

March 14, 2023

Mark Yevoli Yevoli Cobblestone Inc 8347 S. Carr St. Littleton, CO 80128

Re: Yevoli Cobblestone Pit - File No. M-2007-003; Technical Revision (TR-1) Increase Maximum Allowed Disturbance at One Time

Dear Mark Yevoli:

On March 14, 2023 the Division of Reclamation, Mining and Safety concluded its review of the Technical Revision application submitted to the Division on February 17, 2023, addressing the following:

Expand phased bond area to 15 acres and increase the maximum active highwall length to 500 feet.

The decision reached by the Division is: approve.

The terms of Technical Revision No. 1 approved by the Division are hereby incorporated into Permit No. M-2007-003. All other conditions and requirements of Permit No. M-2007-003 remain in full force and effect.

The revised liability amount exceeds the financial warranty currently held (see below and attached Cost Estimate), please submit additional bond or a rider to your existing bond that equals or exceeds the Revised Liability. The revision will not be final until the bond is approved by the Division.

| Bond Held: | \$58,905.00 |
|-----------------------------|-------------|
| Prior Liability: | \$58,905.00 |
| Change in Liability: | \$31,721.00 |
| Revised Liability: | \$90,626.00 |
| Prior Permit Acreage: | 83.50 |
| Change in Permit Acreage: | 0.00 |
| Revised Permit Acreage: | 83.50 |
| Prior Affected Acreage: | 83.50 |
| Change in Affected Acreage: | 0.00 |
| Revised Affected Acreage: | 83.50 |

Physical Address: 1313 Sherman Street, Room 215, Denver, CO 80203 P 303.866.3567 F 303.832.8106 Mailing Address: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216 <u>https://drms.colorado.gov</u> Jared S. Polis, <u>Governor |</u> Dan Gibbs, Executive Director | Virginia Brannon, Director



If you have any questions, please contact me by telephone at (303) 328-5229, or by email at <u>tim.cazier@state.co.us</u>.

Sincerely,

Thing age

Timothy A. Cazier, P.E. Environmental Protection Specialist

Enclosure: Revised Reclamation Cost Estimate

ec: Sara Stevenson-Benn, DRMS Mark Yevoli, Yevoli Cobblestone

M-GR-04 tc1

COST SUMMARY WORK

| Task description: Cost Su | | | Cost Summary S | Sheet | | | _ | |
|------------------------------|--------|------------------|-------------------|----------|-----------|---------------------|----------|--|
| Site: Yevoli Cobblestone Pit | | Pe | Permit Action: _T | | Permit/Jo | o#: <u>M2007003</u> | | |
| <u>P</u>] | ROJECT | IDENTIFIC | ATION State: | Colorado | | Abbreviation | None | |
| | Date: | 3/13/2023 TC1 | County: | Fremont | | Filename: | M003-000 | |
| | Age | ency or organiz | ation name: DF | RMS | | | | |

TASK LIST (DIRECT COSTS)

| Task | | Form | Fleet | Task | |
|------|---|--------------|-------|-------|----------|
| Task | Description | Used | Size | Hours | Cost |
| 010 | Remove Truck Scale & Office Trailer | NA | 1 | 8.00 | \$6,000 |
| 02A | Knock down 500' of highwall from vert. to 2H:1V | DOZER | 1 | 4.08 | \$749 |
| 02B | Loader backfill 500' highwall from 2H:1V to | TRUCK1 | 1 | 3.50 | \$1,419 |
| | 3H:1V | | | | |
| 030 | Place 12 inches of topsoil on 15 acres | TRUCK1 | 1 | 75.91 | \$30,808 |
| 040 | Same appr'd CN-01 seed mix (15 Ac) | REVEGE | 1 | 24.00 | \$26,478 |
| 050 | Mob/Demob Equipment | MOBILIZE | 1 | 2.71 | \$3,983 |
| | | <u>SUBTO</u> | TALS: | 118.2 | \$69,437 |

INDIRECT COSTS

OVERHEAD AND PROFIT:

| Liability insurance: | 2.02 | Total = | \$1,403 |
|----------------------|-------|------------------------------------|----------|
| Performance bond: | 1.05 | Total = | \$729 |
| Job superintendent: | 59.10 | Total = | \$4,440 |
| Profit: | 10.00 | Total = | \$6,944 |
| | | TOTAL O & P = | \$13,516 |
| | | CONTRACT AMOUNT (direct + O & P) = | \$82,953 |

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

| Financial warranty processing (legal/related costs): | \$0 | Total = | \$0 |
|--|----------|-----------------|----------|
| Engineering work and/or contract/bid preparation: | 4.25 | Total = | \$3,525 |
| Reclamation management and/or administration: | 5.00 | | \$4,148 |
| | | | |
| CONTINGENCY: | 0.00 | Total = | \$0 |
| | | | |
| | TOTAL | INDIRECT COST = | \$21,189 |
| | | | |
| TOTAL BO | \$90,626 | | |

Task # 02A

Page 1 of 2

BULLDOZER WORK

| Task description: | Knock down 500' of highwal | ll from vert. to 2H:1V | | |
|--|--|------------------------|---------------|---------------------|
| Site: Yevoli Cobblestone P | it Permit Action: | TR1 | Permit/Jo | b#: <u>M2007003</u> |
| PROJECT IDENTIFI | CATION | | | |
| Task #: 02A | State: Colorado | | Abbreviation: | None |
| Date: 3/13/2023 | County: Fremont | | Filename: | 2a2a2a |
| User: TC1 | | | | |
| Agency or organ | ization name: DRMS | | | |
| HOURLY EQUIPME | NT COST | | | |
| Basic Machine: Cat | D6T LGP | | | |
| Horsepower: 200 | | _ | | |
| Blade Type: Stra | aight | _ | | |
| Attachment: NA | | _ | | |
| Shift Basis: <u>1 p</u> | er day | _ | | |
| Data Source: (CF | (G) | _ | | |
| Cost Breakdown: | 1 | | | |
| | *== 02 | <u>Utilization %</u> | | |
| Ownership Cost/Hour: | \$75.83 | NA | | |
| Operating Cost/Hour: | \$66.34 | 100 | | |
| Ripper own. | \$0.00 | NA | | |
| Rinner on Cost/Hour: | \$0.00 | 0 | | |
| Operator Cost/Hour: | \$0.00 | | | |
| MATERIAL QUANTIInitial Volume:1,04Swell factor:1.12Loose volume:1,17 | TIES 2 5 2 LCY | | | |
| Source of estimated volu | me: TR-1 Exh D. Task 02/ | A.1 (attached) | | |
| Source of estimated swel | ICat Handbook | | | |
| factor: | | | | |
| HOURLY PRODUCT | ION | | | |
| Average nuch distance: | 50 feet | | | |
| Unadjusted hourly production: | 444.6 LCY/hr | | | |
| Materials consistency de | scription: <u>Compacted fill or en</u> | nbankment 0.9 | | |
| Average push gradient: | -15 % | | | |
| Average site altitude: | 5,300 feet | | | |
| Material weight: | 2,650 lbs/LCY | | | |
| Weight description: | Decomposed rock - 25% Rock, | , 75% Earth | | |

| Job Condition Correction Factor | | Source |
|---------------------------------|-------|---------------|
| Operator Skill: | 0.750 | (AVG.) |
| Material consistency: | 0.900 | (CAT HB)) |
| Dozing method: | 1.000 | (GEN.) |
| Visibility: | 1.000 | (AVG.) |
| Job efficiency: | 0.830 | (1 SHIFT/DAY) |
| Spoil pile: | 1.000 | (DOZ-OC) |
| Push gradient: | 1.329 | (CAT HB) |
| Altitude: | 1.000 | (CAT HB) |
| Material Weight: | 0.868 | (CAT HB) |
| Blade type: | 1.000 | (PAT) |

Net correction: 0.6463

| Adjusted unit production: | 287.34 LCY/hr | | |
|---------------------------|-----------------------|--|--|
| Adjusted fleet | 287 34 I CV/br | | |
| production: | 287.54 LC 1711 | | |

JOB TIME AND COST

| Fleet size: | 1 Dozer(s) |
|-------------|-------------|
| Unit cost: | \$0.639/LCY |

| Total job time: | 4.08 Hours |
|-----------------|-------------------|
| Total job cost: | \$749 |



Task # 02A.1 Highwall Pushdown from Vertical to 2H:1V Volume Estimate

C:\Users\TC1\Documents\Projects_Fremont\M-07-03 Yevoli Cobblestone Pit\TR-1 Update2Plan\YevoliHighwallBackfillCalculatorV2chk_TR1.xlsx // Highwall Backfill-Cut_Pushdown

