January 26, 2024

Jim Helmericks Glacier Gravel Products 995 Hwy 3 Durango, CO 81301



1313 Sherman Street, Room 215 Denver, CO 80203

RE: J & J Pit, Permit # M-1985-001, Reclamation Costs Update

Dear Operator:

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) for this site. Division calculations estimate the cost to reclaim the site to be \$54,493.00. This is an increase of \$7,103.00 over the \$47,390.00 currently held by the Division.

Within 15 days, please review the attached estimate and notify me if any calculation errors are noted.

If you require additional information, or have questions or concerns, please contact me.

Sincerely,

Dustin Czapla

Environmental Protection Specialist

Division of Reclamation, Mining and Safety

Phone: (303) 866-3567, ext. 8188



COST SUMMARY WORK

| Task description: | | 2024-01-17 Update | | | | | | | |
|-------------------|---------------------------------------------|----------------------------------|---------------|---------------|--------------------------------|----------------------|--|--|--|
| Site: | : J & J Pit Permit Action | | 2024-01-17 Up | date | Permit/Joba | #: _M1985001 | | | |
| PI | ROJECT IDENTIFICA | TION | | | | | | | |
| | Task #: 000 Date: 1/17/2024 User: DMC | State: Colorado County: La Plata | | | Abbreviation: _ Filename: _ | None M1985001-000 | | | |
| | Agency or organiza | tion name: <u>DRMS</u> | | | | | | | |
| <u>T</u> A | ASK LIST (DIRECT C | OSTS) | | | | | | | |
| ask | Description | | Form Used | Fleet Size | Task Hours | Cost | | | |
| a | Move stockpile to high | wall for backfill | LOADER | 1 | 61.00 | \$9,842 | | | |
| la l | Backfill north highwall | | DOZER | 2 | 13.23 | \$11,290 | | | |
| a | Cut and fill remaining h | ighwalls to 2H:1V | DOZER | 2 | 6.90 | \$5,887 | | | |
| a | Remove scrap steel and | | DEMOLISH | 1 | 0.00 | \$1,550 | | | |
| a | | weed control and mulch | REVEGE | 1 | 16.00 | \$7,844 | | | |
| a | Mob/Demob | | MOBILIZE | 1 | 4.26 | \$5,458 | | | |
| | DIRECT COSTS | | | | | | | | |
| O. | VERHEAD AND PROFIT: | | | | | | | | |
| | Liability insurance | | | | Total = \$84 | | | | |
| | Performance bond | | | | Total = \$4 | | | | |
| | Job superintendent | | | | | 079 | | | |
| | Profit | t: 10.00 | | тоты | | 187 | | | |
| | | CONT | RACT AMOUNT | | | 551 1,422 | | | |
| | | CONT | idici miloomi | (direct) | <u> </u> | 1,122 | | | |
| LE | EGAL - ENGINEERING - 1 | PROJECT MANAGEMENT | : | | | | | | |
| | • I | essing (legal/related costs): | \$500 | _ | $Total = _{\$50}$ | 00 | | | |
| | | or contract/bid preparation: | 0.00 | _ | $Total = \underline{\$0}$ | | | | |
| | Reclamation manager | ment and/or administration: | 5.00 | _ | \$2, | 571 | | | |
| | | CONTINGENCY: | 0.00 | | Total =\$0 | | | | |
| | | | TOTAL II | NDIRECT | $\Gamma COST = _$12$ | 2,622 | | | |
| | | TOTAL BO | ND AMOUNT (d | lirect + iı | ndirect) = \$54 | 4,493 | | | |

