

1313 Sherman Street, Room 215 Denver, CO 80203

Mr. Anthony Zellitti Anthony Zellitti 2001 CR 300 Durango, CO 81301

April 15, 2014

# Re: Zellitti Pit, Permit No. M-1980-246, Financial Warranty Increase, Revision No. SI-1

Dear Mr. Zellitti:

On April 15, 2014 the Division of Reclamation, Mining and Safety increased the current Financial Warranty for this permit to \$75,231.71, in accordance with Rule 4.2.1 of the Rules and Regulations. This is an increase of \$30,413.71.

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. If you wish to submit a different type of Financial Warranty, please contact me such that I may send you the applicable form.

If you have any questions, please contact me at (970) 259-5861.

Sincerely,

Kate A. Pickford Environmental Protection Specialist

# COST SUMMARY WORK

Task d	escription: 2014 Inspection					
Site:	Zellitti Pit	Pe	ermit Action: _2	2014 Inspe	ection Permi	t/Job#: M1980246
_	PROJECT IDENTIFICATION					
		olorado			Abbreviation	
		a Plata			Filename	: M246-000
	User: KAP					
	Agency or organization name:DRMS	5				
7	TASK LIST (DIRECT COSTS)					
-		1	Form	Fleet	Task	T
Task	Description		Used	Size	Hours	Cost
001	Grade highwalls to 2:1 slope		DOZER	1	99.78	\$20,399.85
002	Rip Compacted Area		RIPPER	1	21.98	\$4,638.00
003	Replace topsoil on disturbed area		DOZER	1	95.78	\$19,582.43
004	Remove and Dispoose of Debris		DEMOLISH	1	8.00	\$1,748.67
005	Revegetation		REVEGE	1	20.00	\$9,634.13
006	Mobilize		MOBILIZE	1	3.33	\$997.54
					248.87	\$57,000,60
			SUBTO	DTALS:	248.87	\$57,000.62
]	NDIRECT COSTS					
(	OVERHEAD AND PROFIT:					
-	Liability insurance: 0.00%				Tatal -	\$0.00
	Performance bond: 0.00%				Total = Total =	\$0.00
	Job superintendent: 124.43 hrs				Total =	\$8,138.97
	Profit: 10.00%				Total =	\$5,700.06
					ALO&P =	\$13,839.03
		CON	TRACT AMOU	NT (direc	t + O & P) =	\$70,839.65
I	EGAL - ENGINEERING - PROJECT MANAG	EMENT	2			
-	Financial warranty processing (legal/related		0.00		Total =	0.00
	Engineering work and/or contract/bid prepa		0.00%	()	Total = -	\$0.00
	Reclamation management and/or administ		6.20%		<u> </u>	\$4,392.06
	CONTINGE	ENCY:	0.00		Total =	\$0.00
			TOTA	L INDIRE	CT COST =	\$18,231.09
	то	TAL B	OND AMOUN	ſ (direct -	indirect) =	\$75,231.71