TRUCK/LOADER TEAM WORK

| PROJECT IDENTIFICATION Task #: 02B State: County: Fremont None Date: 3/13/2023 County: Fremont Filename: 2b2b2b User: TCI | | one Pit | Permit A | Action: TR1 | | Permit/Job#: | M2007003 |
|--|-------------------------|------------------------|---|--------------------|--------------------|-----------------------|---------------|
| Task #: 02B State: Colorado Abbreviation: None Date: 3/13/2023 County: Fremont Filename: 2b2b2b Agency or organization name: DRMS HOURLY EQUIPMENT COST Shift basis:: Lper day Equipment Description Truck Loader Team -Truck: Ceneric 8-10 cy, 6x4 -Loader: CAT 928Hz Support Equipment -Load Area: NA -Dump Area: Cat D6T LGP Road Maintenance -Motor Grader: NA -Water Truck: NA Water Truck: NA Cost Breakdown: Truck/Loader Team Support Equipment Maintenance Equipment Multization-machine: 100 100 NA NA %Utilization-riper: NA 0 NA NA Water Truck: NA 0 NA NA %Utilization-riper: NA 0 NA NA Water Truck: NA 0 NA NA %Utilization-riper: NA 0 NA | PROJECT IDEN | FIFICATION | | | | | |
| Date: 3/13/2023 County: Fremont Filename: 2b2b2b Jsee: TCI | Task #: 02B | | State: Col | orado | Abl | breviation: No | ne |
| User: TCI Agency or organization name: DRMS HOURLY EQUIPMENT COST Shift basis: 1 per day Equipment Description Truck Loader Team -Truck: Generic 8-10 cy, 6x4 -Loader: -Loader: CAT 928Hz Support Equipment - Load Area: NA -Dump Area: Cat D6T LGP Road Maintenance -Motor Grader: NA -Water Truck: NA Ownership cost/hour: \$15.43 \$35.04 100 NA 100 Ownership cost/hour: NA \$0.00 NA 0 NA NA %Utilization-riper: NA 0 NA NA Na 0.00 NA \$0.00 NA NA Operating cost/hour: \$0.00 \$40.71 NA \$0.00 NA < | Date: $3/13/2$ | 2023 | County: Free | mont | | Filename: 2b2 | 2b2b |
| Agency or organization name: DRMS JOURLY EQUIPMENT COST Shift basis: 1 per day Equipment Description Truck Loader Team -Truck: Generic 8-10 cy, 6x4 -Loader: CAT 928Hz Support Equipment -Load Area: NA Support Equipment -Loader: NA NA Na Cost Breakdown: Truck/Loader Team Support Equipment Maintenance Equipment -Water Truck: NA NA NA Cost Breakdown: Truck/Loader Team Support Equipment Maintenance Equipment Quitization-machine: 100 100 NA NA Operating cost/hour: \$15.43 \$35.04 NA S66.34 NA Vumership cost/hour: \$13.71 \$28.23 NA \$66.34 NA NA Support cost/hour: NA \$0.00 NA NA NA NA Support cost/hour: \$0.00 \$40.71 NA \$40.70 NA NA Support cost/hour: \$0.00 \$40.71 NA \$10.90 NA NA Mumber of Unitis: 2 1 0 <t< td=""><td>User: TC1</td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | User: TC1 | | | | | | |
| HOURLY EQUIPMENT COST Sift basis: 'jer day: Fuck Loader Team -Truck: Generic 8-10 cy, 684 -Loader: CAT 928Hz Support Equipment -Load Area: NA -Dump Area: Cat D6T LGP Road Maintenance -Motor Grader: NA -Water Truck: NA -Water Truck: NA Cost Breakdown: Truck/Loader Team Support Equipment Maintenance Equipment Kutilization-machine: 100 100 NA 100 NA Ownership cost/hour: \$15.43 \$35.04 NA \$75.83 NA NA Ownership cost/hour: \$15.43 \$35.04 NA \$80.00 NA NA Ownership cost/hour: \$15.43 \$35.04 NA \$80.00 NA \$80.00 Gyber own.cost/hour: \$100 100 NA \$80.00 NA \$80.00 Apper own.cost/hour: NA \$0.00 NA \$80.00 \$80.00 \$80.00 Apper own.cost/hour: NA \$0.00 NA \$80.00 \$80.00 \$80.00 Nuiti Subtotals: | Agency or | organization nar | ne: DRMS | | | | |
| Equipment Description Generic 8-10 cy, 6x4 CAT 928Hz Support Equipment -Load Area: NA Oump Area: Cat D6T LGP Road Maintenance -Motor Grader: NA | HOURLY EQUIP | MENT COST | - | | Shift ba | sis: <u>1 per day</u> | |
| Generic 8-10 cy, 6x4 CAT 928Hz Support Equipment Load Area NA Cat D6T LGP Road Maintenance –Motor Grader: NA | | | | Equipment Desc | ription | | |
| Support Equipment -Loader: NA -Dump Area: Cat D6T LGP Road MaintenanceMotor Grader: NA -Water Truck: NA -Cost Breakdown: Truck/Loader Team Support Equipment Maintenance Equipmert 6Utilization-machine: 100 100 NA 100 NA 6Utilization-machine: 100 100 NA 100 NA NA 0ownership cost/hour: \$15.43 \$35.04 NA \$75.83 NA NA 0perating cost/hour: \$43.77 \$28.23 NA \$66.34 NA NA %upper own. cost/hour: NA 0 NA NA NA NA Ripper op. cost/hour: NA \$0.00 NA \$0.00 NA NA Number of Units: 2 1 0 1 0 0 Good Good NA SO.00 SO.00 <td< td=""><td>Tı</td><td>ruck Loader Tea</td><td>m -Truck: C</td><td>eneric 8-10 cy, 6x</td><td>4</td><td></td><td></td></td<> | Tı | ruck Loader Tea | m -Truck: C | eneric 8-10 cy, 6x | 4 | | |
| Support Edupment -Load Area: NA Gat Doft LGP Cat Doft LGP Road Maintenance – Motor Grader: NA | | | -Loader: C | CAT 928Hz | | | |
| Notor Grader: NA -Water Truck: NA Cost Breakdown: Truck/Loader Team Support Equipment Maintenance Equipmer Cost Breakdown: Truck/Loader Team Support Equipment Maintenance Equipment Grader Water Truck Cost Breakdown: Truck/Loader Team Support Equipment Maintenance Equipmer Maintenance Motor Grader Grader Water Truck Grader Water Truck Grader Water Truck One of Suborn: State Truck One of Suborn: Support Equipment Maintenance Equipment Maintenance Support Equipment Maintenance Equipment One of Suborn: Support Equipment Maintenance Equipment Maintenance Equipment Maintenance Equipment Support Equipment Maintenance Equipment Maintenance Equipm | Suppo | rt Equipment -L | oad Area: N | A Sat DAT L GP | | | |
| -Water Truck:NACost Breakdown:Truck/Loader TeamSupport EquipmentMaintenance Equipmer $MaintenanceCost Breakdown:Truck/Loader TeamLoad AreaDump AreaMotorGraderWater Truck6Utilization-machine:100100NA100NANAOwnership cost/hour:$15.43$35.04NA$75.83NANAOperating cost/hour:$43.77$28.23NA$66.34NANA%Utilization-riper:NA0NANANANA%Utilization-riper:NA0NANANA%Utilization-riper:NA0NANANA%Utilization-stiper:NA0NANANA%Utilization-stiper:NA$0.00NANANA%Utilization-stiper:NA$0.00NANANA%Utilization-stiper:NA$0.00NANANA%Utilization-stiper:NA$0.00NANANA%Utilization-stiper:NA$0.00NANANA%Utilization-stiper:NA$0.00NA$0.00NANa$0.00$40.71NA$41.30NANAWith Subtotals:$59.20$103.98NA$183.47NANumber of Units:210101Core point Source of estimated volume:$1,172$1$ | Road Ma | intenance –Mot | or Grader: N | IA | | | |
| Cost Breakdown:Truck/Loader TeamSupport EquipmentMaintenance Equipmer $Truck$ LoaderLoad AreaDump AreaMotor GraderWater Truck6Utilization-machine:100100NA100NANAOwnership cost/hour:\$15.43\$35.04NA\$75.83NANAOperating cost/hour:\$43.77\$28.23NA\$66.34NANA%Utilization-riper:NA0NANANA%utilization-riper:NA0NANANA%utilization-riper:NA0NANANA%utilization-riper:NA0NANANA%utilization-riper:NA0NANANA%utilization-riper:NA0NANANA%utilization-riper:NA0NANANA%utilization-riper:NA\$0.00NANANA%utilization-riper:NA\$0.00NANANA%utilization-riper:NA\$0.00NANANANa\$0.00\$40.71NA\$43.77NANAWumber of cost/hour:\$0.00\$40.71NA\$183.47NANANumber of Units:210101Group Subtotals:Work:\$222.38Support:\$183.47Maint:\$0.00Kource of estimated volume:1,172LCYCXSwell factor:1.12 | | -Wa | ter Truck: N | IA | | | |
| Cost Breakdown:Truck/Loader TeamSupport EquipmentMaintenance EquipmerTruckLoaderLoad AreaDump AreaMotor GraderWater Truck Grader&Utilization-machine:100100NA100NANAOwnership cost/hour:\$15.43\$35.04NA\$75.83NANAOperating cost/hour:\$43.77\$28.23NA\$66.34NANA%Utilization-riper:NA0NANANA%Utilization-riper:NA0NANANA%Utilization-riper:NA0NANANA%Utilization-riper:NA0NANANA%Utilization-riper:NA\$0.00NANANA%utilization-riper:NA\$0.00NANANA%utilization-riper:NA\$0.00NANANA%utilization-riper:NA\$0.00NANANA%utilization-riper:NA\$0.00NANANANa\$0.00\$40.71NA\$41.30NANAUnit Subtotals:\$59.20\$103.98NA\$183.47NANANumber of Units:2101010Group Subtotals:Work:\$222.38Support:\$183.47Maint:\$0.00Total work team cost/hour:\$405.85 | | | . <u></u> | | | | |
| Truck Loader Load Area Dump Area Motor Grader Water Iruck 6Utilization-machine: 100 100 NA 100 NA N/ Ownership cost/hour: \$15.43 \$35.04 NA \$75.83 NA N/ Operating cost/hour: \$43.77 \$28.23 NA \$66.34 NA N/ %Utilization-riper: NA 0 NA NA NA NA %utilization-riper: NA 0 NA NA NA N/ %utilization-riper: NA 0 NA NA NA N/ %utilization-riper: NA 0 NA NA NA N/ %utilization-riper: NA \$0.00 NA S0.00 NA N/ Ripper op. cost/hour: NA \$0.00 S0.00 NA N/ N/ Unit Subtotals: \$59.20 \$103.98 NA \$183.47 NA N/ Total work team cost/hour: | <u>Cost Breakdown</u> : | Truck/Loa | der Team | Support | Equipment | Maintena | nce Equipment |
| 6Utilization-machine:100100NA100NANAOwnership cost/hour:\$15.43\$35.04NA\$75.83NANAOperating cost/hour:\$43.77\$28.23NA\$66.34NANA%Utilization-riper:NA0NANANANA%Utilization-riper:NA0NANANANA%Utilization-riper:NA0NANANANA%Utilization-riper:NA\$0.00NANANANAgipper own. cost/hour:NA\$0.00NA\$0.00NANARipper op. cost/hour:NA\$0.00NA\$0.00NANAOperator cost/hour:\$0.00\$40.71NA\$41.30NANAUnit Subtotals:\$59.20\$103.98NA\$183.47NANANumber of Units:210101Group Subtotals:Work:\$222.38Support:\$183.47Maint:\$0.00Total work team cost/hour:\$405.85 | | Truck | Loader | Load Area | Dump Area | Motor Grader | Water Truck |
| Ownership cost/hour:\$15.43\$35.04NA\$75.83NANAOperating cost/hour:\$43.77\$28.23NA\$66.34NANA%Utilization-riper:NA0NANANANA%Utilization-riper:NA0NANANANA%Utilization-riper:NA0NANANANA%Utilization-riper:NA\$0.00NANANANA%Utilization-riper:NA\$0.00NANANANAipper own. cost/hour:NA\$0.00NA\$0.00NANARipper op. cost/hour:NA\$0.00NA\$0.00NANAOperator cost/hour:\$0.00\$40.71NA\$41.30NANAUnit Subtotals:\$59.20\$103.98NA\$183.47NANANumber of Units:210101Group Subtotals:Work:\$222.38Support:\$183.47Maint:\$0.00Total work team cost/hour:\$405.85\$222.38Support:\$183.47Maint:\$0.00Source of estimated volume:1.042CCYSwell factor:1.125\$2.125Loose volume:1.042CCYSwell factor:1.125\$3.00Source of estimated swell factor:\$0.00\$0.00\$3.00\$3.00\$3.00Total Cost:\$0.00\$0.00\$0.00\$3.00\$3.00\$3.00Source of | 6Utilization-machine: | 100 | 100 | 0 NA | 100 | NA | NA |
| Operating cost/hour: $\$43.77$ $\$28.23$ NA $\$66.34$ NANA%Utilization-riper:NA0NANANANA%Utilization-riper:NA $\$0.00$ NANANANAipper own. cost/hour:NA $\$0.00$ NA $\$0.00$ NANANARipper op. cost/hour:NA $\$0.00$ NA $\$0.00$ NANANAOperator cost/hour: $\$0.00$ $\$40.71$ NA $\$41.30$ NANAUnit Subtotals: $\$59.20$ $\$103.98$ NA $\$183.47$ NANANumber of Units:210101Group Subtotals:Work: $\$222.38$ Support: $\$183.47$ Maint: $\$0.00$ Total work team cost/hour: $\underline{\$405.85}$ | Ownership cost/hour: | \$15.43 | \$35.04 | 4 NA | \$75.83 | NA | NA |
| %Utilization-riper:NA0NANANAipper own. cost/hour:NA $\$0.00$ NA $\$0.00$ NA $\$0.00$ NARipper op. cost/hour:NA $\$0.00$ NA $\$0.00$ NA $\$0.00$ NAOperator cost/hour: $\$0.00$ $\$40.71$ NA $\$0.00$ NANAUnit Subtotals: $\$59.20$ $\$103.98$ NA $\$183.47$ NANANumber of Units:210101Group Subtotals:Work: $\$222.38$ Support: $\$183.47$ Maint: $\$0.00$ Total work team cost/hour: $\$405.85$ | Operating cost/hour: | \$43.77 | \$28.23 | 3 NA | \$66.34 | NA | NA |
| ipper own. cost/hour:NA $\$0.00$ NA $\$0.00$ NANARipper op. cost/hour:NA $\$0.00$ NA $\$0.00$ NA $\$0.00$ NANAOperator cost/hour: $\$0.00$ $\$40.71$ NA $\$10.30$ NANAOperator cost/hour: $\$0.00$ $\$40.71$ NA $\$41.30$ NANAUnit Subtotals: $\$59.20$ $\$103.98$ NA $\$183.47$ NANANumber of Units:210101Group Subtotals:Work: $\$222.38$ Support: $\$183.47$ Maint: $\$0.00$ Total work team cost/hour: $\$405.85$ | %Utilization-riper: | NA | (| D NA | NA | NA | NA |
| Ripper op. cost/hour:NA $\$0.00$ NA $\$0.00$ NA $\$0.00$ NANAOperator cost/hour: $\$0.00$ $\$40.71$ NA $\$41.30$ NANAUnit Subtotals: $\$59.20$ $\$103.98$ NA $\$183.47$ NANANumber of Units:21010Group Subtotals:Work: $\$222.38$ Support: $\$183.47$ Maint: $\$0.00$ Total work team cost/hour: $\$405.85$ Support: $\$183.47$ Maint: $\$0.00$ Initial volume: $1,042$ CCYSwell factor: 1.125 Loose volume: $1,172$ LCYCCYSwell factor: 1.125 Cat HandbookSource of estimated volume:TR-1 Exh D & L, Task 02B.1 (attached)Cat HandbookSource of estimated swell factor:Cat HandbookSource of estimated swell factor:Total Cost: $\$0.00$ $\$0.00$ | tipper own. cost/hour: | NA | \$0.00 | 0 NA | \$0.00 | NA | NA |
| Operator cost/hour: $\$0.00$ $\$40.71$ NA $\$41.30$ NANAUnit Subtotals: $\$59.20$ $\$103.98$ NA $\$183.47$ NANANumber of Units:21010Group Subtotals:Work: $\$222.38$ Support: $\$183.47$ Maint: $\$0.00$ Total work team cost/hour: $\$405.85$ MATERIAL QUANTITIES Initial volume: $1,042$ CCYSwell factor: 1.125 Loose volume: $1,172$ LCYTR-1 Exh D & L, Task 02B.1 (attached)Source of estimated swell factor: 80.00 100 Material Purchase Cost: $\$0.00$ $\$0.00$ | Ripper op. cost/hour: | NA | \$0.00 | D NA | \$0.00 | NA | NA |
| Unit Subtotals: $\$59.20$ $\$103.98$ NA $\$183.47$ NANANumber of Units:21010Group Subtotals:Work: $\$222.38$ Support: $\$183.47$ Maint: $\$0.00$ Total work team cost/hour: $\$405.85$ | Operator cost/hour: | \$0.00 | \$40.7 | l NA | \$41.30 | NA | NA |
| Number of Units: 2 1 0 1 0 Group Subtotals: Work: \$222.38 Support: \$183.47 Maint: \$0.00 Total work team cost/hour: \$405.85 | Unit Subtotals: | \$59.20 | \$103.98 | 8 NA | \$183.47 | NA | NA |
| Group Subtotals: Work: \$222.38 Support: \$183.47 Maint: \$0.00 Total work team cost/hour: \$405.85 | Number of Units: | 2 | - | 1 0 | 1 | 0 | 0 |
| Total work team cost/hour: \$405.85 MATERIAL QUANTITIES Initial volume: 1,042 CCY Swell factor: 1.125 Loose volume: 1,172 LCY Swell factor: 1.125 Source of estimated volume: TR-1 Exh D & L, Task 02B.1 (attached) Cat Handbook Material Purchase Cost: \$0.00 \$0.00 | Group Subtotals: | Work: | \$222.38 | Support: | \$183.47 | Maint: | \$0.00 |
| Initial volume: 1,042 CCY Swell factor: 1.125 Loose volume: 1,172 LCY Swell factor: 1.125 Source of estimated volume: TR-1 Exh D & L, Task 02B.1 (attached) Cat Handbook Source of estimated swell factor: Material Purchase Cost: \$0.00 Total Cost: \$0.00 \$0.00 | Total work team cost | /hour: <u>\$405.85</u> | | | | | |
| Initial volume: 1,042 CCY Swell factor: 1.125 Loose volume: 1,172 LCY LCY Source of estimated volume: TR-1 Exh D & L, Task 02B.1 (attached) Source of estimated swell factor: Cat Handbook Material Purchase Cost: \$0.00 Total Cost: \$0.00 | | | | | | | |
| Loose volume: 1,1/2 LCT Source of estimated volume: TR-1 Exh D & L, Task 02B.1 (attached) Source of estimated swell factor: Cat Handbook Material Purchase Cost: \$0.00 Total Cost: \$0.00 | Initial volume: | 1,042 | | CY Swell | tactor: 1.125 | | |
| Source of estimated volume:TR-1 Exh D & L, Task 02B.1 (attached)Source of estimated swell factor:Cat HandbookMaterial Purchase Cost:\$0.00Total Cost:\$0.00 | Loose volume: | 1,17 | <u> </u> | - I | | | |
| Source of estimated swell factor: Material Purchase Cost: Total Cost:Cat Handbook\$0.00\$0.00 | Sou | rce of estimated | volume: TH | R-1 Exh D & L, Ta | sk 02B.1 (attached | 1) | |
| Material Purchase Cost: 50.00 Total Cost: \$0.00 | Source of | of estimated swe | Il factor: Ca | t Handbook | | | |
| | Source | | ASPEL OST - NU | .00 | | | |
| | Source | Material Purcha | $\frac{130}{130}$ Cost: $\frac{50}{50}$ | 00 | | | |

