



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

December 27, 2023

Russell A. Larsen
Kilgore Companies LLC dba Elam Construction
556 Struthers Ave
Grand Junction, CO 81501

**Re: Woodring Pit - File No. M-1978-323
Kilgore Companies LLC dba Elam Construction
Surety Increase (SI-5)
Post Inspection bond Increase**

Dear Russell A. Larsen:

On December 27, 2023 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$707,024.00, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$422,257.58.

Please see the October 25, 2023 inspection report for details regarding why this surety increase is required.

The Division ordered amendment of the current Financial Warranty, or submittal of a new Financial Warranty reflecting the increase, within 60 days from the date of this letter (December 27, 2023).

Please make arrangements with Sara M. Stevenson-Benn at the Division's Denver office for submittal of the financial warranty. Any other questions regarding completion, execution and/or submittal of financial warranty forms should also be directed to Sara M. Stevenson-Benn by telephone at (303) 866-3567 (8148), or by email at Sara.stevenson-benn@state.co.us.

The Permittee for this site may be scheduled for a Formal Board Hearing for possible revocation of the permit after February 25, 2024, if the amount of any increased Financial Warranty has not been provided.

Bond Held:	\$284,766.42
Prior Liability:	\$284,766.42
Change in Liability:	\$422,257.58
Revised Liability:	\$707,024.00
Prior Permit Acreage:	27.20



Change in Permit Acreage:	0.00
Revised Permit Acreage:	27.20
Prior Affected Acreage:	27.20
Change in Affected Acreage:	0.00
Revised Affected Acreage:	27.20

If you have any questions, please contact me by telephone at (303) 866-3567 x 8183, or by email at Amy.yeldell@state.co.us.

Sincerely,



Amy C. Yeldell
Environmental Protection Specialist

cc: Jon Mueller

M-GR-04

COST SUMMARY WORK

Task description: 2023 update

Site: Woodring Pit

Permit Action: SI-5

Permit/Job#: M1978323

PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 11/20/2023

County: Mesa

Filename: M323-ACY

User: ACY

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Reduce highwalls to 2H:1V	DOZER	4	101.47	\$179,026
01b	Transport half of backfill for slopes	TRUCK1	2	82.83	\$129,370
02a	Push topsoil down highwalls	DOZER	4	1.11	\$1,952
03a	Rough Grade Pit Floor	DOZER	4	5.53	\$9,752
04a	Rip compaction on pit floor	RIPPER	4	6.71	\$12,585
05a	Haul overburden to pit floor	TRUCK1	2	51.64	\$80,650
05b	Spread Overburden on Pit floor	DOZER	4	12.43	\$21,939
06a	Haul topsoil to pit floor	TRUCK1	2	29.86	\$46,640
06b	Spread topsoil on pit floor	DOZER	4	2.70	\$4,768
07a	Revegetate affected lands	REVEGE	1	40.00	\$54,964
10a	Initial Mobilization	MOBILIZE	1	5.50	\$17,930
10B	Secondary Mobilization	MOBILIZE	1	5.50	\$2,437
<u>SUBTOTALS:</u>				345.28	\$562,013

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$11,353

Performance bond: 1.05

Total = \$5,901

Job superintendent: 172.64

Total = \$11,235

Profit: 10.00

Total = \$56,201

TOTAL O & P = \$84,691

CONTRACT AMOUNT (direct + O & P) = \$646,704

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$27,485

Reclamation management and/or administration: 5.00

\$32,335

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$145,011

TOTAL BOND AMOUNT (direct + indirect) = \$707,024

BULLDOZER WORKTask description: **Reduce highwalls to 2H:1V**Site: **Woodring Pit** Permit Action: **SI-5** Permit/Job#: **M1978323****PROJECT IDENTIFICATION**

Task #: 01A State: Colorado Abbreviation: None
 Date: 11/20/2023 County: Mesa Filename: M323-01a
 User: ACY

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

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

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$238.76</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$162.29</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$0.00</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$0.00</u>	<u>0</u>
Operator Cost/Hour:	<u>\$40.04</u>	<u>NA</u>

Total unit Cost/Hour: \$441.09
 Total Fleet Cost/Hour: **\$1,764.34**

MATERIAL QUANTITIES

Initial Volume: 170,486
 Swell factor: 1.125
 Loose volume: **191,797 LCY**

Source of estimated volume: See staff estimates
 Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 120 feet
 Unadjusted hourly production: 1,093.1 LCY/hr

Materials consistency description: Consolidated stockpile 1.0

Average push gradient: 0 %
 Average site altitude: 5,400 feet

Material weight: 2,650 lbs/LCYWeight description: Decomposed rock - 25% Rock, 75% Earth**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	<u>0.750</u>	<u>(AVG.)</u>
Material consistency:	<u>1.000</u>	<u>(CAT HB)</u>
Dozing method:	<u>1.000</u>	<u>(GEN.)</u>
Visibility:	<u>1.000</u>	<u>(AVG.)</u>

