January 26, 2024

Anthony Zellitti 2001 CR 300 Durango, CO 81301



1313 Sherman Street, Room 215 Denver, CO 80203

RE: Zellitti Pit, Permit # M-1980-246, 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 \$50,090.00. This is an increase of \$5,272.00 over the \$44,818.00 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



BULLDOZER WORK

Task description:	Grade highwalls	to 2.1 stope			
Zellitti Pit	Peri	mit Action:	2024-01-11 Update	Permit/Job#:	M1980246
PROJECT IDENTI	FICATION				
Task #: 01A	State:	Colorado		Abbreviation:	None
Date: $1/11/2024$		La Plata		Filename:	M246-01a
User: DMC	<u> </u>	LuThuu			11210014
Agency or org	anization name: DR	MS			
HOURLY EQUIPM	IENT COST				
Basic Machine: C	at D10T - 10SU				
1	74				
Blade Type: Se	emi-Universal				
Attachment: 3-	-shank ripper				
Shift Basis: 1	per day				
Data Source: (C	CRG)				
Cost Breakdown:					
			Utilization %		
Ownership Cost/Hours		\$178.69	NA		
Operating Cost/Hour:	:	\$160.22	100		
Ripper own. Cost/Hours		\$24.49	NA		
Ripper op. Cost/Hours		\$0.00	0		
Operator Cost/Hours		\$41.30	NA		
Total Fleet Cost/Hour:	\$404.70				
MATERIAL QUAN	TITIES				
	T <mark>TITIES</mark> 000				
Initial Volume:8,0					
Initial Volume: <u>8,0</u> Swell factor: <u>1.4</u>	000				
Initial Volume: 8,0 Swell factor: 1.4 Loose volume: 11, Source of estimated vol Source of estimated swo	000 430 ,440 LCY lume: <u>Existing (</u> ell factor: <u>Cat Hand</u>	 Conditions book			
Initial Volume: 8,0 Swell factor: 1.4 Loose volume: 11, Source of estimated vol	000 430 ,440 LCY lume: Existing (ell factor: Cat Hand CTION _50 feet	book			
Initial Volume: 8,0 Swell factor: 1.4 Loose volume: 11, Source of estimated vol Source of estimated swe HOURLY PRODUC	000 430 ,440 LCY lume: Existing 0 ell factor: Cat Hand CTION solution: 50 feet luction: 2,748.7 LC	book Y/hr	 mbankment 0.9		
Initial Volume: 8,0 Swell factor: 1.4 Loose volume: 11, Source of estimated vol Source of estimated swo HOURLY PRODUC Average push distance: Unadjusted hourly prod	000 430 ,440 LCY lume: Existing (ell factor: Cat Hand CTION Luction: 50 feet 2,748.7 LC Lescription: Compa	book Y/hr	 mbankment 0.9		
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Initial Volume: 8,0 Swell factor: 1.4 Loose volume: 11, Source of estimated vol Source of estimated swo HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency d Average push gradient: Average site altitude:	000 430 ,440 LCY lume: Existing 0 ell factor: Cat Hand CTION luction: 50 feet 2,748.7 LC lescription: Compa 0% 6,700 feet	book Y/hr cted fill or e			
Initial Volume: 8,0 Swell factor: 1.4 Loose volume: 11, Source of estimated vol Source of estimated swo HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency d Average push gradient: Average site altitude: Material weight:	000 430 ,440 LCY lume: Existing 0 ell factor: Cat Hand CTION luction: 2,748.7 LC lescription: Compa 0 % 6,700 feet 3,300 lbs/LCY Decomposed rock	book Y/hr cted fill or e			
Initial Volume: 8,0 Swell factor: 1.4 Loose volume: 11, Source of estimated vol Source of estimated swo HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency d Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correctio	000 430 ,440 LCY lume: Existing 0 ell factor: Cat Hand CTION luction: 2,748.7 LC lescription: Compa 0 % 6,700 feet 3,300 lbs/LCY Decomposed rock on Factor	book Y/hr cted fill or e	, 25% Earth		
Initial Volume: 8,0 Swell factor: 1.4 Loose volume: 11, Source of estimated vol Source of estimated swo HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency d Average push gradient: Average site altitude: Material weight: Weight description:	000 430 ,440 LCY lume: Existing 0 ell factor: Cat Hand CTION luction: 2,748.7 LC lescription: Compa 0% 6,700 feet 3,300 lbs/LCY Decomposed rock on Factor or Skill: 0.	book Y/hr cted fill or e	, 25% Earth Source (AVG.)		
Initial Volume: 8,0 Swell factor: 1.4 Loose volume: 11, Source of estimated vol Source of estimated swo HOURLY PRODUC Average push distance: Unadjusted hourly prod Materials consistency d Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction	000 430 ,440 LCY lume: Existing 0 ell factor: Cat Hand CTION luction: 50 feet luction: 2,748.7 LC lescription: Compa 0 % 6,700 feet 3,300 lbs/LCY Decomposed rock on Factor 0. stency: 0.	book Y/hr cted fill or e - 75% Rock 750	, 25% Earth <u>Source</u>		