### BULLDOZER WORK

Zellitti Pit	Perr	nit Action:	2014 Inspection	Permit/Job#:	M1980246
PROJECT IDENTIF	ICATION				
Task #: 001	State:	Colorado		Abbreviation:	None
Date: 4/15/2014	County:	La Plata		Filename:	M246-001
User: KAP	,		· · · · · · · · · · · · · · · · · · ·		1112 10 001
Agency or organ	nization name:DR	MS			
HOURLY EQUIPME	ENT COST				
	t D8T - 8SU				
Horsepower: 310					
1	ni-Universal				
	hank ripper				
	er day				
	RG)				
Cost Breakdown:			T T4:1!4' 0/		
Oumanshin Cast/II	<b>ФСЭ 00</b>		Utilization %		
Ownership Cost/Hour: Operating Cost/Hour:	<u>\$63.00</u> \$104.03		<u>NA</u>		
Ripper op. Cost/Hour:	\$104.03		100		
			0		
Operator Cost/Hour:	\$37.41		NA		
otal unit Cost/Hour:	\$204.45				
otal Fleet Cost/Hour:	\$204.45				
MATERIAL QUANT	TITIES				
MATERIAL QUANT Initial Volume:33,6	<b>TITIES</b> 11				
Initial Volume: 33,6 Swell factor: 1.430	TITIES 11 0				
Initial Volume: 33,6 Swell factor: 1.430	<b>TITIES</b> 11				
Initial Volume: 33,6 Swell factor: 1.430 Loose volume: 48,00	TITIES 11 0 64 LCY	   f Reclamati	on. Mining & Safety		
Initial Volume: 33,6 Swell factor: 1.430 Loose volume: 48,00 ource of estimated volum	<b>TTIES</b> 11    0    64 LCY    me:  Division of		on, Mining & Safety		
Initial Volume: 33,6 Swell factor: 1.430 Loose volume: 48,00	<b>TTIES</b> 11    0    64 LCY    me:  Division of		on, Mining & Safety		
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated swell	TTIES    11    0    64 LCY    me:  Division of Lifector:    Cat Handb		on, Mining & Safety		
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT	TTIES    11    0    64 LCY    me:  Division of Cat Handb    I factor:  Cat Handb    FION		on, Mining & Safety		
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Verage push distance:	TTIES    11    0    64 LCY    me:  Division of    I factor:  Cat Handb    CION    75 feet	book	on, Mining & Safety		
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT	TTIES    11    0    64 LCY    me:  Division of    I factor:  Cat Handb    CION    75 feet	book	on, Mining & Safety		
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Verage push distance:	<b>TTIES</b> 11    0    64 LCY    me:  Division of Cat Handb    I factor:  Cat Handb <b>CION</b> 75 feet    ction:  1,017.1 LCY	oook 7/hr	on, Mining & Safety   mbankment 0.9		
MATERIAL QUANT    Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Average push distance:    Inadjusted hourly product    Atterials consistency destribution	TTIES    11    0    64 LCY    me:  Division of    1 factor:  Cat Handb    CION    ction:  75 feet    ction:  1,017.1 LCY    ccription:  Compace	oook 7/hr			
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Average push distance:    Inadjusted hourly product    Atterials consistency destruction    Average push gradient:	TTIES    11    0    64 LCY    me:  Division of    1 factor:  Cat Handb    FION    ction:  75 feet    ction:  1,017.1 LCY    ocription:  Compace    -25 %	oook 7/hr			
MATERIAL QUANT    Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Average push distance:    Inadjusted hourly product    Atterials consistency destribution	TTIES    11    0    64 LCY    me:  Division of    1 factor:  Cat Handb    CION    ction:  75 feet    ction:  1,017.1 LCY    ccription:  Compace	oook 7/hr			
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Verage push distance:    Unadjusted hourly product    Atterials consistency destruction    Average push gradient:    Verage site altitude:	TTIES    11    0    64 LCY    me:  Division of    I factor:  Cat Handb    CION    ction:  75 feet    ction:  1,017.1 LCY    ccription:  Compace    -25 %  6,700 feet	oook 7/hr			
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Average push distance:    Inadjusted hourly product    Atterials consistency destruction    Average push gradient:	TTIES    11    0    64 LCY    me:  Division of    1 factor:  Cat Handb    FION    ction:  75 feet    ction:  1,017.1 LCY    ocription:  Compace    -25 %	oook 7/hr			
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Average push distance:    Inadjusted hourly product    Atterials consistency des    Average push gradient:    Average site altitude:    Atterial weight:    Veight description:	TTIES    11    0    64 LCY    me:  Division of    I factor:  Cat Handb    CION    ction:  75 feet    ction:  1,017.1 LCY    ccription:  Compace    -25 %  6,700 feet    3,300 lbs/LCY  Decomposed rock -	oook 7/hr ted fill or en	mbankment 0.9		
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Average push distance:    Inadjusted hourly product    Aterials consistency des    Average push gradient:    Average site altitude:    Aterial weight:    Veight description:    ob Condition Correction	TTIES    11    0    64 LCY    me:  Division of    I factor:  Cat Handb    CION    ction:  75 feet	vook //hr ted fill or en 	mbankment 0.9		
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Average push distance:    Inadjusted hourly product    Atterials consistency destricted    Average push gradient:    Average site altitude:    Atterial weight:    Veight description:    ob Condition Correction	TTIES    11    0    64 LCY    me:  Division of    1 factor:  Cat Handb    CION    ction:  75 feet    tion:  1,017.1 LCY    cription:  Compace    -25 %  6,700 feet    3,300 lbs/LCY  Decomposed rock -    Factor  Skill:  0.7	2000k 7/hr 2010 ted fill or en 2010 ted 2010 ted			
Initial Volume:  33,6    Swell factor:  1.430    Loose volume:  48,00    ource of estimated volur    ource of estimated volur    ource of estimated swell    HOURLY PRODUCT    Average push distance:    Inadjusted hourly product    Aterials consistency des    Average push gradient:    Average site altitude:    Aterial weight:    Veight description:    ob Condition Correction	TTIES    11    0    64 LCY    me:  Division of    1 factor:  Cat Handbe    CION    ction:  75 feet    tion:  1,017.1 LCY    ccription:  Compace    -25 %  6,700 feet    3,300 lbs/LCY  Decomposed rock -    Factor  Skill:  0.7    ency:  0.9	2000k 7/hr 2010 ted fill or en 2010 ted 2010 ted	mbankment 0.9 25% Earth Source		