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4323

Adjusted unit production: 472.55 LCY/hr

Adjusted fleet production: **1890.2 LCY/hr**

JOB TIME AND COST

Fleet size: 4 Dozer(s)

Unit cost: \$0.933/LCY

Total job time: **101.47 Hours**

Total job cost: **\$179,026**

TRUCK/LOADER TEAM WORKTask description: Transport half of backfill for slopesSite: Woodring PitPermit Action: SI-5Permit/Job#: M1978323**PROJECT IDENTIFICATION**Task #: 01BState: ColoradoAbbreviation: NoneDate: 11/20/2023County: MesaFilename: M323-01bUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Shift basis: 1 per day

	Equipment Description
Truck Loader Team -Truck:	Cat 730
-Loader:	CAT 972H
Support Equipment -Load Area:	Cat D9T - 9SU
-Dump Area:	NA
Road Maintenance -Motor Grader:	NA
-Water Truck:	NA

Cost Breakdown:**Truck/Loader Team****Support Equipment****Maintenance Equipment**

	Truck	Loader	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	100	NA	NA	NA
Ownership cost/hour:	\$108.06	\$57.78	\$238.76	NA	NA	NA
Operating cost/hour:	\$71.88	\$56.23	\$162.29	NA	NA	NA
%Utilization-riper:	NA	0	20	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	\$18.32	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	\$1.80	NA	NA	NA
Operator cost/hour:	\$24.82	\$35.97	\$40.04	NA	NA	NA
Unit Subtotals:	\$204.76	\$149.98	\$442.88	NA	NA	NA
Number of Units:	4	2	1	0	0	0
Group Subtotals:	Work: \$1,119.00		Support: \$442.88		Maint: \$0.00	

Total work team cost/hour: \$1,561.88**MATERIAL QUANTITIES**Initial volume: 80,093

CCY

Swell factor: 1.125Loose volume: 90,105

LCY

Source of estimated volume: Division of Reclamation, Mining & SafetySource of estimated swell factor: Cat HandbookMaterial Purchase Cost: \$0.00Total Cost: \$0.00**HOURLY PRODUCTION****Truck Capacity:**Truck Payload (weight) Basis:Material weight: 2,650 Pounds/LCYDescription: Decomposed rock - 25% Rock, 75% EarthRated Payload: 62,000 PoundsPayload Capacity: 23.40 LCY

Truck Bed (volume) Basis:

Struck Volume:	17.10	LCY
Heaped Volume:	22.10	LCY
Average Volume:	19.60	LCY
Adjusted Volume:	22.10	LCY

Final Truck Volume Based on Number of Loader Passes: 18.48 LCY

Loading Tool Capacity

Bucket Size Class: NA

Rated Capacity:	5.600	LCY (heaped)
Bucket Fill Factor:	1.100	Other - rock/dirt mixtures (100-120%) 1.100
Adjusted Capacity:	6.160	LCY

Job Condition Corrections:

Site Altitude (ft.): 5400 feet

	Truck	Loader	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)

Net Correction: **0.830** **0.830**

Loading Tool Cycle Time: Number of Loading Tool Passes Required to Fill Truck: 3 passes

Excavators and Front Shovels:

Machine Cycle Time vs. Job Condition Rating: NA
 Selected Value within this Basic Rating: NA

Track Loaders – Material Description: _____

Cycle Time Elements (min.):

Load: NA Maneuver: NA Dump: 0.100

Wheel and Track Loaders - Unadjusted Basic Loader Cycle Time (load, dump, maneuver): 0.525 minutes

Cycle Time Factors		Factor (min.)	Source
Material:	Material 3/4" to 6" diameter 0.00	0.000	(Cat HB)
Stockpile:	Conveyor or dozer piled 10 ft. high and up 0.00	0.000	(Cat HB)
Truck Ownership:	No adjustment - factor not applicable 0.00	0.000	(Cat HB)
Operation:	Constant operation -0.04	-0.040	(Cat HB)
Dump Target:	Nominal target 0.00	0.000	(Cat HB)
Net Cycle Time Adjustment:		-0.040	minutes
Adjusted Loader Cycle Time:		0.485	minutes
Net Load Time per Truck:		1.070	minutes

Truck Cycle Time:

Truck Exchange Time:	0.60	Minutes	Adjusted for site altitude:	0.600	Minutes
Truck Load Time:	1.070	Minutes	Adjusted for site altitude:	1.070	Minutes
Truck Maneuver and Dump Time:	1.00	Minutes	Adjusted for site altitude:	1.000	Minutes

Truck Travel (Haul & Return) Time:
penetration 5.0

Road Condition: Rutted dirt, little maintenance, no water, 2" tire

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	400.00	0.00	5.00	5.00	1427	0.403

Haul Time: **0.403** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	400.00	0.00	5.00	5.00	2646	0.311