Job efficiency	: 0.830	(1 SHIFT/DAY)
Spoil pile	: 0.700	(FND-MF)
Push gradient	: 1.000	(CAT HB)
Altitude	: 1.000	(CAT HB)
Material Weight	: 0.697	(CAT HB)
Blade type	: 1.000	(PAT)
Net correction	: 0.2733	
Adjusted unit production:	751.22 LCY/hr	
Adjusted fleet production:	751.22 LCY/hr	

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.539/LCY

Total job time:	15.23 Hours
Total job cost:	\$6,163

BULLDOZER RIPPING WORK

	Task description	: Rip	Compacted Area				
Site	Zellitti Pit		Permit Action:	2024-01-11 Up	date Perm	nit/Job#: <u>M1</u>	980246
	PROJECT ID	ENTIFICATI	ON				
	Task #: 02	2A	State: Colorado		Abbrev	iation: Non	e
		11/2024	County: La Plata				-6-02a
	User: D	MC	•				
	Agency	y or organizatior	n name: DRMS				
	HOURLY EQ	UIPMENT C	<u>OST</u>				
	Basic	Machine: Ca	t D10T - 10SU		Horsepower:	574	
	Ripper At	tachment: 3-S			Shift Basis:	1 per day	,
					Data Source:	(CRG)	
	Cost Breakdown	1:					
					Utilization %		
		Ownership C		\$178.69	NA		
		Operating C		\$160.22	100		
		per Ownership C		\$24.49 \$11.23	NA 100		
	Кір	per Operating C Operator C		\$11.23 \$41.30	100 NA		
		Total Unit C		\$415.93			
		Total Fleet C	ost/Hour: \$415	.93			
	MATERIAL	QUANTITIES	Sele	cted estimating 1	nethod: Area		
	Alternate Metho	ods:					
Seismic:	NA		Bank Volume:	NA	BCY	NA	
Area:	15.00	acres		1.50		300	BCY or CCY
		Source of esti	mated quantity: Inspect	on			
	HOUDI V DD		<u> </u>				
	HOURLY PR	ODUCTION					
	Seismic:		a ' ' 17.1 '	N T 4	C · · ·		
			Seismic Velocity:	NA	feet/second	1	
	Area:						
			ge Ripping Depth:	2.87	feet/pass		
			ge Ripping Width:	8.67	feet/pass		
			e Ripping Length: rage Dozer Speed:	500.00 88.00	feet/pass feet/minute	a	
			e Maneuver Time:	0.25	ninutes/pa		
			tion per unit area:	1.007	acres/hour		
	Job Condition C	orrection Factor	s				
			- y Unit Production:	1.007	A area/br		
	U	nadjusted nourly			Acres/hr		
			Site Altitude:	6,700	feet		
			Altitude Adj:	1.00	(CAT HB)		
			Job Efficiency: Net Correction:	0.83	(1 shift/day	y)	
					multiplier		
		•	Hourly Unit Production:	0.84	Acres/hr		
		Adjusted	Hourly Fleet Production:	0.84	Acres/hr		
	JOB TIME A	ND COST					
	Fleet size:	1	Grader(s)	Total job time	:17.9	95	Hours
	Unit cost:	\$497.826	Per acre	Total job cost	: \$7,4	67	