WHEEL LOADER – LOAD AND CARRY WORK

| Task description: | Move sto | ockpile to highv | vall for backfill | | | |
|------------------------------------|-------------------------------|------------------------|----------------------|-----------------|----------------------------|--------------------|
| : J&JPit | | Permit Act | ion: <u>2024-01-</u> | 17 Update | Permit/Job#: | M1985001 |
| PROJECT IDEN | TIFICATION | | | | | |
| Task #: 01A Date: 1/17/2 User: DMC | 2024 | State: Color La Pl | | | Abbreviation: Filename: | None M001-01a |
| Agency or | organization nan | ne: DRMS | | | | |
| HOURLY EQUI | PMENT COST | Γ | | | | |
| Basic Machi | | _ | | Horsepo | wer: | 315 |
| Attachmen | | | _ | Shift B | asis: 1 p | er day |
| | | | | Data So | urce: (C | CRG) |
| Cost Breakdown: | | | 1 | | | |
| Ownership | Cost/Hours | \$61.69 | Utilizatio NA | on % | | |
| Operating | | \$58.92 | 100 | | | |
| | Cost/Hour: | \$40.71 | NA | | | |
| Total Unit | | \$161.32 | <u> </u> | | | |
| Total Fleet | Cost/Hour: | \$161.32 | | | | |
| | | | | | | |
| MATERIAL QU | <u>ANTITIES</u> | | | | | |
| Initial volume Loose volume | | 0 LC. | | ell factor: 1.0 | 000 | |
| | urce of estimated | | ision of Reclama | ation, Mining & | Safety | |
| Source | of estimated swe | all factor: <u>Cat</u> | Handbook | | | |
| HOURLY PROI | <u>OUCTION</u> | | | | | |
| Loader Cycle Time | <u>Unadjust</u> | ed Basic Cycle | Γime (load, dum | p, maneuver): | 0.550 | minutes |
| Cycle Time | Factors | | | | Factor (min.) | Source |
| N | faterial: Mixed | l material 0.02 | | | 0.020 | (Cat HB) |
| | | yor or dozer pile | | | 0.000 | (Cat HB) |
| Truck Own | | non ownership o | | lers -0.04 | -0.040 | (Cat HB) |
| | | ant operation -0. | 04 | | -0.040 | (Cat HB) |
| Dump | Target: Nomin | nal target 0.00 | et Cycle Time A | divatorant | 0.000 | (Cat HB) |
| | | | djusted Basic C | | -0.060 0.490 | minutes minutes |
| D = 111: = D = 11:4 = 0 | D 1 C 1'4' | | ajabica Dabie C | , 0.0 1 11110. | 0.150 | iiiiiucs |
| Rolling Resistance | | _ | | | | |
| | Haul: Packed seturn: Packed s | | | | | |
| Haul and Return Ti | me_ | | | | | |
| | Length | Grade Res. | Rolling | Total Res. | Travel Time | |
| | (feet) | (%) | Res. (%) | (%) | (minutes) | Source |
| Haul Route | | 0.00 | 2.50 | 2.50 | 0.2190 | (Cat HB) |
| Return Route | | 0.00 | 2.50 | 2.50 | 0.2112 | (Cat HB) |

Total Travel Time: 0.4302 minutes Total Cycle Time: 0.9202 minutes **Load Bucket Capacity** Rated Capacity: LCY (heaped) 7.50 Other - moist loam Bucket Fill Factor: 1.050 (100-110%) 1.050 Adjusted Capacity: 7.88 LCY Job Condition Correction Factors Site Altitude: 6760 feet Source Altitude Adj: 1.00 (CAT HB) Job Efficiency: 0.83 (1 shift/day) Net Correction: 0.83 multiplier Unadjusted Hourly Unit Production: 513.47 LCY/Hour Adjusted Hourly Unit Production: 426.18 LCY/Hour Adjusted Hourly Fleet Production: 426.18 LCY/Hour JOB TIME AND COST Fleet size: 1 Total job time: 61.01 Hours Loader(s)

Total job cost:

\$9,842

Unit cost: \$0.379

/LCY

BULLDOZER WORK

| Task description: | Back | fill north hi | Siiwaii | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------|----------------------|---------------|-----------|
| : J&JPit | | Perr | mit Action: | 2024-01-17 Update | Permit/Job#: | M1985001 |
| PROJECT IDEN | NTIFICATION | <u>ON</u> | | | | |
| Task #: 02A | | State: | Colorado | | Abbreviation: | None |
| Date: $\frac{0271}{1/17/2}$ | 2024 | County: | La Plata | | Filename: | M001-02a |
| User: DMC | | county. | <u> </u> | | i iielialiie. | 10001 024 |
| | r organization | name: DR | ams | | | |
| | | | LIVIS | | | |
| HOURLY EQUI | <u>IPMENT CC</u> | <u>DST</u> | | | | |
| Basic Machine: | Cat D8T - 8 | SSU | | | | |
| Horsepower: | 310 Semi-Unive | 1 | | <u>—</u> | | |
| Blade Type: Attachment: | NA | ersai | | | | |
| Shift Basis: | 1 per day | | | <u></u> | | |
| Data Source: | (CRG) | | | | | |
| | (CRO) | | | | | |
| Cost Breakdown: | | | | T T4:11:4: 0/ | | |
| O | T | | ¢241.20 | <u>Utilization %</u> | | |
| Ownership Cost/F Operating Cost/F | | | \$241.38 \$143.92 | NA 100 | | |
| Ripper own. Cost/H | | | \$143.92 | NA | | |
| Ripper op. Cost/F | | | \$0.00 | 0 | | |
| Kippei op. Cosu i | 10u1. | | | | <u> </u> | |
| | Lour | | | | | |
| Operator Cost/Hot Total unit Cost/Hot Total Fleet Cost/Hot | ır: \$426.0 | | \$41.30 | NA | | |
| Operator Cost/Hot Total unit Cost/Hot | \$426.0 \$853.2 | | \$41.30 | INA | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: | \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$4 | | \$41.30 | INA | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: | \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$426.0 \$4 | 20 | | INA | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: | \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$853.2 \$426.0 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$13,333 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.000 \$1.00 | 20 | | INA | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated | \$426.6 \$853.2 \$426.6 \$853.2 \$13,333 \$1.000 \$13,333 LCY \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 \$1 \$2 | Existing (| | | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista | \$426.6 \$853.2 SANTITIES 13,333 1.000 13,333 LCY I volume: I swell factor: DUCTION nce: | Existing C Cat Hand | Conditions | | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista Unadjusted hourly | \$426.0 \$853.2 Sur: \$426.0 \$853.2 \$13,333 1.000 13,333 LCY 1 volume: 1 swell factor: DUCTION nce: production: | Existing (Cat Hand) 100 feet 852.6 LCY/ | Conditions book | | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista Unadjusted hourly Materials consisten | S426.0 Sur: \$426.0 \$853.2 SANTITIES 13,333 1.000 13,333 LCY I volume: I swell factor: DUCTION nce: production: cy description | Existing (Cat Hand) 100 feet 852.6 LCY/ | Conditions | | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista Unadjusted hourly | ### \$426.0 ### \$426.0 ### \$426.0 ### \$426.0 ### \$13,333 1.000 ### \$13,333 LCY ### Volume: ### diswell factor: ### DUCTION ### nce: ### production: ### cy description ### cy description ### ### ### ### ### ### ### ### ### # | Existing C Cat Hand 100 feet 852.6 LCY/ : Loose s | Conditions book | | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push distat Unadjusted hourly Materials consisten Average push gradi | \$426.6 \$853.2 \$853.2 \$853.2 | Existing C Cat Hand 100 feet 852.6 LCY/ : Loose s | Conditions book | | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista Unadjusted hourly; Materials consisten Average push gradi Average site altitud | \$426.6 \$853.2 SANTITIES 13,333 1.000 13,333 LCY I volume: I swell factor: DUCTION nce: production: cy description tent: e: 5 % 6,760 2,100 | Existing C Cat Hand 100 feet 852.6 LCY/ : Loose s | Conditions book | | | |
| Operator Cost/Ho Total unit Cost/Ho Total Fleet Cost/Ho MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista Unadjusted hourly Materials consisten Average push gradi Average site altitud Material weight: Weight description Job Condition Corr | \$426.6 \$853.2 \$853.2 \$853.2 \$13,333 1.000 13,333 LCY | Existing C Cat Hand 100 feet 852.6 LCY/ Loose s feet lbs/LCY - Loam | Conditions book hr stockpile 1.2 | Source | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista Unadjusted hourly j Materials consisten Average push gradi Average site altitud Material weight: Weight description Job Condition Corr | \$426.6 \$853.2 \$853.2 \$853.2 \$853.2 \$1,000 \$1,333 \$LCY \$1 \$1 \$1 \$1 \$1 \$1 \$1 | Existing Control Cat Hand 100 feet 852.6 LCY/ Loose s feet lbs/LCY Loam 0. | Conditions book Thr stockpile 1.2 | Source (AVG.) | | |
| Operator Cost/F Total unit Cost/Hot Total Fleet Cost/Hot MATERIAL QU Initial Volume: Swell factor: Loose volume: Source of estimated Source of estimated HOURLY PROI Average push dista Unadjusted hourly Materials consisten Average site altitud Material weight: Weight description Job Condition Corr Operator Operator Total unit Cost/Hot Total Proi Total Unit Cost/Hot Total Volume: Average push dista Unadjusted hourly Materials consisten Average push gradi Average site altitud Material weight: | \$426.6 \$853.2 \$853.2 \$853.2 \$13,333 1.000 13,333 LCY | Existing Control Cat Hand 100 feet 852.6 LCY/ Loose s feet lbs/LCY Loam 0. | Conditions book hr stockpile 1.2 | Source | | |