Return Time: **0.311** minutesTotal Truck Cycle Time: **3.384** minutes

Loading Tool unit

Production 663.95 LCY/Hour Adjusted for job efficiency: 551.08 LCY/Hour
Truck Unit Production 327.66 LCY/Hour Adjusted for job efficiency: 271.96 LCY/Hour

Optimal No. of Trucks: 2 Truck(s) Selected Number of Trucks: 2 Truck(s)

Adjusted hourly truck team production: 543.91 LCY/Hour
Adjusted single truck/loader team production: 543.91 LCY/Hour
Adjusted multiple truck/loader team production: **1,087.83** LCY/Hour

JOB TIME AND COSTFleet size: 2 Team(s) Total job time: **82.83** HoursUnit cost: \$1.436 /LCY Total job cost: **\$129,370**

BULLDOZER WORKTask description: Push topsoil down highwallsSite: Woodring PitPermit Action: SI-5Permit/Job#: M1978323**PROJECT IDENTIFICATION**Task #: 02AState: ColoradoAbbreviation: NoneDate: 11/20/2023County: MesaFilename: M323-02aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D9T - 9SUHorsepower: 405Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$238.76	NA
Operating Cost/Hour:	\$162.29	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$40.04	NA

Total unit Cost/Hour: \$441.09Total Fleet Cost/Hour: \$1,764.34**MATERIAL QUANTITIES**Initial Volume: 6,663Swell factor: 1.215Loose volume: 8,096 LCYSource of estimated volume: Division of Reclamation, Mining & SafetySource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 60 feetUnadjusted hourly production: 1,872.0 LCY/hrMaterials consistency description: Compacted fill or embankment 0.9Average push gradient: -25 %Average site altitude: 5,400 feetMaterial weight: 1,600 lbs/LCYWeight description: Top Soil**Job Condition Correction Factor**

		<u>Source</u>
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:	0.800	(FND-RF)
Push gradient:	1.516	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.9771

Adjusted unit production: 1,829.13 LCY/hr

Adjusted fleet production: **7316.52** LCY/hr

JOB TIME AND COST

Fleet size: 4 Dozer(s)

Unit cost: \$0.241/LCY

Total job time: **1.11** Hours

Total job cost: **\$1,952**

BULLDOZER WORKTask description: **Rough Grade Pit Floor**Site: **Woodring Pit** Permit Action: **SI-5** Permit/Job#: **M1978323****PROJECT IDENTIFICATION**

Task #: 03A State: Colorado Abbreviation: None
 Date: 11/20/2023 County: Mesa Filename: M323-03a
 User: ACY

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

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

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$238.76</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$162.29</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$0.00</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$0.00</u>	<u>0</u>
Operator Cost/Hour:	<u>\$40.04</u>	<u>NA</u>

Total unit Cost/Hour: \$441.09
 Total Fleet Cost/Hour: **\$1,764.34**

MATERIAL QUANTITIES

Initial Volume: 16,134
 Swell factor: 1.125
 Loose volume: **18,151 LCY**

Source of estimated volume: 20 ac @ 6"
 Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 50 feet
 Unadjusted hourly production: 2,110.5 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: 0 %
 Average site altitude: 5,400 feet

Material weight: 2,650 lbs/LCYWeight description: Decomposed rock - 25% Rock, 75% Earth**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	<u>0.750</u>	<u>(AVG.)</u>
Material consistency:	<u>0.900</u>	<u>(CAT HB))</u>
Dozing method:	<u>1.000</u>	<u>(GEN.)</u>
Visibility:	<u>1.000</u>	<u>(AVG.)</u>

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.3890

Adjusted unit production: 820.98 LCY/hr

Adjusted fleet production: **3283.92** LCY/hr

JOB TIME AND COST

Fleet size: 4 Dozer(s)

Unit cost: \$0.537/LCY

Total job time: **5.53** Hours

Total job cost: **\$9,752**

BULLDOZER RIPPING WORK

Task description: Rip compaction on pit floor

Site: Woodring Pit Permit Action: SI-5 Permit/Job#: M1978323

PROJECT IDENTIFICATION

Task #: 04A State: Colorado Abbreviation: None
Date: 11/20/2023 County: Mesa Filename: M323-04a
User: ACY

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

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

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	<u>\$238.76</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$162.29</u>	<u>100</u>
Ripper Ownership Cost/Hour:	<u>\$18.32</u>	<u>NA</u>
Ripper Operating Cost/Hour:	<u>\$8.98</u>	<u>100</u>
Operator Cost/Hour:	<u>\$40.04</u>	<u>NA</u>
Total Unit Cost/Hour:	<u>\$468.39</u>	
Total Fleet Cost/Hour:	<u>\$1,873.54</u>	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 20.00 acres Rip Depth (ft): 1.50 Volume: 48,400 BCY or CCY

