	sk description: Updated post inspection in 2				
ite:	Greeley 35th Ave Pit Permit Action:	Insp 2023		Permit/Job	#: <u>M1977036</u>
PR	OJECT IDENTIFICATION				
	Task #: HCR State: Colorado			Abbreviation: _	None
	Date: 10/19/2023 County: Weld			Filename:	M036-HCR
	User: HR1				
	Agency or organization name: DRMS				
					<del></del>
TA	SK LIST (DIRECT COSTS)				
		Form	Fleet	Task	
sk	Description	Used	Size	Hours	Cost
1	Final Slope Grading - Non West Cell - 153 Acres	DOZER	1	1,534.08	\$679,861
2	Import Topsoil	SITEMAINT	1	0.00	\$511,200
		ENANCE			
3	Topsoil Placement - Non West Cell - 153 Acres	LOADER	2	1,555.74	\$356,982
4	Topsoil Final Grading - Non West Cell - 153 Acres	DOZER	1	109.49	\$48,117
5	Conveyor Removal - Non West Cell	DEMOLISH	1	80.00	\$71,669
6	Revegetation - 90.5 Acres - Upland	REVEGE	1	40.00	\$118,814
7	Revegetate - Transition Zone - 60.5 Acres	REVEGE	1	20.00	\$85,306
8	Mob/Demob	MOBILIZE	1	3.14	\$3,361
9	West Cell Slurry Wall Certification- 20% retained	SITEMAINT	1	0.00	\$518,347
		ENANCE			
0	Install Slurry Wall - Non West Cell for SEO	SITEMAINT	1	0.00	\$2,244,318
	compliance	ENANCE			
		CHIPTIC	NT A T C	3342.45	\$4,637,975
		SUBTO	TALS:	3342.43	φτ,υυ1,913

2.02 Liability insurance: Total = \$93,687 Performance bond: 1.05 Total = \$48,699 Job superintendent: 1,671.22 Total = \$108,763 Profit: 10.00 Total = \$463,798

TOTAL O & P = \$714,946

CONTRACT AMOUNT (direct + O & P) = \$5,352,921

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Engineering work and/or contract/bid preparation: 4.25 Total = \$227,499

Reclamation management and/or administration: 5.00 \$267,646

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$1,210,592

TOTAL BOND AMOUNT (direct + indirect) = \$5,848,567

# BULLDOZER WORK

Task description: F	inal Slope Grading - Non V	Vest Cell - 153 Acres		
: Greeley 35th Ave Pit	Permit Action:	Insp 2023	_ Permit/Job#:	M1977036
PROJECT IDENTIFICA	TION			
Task #: 201	State: Colorado		Abbreviation:	None
Date: 11/6/2023	County: Weld		Filename:	201
2:03:22 PM	J			
User: HR1				
Agency or organizat	ion name: DRMS			
HOURLY EQUIPMENT	COST			
Basic Machine: Cat D8'	Γ - 8SU			
Horsepower: 310		<del></del> ;		
	niversal	<del></del>		
Attachment: 3-shank		<u> </u>		
Shift Basis: 1 per da		<u> </u>		
Data Source: (CRG)	-)			
Cost Breakdown:				
Cost Breakdown.		Utilization %		
Ownership Cost/Hour:	\$241.38	NA		
Operating Cost/Hour:	\$143.92	100		
Ripper own. Cost/Hour:	\$14.11	NA		
Ripper op. Cost/Hour:	\$3.73	50		
Operator Cost/Hour:	\$40.04	NA		
MATERIAL QUANTITI	ES			
Initial Volume: <u>550,000</u>				
Swell factor: 1.000 Loose volume: 550,000	ICV			
Loose volume: <u>550,000</u>	LCI			
Source of estimated volume:	AM-02 Application			
Source of estimated swell face	tor: Cat Handbook			
HOURLY PRODUCTIO	<u>N</u>			
Average push distance:	100 feet			
Unadjusted hourly production	: 852.6 LCY/hr			
Materials consistency descrip	tion: Consolidated stock	pile 1.0		
	<sup>0</sup> / <sub>0</sub>			
Average site altitude: 4,	670 feet			
Material weight: 4,	050 lbs/LCY		_	
Weight description: Sa	and and clay - Compacted			
Job Condition Correction Fac Operator Skill		Source (EXCL.)		
Material consistency		(CAT HB)		
Dozing method		(GEN.)		