Truck Capacity:

| Truck Payload (weight) Basis | <u>s:</u> | |
|------------------------------|-----------------------|-----------------|
| Material weight: | 2,650 | Pounds/LCY |
| Description: | Decomposed rock - 25% | Rock, 75% Earth |
| Rated Payload: | 27,280 | Pounds |
| Payload Capacity: | 10.29 | LCY |

penetration 5.0

| Truck Bed (volume) Basis: Struck Volume: Heaped Volume: Average Volume: Adjusted Volume: | 8.00 10.00 9.00 10.00 | LCY LCY LCY LCY | | | | |
|--|---------------------------------------|--|---------------------|------------------------------|----------------|---------|
| Final T | ruck Volume B | ased on Number of | Loader Passes: | 9.90 | LCY | |
| Loading Tool Capacity | | | | | | |
| | 2 000 | | Buck | tet Size Class: <u>N</u> | A | _ |
| Rated Capacity: _ Bucket Fill Factor: | 3.000 | Other - rock/dir | t mixtures (10 | 0-120%) 1 100 | | - |
| Adjusted Capacity: | 3.300 | LCY | (10 | 0 120,0) 1.100 | | - |
| Job Condition Corrections: | | Sit | e Altitude (ft.). | 5300 feet | | |
| <u>Job Condition Corrections.</u> | Truch | Loodor | E Altitude (II.). | <u>5500</u> leet | | |
| Altitude Adj: | 1.000 | 1.000 | (CAT HE | 3) | | |
| Job Efficiency: | 0.830 | 0.830 | (CAT HI | 3) | | |
| Net Correction: | 0.830 | 0.830 | | | | |
| Loading Tool Cycle Time: | N | lumber of Loading T | ool Passes Req | uired to Fill | 3 | passes |
| Excavators and Front Shovel | <u>s:</u> | | | Truck: | | |
| Machine Cycle Time vs Selected Value v | s. Job Condition vithin this Basic | Rating: <u>NA</u> Rating: NA | | | | |
| Track Loaders – | Material Descri | ption: | | | | |
| Cycle Time Elements (min.): | | | | | | |
| Load: NA | Ma | aneuver: NA | | Dump: 0.10 | 0 | |
| Wheel and Track | Loaders - Una | djusted Basic Loade | Cycle Time (lo r | oad, dump, 0 naneuver): 0 | .475 minu | ites |
| Cycle Time Factors | | | | Factor (min.) | Source | |
| Material: | Mixed materi | al 0.02 | | 0.020 | (Cat HB) | _ |
| Stockpile: | Dumped by tr | ruck 0.02 | 1 1 | 0.020 | (Cat HB) | _ |
| Truck Ownership: | 0.04 | hership of trucks and | loaders - | -0.040 | (Cat HB) | |
| Operation: | Constant oper | ration -0.04 | | -0.040 | (Cat HB) | _ |
| Dump Target: | Nominal targ | $\frac{\text{et } 0.00}{\text{N} + C = 1 - T^{2}}$ | A 1' - 4 - 4 | 0.000 | (Cat HB) | _ |
| | | Adjusted Loade | r Cycle Time: | -0.040 | _ minutes | |
| | | Net Load Ti | ne per Truck: | 0.970 | minutes | |
| Truck Cvcle Time: | | | | | | |
| Truck Exchange Time | : 0.50 | Minutes | Adjusted | for site altitude: | 0.500 | Minutes |
| Truck Load Time | : 0.970 | Minutes | Adjusted | for site altitude: | 0.970 | Minutes |
| Truck Maneuver and Dumi | 0.80 | Minutes | Adjusted | for site altitude: | 0.800 | Minutes |
| Time | : | _ | | | • • | |
| Truck Travel (Haul & Return |) Time: | Road Condition: <u>F</u> | utted dirt, little | maintenance, no w | vater, 2" tire | |

| Seg # | Haul I (Ft) | Distance | Grade (%) | Roll. Res (%) | Total Res (%) | Velocity (fpm) | Travel Time | |
|---|-------------------------------|---|---|--|---|--|---|--|
| 1 | 400.0 | 0 | 5.00 | 5.00 | 0.00 | 2029 | (min) | _ |
| 1 | 400.00 | J | -5.00 | 5.00 | 0.00 | 2938 | 0.223 | |
| | | | | | Haul Time: | 0.223 | minu | ites |
| Return Rou | te: | | | | 1 | | n | |
| Seg # | Haul I | Distance | Grade (%) | Roll. Res | Total Res | Velocity | Travel | |
| | (Ft) | | | (%) | (%) | (fpm) | (min) | |
| 1 | 400.0 | 0 | 5.00 | 5.00 | 10.00 | 1768 | 0.237 | |
| | | | | Total True | Return Time: ck Cycle Time: | 0.237 | 7 min D min | nutes |
| Loading Tool | l unit | | | | | | | |
| | | | | | | | | |
| Produ | ction | 404.08 | LCY/Hour | | Adjusted for jo | ob efficiency: | 335.39 | LCY/Hou |
| Produ k Unit Produ | ction _ ction _ | 404.08 217.58 | LCY/Hour LCY/Hour | | Adjusted for jo | bb efficiency: bb efficiency: | 335.39 | LCY/Hou |
| Produ k Unit Produ nal No. of Tru | ction _ ction _ ucks: _ | 404.08 217.58 2 | LCY/Hour LCY/Hour Truck(s) | | Adjusted for jo Adjusted for jo Selected Numb | ob efficiency: ob efficiency: per of Trucks: | 335.39 180.59 2 | LCY/Hour LCY/Hour Truck(s) |
| Produ k Unit Produ nal No. of Tru | ction _ ction _ ucks: _ | 404.08 217.58 2 | LCY/Hour LCY/Hour Truck(s) | l hourly truck | Adjusted for jo Adjusted for jo Selected Numb team productio | bb efficiency: bb efficiency: ber of Trucks: on: 361 | <u>335.39</u> <u>180.59</u> <u>2</u> .19 L0 | DLCY/Hou DLCY/Hou Truck(s) CY/Hour |
| Produ k Unit Produ nal No. of Tru | ction _ ction _ ucks: _ | 404.08 217.58 2 | LCY/Hour LCY/Hour Truck(s) Adjusted single | l hourly truck e truck/loader | Adjusted for jo Adjusted for jo Selected Numb team productio team productio | bb efficiency: bb efficiency: ber of Trucks: on: <u>361</u> on: <u>335</u> | | DLCY/Hou DLCY/Hou Truck(s) CY/Hour CY/Hour |
| Produ k Unit Produ nal No. of Tru | ction | 404.08 217.58 2 A | LCY/Hour LCY/Hour Truck(s) Adjusted single adjusted multiple | l hourly truck e truck/loader e truck/loader | Adjusted for jo Adjusted for jo Selected Numb team productio team productio | bb efficiency: bb efficiency: ber of Trucks: bn: 335 bn: 335 | <u>335.39</u> <u>180.59</u> <u>2</u> <u>.19</u> L0 <u>.39</u> L0 | Description Descr |
| Produ- k Unit Produ- nal No. of Tru JOB TIM | tion - ction - ucks: _ | 404.08 217.58 2 A D COST | LCY/Hour LCY/Hour Truck(s) Adjusted Adjusted single | l hourly truck e truck/loader e truck/loader | Adjusted for jo Adjusted for jo Selected Numb team productio team productio | bb efficiency: bb efficiency: ber of Trucks: bn: 361 bn: 335 bn: 335 | $ \begin{array}{r} 335.39 \\ 180.59 \\ 2 \\ .19 \\ .39 \\ .39 \\ L0 .39 \\ L0 $ | DLCY/Hou DLCY/Hou Truck(s) CY/Hour CY/Hour CY/Hour |
| Product k Unit Product nal No. of Tru JOB TIM Fleet s | ction | 404.08 217.58 2 A D COST 1 | LCY/Hour LCY/Hour Truck(s) Adjusted Adjusted single adjusted multiple Team(s) | l hourly truck e truck/loader e truck/loader Ta | Adjusted for jo Adjusted for jo Selected Numb team productio team productio team productio | ob efficiency: ob efficiency: oer of Trucks: on: 361 on: 335 on: 335 335 | $ \begin{array}{r} 335.39 \\ 180.59 \\ 2 \\ .19 \\ .39 \\ .2 \\ .39 \\ .0 \\ \\ $ | DLCY/Hou DLCY/Hou Truck(s) CY/Hour CY/Hour CY/Hour Hours |