Source of estimated quantity: 20 ac pit floor

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth:	<u>1.50</u>	<u>feet/pass</u>
Average Ripping Width:	<u>7.67</u>	<u>feet/pass</u>
Average Ripping Length:	<u>600.00</u>	<u>feet/pass</u>
Average Dozer Speed:	<u>88.00</u>	<u>feet/minute</u>
Average Maneuver Time:	<u>0.25</u>	<u>minutes/pass</u>
Production per unit area:	<u>0.897</u>	<u>acres/hour</u>

Job Condition Correction Factors

Unadjusted Hourly Unit Production:	<u>0.897</u>	<u>Acres/hr</u>
Site Altitude:	<u>5,400</u>	<u>feet</u>
Altitude Adj:	<u>1.00</u>	<u>(CAT HB)</u>
Job Efficiency:	<u>0.83</u>	<u>(1 shift/day)</u>
Net Correction:	<u>0.83</u>	<u>multiplier</u>

Adjusted Hourly Unit Production: 0.74 Acres/hr
Adjusted Hourly Fleet Production: **2.98** Acres/hr

JOB TIME AND COST

Fleet size: 4 Grader(s) Total job time: **6.72** Hours

Unit cost: \$629.256 Per acre Total job cost: **\$12,585**

TRUCK/LOADER TEAM WORKTask description: **Haul overburden to pit floor**Site: **Woodring Pit**Permit Action: **SI-5**Permit/Job#: **M1978323****PROJECT IDENTIFICATION**Task #: **05A**State: **Colorado**Abbreviation: **None**Date: **11/20/2023**County: **Mesa**Filename: **M323-05a**User: **ACY**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Shift basis: **1 per day**

Equipment Description	
Truck Loader Team -Truck:	Cat 730
-Loader:	CAT 972H
Support Equipment -Load Area:	Cat D9T - 9SU
-Dump Area:	NA
Road Maintenance -Motor Grader:	NA
-Water Truck:	NA

Cost Breakdown:**Truck/Loader Team****Support Equipment****Maintenance Equipment**

	Truck	Loader	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	100	NA	NA	NA
Ownership cost/hour:	\$108.06	\$57.78	\$238.76	NA	NA	NA
Operating cost/hour:	\$71.88	\$56.23	\$162.29	NA	NA	NA
%Utilization-riper:	NA	0	20	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	\$18.32	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	\$1.80	NA	NA	NA
Operator cost/hour:	\$24.82	\$35.97	\$40.04	NA	NA	NA
Unit Subtotals:	\$204.76	\$149.98	\$442.88	NA	NA	NA
Number of Units:	4	2	1	0	0	0
Group Subtotals:	Work: \$1,119.00		Support: \$442.88		Maint: \$0.00	

Total work team cost/hour: **\$1,561.88****MATERIAL QUANTITIES**Initial volume: **48,400**

CCY

Swell factor: **1.125**Loose volume: **54,450**

LCY

Source of estimated volume: **20 ac @ 18"**Source of estimated swell factor: **Cat Handbook**Material Purchase Cost: **\$0.00**Total Cost: **\$0.00****HOURLY PRODUCTION****Truck Capacity:****Truck Payload (weight) Basis:**Material weight: **2,650** Pounds/LCYDescription: **Decomposed rock - 25% Rock, 75% Earth**Rated Payload: **62,000** PoundsPayload Capacity: **23.40** LCY

Truck Bed (volume) Basis:

Struck Volume:	17.10	LCY
Heaped Volume:	22.10	LCY
Average Volume:	19.60	LCY
Adjusted Volume:	22.10	LCY

Final Truck Volume Based on Number of Loader Passes: **18.48** LCY

Loading Tool Capacity

Bucket Size Class: NA

Rated Capacity:	5.600	LCY (heaped)
Bucket Fill Factor:	1.100	Other - rock/dirt mixtures (100-120%) 1.100
Adjusted Capacity:	6.160	LCY

Job Condition Corrections:

Site Altitude (ft.): 5400 feet

	Truck	Loader	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Loading Tool Cycle Time: Number of Loading Tool Passes Required to Fill Truck: 3 passes

Excavators and Front Shovels:

Machine Cycle Time vs. Job Condition Rating: NA
 Selected Value within this Basic Rating: NA

Track Loaders – Material Description: _____

Cycle Time Elements (min.):

Load: NA Maneuver: NA Dump: 0.100

Wheel and Track Loaders - Unadjusted Basic Loader Cycle Time (load, dump, maneuver): 0.525 minutes

Cycle Time Factors		Factor (min.)	Source
Material:	Material 3/4" to 6" diameter 0.00	0.000	(Cat HB)
Stockpile:	Conveyor or dozer piled 10 ft. high and up 0.00	0.000	(Cat HB)
Truck Ownership:	No adjustment - factor not applicable 0.00	0.000	(Cat HB)
Operation:	Constant operation -0.04	-0.040	(Cat HB)
Dump Target:	Nominal target 0.00	0.000	(Cat HB)
Net Cycle Time Adjustment:		-0.040	minutes
Adjusted Loader Cycle Time:		0.485	minutes
Net Load Time per Truck:		1.070	minutes