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.568	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4205

Adjusted unit production: 358.52 LCY/hr
Adjusted fleet production: 358.52 LCY/hr

# **JOB TIME AND COST**

Fleet size: 1 Dozer(s)
Unit cost: \$1.236/LCY

Total job time: 1,534.08 Hours
Total job cost: \$679,861

# SITE MAINTENANCE

te:	Greeley 35th Ave Pit	Permit Action:	AM-02	Permit/.	Job#: <u>M1977036</u>
)JE(	CT IDENTIFICATIO	<u>N</u>			
ısk #:	202	State: Colorado		Abbreviation:	None
Date:	1/9/2015	County: Weld		Filename:	M036-202
	PSH	• -			

# **UNIT COSTS**

Maintenance Item	Hours per Year	Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Import 51,120 CY	40.00	USER PROVIDED	51,120.00	0	\$10.00	\$511,200.00
Topsoil		ITEM				

# WHEEL LOADER – LOAD AND CARRY WORK

_					Vest Cell - 15				
: Greeley 35	th Ave Pi	t	Per	mit Action	: <u>Insp 2023</u>		Pern	nit/Job#:	M1977036
PROJECT 1	DENTI	<u>FICATIO</u>	<u>N</u>						
Task #:	203		State:	Colorado	<b>.</b>		Abbrev	viation:	None
	11/6/2023		County:	Weld	,			ename:	203
	2:06:25 P		County.	Wold			1 110	chame.	203
	HR1							-	
Agei	ncy or org	anization n	ame: DF	RMS					
HOURLY E	COUIPM	ENT CO	ST						
	Machine:	CAT 938				Пома			172
	hment 1:	ROPS C					epower: ft Basis:		er day
Attac	illiliciit 1.	KOISC	au				Source:		CRG)
						Dutu			oko)
Cost Breakdo	wn:				Utilizatio	n 0/-			
Owne	rship Cost	/Hour	\$43.9	90	NA	)11 70			
	ating Cost		\$34.8		100				
	rator Cost		\$35.9		NA				
	Unit Cost	_	\$114.						
Total	Fleet Cos	t/Hour	\$229	16	•				
Total	ricei Cos	vnoui.	\$229	.40	=				
MATERIAL	L QUAN	<b>TITIES</b>							
Initial vo Loose vo	_	185,130 <b>185</b> ,	130	_ CCY _ LCY	Swe	ell factor: _	1.000		
Loose vo	olume: Source	185,	ad volume:	LCY AM-02	Application	_	1.000		
Loose vo	Source	185, e of estimate estimated sy	ed volume:	LCY AM-02	Application	_			
Loose vo	Source of e	185, of estimate estimated sy	ed volume: well factor:	AM-02 Cat Hai	Application adbook	_		.483	
Loose vo S HOURLY P Loader Cycle	Source of cource	185, s of estimated systemated systemated systemated by Unadju	ed volume: well factor:	AM-02 Cat Hai	Application	_	·):0	.483	minutes
Loose vo S HOURLY P Loader Cycle	Source of e  RODUC  Time:  Time Fac	185, c of estimate estimated systems.  CTION  Unadjutors	ed volume: well factor: asted Basic	LCY AM-02 Cat Han	Application adbook	_	): <u>0</u> Factor (1	.483 nin.)	minutes Source
Loose vo S HOURLY P Loader Cycle	Source of e  PRODUC  Time:  Time Fac  Matei	185, of estimated systemated syst	ed volume: well factor: usted Basic	LCY AM-02 Cat Han  Cycle Tim	Application adbook	_	Factor (1 0.02	.483 min.) 0	minutes Source (Cat HB)
Loose vo S HOURLY P Loader Cycle Cycle	Source of e  PRODUC  Time:  Time Fac  Mater  Stockp	185, c of estimated sy estimated sy CTION  Unadjutors   cial: Mix oile: Dun	ed volume: well factor: usted Basic ed material uped by tru	Cycle Tim  1 0.02 ck 0.02	Application ndbook e (load, dum	p, maneuver	Factor (1 0.02 0.02	.483 min.) 0	minutes Source (Cat HB) (Cat HB)
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Loose vo	Source ource of e PRODUC Time: Time Fac: Mater Stockp k Owners! Operati	tors Coninciple Coninc	ed volume: well factor: asted Basic ed material apped by tru amon owne stant opera	Cycle Tim  1 0.02 ck 0.02 ership of truttion -0.04	Application ndbook e (load, dum	p, maneuver	Factor (1 0.020 0.020 -0.04 -0.04	0.483 min.) 0 0 0 0 0	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Loose vo	Source of every source of ever	tors Coninciple Coninc	ed volume: well factor: asted Basic ed material apped by tru amon owne stant opera	Cycle Tim  1 0.02 ck 0.02 ership of tru tion -0.04 - factor no	Application ndbook e (load, dum	p, maneuver	Factor (1 0.02 0.02 -0.04	0.483 min.) 0 0 0 0 0 0 0	minutes Source (Cat HB) (Cat HB) (Cat HB)