| 0.830 | (1 SHIFT/DAY) |
|-------|----------------------------------|
| 0.800 | (FND-RF) |
| 0.903 | (CAT HB) |
| 1.000 | (CAT HB) |
| 1.095 | (CAT HB) |
| 1.000 | (PAT) |
| | 0.800 0.903 1.000 1.095 |

Net correction: 0.5909

Adjusted unit production: 503.80 LCY/hr
Adjusted fleet production: 1007.6 LCY/hr

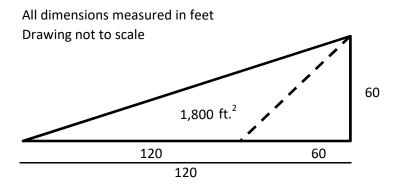
JOB TIME AND COST

Fleet size: 2 Dozer(s)
Unit cost: \$0.847/LCY

Total job time: 13.23 Hours
Total job cost: \$11,290

Highwall reduction - backfill

| Highwall Height (ft.) | 60.00 | |
|----------------------------------------------------|---------|------|
| Length of Highwall (lft.) | 200.00 | |
| - — — Initial Slope | 1.00 | H:1V |
| ——— Desired Slope | 2.00 | H:1V |
| Volume of material to be moved $(ft.^3)$ | 360,000 | • |
| /olume of material to be moved (yd. ³) | 13,333 | |