Task # 02B.1 Highwall Backfill from 2H:1V to 3H:1V Volume Estimate

TRUCK/LOADER TEAM WORK

| Site: Yevoli Cobblesto | ne Pit | Permit Ac | tion: <u>TR1</u> | | Permit/Job#: | M2007003 |
|--|-----------------------|------------------------------|----------------------|------------------------|-----------------------------|------------------------------|
| PROJECT IDENT | IFICATION | | | | | |
| Task #: 030 Date: $3/13/2$ User: TC1 | 023 | State: Color County: Frem | ado ont | Abl | Filename: 303 | ne 030 |
| Agency or o | organization nan | ne: DRMS | | | | |
| HOURLY EQUIP | <u>MENT COST</u> | - | Equinment Decor | Shift ba | sis: <u>1 per day</u> | |
| Tru | uck Loader Tea | m -Truck: Ge | neric 8-10 cy, 6x4 | iption | | |
| | | -Loader: CA | T 928Hz | | | |
| Suppor | rt Equipment -L | oad Area: NA | | | | |
| Road Mai | -Du ntenance –Moto | imp Area: Cat | D61 LGP | | | |
| itouu mu | -Wa | ter Truck: NA | L | | | |
| | | | | _ | _ | |
| <u>Cost Breakdown</u> : | Truck/Loa Truck | der Team Loader | Support Load Area | Equipment Dump Area | Maintena Motor Grader | nce Equipment Water Truck |
| 6Utilization-machine: | 100 | 100 | NA | 100 | NA | NA |
| Ownership cost/hour: | \$15.43 | \$35.04 | NA | \$75.83 | NA | NA |
| Operating cost/hour: | \$43.77 | \$28.23 | NA | \$66.34 | NA | NA |
| %Utilization-riper: | NA | 0 | NA | NA | NA | NA |
| ipper own. cost/hour: | NA | \$0.00 | NA | \$0.00 | NA | NA |
| Ripper op. cost/hour: | NA | \$0.00 | NA | \$0.00 | NA | NA |
| Operator cost/hour: | \$0.00 | \$40.71 | NA | \$41.30 | NA | NA |
| Unit Subtotals: | \$59.20 | \$103.98 | NA | \$183.47 | NA | NA |
| Number of Units: | 2 | 1 | 0 | 1 | 0 | 0 |
| Group Subtotals: | Work: | \$222.38 | Support: | \$183.47 | Maint: | \$0.00 |
| Total work team cost/ | hour: <u>\$405.85</u> | | | | | |
| MATERIAL QUA | <u>NTITIES</u> | | | | | |
| Initial volume: Loose volume: | 24,200 24,20 | 00 CCY LCY | Swell | factor: <u>1.000</u> | | |
| Sour | rce of estimated | volume: TR- | 1 15 acres @ 12 ii | nches topsoil dept | th | |
| Source o | f estimated swe | Il factor: Cat | Handbook | | | |
| | Material Purcha | ase Cost: \$0.0 | U | | | |
| | To | tal Cost: \$0.0 | 0 | | | |

| Pounds/LCY |
|------------|
| |
| Pounds |
| LCY |
| - |

penetration 5.0

| Truck Bed (volume) Basis: Struck Volume: | 8.00 | LCY | | | | |
|---|---------------------------------------|--|---------------------|--------------------------|----------------|---------|
| Heaped Volume: | 10.00 | LCY | | | | |
| Average Volume: | 9.00 | LCY | | | | |
| Adjusted Volume: | 10.00 | LCY | | | | |
| | | | | | | |
| Final | Truck Volume I | Based on Number of | Loader Passes: | 9.90 | LCY | |
| Loading Tool Capacity | | | | | | |
| | | | Buck | tet Size Class: 1 | NA | _ |
| Rated Capacity: | 3.000 | LCY (heaped) | | | | _ |
| Bucket Fill Factor: | 1.100 | Other - rock/dir | t mixtures (10 | 0-120%) 1.100 | | _ |
| Adjusted Capacity: | 3.300 | LCY | | | | |
| Job Condition Corrections | <u>::</u> | Sit | e Altitude (ft.): | <u>5300</u> feet | | |
| | Truck | Loader | Source | | | |
| Altitude Adj: | 1.000 | 1.000 | (CAT HI | 3) | | |
| Job Efficiency: | 0.830 | 0.830 | (CAT HI | 3) | | |
| | | | | | | |
| Net Correction: | 0.830 | 0.830 | | | | |
| Loading Tool Cycle Time | <u>.</u> 1 | Number of Loading T | ool Passes Req | uired to Fill | 3 | passes |
| Excavators and Front Shove | els: | | | Truck: | | |
| Machine Cycle Time Selected Value | vs. Job Condition within this Basi | n Rating: <u>NA</u> c Rating: <u>NA</u> | | | | |
| Track Loaders - | - Material Descr | iption: | | | | |
| Cycle Time Elements (min.) | : | · | | | | |
| Load: NA | N | laneuver: NA | | Dump: 0.10 | 00 | |
| Wheel and Trac | ck Loaders - Una | djusted Basic Loader | Cycle Time (lo r | oad, dump, naneuver): | 0.475 min | utes |
| Cycle Time Factors | | | | Factor (min.) | Source | |
| Material: | Mixed mater | ial 0.02 | | 0.020 | (Cat HB) | |
| Stockpile: | Dumped by | truck 0.02 | | 0.020 | (Cat HB) | _ |
| Truck Ownership: | Common ow 0.04 | mership of trucks and | loaders - | -0.040 | (Cat HB) | |
| Operation: | Constant ope | eration -0.04 | | -0.040 | (Cat HB) | |
| Dump Target: | Nominal targ | get 0.00 | | 0.000 | (Cat HB) | _ |
| | | Net Cycle Time | e Adjustment: | -0.040 | minutes | |
| | | Adjusted Loade | r Cycle Time: | 0.435 | minutes | |
| | | Net Load 11 | ne per Truck: | 0.970 | minutes | |
| Truck Cycle Time: | | | | | | |
| Truck Exchange Tim | ne: 0.50 | Minutes | Adjusted | for site altitude: | 0.500 | Minutes |
| Truck Load Tim | ne: 0.970 | Minutes | Adjusted | for site altitude: | 0.970 | Minutes |
| Truck Maneuver and Dur | nn <u> </u> | Minutes | Adjusted | for site altitude | 0.800 | Minutes |
| Tim | ne: | | Aujusieu | | 0.000 | - |
| Truck Travel (Haul & Retur | n) Time: | Road Condition: <u>F</u> | Rutted dirt, little | maintenance, no | water, 2" tire | |

| Seg # | Haul I | Distance | Grade (%) | Roll. Res | Total Res | Velocity | Trave | el | |
|---|--|---|---|---|---|---|--|--|--|
| U | (Ft) | | | (%) | (%) | (fpm) | Time | : | |
| | () | | | | | | (min) |) | |
| 1 | 800.0 | 0 | -5.00 | 5.00 | 0.00 | 2938 | 0.359 |) | |
| | | | | | Haul Time: | 0.359 | | minutes | |
| Return Ro | ute: | | - n | | | | | | |
| Seg # | Haul I | Distance | Grade (%) | Roll. Res | Total Res | Velocity | Trave | el | |
| | (Ft) | | | (%) | (%) | (fpm) | Time (min) |) | |
| 1 | 800.0 | 0 | 5.00 | 5.00 | 10.00 | 1768 | 0.464 | ł | |
| | | | | | Return Time: | 0.464 | 4 | minutes | |
| | | | | Total Tru | ck Cycle Time: | 3.093 | 3 | minutes | |
| | | | | | • | | | - | |
| т | -1 :4 | | | | | | | | |
| Loading Too | ol unit | 404.08 | I CV/Hour | | Adjusted for i | h afficianov. | 2 | 25 20 | I CV/Hou |
| Loading Too Prod | ol unit uction | 404.08 | LCY/Hour | | Adjusted for jo | ob efficiency: | 3 | 35.39 | LCY/Hou |
| Loading Too Prod k Unit Prod | ol unit uction _ uction | 404.08 | LCY/Hour LCY/Hour | | Adjusted for jo | bb efficiency: bb efficiency: | 3 | 59.40 | LCY/Hou |
| Loading Too Prod k Unit Prod nal No. of T | ol unit uction _ uction _ - rucks: _ | 404.08 192.05 2 | LCY/Hour LCY/Hour Truck(s) | | Adjusted for jo Adjusted for jo Selected Numb | bb efficiency: bb efficiency: ber of Trucks: | <u> </u> | 35.39 59.40 2 | LCY/Hou LCY/Hou Truck(s) |
| Loading Too Prod k Unit Prod nal No. of T | ol unit uction _ uction _ rucks: _ | 404.08 192.05 2 | LCY/Hour LCY/Hour Truck(s) | l hourly truck | Adjusted for jo Adjusted for jo Selected Numb team productio | bb efficiency: bb efficiency: ber of Trucks: bn: 318 | 3 1 | 2 LCY/F | _ LCY/Hou _ LCY/Hou _ Truck(s) Iour |
| Loading Too Prod k Unit Prod nal No. of T | ol unit uction uction - rucks: | 404.08 192.05 2 | LCY/Hour LCY/Hour Truck(s) Adjusted | l hourly truck e truck/loader | Adjusted for jo Adjusted for jo Selected Numb team productio | bb efficiency: bb efficiency: ber of Trucks: on: <u>318</u> on: <u>318</u> | 3 1 3.80 3.80 | 35.39 59.40 2 LCY/F | _ LCY/Hou _ LCY/Hou _ Truck(s) Iour Iour |
| Loading Too Prod k Unit Prod nal No. of T | ol unit uction _ uction _ rucks: _ | 404.08 192.05 2 | LCY/Hour LCY/Hour Truck(s) Adjusted Adjusted single | l hourly truck e truck/loader e truck/loader | Adjusted for jo Adjusted for jo Selected Numb team productio team productio team productio | bb efficiency: bb efficiency: ber of Trucks: on: 318 on: 318 on: 318 | 3 1 3.80 3.80 3.80 | 35.39 59.40 2 LCY/F LCY/F LCY/F | LCY/Hou LCY/Hou Truck(s) Iour Iour Iour |
| Loading Too Prod k Unit Prod nal No. of T | ol unit uction _ uction _ rucks: _ | 404.08 192.05 2 | LCY/Hour LCY/Hour Truck(s) Adjusted single Adjusted multiple | l hourly truck e truck/loader e truck/loader | Adjusted for jo Adjusted for jo Selected Numb team productio team productio team productio | bb efficiency: bb efficiency: ber of Trucks: on: <u>318</u> on: <u>318</u> on: <u>318</u> | 3 1 3.80 3.80 3.80 | 35.39 59.40 2 LCY/F LCY/F LCY/F | LCY/Hou LCY/Hou Truck(s) Hour Hour Hour |
| Loading Too Prod k Unit Prod nal No. of T <u>JOB TIN</u> | ol unit uction _ uction _ rucks: _ <u>1E ANI</u> | 404.08 192.05 2 A D COST | LCY/Hour LCY/Hour Truck(s) Adjusted Adjusted single | l hourly truck e truck/loader e truck/loader | Adjusted for jo Adjusted for jo Selected Numb team productio team productio team productio | bb efficiency: bb efficiency: ber of Trucks: on: 318 on: 318 on: 318 | 3 1 3.80 3.80 3.80 | 35.39 59.40 2 LCY/F LCY/F | LCY/Hou LCY/Hou Truck(s) Hour Iour Iour |
| Loading Too Prod k Unit Prod nal No. of T <u>JOB TIN</u> Fleet | ol unit uction _ rucks: _ <u>IE ANI</u> size: _ | 404.08 192.05 2 A D COST 1 | LCY/Hour LCY/Hour Truck(s) Adjusted single Adjusted multiple Team(s) | l hourly truck e truck/loader e truck/loader T | Adjusted for jo Adjusted for jo Selected Numb team productio team productio team productio | ob efficiency: ob efficiency: oer of Trucks: on: 318 on: 318 on: 318 75.9 | 3 1 3.80 3.80 3.80 3.80 3.80 | 35.39 59.40 2 LCY/F LCY/F LCY/F Hour | LCY/Hou LCY/Hou Truck(s) Iour Iour Iour |