Visibility:	1.000	(AVG.)
Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(SSD-AC)
Push gradient:	1.516	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.697	(CAT HB)
Blade type:	1.000	(PAT)
Net correction:	0.4736	
Adjusted unit production: 48	1.70 LCY/hr	

### JOB TIME AND COST

Adjusted fleet production: 481.7 LCY/hr

Fleet size:	1 Dozer(s)
Unit cost:	\$0.424/LCY
Total job time:	99.78 Hours
Total job cost:	\$20,399.85

# BULLDOZER RIPPING WORK

	Task descriptio	n: Rip Co	mpacted Area							
Site	: Zellitti Pit		Permit Action:	2014 Inspection	Permit/Job	#: M1980246				
	PROJECT II	DENTIFICATION	N							
	Task #: 0	02	State: Colorado		Abbreviation:	None				
		/15/2014	County: La Plata		Filename:					
	User: K	CAP								
	Agency or organization name: DRMS									
	HOURLY EC	QUIPMENT COS	<u>T</u>							
	Basi	c Machine: Cat D	8T - 8SU		Horsepower:	310				
	Ripper A	ttachment: 3-Sha	nk Ripper			per day				
					Data Source:	(CRG)				
	Cost Breakdow	<u>n:</u>								
				τ	Jtilization %					
		Ownership Cost		3.00	NA					
		Operating Cost		04.03	100					
	Rij	pper Operating Cost		5.53	100					
		Operator Cost		7.41	NA					
		Total Unit Cost		0.98						
		Total Fleet Cost	Hour:\$21	0.98						
	MATERIAL	QUANTITIES	Sel	ected estimating m	ethod: Area					
	Alternate Metho	ods:								
Seismic:	NA		Bank Volume:	NA	BCY	NA				
Area:	15.00	acres	Rip Depth (ft):	2.00	Volume: 48,400	BCY or CO				
		Source of estimat	ed quantity: Inspec	tion						
			eu quuitityispec							
	HOURLY PR	RODUCTION								
	Seismic:	0.1		274	<b>C</b> . /					
		Sei	smic Velocity:	NA	feet/second					
	Area:									
		0	tipping Depth:	2.56	mph					
			ipping Width:	7.08	degrees					
			pping Length:	500.00	feet					
			Dozer Speed:	88.00	feet					
			aneuver Time:	0.25	feet					
			n per unit area:	0.822	acres/hour					
	Job Condition Correction Factors									
	U	nadjusted Hourly Ur	nit Production:	0.822	Acres/hr					
			Site Altitude:	6,700	feet					
			Altitude Adj:	1.00	(CAT HB)					
			ob Efficiency:	0.83	(1 shift/day)					
		N	let Correction:	0.83	multiplier					
		Adjusted Ho	urly Unit Production:	0.68	Acres/hr					
			urly Fleet Production:		Acres/hr					
	JOB TIME AND COST									
	Fleet size:	1 0	Frader(s)	Total job time:	21.99	Hours				
	Unit cost:	\$309.232 F	er acre	Total job cost:	\$4,638.00					