BULLDOZER WORK

| Task description: | Cut and fill rema | aining highv | valls to 2H:1V | | |
|--------------------------------------------------|-----------------------|--------------|----------------------|---------------|-----------|
| : J & J Pit | Per | mit Action: | 2024-01-17 Update | Permit/Job#: | M1985001 |
| PROJECT IDENTII | FICATION | | | | |
| Task #: 03A | State: | Colorado | | Abbreviation: | None |
| Date: 1/17/2024 | | La Plata | | Filename: | M001-03a |
| User: DMC | County. | La I Iaia | | r ilchame. | W1001-03a |
| | anization name: DF | RMS | | | |
| HOURLY EQUIPM | | | | | |
| | | | | | |
| | at D8T - 8SU | | | | |
| Horsepower: 31 | | | _ | | |
| | emi-Universal | | <u> </u> | | |
| Attachment: N Shift Basis: 1 | per day | | <u> </u> | | |
| | CRG) | | | | |
| Data Source: (C | ,KG) | | _ | | |
| Cost Breakdown: | | | ı | | |
| | | | <u>Utilization %</u> | | |
| Ownership Cost/Hour: | | \$241.38 | NA | | |
| Operating Cost/Hour: | | \$143.92 | 100 | | |
| Ripper own. Cost/Hour: | | \$0.00 | NA | | |
| Ripper op. Cost/Hour: | | \$0.00 | 0 | | |
| Operator Cost/Hour: | | \$41.30 | NA | | |
| Total unit Cost/Hour: | \$426.60 | | | | |
| Total Fleet Cost/Hour: | \$853.20 | | | | |
| Total Freet Cost Hour. | ψ033.20 | | | | |
| MATERIAL QUAN | TITIES | | | | |
| Initial Volume: 10, | ,000 | | | | |
| Swell factor: 1.1 | | | | | |
| | ,150 LCY | _ | | | |
| Loose volume. 11, | 130 LC 1 | <u></u> | | | |
| Source of estimated vol | | Conditions | | | |
| Source of estimated swe | ell factor: Cat Hand | book | | | |
| HOURLY PRODUC | <u>CTION</u> | | | | |
| Average push distance: Unadjusted hourly prod | 70 feet 1,093.7 LC | V/hr | | | |
| Materials consistency de | | | mbankment 0.9 | | |
| · | -5 % | | mountainent 0.7 | | |
| Average push gradient: Average site altitude: | 6,760 feet | | | | |
| Material weight: | 2,100 lbs/LCY | | | _ | |
| Weight description: | Earth - Loam | | | | |
| Job Condition Correction | n Factor | | Source | | |
| Operator | | 750 | (AVG.) | | |
| Material consis | | 900 | (CAT HB)) | | |
| Dozing m | | 200 | (SLOT) | | |
| | - | 000 | (AVG.) | | |

| Job efficiency: | 0.830 | (1 SHIFT/DAY) |
|------------------|-------|---------------|
| Spoil pile: | 0.900 | (SSD-FC) |
| Push gradient: | 1.115 | (CAT HB) |
| Altitude: | 1.000 | (CAT HB) |
| Material Weight: | 1.095 | (CAT HB) |
| Blade type: | 1.000 | (PAT) |

Net correction: 0.7387

Adjusted unit production: 807.92 LCY/hr
Adjusted fleet production: 1615.84 LCY/hr

JOB TIME AND COST

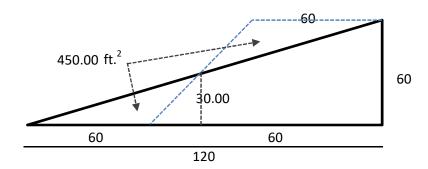
Fleet size: 2 Dozer(s)
Unit cost: \$0.528/LCY

Total job time: 6.90 Hours
Total job cost: \$5,887

Highwall reduction - cut and fill

| Highwall Height (ft.) | 60.0 | |
|---------------------------------------|---------|------|
| Length of Highwall (lft.) | 600 | |
| Initial Slope | 1.0 | H:1V |
| Desired Slope | 2 | H:1V |
| Volume of material to be moved (ft.3) | 270,000 | |
| Volume of material to be moved (yd.3) | 10,000 | |