REVEGETATION WORK

| Т | Task description: | | on: Same appr'd CN-01 seed mix (15 Ac) | | | |
|-----------|-------------------|----------------|--|-----|---------------|-------------|
| te: | Yevoli Co | obblestone Pit | Permit Action: | TR1 | Permit/Job | #: M2007003 |
| <u>PI</u> | ROJECT | IDENTIFIC | ATION | | | |
| | Task #: | 040 | State: Colorado | | Abbreviation: | None |
| | Date: | 3/13/2023 | County: Fremont | | Filename: | 404040 |
| | TI | TC1 | | | | |

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 | 60.00 |
| Total Fertilizer Application Cost/Acre | \$0.00 |

TILLING

| Description | Cost /Acre |
|-------------------------|------------|
| Chisel plowing {DMG} | \$98.43 |
| | |
| Total Tilling Cost/Acre | \$98.43 |

SEEDING

| Seed Mix | Rate – PLS LBS / Acre | Seeds per SQ. FT | Cost /Acre |
|-----------------------------|--------------------------------|------------------------|------------|
| Blue Grama - Lovington | 2.10 | 34.28 | \$33.55 |
| Sainfoin - Eski | 2.00 | 0.87 | \$5.95 |
| Western Wheatgrass - Arriba | 11.20 | 28.28 | \$72.80 |
| Needle and Thread | 3.30 | 8.71 | \$138.11 |
| Prairie Junegrass | 0.20 | 10.63 | \$5.20 |
| Totals Seed Mix | 18.80 | 82.78 | \$255.60 |

Application

| Description | | Cost /Acre |
|----------------------------------|---------------------------------|------------|
| Drill Seeding (DRMS Survey Cost) | | \$232.00 |
| | | |
| Т | otal Seed Application Cost/Acre | \$232.00 |

MULCHING and MISCELLANEOUS

Materials

| Description | Units / Acre | Unit | Cost / Unit | Cost /Acre |
|---|-----------------|------|-------------|------------|
| Straw, delivered {MEANS 31 25 14.16 1200} | 2.00 | TON | \$421.36 | \$842.72 |
| Total Mulch Materials Cost/Acre | | | | \$842.72 |

Application

| Description | | Cost /Acre |
|--|----------------------------------|------------|
| Crimping, with tractor {DMG survey data} | | \$73.00 |
| Power mulcher (MEANS 32 91 13.16 0350) | | \$141.57 |
| | | |
| Т | otal Mulch Application Cost/Acre | \$214.57 |

NURSERY STOCK PLANTING

| Common Name | No / Acre | Type and Size | Planting Cost | Fertilizer Pellet Cost | Cost /Acre |
|-------------|--------------|---------------|------------------|---------------------------|------------|
| | | | | | \$ |
| | | | | | |
| | | Totals | Nursery Stoc | ek Cost / Acre | \$0.00 |

JOB TIME AND COST

| No. of Acres: | 15 | Cost /Acre: | \$1,643.32 |
|--------------------------------------|---------|--------------|------------|
| Estimated Failure Rate: | 25% | Cost /Acre*: | \$487.60 |
| *Selected Replanting Work Items: | SEEDING | | |
| Initial Job Cost: \$24,649.80 | | | |

| miniai Job Cost. | \$24,049.00 |
|---------------------|-------------|
| Reseeding Job Cost: | \$1,828.50 |
| Total Job Cost: | \$26,478 |
| Job Hours: | 24.00 |