Loose vo	Source ource of e PRODUC Time: Time Fac: Mater Stockp k Owners! Operati	tors Coninciple Coninc	ed volume: well factor: asted Basic ed material apped by tru amon owne stant opera	Cycle Tim  1 0.02 ck 0.02 ership of trution -0.04 - factor no	Application adbook  e (load, dum	p, maneuver lers -0.04 0.00 djustment:	Factor (1 0.020 0.020 -0.04 -0.04 0.000	.483 min.) 0 0 0 0 0 0 0	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB)
Loose vo	Source ource of executive services of execut	tors con con get: No a	ed volume: well factor: asted Basic ed material nped by tru nmon owne stant opera adjustment	Cycle Tim  1 0.02 ck 0.02 ership of trution -0.04 - factor no	Application ndbook  e (load, dum	p, maneuver lers -0.04 0.00 djustment:	Factor (1 0.020 0.020 -0.04 -0.04 0.000 -0.04	.483 min.) 0 0 0 0 0 0 0	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
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Loose vo	Source ource of executive services of execut	tors Conget: No a condition.	ed volume: well factor: asted Basic ed material nped by tru nmon owne stant opera adjustment ons ons	Cycle Tim  1 0.02 ck 0.02 ership of trution -0.04 factor no Net C Adju	Application adbook  e (load, duminates and load tapplicable (ycle Time Asted Basic Cyles aurfaced, w	p, maneuver lers -0.04 0.00 djustment: ycle Time:	Factor (1 0.020 0.020 -0.04 -0.04 0.440 atained 3.0	.483 min.) 0 0 0 0 0 0 0	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose vo	Source ource of e PRODUC Time: Time Fact Mater Stockp k Owners Operati Dump Tar	tors Conget: No a condition.	ed volume: well factor: asted Basic ed material nped by tru nmon owne stant opera adjustment ons ons	Cycle Tim  1 0.02 ck 0.02 ership of trution -0.04 factor no Net C Adju	Application ndbook  e (load, dum ncks and load t applicable ( ycle Time A	p, maneuver lers -0.04 0.00 djustment: ycle Time:	Factor (1 0.020 0.020 -0.04 -0.04 0.440 atained 3.0	.483 min.) 0 0 0 0 0 0 0	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose vo	Source ource of e PRODUC Time: Time Fact Mater Stockp k Owners Operati Dump Tar	Unadjutors Unadjutors Dunadjutors Conget: No a condition: Firm,	ed volume: well factor: usted Basic ed material nped by tru nmon owne stant opera adjustment ons smooth, rol	AM-02 Cat Han  Cycle Tim  1 0.02 ck 0.02 ership of trution -0.04 - factor no Net C Adju  lling, dirt/lt	Application adbook  e (load, dum  leks and load t applicable ( ycle Time Austed Basic Cy  . surfaced, w	p, maneuver lers -0.04 0.00 djustment: ycle Time: atered, main	Factor (r 0.02 0.02 -0.04 -0.04 0.44 stained 3.0	.483 min.) 0 0 0 0 0 0 0 0 3	minutes  Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes
Loose vo	Source ource of e PRODUC Time: Time Fact Mater Stockp k Owners Operati Dump Tar	tors   Conditions   Conditions	ed volume: well factor: usted Basic ed material nped by tru nmon owne stant opera adjustment ons smooth, rol Grade	Cycle Tim  Cycle Tim  1 0.02 ck 0.02 ership of trution -0.04 - factor no Net C Adju  Adju  lling, dirt/lt  lling, dirt/lt	Application adbook  e (load, dum  leks and load t applicable ( ycle Time Al sted Basic Cy  surfaced, w  Rolling	p, maneuver lers -0.04 0.00 djustment: ycle Time: atered, main atered, main	Factor (1 0.02 0.02 -0.04 -0.04 0.44 stained 3.0 stained 3.0	.483 min.) 0 0 0 0 0 0 0 3	minutes Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes
Loose vo	Source ource of every control of every c	Unadjutors Unadjutors Dunadjutors Conget: No a condition: Firm,	ed volume: well factor: usted Basic ed material nped by tru nmon owne stant opera adjustment ons smooth, rol	Cycle Tim  Output  Output  Cycle Tim  Output  Output	Application adbook  e (load, dum  leks and load t applicable ( ycle Time Austed Basic Cy  . surfaced, w	p, maneuver lers -0.04 0.00 djustment: ycle Time: atered, main	Factor (1 0.02 0.02 -0.04 -0.04 0.44 stained 3.0 stained 3.0	1.483 min.) 0 0 0 0 0 0 0 0 3 1 Time utes)	minutes  Source (Cat HB) (Cat HB) (Cat HB) (Cat HB) (Cat HB) minutes minutes