# **DEMOLITION WORK**

	Task descriptio	n: Remov	e and Dispoose of Debris				
Site:	Zellitti Pit		Permit Action: 2014	Inspection	Pe	ermit/Job#: _	M1980246
<u>PROJE</u>	CT IDENTII	<b>FICATION</b>					
Task # Date User:	4/15/2014 KAP		tate: Colorado nty: La Plata e: DRMS		Abbreviat Filena		
UNIT C	<u>OSTS</u>				Location	adjustment	: 91.60 %
	ure or Item cription	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Misc. del wood)	oris (steel &	200 cu. yds.	Loading and 5 mile haul, salvage allowed - Steel frame structures	200.00	CY	\$9.48	\$1,896.00

				<b>Total Cost</b>	
		Subtotal		(adjusted for	
Job Hours:	8.00	(unadjusted):	\$1,909.03	location):	\$1,748.67

25.00

MI

\$0.52

\$13.03

Hauling only, per mile, 12-18 CY truck - 50 mph

average speed

Dump Fee for Debris

200 cu. yds.

### BULLDOZER WORK

Zellitti Pit	Perm	nit Action:	2014 Inspection	Permit/Job#:	M1980246
PROJECT IDENTIF	FICATION				
Task #: 003	State:	Colorado		Abbreviation:	None
Date: 4/15/2014	County:	La Plata		Filename:	M246-003
User: KAP					
Agency or orga	anization name:DR	MS			
HOURLY EQUIPM	ENT COST				
Basic Machine: Ca	at D8T - 8SU				
Horsepower: 31					
1	mi-Universal				
	shank ripper	ina italian ka	2010-10-10-10-10-10-10-10-10-10-10-10-10-		
	per day				
	RG)				
Cost Breakdown:			_		
oot Divardo mit.			Utilization %		
Ownership Cost/Hour:	\$63.00		NA		
Operating Cost/Hour:	\$104.03		100		
Ripper op. Cost/Hour:	\$0.00		0		
Operator Cost/Hour:	\$37.41		NA		
otal unit Cost/Hour:	\$204.45				
	and the second sec				
otal Fleet Cost/Hour:	\$204.45				
otal Fleet Cost/Hour:	\$204.45				
	\$204.45				
otal Fleet Cost/Hour:	\$204.45 FITIES				
Total Fleet Cost/Hour: <b>IATERIAL QUANT</b> Initial Volume:  14,5	\$204.45 FITIES 500				
Total Fleet Cost/Hour: <b>IATERIAL QUANT</b> Initial Volume:  14,5    Swell factor:  1.12	\$204.45 FITIES 500 25				
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3	\$204.45 FITIES 500 25 313 LCY	-			
Total Fleet Cost/Hour: <b>IATERIAL QUANT</b> Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu	\$204.45 FITIES 500 25 513 LCY me: Division o		on, Mining & Safety		
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3	\$204.45 FITIES 500 25 513 LCY me: Division o		on, Mining & Safety		
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu    ource of estimated swel	\$204.45    FITIES    500    25    313 LCY    ume:  Division o    Il factor:  Cat Handb		on, Mining & Safety		
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUCT  1000000000000000000000000000000000000	\$204.45 FITIES 500 25 313 LCY Ime: Division o Il factor: Cat Handb TION		on, Mining & Safety		
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUCT  .verage push distance:	\$204.45      FITIES      500      25      313 LCY      ume:    Division o      Il factor:    Cat Handb      TION    250 feet	ook	on, Mining & Safety		
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUCT  1000000000000000000000000000000000000	\$204.45    FITIES    500    25    313 LCY    ume:  Division o    Il factor:  Cat Handb    TION    250 feet	ook	on, Mining & Safety		
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUCT  .verage push distance:	\$204.45      FITTIES      500      25      313 LCY      ume:    Division o      Il factor:    Cat Handb      TION    250 feet      action:    377.8 LCY/h	r	on, Mining & Safety		
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUCT  .verage push distance:    radjusted hourly produ  Initials consistency destinated volu	\$204.45    FITIES    500    25    313 LCY    ame:  Division o    Il factor:  Cat Handb    TION    action:  250 feet    377.8 LCY/h    scription:  Compace	r			
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUCT  .verage push distance:    nadjusted hourly produ  Iaterials consistency dest    verage push gradient:	\$204.45    FITIES    500    25    313 LCY    ame:  Division o    Il factor:  Cat Handb    TION    action:  250 feet    action:  377.8 LCY/h    scription:  Compac    -5 %	r			
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUCT  .verage push distance:    radjusted hourly produ  Initials consistency destinated volu	\$204.45    FITIES    500    25    313 LCY    ame:  Division o    Il factor:  Cat Handb    TION    action:  250 feet    377.8 LCY/h    scription:  Compace	r			
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUCY    verage push distance:    nadjusted hourly produ    Iaterials consistency des    verage push gradient:    verage site altitude:	\$204.45    FITIES    500    25    313 LCY    ume:  Division o    Il factor:  Cat Handb    TION    action:  377.8 LCY/h    scription:  Compac    -5 %    6,700 feet	r			
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUCT  .verage push distance:    nadjusted hourly produ  Iaterials consistency dest    verage push gradient:	\$204.45    FITIES    500    25    313 LCY    ame:  Division o    Il factor:  Cat Handb    TION    action:  250 feet    action:  377.8 LCY/h    scription:  Compac    -5 %	r			
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUCY    verage push distance:    nadjusted hourly produ    Iaterials consistency des    verage push gradient:    verage site altitude:	\$204.45    FITIES    500    25    313 LCY    ume:  Division o    Il factor:  Cat Handb    TION    action:  377.8 LCY/h    scription:  Compac    -5 %    6,700 feet	r			
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  0urce of estimated swel    IOURLY PRODUCT	\$204.45    FITIES    500    25    313 LCY    ume:  Division o    Il factor:  Cat Handb    TION    action:  377.8 LCY/h    scription:  Compac    -5 %  6,700 feet    2,550 lbs/LCY  Earth - Dry packed	r			
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  ource of estimated swel    IOURLY PRODUC?    verage push distance:    nadjusted hourly produ    Iaterials consistency des    verage push gradient:    verage site altitude:    Iaterial weight:    Zeight description:	\$204.45    FITIES    500    25    313 LCY    ume:  Division o    If factor:  Cat Handb    TION    action:  250 feet    action:  377.8 LCY/h    scription:  Compac    -5 %  6,700 feet    2,550 lbs/LCY  Earth - Dry packed    a Factor  1	r ted fill or en	nbankment 0.9		
Total Fleet Cost/Hour:    Initial Volume:  14,5    Swell factor:  1.12    Loose volume:  16,3    ource of estimated volu  01,0    ource of estimated volu  01,0    ource of estimated swel  1000000000000000000000000000000000000	\$204.45    FITIES    500    25    313 LCY    ume:  Division o    Il factor:  Cat Handb    TION    action:  250 feet    attraction:  377.8 LCY/h    scription:  Compac    -5 %  6,700 feet    2,550 lbs/LCY  Earth - Dry packed    a Factor  Skill:  0.7	r ted fill or er	nbankment 0.9		