EQUIPMENT MOBILIZATION/DEMOBILIZATION

| Yevoli Cobblestone Pit Permit Action: TR1 Permit/Job#: M2007003 PROJECT IDENTIFICATION | Task description: | Mo | b/Demob Equipn | nent | | | | |
|--|--------------------------------|---|-------------------|--------------------|-----------|-------------------------|-------------------------|------------------|
| PROJECT IDENTIFICATION Task #: 050 State: Colorado None Date: $3/13/2023$ County: Fremont Siloson User: TC1 Soundy: Fremont Soloson Agency or organization name: DRMS COUIPMENT 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 GOOSTREKCK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T) Cost Breakdown: Ownership Cost/Hour: \$25.26 Ownership Cost/Hour: \$27.71 S27.71 Available Rig Capacities 0-25 Tons 51+ Tons Operating Cost/Hour: \$27.71 \$27.71 \$27.71 Helper Cost/Hour: \$68.22 \$101.82 \$136.92 NON ROADABLE EQUIPMENT: Machine Weight/ Owner ship Haul Rig Fleet Haul Trip Cost/hr/ fleet Cost/hr | : <u>Yevoli Cobble</u> | stone Pit | Permit | Action: <u>TR1</u> | |] | Permit/Job#: <u>M</u> | 2007003 |
| Task #:050State:ColoradoAbbreviation:NoneDate: $3/13/2023$ County:FremontFilename: 505050 User:TC1Agency or organization name:DRMSCost Data Source:I per day Cost Data Source:CRG DataCRG 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:Available Rig Capacities0-25 Tons 25.25\$25.26\$30.06\$31.41 Operator Cost/Hour:\$25.27\$30.00\$20.22 <td< th=""><th>PROJECT IDE</th><th>NTIFICATI</th><th>ON</th><th></th><th></th><th></th><th></th><th></th></td<> | PROJECT IDE | NTIFICATI | ON | | | | | |
| Date: $3/13/2023$ TClCounty:FremontFilename: 505050 User:TClAgency or organization name:DRMSEOUIPMENT TRANSPORT RIG COSTShift basis:1 per day Cost Data Source:Cost 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:Available Rig Capacities0-25 Tons 26-50 Tons51+ Tons 52.26Operating Cost/Hour:\$15.25\$23.06\$37.71\$27.71Operating Cost/Hour:\$15.25\$20.02Total Unit Cost/Hour:\$68.22\$101.82\$136.92NON ROADABLE EOUIPMENT:Machine DescriptionWeight/ Cost/hr/ unit (TONS)Numer ship Cost/hr/unit t< | Task #: 050 |) | State: Co | olorado | | Abbre | eviation: None | |
| Agency or organization name: DRMS COUPPMENT TRANSPORT RIG COST Shift basis: 1 per day Cost Data Source: Cost Data Source: 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: Store St | Date: 3/1 User: TC | Date:3/13/2023County:FremontFilename:505050User:TC1 | | | | | 0 | |
| 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 Operating Cost/Hour: \$15.25 \$23.06 \$37.58 Operator Cost/Hour: \$25.26 \$30.83 \$51.41 Operator Cost/Hour: \$27.71 \$27.71 \$27.71 Helper Cost/Hour: \$68.22 \$101.82 \$136.92 NON ROADABLE EQUIPMENT: Machine Weight/ Owner ship Haul Rig Fleet Haul Trip Return Trip DOT Permil Cost/hr/ fleet Cat D6T LGP 26.87 \$75.83 \$101.82 \$250.00 Cost/fleet Cost/fleet Cost/fleet Cost/fleet S00.00 S20.22 \$206.52 \$136.44 \$500.00 S20.00 S17.65 \$101.82 \$250.00 S250.00 S01.41 S00.00 S20.02 \$136.44 \$500.00 S17.65 \$101.82 \$250.00 <t< td=""><td>Agency</td><td>or organization</td><td>n name: DRMS</td><td></td><td></td><td></td><td></td><td></td></t<> | Agency | or organization | n name: DRMS | | | | | |
| $\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$ | EQUIPMENT 1 | FRANSPOR | <u>T RIG COST</u> | | | | | |
| 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: \$15.25 \$23.06 \$37.58 Operator Cost/Hour: \$25.26 \$30.83 \$51.41 Operator Cost/Hour: \$25.26 \$30.83 \$51.41 Operator Cost/Hour: \$27.71 \$27.71 Helper Cost/Hour: \$0.00 \$20.22 \$20.22 \$101.82 \$136.92 Machine Weight/ Owner ship Haul Rig Fleet Haul Trip Cost/hr/ fleet DOT Permit Cat D6T LGP 26.87 \$75.83 \$101.82 \$250.00 \$20.52 \$13.644 \$500.00 Drill/Broadcast 25.00 \$68.22 1 \$74.47 \$68.22 \$25.00 Image// fleet <t< td=""><td></td><td></td><td></td><td></td><td></td><td>Shift ba</td><td>sis: 1 per da</td><td>у</td></t<> | | | | | | Shift ba | sis: 1 per da | у |
| Machine Weight/ Unit Owner ship Cost/hr/ unit Haul Rig Cost/hr/ unit Fleet States Haul Rig Size Fleet Cost/hr/ fleet Haul Trip Size Return Trip Cost/hr/ fleet DOT Permit Cost/hr/ Size Machine Weight/ Unit Owner ship Size Size | | | | | C | Cost Data Sour | rce: CRG Da | ta |
| 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: \$15.25 \$23.06 \$37.58 Operating Cost/Hour: \$25.26 \$30.83 \$51.41 Operator Cost/Hour: \$27.71 \$27.71 \$27.71 \$27.71 \$27.71 \$27.71 \$20.22 Total Unit Cost/Hour: \$568.22 \$\$101.82 \$\$136.92 NON ROADABLE EQUIPMENT: Machine Weight/ Owner ship Haul Rig Fleet Haul Trip Cost/hr/ fleet | Truck | x Tractor Desc | ription: GENE | RIC ON-HIGH | WAY TRU | CK TRACTO | OR, 6X4, DIESEL | POWERED, |
| Available Rig Capacities 0-25 Tons 26-50 Tons 51+ Tons Ownership Cost/Hour: \$15.25 \$23.06 \$37.58 Operating Cost/Hour: \$25.26 \$30.83 \$51.41 Operator Cost/Hour: \$27.71 \$27.71 \$27.71 Helper Cost/Hour: \$68.22 \$101.82 \$136.92 NON ROADABLE EQUIPMENT: Machine Weight/ Owner ship Haul Rig Fleet Haul Trip Return Trip DOT Permit Cast DoT LGP 26.87 \$75.83 \$101.82 \$136.92 \$101.82 \$250.00 CAT 928Hz 13.91 \$35.04 \$68.22 2 \$101.82 \$136.44 \$500.00 Drill/Broadcast 25.00 \$66.25 \$68.22 1 \$74.47 \$68.22 \$250.00 Subtotale: 6.00 \$14.79 \$68.22 1 \$74.47 \$68.22 \$250.00 | True | k Trailer Desc | ription: G | ENERIC FOLT | 400 HP | (2ND HALF, SENECK DE | 2006) 2000 DECK EQUI | IPMENIT |
| Available Rig Capacities 0-25 Tons 26-50 Tons 51+ Tons Ownership Cost/Hour: \$15.25 \$23.06 \$37.58 Operating Cost/Hour: \$25.26 \$30.83 \$51.41 Operator Cost/Hour: \$27.71 \$27.71 \$27.71 Helper Cost/Hour: \$20.22 \$20.22 \$20.22 Total Unit Cost/Hour: \$68.22 \$101.82 \$136.92 NON ROADABLE EQUIPMENT: Haul Rig Cost/hr/ unit (TONS) Fleet Haul Trip Cost/hr/ Return Trip Cost/hr/ fleet DOT Permit Cost/hr/ fleet Machine Description Weight/ Unit (TONS) Owner ship Cost/hr/unit Haul Rig Cost/hr/unit Fleet Size Haul Trip Cost/hr/ DOT Permit Cost/hr/ fleet Cat D6T LGP D6A7 928Hz 13.91 \$35.04 \$68.22 1 \$177.65 \$101.82 \$250.00 CAT 928Hz 13.91 \$35.04 \$68.22 1 \$74.47 \$68.22 \$250.00 Beeder with Tractor 5 \$68.22 1 \$74.47 \$68.22 \$250.00 Bowie LD-90) | The | k Hallel Desc | | ENERIC FOLL | TRAILER (| 25T 50T AN | JD 100T) | |
| Mailable Rig Capacities 0-25 Tons 26-50 Tons 51+ Tons Ownership Cost/Hour: \$15.25 \$23.06 \$37.58 Operating Cost/Hour: \$25.26 \$30.83 \$51.41 Operator Cost/Hour: \$27.71 \$27.71 \$27.71 Helper Cost/Hour: \$0.00 \$20.22 \$20.22 Total Unit Cost/Hour: \$68.22 \$101.82 \$136.92 NON ROADABLE EQUIPMENT: Machine Weight/ Owner ship Haul Rig Fleet Haul Trip Return Trip DOT Permit Cost/hr/ unit Cost/hr/ unit Cost/hr/unit Size Cost/hr/ Cost/hr/ Cost/hr/ Description Unit Cost/hr/ unit Size Cost/hr/ Cost/hr/ Cost/hr/ Cat D6T LGP 26.87 \$75.83 \$101.82 1 \$177.65 \$101.82 \$250.00 CAT 928Hz 13.91 \$35.04 \$68.22 1 \$74.47 \$68.22 \$250.00 Prill/Broadcast 25.00 \$62.5 \$68.22 1 \$74.47 | | | | | INTELIC | 231, 301, 71 | (D 1001) | |