All dimensions measured in feet Drawing not to scale



DEMOLITION WORK

| | Task descripti | on: Re | move scrap steel and tires | | | | |
|---------------------------------------|-----------------|---------------------|-----------------------------------------------------------------------------------|------------------------------|----------|-----------------------------------------|------------------|
| Site: J & J Pit | | Permit Action: 2024 | 1-01-17 Update | Permit/Job#: <u>M1985001</u> | | | |
| <u>PROJE</u> | CT IDENTI | FICATION | | | | | |
| Date | Task #: 04A | | State: Colorado County: La Plata | | | Abbreviation: None Filename: M001-04a | |
| UNIT C | | or organization | name: DRMS | | Location | on adjustment: | : 93.10 <u>%</u> |
| Structure or Item Description Dimensi | | Dimensions | Demolition Menu Selection | Quantity | Unit | Unit Cost | Total Cost |
| Various s and meta | scrap Iron l | 100 | Loading and 5 mile haul, salvage allowed - Steel frame structures | 75.00 | CY | \$12.50 | \$937.50 |
| Disposal | of Tires | 25 | Hazardous waste removal - Bulk solids, small quantities (up to 1.5 tons) | 0.50 | TON | \$1,455.71 | \$727.86 |
| Job H | Iours: | 0.00 | Subtotal (unadjusted):\$ | 1,665.36 | | Total Cost djusted for location): | \$1,550.45 |

REVEGETATION WORK

| J & J Pit | | Pei | rmit Action | n: <u>2024</u> | -01-17 Upd | ate | Permit/Job# | #: <u>M1985001</u> |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------|-------------|-----------------|--------------|-----------------------------------------------------|----------------------------------|---------------------------------------------------------------------------|
| ROJECT IDENT | TIFICATION | | | | | | | |
| Task #: 05A | | State: | Colorado |) | | A1 | bbreviation: | None |
| Date: $\frac{-0.011}{1/17/2}$ | 2024 | County: | La Plata | | | | Filename: | M001-05a |
| User: DMC | | o o onicy . | | | | _ | _ | 1,1001 000 |
| Agency or o | organization nan | ne: DF | RMS | | | | | |
| ERTILIZING | | | | | | | | |
| aterials | | | | | | | | |
| | | | 1 | U nits / | | | | |
| Description | | | 1 | Acre | Unit | Co | st / Unit | Cost /Acre |
| | | | | | | \$ | | \$ |
| | | | | | | 700 | . 15 .00 | |
| | | | | | | 10 | otal Fertilizer | |
| | | | | | | | Materials | 60.00 |
| | | | | | | | Cost/Acre | \$0.00 |
| plication Description | | | | | | | | Cost /Acre |
| pplication Description | | | | Total | l Fertilizer | Applicati | on Cost/Acre | \$ |
| | | | | Total | l Fertilizer | Applicati | on Cost/Acre | |