Visibility:	1.000	(AVG.)
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:	170.31 LCY/hr	
Adjusted fleet production: 1	170.31 LCY/hr	

# JOB TIME AND COST

1 Dozer(s)
\$1.200/LCY

Total job time:	95.78 Hours
Total job cost:	\$19,582.43

## **DEMOLITION WORK**

	Task description:	Remove an	d Dispoose of D	ebris		
Site:	Zellitti Pit	<u></u> 1	Permit Action:	2014 Inspection	Permit/.	Job#:M1980246
PROJE	ECT IDENTIFICATIO	N				
Task # Date User	: 4/15/2014	State: County:			Abbreviation: Filename:	None M246-004
	Agency or organiz	ation name: _	DRMS			
UNIT C	OSTS				Location adju	<u>stment: 91.60 %</u>

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Misc. debris (steel & wood)	200 cu. yds.	Loading and 5 mile haul, salvage allowed - Steel frame structures	200.00	CY	\$9.48	\$1,896.00
Dump Fee for Debris	200 cu. yds.	Hauling only, per mile, 12-18 CY truck - 50 mph average speed	25.00	MI	\$0.52	\$13.03

				<b>Total Cost</b>	
		Subtotal		(adjusted for	
Job Hours:	8.00	(unadjusted):	\$1,909.03	location):	\$1,748.67