BULLDOZER WORK

r: <u>Zelliti Pit</u> Permit Action: <u>2024-01-11 Updat</u> Permit/Job#: <u>M1980246</u> PROJECT IDENTIFICATION Task #: <u>03A</u> County: <u>La Plata</u> Abbreviation: <u>None</u> Date: <u>1/11/2024</u> County: <u>La Plata</u> Pitta Plata Plata <u>M246-03a</u> Agency or organization name: <u>DRMS</u> HOURLY EOUIPMENT COST Basic Machine: Cat D107 - 10SU Horsepower: <u>574</u> Blake Type: <u>Semi-Universal</u> Attachment: <u>3-shank ripper</u> Basis: <u>1 per day</u> Data Source: <u>(CRG)</u> Coat Breakdown: Operator Skift Basis: <u>1 per day</u> Data Source: <u>(CRG)</u> Coat Breakdown: <u>5178.69</u> NA Operating Coat/Hour: <u>5178.69</u> NA Ripper op. Cost/Hour: <u>5178.69</u> NA Ripper op. Cost/Hour: <u>5178.69</u> NA Ripper op. Cost/Hour: <u>5178.69</u> NA Coat Florekdown: <u>5160.22</u> Do Cost/Hour: <u>5160.22</u> Do Cost/Hour: <u>5144.9</u> NA Ripper op. Cost/Hour: <u>5404.70</u> Total unit Cost/Hour: <u>5404.70</u> Total unit Cost/Hour: <u>5404.70</u> Total Floret Cost/Hour: <u>5404.70</u> Total Floret Cost/Hour: <u>5404.70</u> Total Floret Cost/Hour: <u>5404.70</u> Total Cost/Hour: <u>5404.70</u> Total Cost/Hour: <u>5404.70</u> Cost Flore: <u>1060</u> Loose volume: <u>0.261 ICY</u> Source of estimated volume: <u>200 feet</u> Unadjusted hourly production: <u>200 feet</u> Unadjusted hourly production: <u>200 feet</u> Materials consistency description: Compacted fill or embankment 0.9 Average push gradient: <u>5%</u> Average site altitud: <u>6.700 feet</u> Material consistency description: <u>Compacted fill or embankment 0.9</u> Average push gradient: <u>5%</u> Average site altitud: <u>6.700 feet</u> Material consistency description: <u>Compacted fill or embankment 0.9</u> Average push gradient: <u>5%</u> Average site altitud: <u>6.700 feet</u> Material consistency <u>0.750 (AVG)</u> Material consistency: <u>0.750 (AVG)</u> Material consistency: <u>0.900 (CAT HB)</u>)		Replace topsoil on disturbed area					
Task #: 03A State: Colorado Abbreviation: None Date: 1/11/2024 County: La Plata Filename: M246-03a Weight description: Oarpite County: La Plata Filename: M246-03a HOURLY EOUIPMENT COST Basic Machine: Cat D10T - 10SU Horspore: S74 Blade Type: Semi-Universal Attachment: 3-shank ripper Shift Basis: J per day Data Source: (CRG) Cool Cool NA Operating Cost/Hour: \$178.69 NA Ripper own. CostHour: \$106.22 100 Ripper own. CostHour: \$106.22 100 Ripper own. CostHour: \$41.30 NA Total mit Cost/Hour: \$404.70 Source MATERIAL OUANTITIES Initial Volume: 9680 Swell factor: 10.61 LCY Source of estimated swell factor: Cat Handbook Material sonsistency description: Compact Handbook Moures of estimated swell factor: 200 feet	Zellitti Pit]	Permit Action:	2024-01-11 Update	Permit/Job#:	M1980246	
Date: 1/1/1/2024 County: La Plata Filename: M246-03a Agency or organization name: DRMS HOURLY EQUIPMENT COST Basic Machine: Cat D107 - 108U Horsepower: 574 Balac Type: Semi-Universal Attachment: 3-shank ripper Shift Basis: 1 per day Data Source: (CRG) Cownership Cost/Hour: \$178.69 NA Sife.22 Operating Cost/Hour: \$24.49 NA Sife.02 Ripper own. Cost/Hour: \$41.30 Operator Cost/Hour: \$404.70 Total unit Cost/Hour: \$404.70 MATERIAL QUANTITIES Initial Volume: Initial Volume: 9.680 Swelf factor: 1.060 Loose volume: 12 Acres, 6 inches deep Source of estimated volume: 200 feet Nadyrady stance: 200 feet Unadjusted hourly production: 946.0 LCY/hr Materials consistency description: Compacted fill or embankment 0.9 Average site altitude: 6.700 feet	PROJECT IDENTIFI	ICATION					