Truck Cycle Time:

Truck Exchange Time:	0.60	Minutes	Adjusted for site altitude:	0.600	Minutes
Truck Load Time:	1.070	Minutes	Adjusted for site altitude:	1.070	Minutes
Truck Maneuver and Dump Time:	1.00	Minutes	Adjusted for site altitude:	1.000	Minutes

Truck Travel (Haul & Return) Time:
penetration 5.0

Road Condition: Rutted dirt, little maintenance, no water, 2" tire

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	500.00	0.00	5.00	5.00	1427	0.473

Haul Time: **0.473** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	500.00	0.00	5.00	5.00	2646	0.348

Return Time: **0.348** minutesTotal Truck Cycle Time: **3.491** minutes

Loading Tool unit

Production 663.95 LCY/Hour Adjusted for job efficiency: 551.08 LCY/Hour
Truck Unit Production 317.62 LCY/Hour Adjusted for job efficiency: 263.62 LCY/Hour

Optimal No. of Trucks: 2 Truck(s) Selected Number of Trucks: 2 Truck(s)

Adjusted hourly truck team production: 527.24 LCY/Hour
Adjusted single truck/loader team production: 527.24 LCY/Hour
Adjusted multiple truck/loader team production: **1,054.49** LCY/Hour

JOB TIME AND COSTFleet size: 2 Team(s) Total job time: **51.64** HoursUnit cost: \$1.481 /LCY Total job cost: **\$80,650**

BULLDOZER WORKTask description: Spread Overburden on Pit floorSite: Woodring Pit Permit Action: SI-5 Permit/Job#: M1978323**PROJECT IDENTIFICATION**

Task #: 05B State: Colorado Abbreviation: None
 Date: 11/20/2023 County: Mesa Filename: M323-05b
 User: ACY

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

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

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$238.76</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$162.29</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$0.00</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$0.00</u>	<u>0</u>
Operator Cost/Hour:	<u>\$40.04</u>	<u>NA</u>

Total unit Cost/Hour: \$441.09
 Total Fleet Cost/Hour: \$1,764.34

MATERIAL QUANTITIES

Initial Volume: 54,450
 Swell factor: 1.000
 Loose volume: 54,450 LCY

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

HOURLY PRODUCTION

Average push distance: 50 feet
 Unadjusted hourly production: 2,110.5 LCY/hr

Materials consistency description: Loose stockpile 1.2

Average push gradient: 0 %
 Average site altitude: 5,400 feet

Material weight: 2,650 lbs/LCYWeight description: Decomposed rock - 25% Rock, 75% Earth**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	<u>0.750</u>	<u>(AVG.)</u>
Material consistency:	<u>1.200</u>	<u>(CAT HB)</u>
Dozing method:	<u>1.000</u>	<u>(GEN.)</u>
Visibility:	<u>1.000</u>	<u>(AVG.)</u>

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5187

Adjusted unit production: 1,094.72 LCY/hr

Adjusted fleet production: **4378.88** LCY/hr

JOB TIME AND COST

Fleet size: 4 Dozer(s)

Unit cost: \$0.403/LCY

Total job time: **12.43** Hours

Total job cost: **\$21,939**

TRUCK/LOADER TEAM WORKTask description: Haul topsoil to pit floorSite: Woodring PitPermit Action: SI-5Permit/Job#: M1978323**PROJECT IDENTIFICATION**Task #: 06AState: ColoradoAbbreviation: NoneDate: 11/20/2023County: MesaFilename: M323-06aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Shift basis: 1 per day

Equipment Description	
Truck Loader Team -Truck:	Cat 730
-Loader:	CAT 972H
Support Equipment -Load Area:	Cat D9T - 9SU
-Dump Area:	NA
Road Maintenance -Motor Grader:	NA
-Water Truck:	NA

Cost Breakdown:**Truck/Loader Team****Support Equipment****Maintenance Equipment**

	Truck	Loader	Load Area	Dump Area	Motor Grader	Water Truck
%Utilization-machine:	100	100	100	NA	NA	NA
Ownership cost/hour:	\$108.06	\$57.78	\$238.76	NA	NA	NA
Operating cost/hour:	\$71.88	\$56.23	\$162.29	NA	NA	NA
%Utilization-riper:	NA	0	20	NA	NA	NA
Ripper own. cost/hour:	NA	\$0.00	\$18.32	NA	NA	NA
Ripper op. cost/hour:	NA	\$0.00	\$1.80	NA	NA	NA
Operator cost/hour:	\$24.82	\$35.97	\$40.04	NA	NA	NA
Unit Subtotals:	\$204.76	\$149.98	\$442.88	NA	NA	NA
Number of Units:	4	2	1	0	0	0
Group Subtotals:	Work: \$1,119.00		Support: \$442.88		Maint: \$0.00	