# **REVEGETATION WORK**

Zellitti Pit	Permit A	ction: _2014	4 Inspection	n	Permit/Job#	#: <u>M1980246</u>
PROJECT IDENTIFICATION	ſ					
Task #: 005	- State: Col	orado			Abbreviation:	None
		Plata			Filename:	
User: KAP						
Agency or organization nar	ne: DRMS					
ERTILIZING						
laterials						
Description		Units /	Unit	Cos	t / Unit	Cost /Acre
8-24-24, 10-15-15, 10-20-20		Acre 250.00	pound	\$0.3		\$76.50
02121,101010,102020		250.00	pound			\$70.50
				Tot	al Fertilizer	
					Materials Cost/Acre	\$76.50
pplication						
Description						Cost /Acre
Tractor towed spreader (MEANS 3	2 01 90.13 012	.0)				\$52.71
		Total	Fertilizer	Applicatio	n Cost/Acre	\$52.71
ILLING						
Description						Cost /Acre
Disc harrowing, 6" deep (MEANS						\$98.01
Weed control spraying (MEANS 3	1 31 16.13 3100	0)				\$145.20
			5	Fotal Tillin	g Cost/Acre	\$243.21
EEDING						
				Rate –		
Seed Mix				PLS	Seeds	Cost /Acre

Seed Mix	PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Nespar	3.00	9.71	\$21.24
Pubescent Wheatgrass - Luna	6.75	13.95	\$15.12
Streambank Wheatgrass - Sodar	4.00	13.04	\$16.84
Totals Seed Mix	13.75	36.70	\$53.20

Application

Description	Cost /Acre
Drill seeding (DRMS Cost Data)	\$88.20

# Total Seed Application Cost/Acre \$88.20

#### **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
2.1					\$
		Tot	als Nursery Stoc	ek Cost / Acre	\$0.00

# JOB TIME AND COST

No. of Acres:	15	Cost /Acre:	\$513.82	
Estimated Failure Rate:	25%	Cost /Acre*:	\$513.82	
*Selected Replanting Work Items:	FERTILIZING, TILL	ING,SEEDING		
Initial Job Cost: \$7,707.30				

φ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
\$1,926.83	
\$9,634.13	
20.00	
	\$9,634.13