HOURLY EQUIPMENT COST Basic Machine: Cat D10T - 10SU Horsepower: 574 Blade Type: Semi-Universal Attachment: 3-shank ripper Data Source: (CRG) Cost Breakdown: Ownership Cost/Hour: \$178.69 NA NA Operating Cost/Hour: \$178.69 Ripper own. Cost/Hour: \$178.69 NA NA Operating Cost/Hour: \$178.69 Na NA Ripper op. Cost/Hour: \$178.69 Na NA Ripper op. Cost/Hour: \$178.69 Nattachment: \$178.69 Matter \$100.00 Operator Cost/Hour: \$24.49 Na Na Ripper op. Cost/Hour: \$40.30 Nater \$41.30 NA Total unit Cost/Hour: \$40.70 Total leit Cost/Hour: \$40.70 Swell factor: 10.60 Loose volume: 10.261 LCY Source of estimated swell factor: Cat Handbook HORLY	Date: 1/11/2024				-		
Basic Machine: Cat D10T - 10SU Horsepower: 574 Blade Type: Semi-Universal Attachment: 3-shank ripper Shift Basis: 1 per day Data Source: (CRG) Cost Breakdown: Ownership Cost/Hour: \$178.69 NA Operating Cost/Hour: \$160.22 100 Ripper own. Cost/Hour: \$24.49 NA Ripper op. Cost/Hour: \$41.30 NA Operating Cost/Hour: \$404.70 Total unit Cost/Hour: \$404.70 Total Volume: 9.680 Swell factor: 10.66 Loose volume: 10.26 11 CY Source of estimated volume: 2.00 feet Joace volume: 12 Acres, 6 inches deep Source of estimated swell factor: Cat Handbook HOURLY PRODUCTION Average push distance: 2.00 feet Unadjusted hourly production: 946.0 LCY/hr Materials consistency description: Compacted fill or embankment 0.9 Average site altitude: $6,700$ feet Material weight: 2.550	Agency or organ	nization name:	DRMS				
Horsepower: $\overline{574}$ Blade Type: Semi-Universal Attachment: $\overline{3-shank ripper}$ Shift Basis: 1 per day Data Source: (CRG) Cost Breakdown: Ownership Cost/Hour: $\overline{$178.69}$ NA Operating Cost/Hour: $\overline{$160.22}$ 100 Ripper op. Cost/Hour: $\overline{$22.49}$ NA Ripper op. Cost/Hour: $\overline{$404.70}$ NA Operating Cost/Hour: $\overline{$404.70}$ NA Total unit Cost/Hour: $\underline{$404.70}$ NA Total volume: $\underline{$404.70}$ NA Swell factor: $10.261 LCY$ Suce of estimated volume: $\underline{$2.680}$ Swell factor: $10.661 LCY$ Source of estimated swell factor: $\underline{Cat Handbook}$ HOURLY PRODUCTION Average push distance: 200 feet	HOURLY EQUIPME	ENT COST					
Blade Type: Semi-Universal Attachment: 3-shank ripper Shift Basis: 1per day Data Source: (CRG) Cost Breakdown: (CRG) Ownership Cost/Hour: \$178.69 NA NA Operating Cost/Hour: \$178.69 NA NA Operating Cost/Hour: \$24.49 NA Ripper op. Cost/Hour: \$40.00 0 Operator Cost/Hour: \$404.70 Total unit Cost/Hour: \$404.70 Total Fleet Cost/Hour: \$404.70 MATERIAL OUANTITIES Initial Volume: Source of estimated volume: 12 Acres.6 inches deep Source of estimated swell factor: Cat Handbook HOURLY PRODUCTION Average push distance: 200 feet Materials consistency description: Compacted fill or embankment 0.9 Average site altitude: $\frac{-5 \%}{6,700 feet}$ Materials consistency description: Compacted fill or embankment 0.9 Material weight: 2,550 lbs/LCY							
Attachment: 3 -shank ripper 1 per day 1 Data Source: (CRG) Cost Breakdown: (CRG) Ownership Cost/Hour: $$178.69$ NA Operating Cost/Hour: $$160.22$ 100 Ripper op. Cost/Hour: $$214.49$ NA Ripper op. Cost/Hour: $$224.49$ NA Ripper op. Cost/Hour: $$24.49$ NA Operator Cost/Hour: $$41.30$ NA Total unit Cost/Hour: $$404.70$	1						
Shift Basis: 1 per day Data Source: (CRG) Cost Breakdown: Utilization % Ownership Cost/Hour: \$178.69 NA Operating Cost/Hour: \$160.22 100 Ripper own. Cost/Hour: \$24.49 NA Ripper op. Cost/Hour: \$404.70 0 Otal Init Cost/Hour: \$404.70 NA Total unit Cost/Hour: \$404.70 NA Total Fleet Cost/Hour: \$404.70 NA MATERIAL QUANTITIES Initial Volume: 9.680 Swell factor: 10.60 Loose volume: 10.261 LCY Source of estimated volume: 12 Acres, 6 inches deep Source of estimated swell factor: Cat Handbook HOURLY PRODUCTION Average push distance: 200 feet Materials consistency description: Compacted fill or embankment 0.9 Average site altitude: $6,700$ feet	· · ·			_			