| Available Rig Capacities 0-25 Tons 26-50 Tons 51+ Tons Ownership Cost/Hour: \$15.25 \$23.06 \$37.58 Operating Cost/Hour: \$25.26 \$30.83 \$51.41 Operator Cost/Hour: \$27.71 \$27.71 \$27.71 Helper Cost/Hour: \$0.00 \$20.22 \$20.22 Total Unit Cost/Hour: \$68.22 \$101.82 \$136.92 NON ROADABLE EQUIPMENT: Machine Weight/ Unit (TONS) Owner ship Cost/hr/unit t Haul Rig Cost/hr/unit Size Fleet Cost/hr/ fleet Return Trip Cost/hr/ fleet DOT Permit Cost/hr/ Cost/fleet Cat D6T LGP 26.87 \$75.83 \$101.82 1 \$177.65 \$101.82 \$250.00 CAT 928Hz 13.91 \$35.04 \$68.22 2 \$206.52 \$136.44 \$500.00 Drill/Broadcast 25.00 \$6.25 \$68.22 1 \$74.47 \$68.22 \$250.00 Gowie LD-90 1 514.79 \$68.22 1 \$83.01 \$68.22 \$250.00 | <u>Cost Breakdown:</u> | | | | | | | |
| Ownership Cost/Hour: \$15.25 \$23.06 \$37.58 Operating Cost/Hour: \$25.26 \$30.83 \$51.41 Operator Cost/Hour: \$27.71 \$27.71 \$27.71 Helper Cost/Hour: \$0.00 \$20.22 \$20.22 Total Unit Cost/Hour: \$68.22 \$101.82 \$136.92 NON ROADABLE EQUIPMENT: Machine Weight/ Unit Owner ship Cost/hr/ unit Haul Rig Cost/hr/unit Fleet Size Haul Trip Cost/hr/ Gost/hr/ fleet DOT Permit Cost/hr/ fleet Cat D6T LGP 26.87 \$75.83 \$101.82 1 \$177.65 \$101.82 \$250.00 CAT 928Hz 13.91 \$35.04 \$68.22 2 \$206.52 \$136.44 \$500.00 Drill/Broadcast 25.00 \$62.25 \$68.22 1 \$74.47 \$68.22 \$250.00 Power Mulcher 6.00 \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 Bower Mulcher 6.00 \$14.79 \$68.22 1 \$83.01 \$68.22 \$250. | Available Rig C | apacities | 0-25 Tons | 26-50 Tons | 51+ | Tons | | |
| Operating Cost/Hour: $\$25.26$ $\$30.83$ $\$51.41$ Operator Cost/Hour: $\$27.71$ $\$27.71$ $\$27.71$ Helper Cost/Hour: $\$0.00$ $\$20.22$ $\$20.22$ Total Unit Cost/Hour: $\$68.22$ $\$101.82$ $\$136.92$ NON ROADABLE EQUIPMENT: 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/hr/ fleet Cat D6T LGP 26.87 $\$75.83$ $\$101.82$ 1 $\$177.65$ $\$101.82$ $\$25.00$ CAT 928Hz 13.91 $\$35.04$ $\$68.22$ 2 $\$206.52$ $\$136.44$ $\$500.00$ Drill/Broadcast 25.00 $\$6.25$ $\$68.22$ 1 $\$74.47$ $\$68.22$ $\$250.00$ Power Mulcher 6.00 $\$14.79$ $\$68.22$ 1 $\$74.47$ $\$68.22$ $\$250.00$ | Ownership | Cost/Hour: | \$15.25 | \$23.06 | \$3 | 7.58 | | |
| Operator Cost/Hour: $\$27.71$ $\$27.71$ $\$27.71$ Helper Cost/Hour: $\$0.00$ $\$20.22$ $\$20.22$ Total Unit Cost/Hour: $\$68.22$ $\$101.82$ $\$136.92$ NON ROADABLE EQUIPMENT: Owner ship Cost/hr/ unit Haul Rig Cost/hr/unit Fleet Haul Trip Cost/hr/ Gost/hr/ fleet DOT Permit Cost/hr/ fleet Machine Description Weight/ Unit (TONS) Owner ship Cost/hr/ unit t Haul Rig Cost/hr/unit Fleet Size Haul Trip Cost/hr/ Gost/hr/ fleet DOT Permit Cost/hr/ fleet Cat D6T LGP 26.87 $\$75.83$ $\$101.82$ $\$177.65$ $\$101.82$ $\$250.00$ CAT 928Hz 13.91 $\$35.04$ $\$68.22$ $$2$ $\$206.52$ $\$136.44$ $\$500.00$ Drill/Broadcast Seeder with Tractor 25.00 $\$62.5$ $\$68.22$ 1 $\$74.47$ $\$68.22$ $\$250.00$ New FMulcher (Bowie LD-90) 6.00 $\$14.79$ $\$68.22$ 1 $\$83.01$ $\$68.22$ $\$250.00$ | Operating | g Cost/Hour: | \$25.26 | \$30.83 | \$5 | 1.41 | | |
| Helper Cost/Hour: $\$0.00$ $\$20.22$ $\$20.22$ Total Unit Cost/Hour: $\$68.22$ $\$101.82$ $\$136.92$ NON ROADABLE EQUIPMENT:Machine DescriptionWeight/ Unit (TONS)Owner ship Cost/hr/ unit tHaul Rig Cost/hr/unit SizeFleet Cost/hr/ fleetHaul Trip Cost/hr/ fleetReturn Trip Cost/hr/ fleetDOT Permit Cost/hr/ fleetCat D6T LGP CAT 928Hz26.87 $\$75.83$ $\$101.82$ 1 $\$177.65$ $\$101.82$ $\$250.00$ CAT 928Hz13.91 $\$35.04$ $\$68.22$ 2 $\$20.52$ $\$136.44$ $\$500.00$ Drill/Broadcast Seeder with Tractor25.00 $\$6.25$ $\$68.22$ 1 $\$74.47$ $\$68.22$ $\$250.00$ Power Mulcher (Bowie LD-90) 6.00 $\$14.79$ $\$68.22$ 1 $\$83.01$ $\$68.22$ $\$250.00$ | Operator | r Cost/Hour: | \$27.71 | \$27.71 | \$2 | 7.71 | | |
| Total Unit Cost/Hour: \$68.22 \$101.82 \$136.92 NON ROADABLE EQUIPMENT: Machine Weight/ Owner ship Haul Rig Fleet Haul Trip Return Trip DOT Permit Description Unit Cost/hr/ unit Cost/hr/ unit Cost/hr/ nuit DOT Permit Cost/hr/ Soto Soto Soto Soto Soto Soto Soto | Helper | r Cost/Hour: | \$0.00 | \$20.22 | \$2 | 0.22 | | |
| NON ROADABLE EQUIPMENT:Machine DescriptionWeight/ UnitOwner ship Cost/hr/ unitHaul Rig Cost/hr/unitFleet SizeHaul Trip Cost/hr/ fleetReturn Trip Cost/hr/ fleetDOT Permit Cost/fleetCat D6T LGP26.87\$75.83\$101.821\$177.65\$101.82\$250.00CAT 928Hz13.91\$35.04\$68.222\$206.52\$136.44\$500.00Drill/Broadcast25.00\$6.25\$68.221\$74.47\$68.22\$250.00Seeder with Tractor6.00\$14.79\$68.221\$83.01\$68.22\$250.00Ower Mulcher (Bowie LD-90)6.00\$14.79\$68.221\$83.01\$68.22\$250.00 | Total Uni | t Cost/Hour: | \$68.22 | \$101.82 | \$13 | 36.92 | | |
| Machine Weight/ Owner ship Haul Rig Fleet Haul Trip Return Trip DOT Permit Description Unit Cost/hr/ unit Cost/hr/unit Size Cost/hr/ Station Station Station Station Station | NON ROADAB | LE EQUIP | MENT: | | | | | |
| Description Unit (TONS) Cost/hr/ unit t Cost/hr/unit t Size fleet Cost/hr/ fleet Cost/hr/ fleet Cost/hr/ fleet Cat D6T LGP 26.87 \$75.83 \$101.82 1 \$177.65 \$101.82 \$250.00 CAT 928Hz 13.91 \$35.04 \$68.22 2 \$206.52 \$136.44 \$500.00 Drill/Broadcast 25.00 \$62.5 \$68.22 1 \$74.47 \$68.22 \$250.00 Seeder with Tractor 6.00 \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 Bowie LD-90) \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 | Machine | Weight/ | Owner ship | Haul Rig | Fleet | Haul Trip | Return Trip | DOT Permit |
| (TONS) t fleet Cat D6T LGP 26.87 \$75.83 \$101.82 1 \$177.65 \$101.82 \$250.00 CAT 928Hz 13.91 \$35.04 \$68.22 2 \$206.52 \$136.44 \$500.00 Drill/Broadcast 25.00 \$62.5 \$68.22 1 \$74.47 \$68.22 \$250.00 Seeder with 500 \$68.25 \$68.22 1 \$74.47 \$68.22 \$250.00 Power Mulcher 6.00 \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 (Bowie LD-90) Subtotals: \$541.65 \$374.70 \$1.250.00 | Description | Unit | Cost/hr/ unit | Cost/hr/uni | Size | Cost/hr/ | Cost/hr/ fleet | Cost/ fleet |
| Cat D6T LGP 26.87 \$75.83 \$101.82 1 \$177.65 \$101.82 \$250.00 CAT 928Hz 13.91 \$35.04 \$68.22 2 \$206.52 \$136.44 \$500.00 Drill/Broadcast 25.00 \$6.25 \$68.22 1 \$74.47 \$68.22 \$250.00 Seeder with Tractor 6.00 \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 Wer Mulcher 6.00 \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 Bowie LD-90) Subtotals: \$541.65 \$374.70 \$1.250.00 | | (TONS) | | t | | fleet | | |
| CAT 928Hz 13.91 \$35.04 \$68.22 2 \$206.52 \$136.44 \$500.00 Drill/Broadcast 25.00 \$6.25 \$68.22 1 \$74.47 \$68.22 \$250.00 Seeder with Tractor 6.00 \$14.79 \$68.22 1 \$74.47 \$68.22 \$250.00 Power Mulcher 6.00 \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 (Bowie LD-90) Subtotals: \$541.65 \$374.70 \$1.250.00 | Cat D6T LGP | 26.87 | \$75.83 | \$101.82 | 1 | \$177.65 | \$101.82 | \$250.00 |
| Drill/Broadcast 25.00 \$6.25 \$68.22 1 \$74.47 \$68.22 \$250.00 Seeder with Tractor 1 \$74.47 \$68.22 \$250.00 Power Mulcher 6.00 \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 (Bowie LD-90) \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 | CAT 928Hz | 13.91 | \$35.04 | \$68.22 | 2 | \$206.52 | \$136.44 | \$500.00 |
| Tractor 6.00 \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 Bowie LD-90) Subtotals: \$541.65 \$374.70 \$1.250.00 | Drill/Broadcast Seeder with | 25.00 | \$6.25 | \$68.22 | 1 | \$74.47 | \$68.22 | \$250.00 |
| Power Mulcher 6.00 \$14.79 \$68.22 1 \$83.01 \$68.22 \$250.00 (Bowie LD-90) Subtotals: \$541.65 \$374.70 \$1.250.00 | I ractor | 6.00 | ¢14.70 | ¢(0.22 | 1 | ¢02.01 | ¢(0.22 | \$ 250.00 |
| Subtotals: \$541.65 \$374.70 \$1.250.00 | Power Mulcher (Bowie LD-90) | 6.00 | \$14.79 | \$68.22 | 1 | \$83.01 | \$68.22 | \$250.00 |
| | | | | | Subtotale | \$541.65 | \$374 70 | \$1 250 00 |