Page 2 of 2 Loader Worksheet Cont'd Task # 203

			Fotal Travel Tim Total Cycle Tim		2.7402 <b>3.1827</b>	minutes minutes
Load Bucket Capacity						
Rated Capacity:	3.90	LCY (heaped	d)			
Bucket Fill Factor:	0.975	Loose materi	al - mixed moist	t aggrega	tes (95-100	%) 0.975
Adjusted Capacity:	3.80	LCY				
Job Condition Correction Fa Site Altitude: 4670 feet	actors					
		Source				
Altitude Adj:	1.00	(CAT HB)				
Job Efficiency:	0.83	(1 shift/day)				
Net Correction:	0.83	multiplier				
Adji	usted Hourly Unit usted Hourly Unit ested Hourly Fleet	Production:	71.69 59.50 <b>119.00</b>	LCY/H	our	
Auju	isicu Hourry Free	i i ioduciioii.	117.00	LC I/II	Jui	

# **JOB TIME AND COST**

Fleet size:	2	Loader(s)	Total job time:	1,555.75	Hours
Unit cost:	\$1.928	/LCY	Total job cost:	\$356,982	

# **BULLDOZER WORK**

Task description:	Topsoil Final G	ading - Non V	Vest Cell - 153 Acres		
: Greeley 35th Ave Pit	Per	mit Action: _I	nsp 2023	Permit/Job#:	M1977036
PROJECT IDENTIFI	CATION				
Task #: 204	State:	Colorado		Abbreviation:	None
Date: 11/6/2023	County:	Weld		Filename:	204
2:04:36 PM	: :			-	
User: HR1					
Agency or organ	nization name: DI	RMS			
HOURLY EQUIPME	NT COST				
Basic Machine: Cat	D8T - 8SU				
Horsepower: 310					
	ni-Universal				
Attachment: 3-sl	nank ripper				
Shift Basis: 1 pe	er day				
Data Source: (CR	.G)				
Cost Breakdown:					
COSt Breakdown.			Utilization %		
Ownership Cost/Hour:		\$241.38	NA		
Operating Cost/Hour:		\$143.92	100		
Ripper own. Cost/Hour:		\$14.11	NA		
Ripper op. Cost/Hour:		\$0.00	0		
Operator Cost/Hour:		\$40.04	NA		
MATERIAL QUANT Initial Volume: 185, Swell factor: 1.000	130				
	130 LCY				
Source of estimated volumes Source of estimated swell			n, Mining & Safety		
HOURLY PRODUCT	<u> TION</u>				
Average push distance:	55 feet				
Unadjusted hourly produc		Y/hr	<del></del>		
Materials consistency des	cription: Loose	stockpile 1.2			
				_	
Average push gradient: Average site altitude:	-5 % 4,670 feet				
Material weight:	1,600 lbs/LCY			_	
Weight description:	Top Soil				
Job Condition Correction			Source		
Operator S		.000	(EXCL.)		
Material consists		.200	(CAT HB)		
Dozing met	thod:	.000	(GEN.)		