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Cost Breakdown: Utilization % Ownership Cost/Hour: \$178.69 NA Operating Cost/Hour: \$160.22 100 Ripper own. Cost/Hour: \$24.49 NA Ripper op. Cost/Hour: \$24.49 NA Ripper op. Cost/Hour: \$404.70 0 Total unit Cost/Hour: \$404.70 0 Total Fleet Cost/Hour: \$404.70 0 MATERIAL QUANTITIES 1.060 0 Swell factor: 1.060 0 Loose volume: 10.261 LCY 0 Source of estimated volume: 12 Acres, 6 inches deep 0 Source of estimated swell factor: Cat Handbook 0 HOURLY PRODUCTION 406.0 LCY/hr 0 0 Average push distance: 200 feet 0 0 Unadjusted hourly production: 946.0 LCY/hr 0 0 Materials consistency description: Compacted fill or embankment 0.9 0 Average push gradient: -5% 0 0 Average site altitude: $6,700$ feet 0 0 Material weight: 2,550 l							
Utilization % Ownership Cost/Hour: \$178.69 NA Operating Cost/Hour: \$160.22 100 Ripper ow. Cost/Hour: \$224.49 NA Ripper op. Cost/Hour: \$24.49 NA Ripper op. Cost/Hour: \$404.70 NA Total unit Cost/Hour: \$404.70 NA Total Unit Cost/Hour: \$404.70 NA MATERIAL OUANTITIES \$404.70 NA Initial Volume: 9,680 \$404.70 Swell factor: 10.660 10.261 LCY Loose volume: 112 Acres, 6 inches deep \$000 cat Handbook Bource of estimated volume: 200 feet 10.460 LCY/hr Unadjusted hourly production: 946.0 LCY/hr \$40.0 LCY/hr Materials consistency description: Compacted fill or embankment 0.9 \$40.70 feet Material weight: 2,550 lbs/LCY \$40.70 feet \$500 feet Weight description: Gravel - Dry \$500 cat (AVG.) \$40.0 (AVG.) Material consistency 0.900 (CAT HB)) \$500 cat (AVG.)	Data Source: (CR	RG)					
Utilization % Ownership Cost/Hour: \$178.69 NA Operating Cost/Hour: \$160.22 100 Ripper ow. Cost/Hour: \$224.49 NA Ripper op. Cost/Hour: \$24.49 NA Ripper op. Cost/Hour: \$404.70 NA Total unit Cost/Hour: \$404.70 NA Total Unit Cost/Hour: \$404.70 NA MATERIAL OUANTITIES \$404.70 NA Initial Volume: 9,680 \$404.70 Swell factor: 10.660 10.261 LCY Loose volume: 112 Acres, 6 inches deep \$000 cat Handbook Bource of estimated volume: 200 feet 10.460 LCY/hr Unadjusted hourly production: 946.0 LCY/hr \$40.0 LCY/hr Materials consistency description: Compacted fill or embankment 0.9 \$40.70 feet Material weight: 2,550 lbs/LCY \$40.70 feet \$500 feet Weight description: Gravel - Dry \$500 cat (AVG.) \$40.0 (AVG.) Material consistency 0.900 (CAT HB)) \$500 cat (AVG.)	Cost Breakdown						
Ownership Cost/Hour: \$178.69 NA Operating Cost/Hour: \$160.22 100 Ripper own. Cost/Hour: \$24.49 NA Ripper op. Cost/Hour: \$0.00 0 Operator Cost/Hour: \$404.70 Status: \$404.70 Total unit Cost/Hour: \$404.70 Total Fleet Cost/Hour: \$404.70 MATERIAL QUANTITIES Initial Volume: 9.680 Swell factor: 1.060				Utilization %			
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Ripper own. Cost/Hour: $$24.49$ NA Ripper op. Cost/Hour: $$0.00$ 0 Operator Cost/Hour: $$404.70$ Total unit Cost/Hour: $$404.70$ Stata $$41.30$ NA Total Fleet Cost/Hour: $$404.70$ MATERIAL QUANTITIES Initial Volume: $9,680$ Swell factor: 1.060 Loose volume: $10,261$ LCY Source of estimated volume: 12 Acres, 6 inches deep Source of estimated swell factor: Cat Handbook HOURLY PRODUCTION Average push distance: 200 feet Unadjusted hourly production: 946.0 LCY/hr Materials consistency description: Compacted fill or embankment 0.9 Average push gradient: -5% Average site altitude: $6,700$ feet Material weight: $2,550$ lbs/LCY Weight description: Gravel - Dry Job Condition Correction Factor Source Operator Skill: 0.750 Operator Skill: 0.900							
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Swell factor: 1.060 Loose volume: 10,261 LCY Source of estimated volume: 12 Acres, 6 inches deep Source of estimated swell factor: Cat Handbook HOURLY PRODUCTION Average push distance: 200 feet Unadjusted hourly production: 946.0 LCY/hr Materials consistency description: Compacted fill or embankment 0.9 Average push gradient: -5 % Average site altitude: 6,700 feet Material weight: 2,550 lbs/LCY Weight description: Gravel - Dry Job Condition Correction Factor Source Operator Skill: 0.750 Material consistency: 0.900							