| Description LLING | | | | Total | l Fertilizer | Applicati | on Cost/Acre | \$ \$0.00 |
| Description LLING Description | " deen (MEANS | 5 32 91 1 | 3.23 6100) | | l Fertilizer | Applicati | on Cost/Acre | \$ \$0.00 Cost /Acre |
| Description LLING | " deep (MEANS | 5 32 91 13 | 3.23 6100) | | l Fertilizer | Applicati | on Cost/Acre | \$ \$0.00 |
| Description LLING Description | " deep (MEANS | S 32 91 13 | 3.23 6100) | | | | on Cost/Acre | \$ \$0.00 Cost /Acre |
| Description LLING Description Disc harrowing, 6 | " deep (MEANS | 3 32 91 1: | 3.23 6100) | | | | | \$ \$0.00 Cost /Acre \$112.82 |
| Description LLING Description Disc harrowing, 6 | " deep (MEANS | 5 32 91 13 | 3.23 6100) | | | otal Tilli | | \$ \$0.00 Cost /Acre \$112.82 |
| Description LLING Description Disc harrowing, 6 | " deep (MEANS | 5 32 91 1: | 3.23 6100) | | | otal Tilli | | \$ \$0.00 Cost /Acre \$112.82 |
| Description LLING Description Disc harrowing, 6 | " deep (MEANS | 5 32 91 13 | 3.23 6100) | | | Total Tilli Rate – PLS | ng Cost/Acre | \$0.00 Cost /Acre \$112.82 \$112.82 |
| Description LLING Description Disc harrowing, 6 | i" deep (MEANS | 5 32 91 13 | 3.23 6100) | | | Rate – PLS LBS / | ng Cost/Acre | \$0.00 Cost /Acre \$112.82 \$112.82 |
| Description LLING Description Disc harrowing, 6 | | 5 32 91 1: | 3.23 6100) | | | Rate – PLS LBS / Acre | ng Cost/Acre Seeds per SQ. FT | \$0.00 Cost /Acre \$112.82 \$112.82 |
| Description LLING Description Disc harrowing, 6 EDING Seed Mix Indian Ricegrass | - Native | 5 32 91 1: | 3.23 6100) | | | Rate – PLS LBS / Acre 1.80 | Seeds per SQ. FT | \$0.00 Cost /Acre \$112.82 \$112.82 Cost /Acre |
| Description LLING Description Disc harrowing, 6 EDING Seed Mix Indian Ricegrass - Intermediate Whe | - Native eatgrass - Oahe | 5 32 91 13 | 3.23 6100) | | | Rate – PLS LBS / Acre 1.80 2.00 | Seeds per SQ. FT 5.83 4.27 | \$0.00 Cost /Acre \$112.82 \$112.82 Cost /Acre \$11.70 \$5.60 |
| Description LLING Description Disc harrowing, 6 EDING Seed Mix Indian Ricegrass - Intermediate Whe Mahogany, Moun | - Native eatgrass - Oahe tain | 5 32 91 13 | 3.23 6100) | | | Rate – PLS LBS / Acre 1.80 2.00 0.50 | Seeds per SQ. FT 5.83 4.27 0.68 | \$0.00 Cost /Acre \$112.82 \$112.82 Cost /Acre \$11.70 \$5.60 \$18.40 |
| Description LLING Description Disc harrowing, 6 EDING Seed Mix Indian Ricegrass - Intermediate Whe | - Native eatgrass - Oahe itain ass - Barton | S 32 91 13 | 3.23 6100) | | | Rate – PLS LBS / Acre 1.80 2.00 | Seeds per SQ. FT 5.83 4.27 | \$0.00 Cost /Acre \$112.82 \$112.82 Cost /Acre \$11.70 \$5.60 |