Total work team cost/hour: \$1,561.88**MATERIAL QUANTITIES**Initial volume: 16,133

CCY

Swell factor: 1.215Loose volume: 19,602

LCY

Source of estimated volume: 20 ac @ 6"Source of estimated swell factor: Cat HandbookMaterial Purchase Cost: \$0.00Total Cost: \$0.00**HOURLY PRODUCTION****Truck Capacity:**Truck Payload (weight) Basis:Material weight: 1,600

Pounds/LCY

Description: Top SoilRated Payload: 62,000

Pounds

Payload Capacity: 38.75

LCY

Truck Bed (volume) Basis:

Struck Volume:	17.10	LCY
Heaped Volume:	22.10	LCY
Average Volume:	19.60	LCY
Adjusted Volume:	22.10	LCY

Final Truck Volume Based on Number of Loader Passes: **18.48** LCY

Loading Tool Capacity

Bucket Size Class: NA

Rated Capacity:	5.600	LCY (heaped)
Bucket Fill Factor:	1.100	Other - rock/dirt mixtures (100-120%) 1.100
Adjusted Capacity:	6.160	LCY

Job Condition Corrections:

Site Altitude (ft.): 5400 feet

	Truck	Loader	Source
Altitude Adj:	1.000	1.000	(CAT HB)
Job Efficiency:	0.830	0.830	(CAT HB)
Net Correction:	0.830	0.830	

Loading Tool Cycle Time: Number of Loading Tool Passes Required to Fill Truck: 3 passes

Excavators and Front Shovels:

Machine Cycle Time vs. Job Condition Rating: NA
 Selected Value within this Basic Rating: NA

Track Loaders – Material Description: _____

Cycle Time Elements (min.):

Load: NA Maneuver: NA Dump: 0.100

Wheel and Track Loaders - Unadjusted Basic Loader Cycle Time (load, dump, maneuver): 0.525 minutes

Cycle Time Factors		Factor (min.)	Source
Material:	Material 3/4" to 6" diameter 0.00	0.000	(Cat HB)
Stockpile:	Conveyor or dozer piled 10 ft. high and up 0.00	0.000	(Cat HB)
Truck Ownership:	No adjustment - factor not applicable 0.00	0.000	(Cat HB)
Operation:	Constant operation -0.04	-0.040	(Cat HB)
Dump Target:	Nominal target 0.00	0.000	(Cat HB)
Net Cycle Time Adjustment:		-0.040	minutes
Adjusted Loader Cycle Time:		0.485	minutes
Net Load Time per Truck:		1.070	minutes

Truck Cycle Time:

Truck Exchange Time:	0.60	Minutes	Adjusted for site altitude:	0.600	Minutes
Truck Load Time:	1.070	Minutes	Adjusted for site altitude:	1.070	Minutes
Truck Maneuver and Dump Time:	1.00	Minutes	Adjusted for site altitude:	1.000	Minutes

Truck Travel (Haul & Return) Time:
penetration 5.0

Road Condition: Rutted dirt, little maintenance, no water, 2" tire

Haul Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	2700.00	-5.00	5.00	0.00	3080	1.144

Haul Time: **1.144** minutes

Return Route:

Seg #	Haul Distance (Ft)	Grade (%)	Roll. Res (%)	Total Res (%)	Velocity (fpm)	Travel Time (min)
1	2700.00	5.00	5.00	10.00	1561	1.794

Return Time: **1.794** minutesTotal Truck Cycle Time: **5.608** minutes

Loading Tool unit

Production 663.95 LCY/Hour Adjusted for job efficiency: 551.08 LCY/Hour
Truck Unit Production 197.72 LCY/Hour Adjusted for job efficiency: 164.11 LCY/Hour

Optimal No. of Trucks: 3 Truck(s) Selected Number of Trucks: 2 Truck(s)

Adjusted hourly truck team production: 328.21 LCY/Hour
Adjusted single truck/loader team production: 328.21 LCY/Hour
Adjusted multiple truck/loader team production: **656.42** LCY/Hour

JOB TIME AND COSTFleet size: 2 Team(s) Total job time: **29.86** HoursUnit cost: \$2.379 /LCY Total job cost: **\$46,640**

BULLDOZER WORKTask description: Spread topsoil on pit floorSite: Woodring PitPermit Action: SI-5Permit/Job#: M1978323**PROJECT IDENTIFICATION**Task #: 06BState: ColoradoAbbreviation: NoneDate: 11/20/2023County: MesaFilename: M323-06bUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D9T - 9SUHorsepower: 405Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$238.76	NA
Operating Cost/Hour:	\$162.29	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$40.04	NA