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Average push distance: 200 feet Unadjusted hourly production: 946.0 LCY/hr Materials consistency description: Compacted fill or embankment 0.9 Average push gradient: -5 % Average site altitude: 6,700 feet Material weight: 2,550 lbs/LCY Weight description: Gravel - Dry Job Condition Correction Factor Source Operator Skill: 0.750 Material consistency: 0.900	Source of estimated swell		IIIUUUUK				
Average push distance: 200 feet Unadjusted hourly production: 946.0 LCY/hr Materials consistency description: Compacted fill or embankment 0.9 Average push gradient: -5 % Average site altitude: 6,700 feet Material weight: 2,550 lbs/LCY Weight description: Gravel - Dry Job Condition Correction Factor Source Operator Skill: 0.750 Material consistency: 0.900							
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Unadjusted hourly production: 946.0 LCY/hr Materials consistency description: Compacted fill or embankment 0.9 Average push gradient: -5 % Average site altitude: 6,700 feet Material weight: 2,550 lbs/LCY Weight description: Gravel - Dry Job Condition Correction Factor Source Operator Skill: 0.750 Material consistency: 0.900		200 feet					
Materials consistency description: Compacted fill or embankment 0.9 Average push gradient: -5 % Average site altitude: 6,700 feet Material weight: 2,550 lbs/LCY Weight description: Gravel - Dry Job Condition Correction Factor Source Operator Skill: 0.750 Material consistency: 0.900	Average push distance:						
Average push gradient: -5 % Average site altitude: 6,700 feet Material weight: 2,550 lbs/LCY Weight description: Gravel - Dry Job Condition Correction Factor Source Operator Skill: 0.750 Material consistency: 0.900		ction: 946.0 LO	CY/hr				
Average site altitude: 6,700 feet Material weight: 2,550 lbs/LCY Weight description: Gravel - Dry Job Condition Correction Factor Source Operator Skill: 0.750 Material consistency: 0.900	Unadjusted hourly produc			mbankment 0.9			
Weight description: Gravel - Dry Job Condition Correction Factor Source Operator Skill: 0.750 Material consistency: 0.900	Unadjusted hourly produc			mbankment 0.9			
Job Condition Correction Factor Operator Skill:Source 0.750Material consistency:0.900(CAT HB))	Unadjusted hourly product Materials consistency des Average push gradient:	scription: <u>Con</u>		mbankment 0.9			
Operator Skill:0.750(AVG.)Material consistency:0.900(CAT HB))	Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude:	-5 % 6,700 feet		nbankment 0.9			
Operator Skill:0.750(AVG.)Material consistency:0.900(CAT HB))	Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight:	-5 % 6,700 feet 2,550 lbs/LCY		mbankment 0.9			
Material consistency: 0.900 (CAT HB))	Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description:	Secription: Con -5 % 6,700 feet 2,550 lbs/LCY Gravel - Dry					
	Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction	scription: <u>Con</u> <u>-5 %</u> <u>6,700 feet</u> <u>2,550 lbs/LCY</u> <u>Gravel - Dry</u> <u>Factor</u>	npacted fill or en	Source			
	Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator S	scription: Con -5 % 6,700 feet 2,550 lbs/LCY Gravel - Dry Factor Skill:	npacted fill or en	Source (AVG.)			
Visibility: 1.000 (AVG.)	Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction Operator S Material consiste	Con 5 % 6,700 feet 2,550 lbs/LCY Gravel - Dry	0.750 0.900	Source (AVG.) (CAT HB))			
	Unadjusted hourly product Materials consistency des Average push gradient: Average site altitude: Material weight: Weight description: Job Condition Correction	scription: <u>Con</u> <u>-5 %</u> <u>6,700 feet</u> <u>2,550 lbs/LCY</u> <u>Gravel - Dry</u> <u>Factor</u>	npacted fill or en	Source			