ROADABLE EQUIPMENT:

| Machine Description | Total Cost/hr/ unit | Fleet Size | Haul Trip Cost/hr/ fleet | Return Trip Cost/hr/ fleet |
|----------------------|------------------------|------------|-----------------------------|-------------------------------|
| Generic 8-10 cy, 6x4 | \$91.11 | 2 | \$182.22 | \$182.22 |
| | | Subtotals: | \$182.22 | \$182.22 |

EQUIPMENT HAUL DISTANCE and Time

| | CAÑON CITY | Nearest Major City or Town within project area region: |
|-------|------------|--|
| miles | 15.00 | Total one-way travel distance: |
| mph | 35.00 | Average Travel Speed: |
| | \$3,827.09 | Total Non-Roadable Mob/Demob Cost * |
| | \$156.19 | Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig: |

Transportation Cycle Time:

| | Non- | |
|-------------------------|-----------|-----------|
| | Roadable | Roadable |
| | Equipment | Equipment |
| Haul Time (Hours): | 0.43 | 0.43 |
| Return Time (Hours): | 0.43 | 0.43 |
| Loading Time (Hours): | 0.25 | NA |
| Unloading Time (Hours): | 0.25 | NA |
| Subtotals: | 1.36 | 0.86 |

JOB TIME AND COST

Total job time: 2.71 Hours

Total job cost: \$3,983