Total unit Cost/Hour: \$441.09Total Fleet Cost/Hour: \$1,764.34**MATERIAL QUANTITIES**Initial Volume: 19,602Swell factor: 1.000Loose volume: 19,602 LCYSource of estimated volume: Division of Reclamation, Mining & SafetySource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 0 feetUnadjusted hourly production: 2,110.5 LCY/hrMaterials consistency description: Loose stockpile 1.2Average push gradient: 0 %Average site altitude: 5,400 feetMaterial weight: 1,600 lbs/LCYWeight description: Top Soil**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.200	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.8593

Adjusted unit production: 1,813.55 LCY/hr

Adjusted fleet production: **7254.2** LCY/hr

JOB TIME AND COST

Fleet size: 4 Dozer(s)

Unit cost: \$0.243/LCY

Total job time: **2.70** Hours

Total job cost: **\$4,768**

REVEGETATION WORKTask description: Revegetate affected landsSite: Woodring PitPermit Action: SI-5Permit/Job#: M1978323**PROJECT IDENTIFICATION**Task #: 07AState: ColoradoAbbreviation: NoneDate: 11/20/2023County: MesaFilename: M323-07aUser: ACYAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
10-34-0, 18-46-0, 5-10-5	100.00	pound	\$0.50	\$49.67
			Total Fertilizer Materials Cost/Acre	\$49.67

Application

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$41.82
Total Fertilizer Application Cost/Acre	\$41.82

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$112.82
Total Tilling Cost/Acre	\$112.82

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Crested Wheatgrass - Ephraim	2.40	11.02	\$10.38
Sand Dropseed	0.20	23.88	\$1.95
Burnett, Small (or Little) - Delar	8.00	10.10	\$20.00
Pubescent Wheatgrass - Luna	5.60	11.57	\$19.04
Galleta	4.80	17.52	\$107.28
Rabbitbrush, Rubber	0.24	3.58	\$15.43
Saltbush, Four Wing	2.00	2.75	\$25.00
Totals Seed Mix	23.24	80.42	\$199.08

Application

Description	Cost /Acre
Broadcast seeding [DMG]	\$267.22
Total Seed Application Cost/Acre	\$267.22

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$4.01	\$4.01
Straw, delivered {MEANS 31 25 14.16 1200}	1.00	TON	\$429.79	\$429.79
Total Mulch Materials Cost/Acre				\$433.79

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$74.46
Power mulcher (MEANS 32 91 13.16 0350)	\$147.67
Weed spray, truck, non-aquatic area, nox. [DMG]	\$62.72
Total Mulch Application Cost/Acre	\$284.85

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: 28.26 Cost /Acre: \$1,389.25
 Estimated Failure Rate: 40% Cost /Acre*: \$1,389.25
 *Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING,MU
LCHING

Initial Job Cost: **\$39,260.21**
 Reseeding Job Cost: **\$15,704.08**
 Total Job Cost: **\$54,964**
 Job Hours: **40.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Initial Mobilization**Site: **Woodring Pit**Permit Action: **SI-5**Permit/Job#: **M1978323****PROJECT IDENTIFICATION**Task #: **10A**State: **Colorado**Abbreviation: **None**Date: **11/20/2023**County: **Mesa**Filename: **M323-10a**User: **ACY**Agency or organization name: **DRMS****EQUIPMENT TRANSPORT RIG COST**Shift basis: **1 per day**Cost Data Source: **CRG Data**Truck Tractor Description: **GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED,
400 HP (2ND HALF, 2006)**Truck Trailer Description: **GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT
TRAILER (25T, 50T, AND 100T)****Cost Breakdown:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$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
Total Unit Cost/Hour:	\$82.29	\$158.17	\$175.95

NON ROADABLE EQUIPMENT:

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D9T - 9SU	66.13	\$257.08	\$175.95	4	\$1,732.12	\$703.80	\$250.00
Cat 730	25.19	\$108.06	\$82.29	4	\$761.40	\$329.16	\$250.00
CAT 972H	28.00	\$57.78	\$158.17	2	\$431.90	\$316.34	\$500.00
Drill/Broadcast Seeder with Tractor	25.00	\$6.73	\$82.29	1	\$89.02	\$82.29	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$25.94	\$82.29	1	\$108.23	\$82.29	\$250.00

Subtotals: **\$3,122.67** **\$1,513.88** **\$1,500.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 30K GVW	\$92.68	1	\$92.68	\$92.68
Light Duty Pickup, 4x4, 3/4 T.	\$116.86	2	\$233.72	\$233.72

Subtotals: **\$326.40** **\$326.40**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	GRAND JUNCTION, CO	
Total one-way travel distance:	<u>35.00</u>	miles
Average Travel Speed:	<u>40.00</u>	mph
Total Non-Roadable Mob/Demob Cost *	\$17,359.30	
** two round trips with haul rig:		
Total Roadable Mob/Demob Cost **	<u>\$571.20</u>	
** one round trip, no haul rig:		

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.88	0.88
Return Time (Hours):	0.88	0.88
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.75	1.75