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(SSD-AC)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.4508	
Adjusted unit production: 42	6.46 LCY/hr	

JOB TIME AND COST

Fleet size:	1 Dozer(s)
Unit cost:	\$0.949/LCY

Total job time:	24.06 Hours
Total job cost:	\$9,737

Adjusted fleet production: 426.46 LCY/hr

DEMOLITION WORK

	Task description	n:	Remove an	d Dispose of De	bris			
Site:	Zellitti Pit			Permit Action:	2024-01-11 Update	Pe	rmit/Job	#: <u>M1980246</u>
PROJE	<u>CT IDENTIF</u>	ICATION	N					
Task #:	04A		State:	Colorado		Abbreviati	ion: N	Vone
Date:	1/11/2024		County:	La Plata		Filena	me: N	M246-04a
User:	DMC		-					
	Agency	or organizat	ion name: _	DRMS				
UNIT C	<u>OSTS</u>					Location	<u>adjustn</u>	<u>nent: 91.60 %</u>
	ure or Item	Dimensio	ons	Demolition Me	enu Quantity	Unit	Unit	Total Cost

Description	Dimensions	Selection	Quantity	Unit	Cost	Total Cost
Misc. debris (steel & wood)	200 cu. yds.	Push demolished materials/rubble/debris into pit - Max. 200 ft. push	200.00	СҮ	\$2.05	\$410.00
				Т	otal Cost	

		Total Cost				
		Subtotal		(adjusted for		
Job Hours:	8.00	(unadjusted):	\$410.00	location):	\$375.56	

REVEGETATION WORK

Task description:		Revegetation					
Site: _	Zellitti Pi	t	Pe	rmit Action:	2024-01-11 Update	Permit/Joł	o#: <u>M1980246</u>
<u>PR</u>		IDENTIFIC	ATION				
	Task #:		State:	Colorado		Abbreviation:	None
	Date:	1/11/2024	County:	La Plata		Filename:	M246-05a
	User:	DMC					

FERTILIZING

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
8-24-24, 10-15-15, 10-20-20	250.00	pound	\$0.60	\$150.83
			Total Fertilizer Materials	
			Cost/Acre	\$150.83

Application

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

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$112.82
Weed control spraying (MEANS 31 31 16.13 3100)	\$338.80
Total Tilling C	ost/Acre \$451.62

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Nespar	3.00	9.71	\$26.63
Pubescent Wheatgrass - Luna	6.75	13.95	\$22.95
Streambank Wheatgrass - Sodar	4.00	13.04	\$22.80
Totals Seed Mix	13.75	36.70	\$72.38

Application

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

Total Seed Application Cost/Acre

\$232.00

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
Total Mulch Materials Cost/Acre				\$0.00

Application

Description	Cost /Acre
	\$
Total Mulch Application Cost/Acre	\$0.00

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: ed Failure Rate: ng Work Items:	25%	Cost /Acre: Cost /Acre*:	
Initial Job Cost:	\$11.383.80			
Reseeding Job Cost:	· · · · · · · · · · · · · · · · · · ·			
Total Job Cost:	\$14,230			
Job Hours:	20.00			