# EQUIPMENT MOBILIZATION/DEMOBILIZATION

PROJECT IDENTIFICATION    Task #:  006  State:  Colorado  Abbreviation:  None    Date:  4/15/2014  County:  La Plata  Filename:  M246-006    User:  KAP  Agency or organization name:  DRMS    Agency or organization name:  DRMS    EOUIPMENT TRANSPORT RIG COST    Shift basis:  1 per day    Cost Data Source:  CRG Data    Truck Tractor Description:  GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWEJ    A00 HP (2ND HALF, 2006)    Truck Trailer Description:  GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRA (25T, 50T, AND 100T)    Cost Breakdown: <b>Available Rig Capacities</b> 0-25 Tons  26-50 Tons  51+ Tons (25T, 50T, AND 100T)    Ownership Cost/Hour:  \$16.63  \$18.37  \$22.33    Operator Cost/Hour:  \$21.66  \$27.66  \$27.66    ON ROADABLE EQUIPMENT:    Mathematical States  \$125.45  \$125.45    NON ROADABLE EQUIPMENT:    State States <td< th=""><th></th><th>k description Zellitti Pit</th><th></th><th>Permit</th><th>Action: 2014</th><th>Inspection</th><th>P</th><th>ermit/Job#:</th><th>: M1980</th><th>0246</th></td<>		k description Zellitti Pit		Permit	Action: 2014	Inspection	P	ermit/Job#:	: M1980	0246
Date: $4/15/2014$ KAPCounty:La PlataInterventionInterventionAgency or organization name:DRMSShift basis:1 per day Cost Data Source:Cost Data Source:CRG DataTruck Tractor Description:GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWED 400 HP (2ND HALF, 2006)Truck Trailer Description:GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRA 	PR	OJECT ID	ENTIFICAT	ION						
Date: $4/15/2014$ User:County:La PlataIntervention: $1000$ Agency or organization name:DRMSShift basis:1 per day Cost Data Source: $M246-006$ EQUIPMENT TRANSPORT RIG COSTTruck Tractor Description:GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWED 400 HP (2ND HALF, 2006)Truck Trailer Description:GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRA (25T, 50T, AND 100T)Cost Breakdown:Available Rig Capacities0-25 Tons 0 26-50 Tons51+ Tons 0 31.8.37Operating Cost/Hour:\$16.63\$18.37\$22.33Operating Cost/Hour:\$16.63\$18.37\$27.66\$27.66\$27.66Helper Cost/Hour:\$0.00\$25.39Total Unit Cost/Hour:\$88.67\$117.55\$125.45\$0.00DRMS	1	Task #: 00	6	State: (	Colorado		Abb	reviation	None	
User:    KAP      Agency or organization name:    DRMS      EQUIPMENT TRANSPORT RIG COST      Truck Tractor Description:    Shift basis:    1 per day Cost Data Source:      Truck Tractor Description:    GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWEI 400 HP (2ND HALF, 2006)      Truck Trailer Description:    GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRA (25T, 50T, AND 100T)      Cost Breakdown:    Cost Data    Stit State      Available Rig Capacities    0-25 Tons    26-50 Tons    51+ Tons      Ownership Cost/Hour:    \$16.63    \$18.37    \$22.33      Operating Cost/Hour:    \$27.66    \$27.66    \$27.66      Helper Cost/Hour:    \$0.00    \$25.39    \$25.39      Total Unit Cost/Hour:    \$88.67    \$117.55    \$125.45      NON ROADABLE EQUIPMENT:    Sando S125.45    \$188.45    \$125.45    \$0.00      Drill/Broadcast    25.00    \$39.59    \$88.67    \$1    \$128.26    \$88.67    \$0.00			And a second							)06
Shift basis: 1 per day Cost Data Source: CRG Data      Truck Tractor Description:    GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWEL 400 HP (2ND HALF, 2006)      Truck Trailer Description:    GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRA (25T, 50T, AND 100T)      Cost Breakdown:    26-50 Tons    51+ Tons      Ownership Cost/Hour:    \$16.63    \$18.37    \$22.33      Operating Cost/Hour:    \$16.63    \$18.37    \$22.33      Operator Cost/Hour:    \$27.66    \$27.66    \$27.66      Helper Cost/Hour:    \$20.00    \$25.39    \$125.45      NON ROADABLE EQUIPMENT:    \$117.55    \$125.45    \$0.00      Cat D8T - 8SU    \$3.08    \$63.00    \$125.45    \$1    \$188.45    \$125.45    \$0.00				,				i nonunio.		
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$		Agency	or organizatio	n name: DRM	S					
Cost Data Source:    CRG Data      Truck Tractor Description:    GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWER      400 HP (2ND HALF, 2006)    GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRACTOR, 6X4, DIESEL POWER      Truck Trailer Description:    GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRACCST, 50T, AND 100T)      Cost Breakdown:    Cost Data Source:    State S	EQ	UIPMENT	TRANSPOR	RT RIG COST						
