Time (Hours): | 0.57 | 0.57 |
| Loading Time (Hours): | 0.50 | NA |
| Unloading Time (Hours): | 0.50 | NA |
| Subtotals: | 2.14 | 1.14 |

JOB TIME AND COSTTotal job time: 4.29 HoursTotal job cost: \$4,026

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Secondary mobilize reclamation crew and equipmentSite: Gardner Gravel PitPermit Action: TR-2 UpdatePermit/Job#: M1979034**PROJECT IDENTIFICATION**

Task #: 07A State: Colorado Abbreviation: None
 Date: 12/28/2015 County: Routt Filename: M034-07a
 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: | \$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 | \$7.03 | \$88.67 | 1 | \$95.70 | \$88.67 | \$250.00 |
| Subtotals: | | | | | \$223.96 | \$177.34 | \$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, 3/4 T. | \$15.34 | 1 | \$15.34 | \$15.34 |
| Subtotals: | | | \$15.34 | \$15.34 |

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

STEAMBOAT
SPRINGSTotal one-way travel distance: 20.00 milesAverage Travel Speed: 35.00 mphTotal Non-Roadable Mob/Demob Cost * \$1,906.55

* two round trips with haul rig:

Total Roadable Mob/Demob Cost ** \$17.53

** one round trip, no haul rig:

Transportation Cycle Time:

| | Non-Roadable Equipment | Roadable Equipment |
|-------------------------|---------------------------|-----------------------|
| Haul Time (Hours): | 0.57 | 0.57 |
| Return Time (Hours): | 0.57 | 0.57 |
| Loading Time (Hours): | 0.50 | NA |
| Unloading Time (Hours): | 0.50 | NA |
| Subtotals: | 2.14 | 1.14 |

JOB TIME AND COSTTotal job time: 4.29 HoursTotal job cost: \$1,924