EQUIPMENT MOBILIZATION/DEMOBILIZATION

: Zellitti Pit		Permit	Action: 2024	-01-11 Upo	date	Permit/Job#:	M1980246
PROJECT IDEN	NTIFICATI	ON					
Task #: 06A			olorado			eviation: Non	
	/2024	County: La	Plata		F	ilename: M24	46-06a
User: DM	C						
Agency o	r organizatior	n name: DRMS					
FOLIDMENT T		T DIC COST					
EQUIPMENT T	KANSPUK	<u>1 KIG COST</u>					
					Shift ba	I	
				(Cost Data Sou	rce: CRG I	Data
Truck	Tractor Desc	rintion GENE	RIC ON-HIGH	WAY TRI	ICK TRACTO	OR, 6X4, DIESH	FL POWERED
THUCK	Tractor Dese				(2ND HALF,		LETOWERLD,
Truck	Trailer Desc	ription: G	ENERIC FOLD		· · · ·	ROP DECK EQ	UIPMENT
TIUCK	Trailer Dese				(25T, 50T, A)		
						1001	
					, , , , , , , , , , , , , , , , , , ,	/	
Cost Breakdown:					<u> </u>	,	
Cost Breakdown: Available Rig Ca	apacities	0-25 Tons	26-50 Tons		- Tons	, , , , , , , , , , , , , , , , , , ,	
		0-25 Tons \$20.26	26-50 Tons \$36.04	51+	·	· · · · · ·	
Available Rig Ca Ownership				51+ \$4	- Tons		
Available Rig Ca Ownership Operating	Cost/Hour:	\$20.26	\$36.04	51+ \$4 \$8	- Tons 17.05		
Available Rig Ca Ownership Operating Operator	Cost/Hour: Cost/Hour:	\$20.26 \$39.51	\$36.04 \$76.08	51 + \$2 \$8 \$2	- Tons 47.05 32.85		
Available Rig Ca Ownership Operating Operator Helper	Cost/Hour: Cost/Hour: Cost/Hour:	\$20.26 \$39.51 \$22.52	\$36.04 \$76.08 \$22.52	51+ \$4 \$8 \$2 \$2 \$2	- Tons 47.05 32.85 22.52		
Available Rig Ca Ownership Operating Operator Helper	Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	\$20.26 \$39.51 \$22.52 \$0.00	\$36.04 \$76.08 \$22.52 \$23.53	51+ \$4 \$8 \$2 \$2 \$2	- Tons 47.05 32.85 22.52 23.53		
Available Rig Ca Ownership Operating Operator Helper Total Unit	Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour:	\$20.26 \$39.51 \$22.52 \$0.00 \$82.29	\$36.04 \$76.08 \$22.52 \$23.53	51+ \$4 \$8 \$2 \$2 \$2	- Tons 47.05 32.85 22.52 23.53		
Available Rig Ca Ownership Operating Operator Helper Total Unit	Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN	\$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT:	\$36.04 \$76.08 \$22.52 \$23.53 \$158.17	51+ \$4 \$8 \$2 \$2 \$1	- Tons 47.05 32.85 22.52 23.53 75.95		DOT Pormit
Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADABI Machine	Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/	\$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT: Owner ship	\$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig	51- \$2 \$8 \$2 \$2 \$1 Fleet	- Tons 47.05 32.85 22.52 23.53 75.95 Haul Trip	Return Trip	
Available Rig Ca Ownership Operating Operator Helper Total Unit	Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/ Unit	\$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT:	\$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni	51+ \$4 \$8 \$2 \$2 \$1	- Tons 47.05 32.85 22.52 23.53 75.95 Haul Trip Cost/hr/		
Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADABI Machine Description	Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/ Unit (TONS)	\$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT: Owner ship Cost/hr/ unit	\$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni t	51- \$2 \$2 \$2 \$2 \$1 Fleet Size	- Tons 47.05 32.85 22.52 23.53 75.95 Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	Cost/ fleet
Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADABI Machine Description Cat D10T - 10SU	Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/ Unit (TONS) 93.31	\$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT: Owner ship Cost/hr/ unit \$203.18	\$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni t \$175.95	51-4 \$2 \$2 \$2 \$2 \$1 Fleet Size 1	- Tons 47.05 32.85 22.52 23.53 75.95 Haul Trip Cost/hr/ fleet \$379.13	Return Trip Cost/hr/ fleet \$175.95	Cost/ fleet \$0.00
Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADABI Machine Description Cat D10T - 10SU Drill/Broadcast	Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/ Unit (TONS)	\$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT: Owner ship Cost/hr/ unit	\$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni t	51- \$2 \$2 \$2 \$2 \$1 Fleet Size	- Tons 47.05 32.85 22.52 23.53 75.95 Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	Cost/ fleet
Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADABI Machine Description Cat D10T - 10SU Drill/Broadcast Seeder with	Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/ Unit (TONS) 93.31	\$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT: Owner ship Cost/hr/ unit \$203.18	\$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni t \$175.95	51-4 \$2 \$2 \$2 \$2 \$1 Fleet Size 1	- Tons 47.05 32.85 22.52 23.53 75.95 Haul Trip Cost/hr/ fleet \$379.13	Return Trip Cost/hr/ fleet \$175.95	\$0.00
Available Rig Ca Ownership Operating Operator Helper Total Unit NON ROADABI Machine Description Cat D10T - 10SU Drill/Broadcast	Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: Cost/Hour: LE EQUIPN Weight/ Unit (TONS) 93.31	\$20.26 \$39.51 \$22.52 \$0.00 \$82.29 MENT: Owner ship Cost/hr/ unit \$203.18	\$36.04 \$76.08 \$22.52 \$23.53 \$158.17 Haul Rig Cost/hr/uni t \$175.95	51-4 \$2 \$2 \$2 \$2 \$1 Fleet Size 1	- Tons 47.05 32.85 22.52 23.53 75.95 Haul Trip Cost/hr/ fleet \$379.13	Return Trip Cost/hr/ fleet \$175.95	Cost/ fleet \$0.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 3/4 T.	\$15.83	1	\$15.83	\$15.83
		Subtotals:	\$15.83	\$15.83

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: Total one-way travel distance: Average Travel Speed:	DURANGO 8.00 45.00	miles mph
Total Non-Roadable Mob/Demob Cost *	\$1,194.57	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$5.63	

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.18	0.18
Return Time (Hours):	0.18	0.18
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.36	0.36

JOB TIME AND COST

Total job time: 2.71 Hours

Total job cost: \$1,200