Application

| Description | Cost /Acre |
|----------------------------------------|------------------------------------|
| Drill seeding (MEANS 32 92 19.13 0020) | \$468.00 |
| | |
| Total S | eed Application Cost/Acre \$468.00 |

MULCHING and MISCELLANEOUS

Materials

| Description | Units / Acre | Unit | Cost / Unit | Cost /Acre |
|-----------------------------------------|-----------------|------|-------------|------------|
| Hay, delivered {MEANS 31 25 14.16 1200} | 2.00 | TON | \$429.79 | \$859.57 |
| | | | | |
| Total Mulch Materials Cost/Acre | | | | \$859.57 |

Application

| Description | | Cost /Acre |
|--------------------------------------------|------------------------------------------|------------|
| Power mulcher (MEANS 32 91 13.16 0350) | | \$147.67 |
| Weed spray, hand, aquatic area, nox. [DMG] | | \$183.16 |
| | | |
| | Total Mulch Application Cost/Acre | \$330.83 |

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: 3.5 Cost /Acre: \$1,886.50

Estimated Failure Rate: 20% Cost /Acre*: \$1,773.68

*Selected Replanting Work Items: SEEDING, MULCHING

Initial Job Cost: \$6,602.75

Reseeding Job Cost: \$1,241.58

Total Job Cost: \$7,844

16.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

| Task description: Mo | ob/Demob | | | | |
|---------------------------------------------------------------------------|----------------|------------------|---------------------------------|--------------|---------------------|
| Site: J&JPit | Permit | t Action:2024-01 | -17 Update | Permit/Jol | o#: <u>M1985001</u> |
| PROJECT IDENTIFICATI | ION | | | | |
| Task #: 06A | State: C | Colorado | A | bbreviation: | None |
| Date: 1/17/2024 User: DMC | County: L | a Plata | | Filename: | M001-06a |
| Agency or organizatio | n name: DRMS | S | | | |
| EQUIPMENT TRANSPOR | T RIG COST | | | | |
| | | | Shif | t basis: | l per day |
| | | | Cost Data S | | CRG Data |
| Truck Tractor Desc | cription: GENI | | AY TRUCK TRAO 400 HP (2ND HA | | DIESEL POWERED, |
| 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: | \$20.26 | \$36.04 | \$47.05 | _ | |
| Operating Cost/Hour: | \$39.51 | \$76.08 | \$82.85 | = | |
| Operator Cost/Hour: | \$22.52 | \$22.52 | \$22.52 | = | |
| Helper Cost/Hour: | \$0.00 | \$23.53 | \$23.53 | _ | |

NON ROADABLE EQUIPMENT:

Total Unit Cost/Hour:

\$82.29

| Machine | Weight/ | Owner ship | Haul Rig | Fleet | Haul Trip | Return Trip | DOT Permit |
|-----------------|---------|---------------|-------------|-------|-----------|----------------|-------------|
| Description | Unit | Cost/hr/ unit | Cost/hr/uni | Size | Cost/hr/ | Cost/hr/ fleet | Cost/ fleet |
| | (TONS) | | t | | fleet | | |
| CAT 980H | 33.12 | \$61.69 | \$158.17 | 1 | \$219.86 | \$158.17 | \$250.00 |
| Cat D8T - 8SU | 47.71 | \$241.38 | \$158.17 | 1 | \$399.55 | \$158.17 | \$250.00 |
| Drill/Broadcast | 25.00 | \$6.73 | \$82.29 | 1 | \$89.02 | \$82.29 | \$250.00 |
| Seeder with | | | | | | | |
| Tractor | | | | | | | |
| Power Mulcher | 6.00 | \$25.94 | \$82.29 | 1 | \$108.23 | \$82.29 | \$250.00 |
| (Bowie LD-90) | | | | | | | |

\$158.17

\$175.95

Subtotals: \$816.66 \$480.92 \$1,000.00

ROADABLE EQUIPMENT:

| Machine Description | Total Cost/hr/ unit | Fleet Size | Haul Trip Cost/hr/ fleet | Return Trip Cost/hr/ fleet |
|-----------------------|------------------------|------------|-----------------------------|-------------------------------|
| Generic 15-18 cy, 6x4 | \$137.31 | 1 | \$137.31 | \$137.31 |

| Subtotals: | \$137.31 | \$137.31 |
|------------|----------|-----------------|
| | | |

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:
Total one-way travel distance:
Average Travel Speed:

DURANGO
miles
30.00
mph

Total Non-Roadable Mob/Demob Cost *
 '* two round trips with haul rig:
Total Roadable Mob/Demob Cost **
 ** one round trip, no haul rig:

\$5,439.65

<u>Transportation Cycle Time:</u>

| | Non- | |
|-------------------------|-----------|-----------|
| | Roadable | Roadable |
| | Equipment | Equipment |
| Haul Time (Hours): | 0.07 | 0.07 |
| Return Time (Hours): | 0.07 | 0.07 |
| Loading Time (Hours): | 1.00 | NA |
| Unloading Time (Hours): | 1.00 | NA |
| Subtotals: | 2.13 | 0.13 |
| | | |

JOB TIME AND COST

Total job cost: 4.27 Hours

Total job cost: \$5,458