JOB TIME AND COST

Total job time:	<u>5.50</u>	Hours
Total job cost:	<u>\$17,930</u>	

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Secondary MobilizationSite: Woodring PitPermit Action: SI-5Permit/Job#: M1978323**PROJECT IDENTIFICATION**Task #: 10BState: ColoradoAbbreviation: NoneDate: 11/20/2023County: MesaFilename: M323-10BUser: ACYAgency or organization name: DRMS**EQUIPMENT TRANSPORT RIG COST**Shift basis: 1 per dayCost Data Source: CRG DataTruck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED,
400 HP (2ND HALF, 2006)Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT
TRAILER (25T, 50T, AND 100T)**Cost Breakdown:**

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
Total Unit Cost/Hour:	\$82.29	\$158.17	\$175.95

NON ROADABLE EQUIPMENT:

Machine Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Drill/Broadcast Seeder with Tractor	25.00	\$6.73	\$82.29	1	\$89.02	\$82.29	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$25.94	\$82.29	1	\$108.23	\$82.29	\$250.00

Subtotals: **\$197.25** **\$164.58** **\$500.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 3/4 T.	\$116.86	2	\$233.72	\$233.72

Subtotals: **\$233.72** **\$233.72**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:	GRAND JUNCTION, CO	
Total one-way travel distance:	35.00	miles
Average Travel Speed:	40.00	mph
Total Non-Roadable Mob/Demob Cost *	\$2,027.70	
** two round trips with haul rig:		
Total Roadable Mob/Demob Cost **	\$409.01	
** one round trip, no haul rig:		

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.88	0.88
Return Time (Hours):	0.88	0.88
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.75	1.75

JOB TIME AND COST

Total job time: 5.50 Hours

Total job cost: \$2,437



November 20, 2023

Jim Doody
Kilgore Companies LLC dba Elam Construction
556 Struthers Ave
Grand Junction, CO 81501

RE: Woodring Pit, Permit No. M-1978-323, Proposed Surety Increase SI-5

Dear Mr. Doody:

This reclamation cost update was in response to the site inspection conducted on October 25, 2023. It is Division policy to periodically update its costs to ensure that the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan.

The bond was last recalculated in 2018 with SO-2. Below is a table summarizing input values that have been updated in since the SO-2 calculation. This table does not account for price changes resulting from inflation or other RS Means cost changes. Bond calculations are based on a combination of field observations and worst case scenario based on the approved reclamation plan.

Task	Form Used	Description
01a	Dozer	Highwall reduction grade to 2H: 1V = 170,486 CCY 70'H x 500 LF @ vertical backfill = 90,741 20'H x 150LF + 900 LF @ vert cut/fill = 3,889 15'H x 600LF @ 1H: 1V cut/fill = 625 50'H x 1500 LF @ 1H: 1V backfill = 69,444 50'H x 500 LF @ 1H: 1V cut/fill = 5,787 Previously: 68,865 CY - 50'H x 300 LF @ Vertical cut/fill = 5,208, 50'H X 1100 LF @ 1H: 1V cut/fill = 12,731, 50'H x 1100 LF @ 1H: 1V backfill = 50,926



01b	Truck	Transport half of material for backfill of slopes = 80,093 CCY 400 yrd haul @ 0%
-	-	No slope overburden replacement, backfill/ grading material is overburden
02a	Dozer	Push topsoil down highwalls = 6,663 CY 120' slope length 3,000 LF = 8.26 ac @ 6" Avg 60 yrd push, -25%
03a	Dozer	Rough Grade Pit Floor – No Changes Prev: 20 ac @ 6" = 16,134 CCY, 50' push
04a	Ripper	Rip Pit Floor - No changes 20 ac
05a	Truck	Haul overburden to pit floor 20 ac @ 18" = 48,400 CCY (no change to volume), haul 500 LF 0%
05b	Dozer	Spread overburden on pit floor 54,450 LCY, 50' push
06a	Truck	Haul topsoil to pit floor 20 ac @ 6" = 16,133 CCY (no change to volume), haul 2700 LF -5%
06b	Dozer	Spread topsoil on pit floor 19,602 LCY, 50' push
07a	Reveg	Reveg 28.26 acres <ul style="list-style-type: none"> • Recommend TR to remove straw. If slopes are 2H:1V too steep to drill seed straw is impractical. Needs hydromulched if desired. • Also remove fertilizer unless soil samples deem necessary
10a	Mob	Update equipment used
10b	Mob	Update equipment used

Per policy I wanted to send this out for review prior to issuance. Please look it over and let me know if there are errors or concerns. If no response is received by **Monday, January 22, 2024** then I'll issue SI-5 as is. SI-5 will result in a total required bond amount of **\$707,024**, which is an increase of \$422,257.58 over the \$284,766.42 currently held.

Sincerely,

A handwritten signature in blue ink that reads "Amy Yeldell". The signature is written in a cursive, flowing style.

Amy Yeldell
Environmental Protection Specialist

Ec:
Travis Marshall, Senior EPS, Grand Junction DRMS