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.115	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 1.2776

Adjusted unit production: 1,690.78 LCY/hr
Adjusted fleet production: 1690.78 LCY/hr

# **JOB TIME AND COST**

Fleet size: 1 Dozer(s)
Unit cost: \$0.260/LCY

Total job time: 109.49 Hours
Total job cost: \$48,117

# **DEMOLITION WORK**

Task descript	tion:	Conveyor R	Removal - Non West Co	ell			
Site: Greeley 35	th Ave Pit	Permit Action: Insp 2023		Permit/Job#: M1977036		M1977036	
PROJECT IDENT	IFICATION	<u>1</u>					
Task #:205		State:	Colorado		Abbrevia	tion: None	
Date: 11/6/2023 PM	3 2:02:46	County:	Weld		Filena	ame: 205	
User: HR1							
Agenc	y or organizat	ion name:	DRMS				
<u>UNIT COSTS</u>					Location	adjustment:	<u>94.70 %</u>
Structure or Item Description	Dimensio	ons	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Conveyor Removal	4,300 feet	ove sur	SSOLETE-Conveyor, erland, including oports - 5 ft. W x 6 ft. housing	4,300.00	LF	\$17.60	\$75,680.00
			Subtotal			otal Cost	

location): \$71,668.96

Job Hours: \_\_\_\_\_80.00 \_\_\_\_ (unadjusted): \_\_\_\_\$75,680.00

## **REVEGETATION WORK**

Task description: Revegetation - 90.5 Acres - Upland

Site: Greeley 35th Ave Pit Permit Action: Insp 2023 Permit/Job#: M1977036

## **PROJECT IDENTIFICATION**

Task #: 206 State: Colorado Abbreviation: None
Date: 11/6/2023 County: Weld Filename: 206

11/6/2023 County: Weld Filename: 206 2:08:07 PM

User: HR1

Agency or organization name: DRMS

## **FERTILIZING**

#### Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
0-20-20, 4-8-12, 10-10-10	40.00	pound	\$0.62	\$24.80
			Total Fertilizer Materials Cost/Acre	\$24.80

**Application** 

Description		Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)		\$41.82
	<b>Total Fertilizer Application Cost/Acre</b>	\$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 Cost/Acre	\$451.62

### **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	0.10	3.90	\$2.85
Switchgrass - Pathfinder	0.67	5.98	\$8.54
Sand Dropseed	0.48	57.30	\$4.68
Mountain Brome - Bromar	1.74	2.80	\$6.61
Sideoats Grama - Butte	1.80	5.91	\$16.20
Western Wheatgrass - Arriba	1.74	4.39	\$11.31
Sweetvetch, Utah or Northern	1.02	0.46	\$76.50
Needle and Thread	1.29	3.41	\$53.99
Rose, Meadow	0.87	0.74	\$21.75

Globemallow, Scarlet (or copper)	0.25	2.83	\$33.88
Penstemon, Rocky Mountain	0.46	7.21	\$13.57
Totals Seed Mix	10.42	94.93	\$249.87

**Application** 

Description		Cost /Acre
Drill Seeding (DRMS Survey Cost)		\$232.00
	<b>Total Seed Application Cost/Acre</b>	\$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
Weed spray, truck, non-aquatic area, nox. [DMG]		\$62.72
	<b>Total Mulch Application Cost/Acre</b>	\$62.72

## **NURSERY STOCK PLANTING**

Common Name	No / Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
		Totals 1	Nursery Stoc	k Cost / Acre	\$0.00

## **JOB TIME AND COST**

 No. of Acres:
 90.5
 Cost /Acre:
 \$1,062.83

 Estimated Failure Rate:
 25%
 Cost /Acre\*:
 \$1,000.11

\*Selected Replanting Work Items: FERTILIZING,TILLING,SEEDING

Initial Job Cost: \$96,186.12

Reseeding Job Cost: \$22,627.49

Total Job Cost: \$118,814

40.00

Cost /Acre

\$0.00

# **REVEGETATION WORK**

	cription:	Revegetate - Tra				
: Greel	y 35th Ave Pit	Pe	rmit Action: Insp	2023	Permit/Job	o#: <u>M1977036</u>
PROJEC	T IDENTIFIC	<u>CATION</u>				
Task	t: <u>207</u>	State:	Colorado		Abbreviation:	None
Dat	2:08:49 PM	County:	Weld		Filename:	207
Use	-		-		_	
FERTIL Materials	Agency or organi	zation name: DI	RMS			
FERTIL Materials	Agency or organi	zation name: <u>DI</u>	Units /	Unit	Cost / Unit	Cost /Acre
FERTIL	Agency or organi	zation name: DI		Unit	Cost / Unit	Cost /Acre

# **TILLING**

Description

Description	Cost /Acre
Weed control spraying (MEANS 31 31 16.13 3100)	\$338.80
Total Tilling Cost/Acre	\$338.80

**Total Fertilizer Application Cost/Acre** 

# **SEEDING**

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Switchgrass - Pathfinder	0.78	6.97	\$9.95
Sand Dropseed	0.03	3.58	\$0.29
Canada Wildrye	2.47	6.52	\$26.77
Sideoats Grama - Butte	1.24	4.07	\$11.16
Great Basin Wildrye - Magnar	1.34	5.44	\$15.48
Western Wheatgrass - Arriba	1.45	3.66	\$9.43
Vetch, American	5.81	2.63	\$580.56
Globemallow, Scarlet (or copper)	0.05	0.59	\$7.05

\$232.00

<b>Totals Seed Mix</b>	13.17	33.46	\$660.68
			Cost /Acre
			\$232.00
	Totals Seed Mix	Totals Seed Mix 13.17	Totals Seed Mix 13.17 33.46

**Total Seed Application Cost/Acre** 

## **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	k Cost / Acre	\$0.00

## **JOB TIME AND COST**

No. of Acres: 60.5 Cost /Acre: \$1,231.48
Estimated Failure Rate: 20% Cost /Acre\*: \$892.68

\*Selected Replanting Work Items: SEEDING

Initial Job Cost: \$74,504.54

Reseeding Job Cost: \$10,801.43

Total Job Cost: \$85,306

Job Hours: 20.00

## **EQUIPMENT MOBILIZATION/DEMOBILIZATION**

Task description:	Mob/Demob					
G 1 25/1 1 Pt		2022 B	·/I 1 // N/107702/			

Site: Greeley 35th Ave Pit Permit Action: Insp 2023 Permit/Job#: M1977036

#### **PROJECT IDENTIFICATION**

Task #: 208 State: Colorado Abbreviation: None

Date: 11/6/2023 County: Weld Filename: 208
2:07:09 PM

User: HR1

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	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/uni	Fleet Size	Haul Trip Cost/hr/	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D8T - 8SU	(TONS) 47.71	\$241.38	\$158.17	1	fleet \$399.55	\$158.17	\$500.00
CAT 938H	16.34	\$43.90	\$82.29	2	\$252.38	\$164.58	\$250.00

Subtotals: \$651.93 \$322.75 \$750.00

### **ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
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Subtotals: **\$0.00 \$0.00** 

# **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

GREELEY

miles

mph

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

\$3,360.82

\$0.00

### **Transportation Cycle Time:**

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.29	0.29
Return Time (Hours):	0.29	0.29
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.57	0.57

# **JOB TIME AND COST**

Total job time:	3.14	Hours
Total job cost:	\$3.361	

# SITE MAINTENANCE

-	Task description:	West Cell S	lurry Wall Cert	tification- 20% r	etained	
Site:	<b>Greeley 35th Ave Pit</b>		Permit Action:	Insp 2023	Permit/.	Job#: <u>M1977036</u>
PROJE(	CT IDENTIFICATION	<u>N</u>				
Task #:	209	State:	Colorado		Abbreviation:	None
Date:	11/6/2023 2:10:18 PM	County:	Weld		Filename:	209
User:	HR1					
	Agency or organiza	tion name:	DRMS			

# **UNIT COSTS**

Maintenance Item	Hours per Year	Menu Selection	Quantity	Unit	Unit Cost	Total Cost
West Cell Slurry Wall	40.00	USER PROVIDED	518,347.00	1	\$1.00	\$518,347.00
Construction Cost		ITEM				

Job Hours:	0.00	Total Cost:	\$518,347.00

# SITE MAINTENANCE

1	ask description:	Install Slur	Install Slurry Wall - Non West Cell for SEO compliance					
Site: _	Greeley 35th Ave Pit		Permit Action:	Insp 2023	Permit/.	Job#: <u>M</u> 1	1977036	
ROJEC	CT IDENTIFICATIO	<u> N</u>						
Task #:	210	State:	Colorado		Abbreviation:	None		
Date:	11/6/2023 2:10:44 PM	County:	Weld		Filename:	210		
	HR1		-					

## **UNIT COSTS**

Maintenance Item	Hours per Year	Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Install Slurry Wall at 4 remaining open water lakes	1.00	USER PROVIDED ITEM	748,106.00	1	\$3.00	\$2,244,318.00

Job Hours:	0.00	Total Cost:	\$2,244,318.00