Cost Data Source:    CRG Data      Truck Tractor Description:    GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWEI 400 HP (2ND HALF, 2006)      Truck Trailer Description:    GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRA (25T, 50T, AND 100T)      Cost Breakdown:    Cost Breakdown:      Available Rig Capacities    0-25 Tons    26-50 Tons    51+ Tons      Ownership Cost/Hour:    \$16.63    \$18.37    \$22.33      Operating Cost/Hour:    \$44.38    \$46.13    \$50.07      Operator Cost/Hour:    \$27.66    \$27.66    \$27.66      Helper Cost/Hour:    \$0.00    \$25.39    \$25.39      Total Unit Cost/Hour:    \$88.67    \$117.55    \$125.45      NON ROADABLE EQUIPMENT:    \$3.08    \$63.00    \$125.45    \$0.00      Drill/Broadcast    25.00    \$39.59    \$88.67    \$128.26    \$88.67    \$0.00							Shift b	asis:	1 per day	
400 HP (2ND HALF, 2006)    GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRA (25T, 50T, AND 100T)    Cost Breakdown:    Available Rig Capacities  0-25 Tons  26-50 Tons  51+ Tons    Ownership Cost/Hour:  \$16.63  \$18.37  \$22.33  Operating Cost/Hour:  \$16.63  \$18.37  \$22.33    Operator Cost/Hour:  \$16.63  \$18.37  \$22.33  \$50.07  \$0perator Cost/Hour:  \$27.66  \$27.66  \$27.66  \$27.66  \$27.66  \$27.66  \$27.66  \$25.39  \$25.39  \$125.45  \$100  \$25.39  \$25.39  \$125.45  \$100  \$25.39  \$125.45  \$100  \$25.39  \$125.45  \$100  \$25.39  \$125.45  \$100  \$25.39  \$125.45  \$100  \$125.45  \$100  \$125.45  \$100  \$125.45  \$100  \$125.45  \$100  \$125.45  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100  \$100							Cost Data Sor			3
400 HP (2ND HALF, 2006)    GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRA (25T, 50T, AND 100T)    Cost Breakdown:    Available Rig Capacities  0-25 Tons  26-50 Tons  51+ Tons    Ownership Cost/Hour:  \$16.63  \$18.37  \$22.33  Operating Cost/Hour:  \$16.63  \$18.37  \$22.33    Operating Cost/Hour:  \$16.63  \$18.37  \$22.33  \$50.07  \$0perating Cost/Hour:  \$27.66  \$27.66  \$27.66  \$27.66  \$27.66  \$27.66  \$27.66  \$25.39  \$25.39  \$125.45  \$100  \$25.39  \$25.39  \$125.45  \$100  \$25.39  \$125.45  \$100  \$27.65  \$125.45  \$100  \$25.39  \$125.45  \$100  \$27.65  \$125.45  \$100  \$125.45  \$100  \$125.45  \$100  <		True	k Tractor Dec	rintion: CEN	JEDIC ON LUCI	IWAN TO				
Truck Trailer Description:  GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRA (25T, 50T, AND 100T)    Cost Breakdown:    Available Rig Capacities  0-25 Tons  26-50 Tons  51+ Tons    Ownership Cost/Hour:  \$16.63  \$18.37  \$22.33    Operating Cost/Hour:  \$16.63  \$18.37  \$22.33    Operating Cost/Hour:  \$27.66  \$27.66    Helper Cost/Hour:  \$27.66  \$27.66    Helper Cost/Hour:  \$0.00  \$25.39    Total Unit Cost/Hour:  \$88.67  \$117.55    NON ROADABLE EQUIPMENT:  Solo  \$125.45  \$10.00    Cat D8T - 8SU  \$3.08  \$63.00  \$125.45  \$128.45  \$125.45  \$0.00    Drill/Broadcast  25.00  \$39.59  \$88.67  1  \$128.26  \$88.67  \$0.00		iiuc	K Hactor Dest	der	VERIC ON-HIGP				JIESEL P	OWERED,
(25T, 50T, AND 100T)    Cost Breakdown:    Available Rig Capacities  0-25 Tons  26-50 Tons  51+ Tons    Ownership Cost/Hour:  \$16.63  \$18.37  \$22.33    Operating Cost/Hour:  \$44.38  \$46.13  \$50.07    Operator Cost/Hour:  \$27.66  \$27.66  \$27.66    Helper Cost/Hour:  \$0.00  \$25.39  \$25.39    Total Unit Cost/Hour:  \$88.67  \$117.55  \$125.45    NON ROADABLE EQUIPMENT:  Cat D8T - 8SU  \$3.08  \$63.00  \$125.45  \$188.45  \$125.45  \$0.00    Drill/Broadcast  25.00  \$39.59  \$88.67  1  \$128.26  \$88.67  \$0.00		Tru	ck Trailer Desc	ription: GEN	FRIC FOLDING				UDM CNI	
Cost Breakdown:      Available Rig Capacities    0-25 Tons    26-50 Tons    51+ Tons      Ownership Cost/Hour:    \$16.63    \$18.37    \$22.33      Operating Cost/Hour:    \$44.38    \$46.13    \$50.07      Operator Cost/Hour:    \$27.66    \$27.66      Helper Cost/Hour:    \$25.39    \$25.39      Total Unit Cost/Hour:    \$88.67    \$117.55    \$125.45      NON ROADABLE EQUIPMENT:    Cat D8T - 8SU    \$3.08    \$63.00    \$125.45    \$188.45    \$125.45    \$0.00      Drill/Broadcast    25.00    \$39.59    \$88.67    1    \$128.26    \$88.67    \$0.00								I IKAILER		
Available Rig Capacities    0-25 Tons    26-50 Tons    51+ Tons      Ownership Cost/Hour:    \$16.63    \$18.37    \$22.33      Operating Cost/Hour:    \$44.38    \$46.13    \$50.07      Operator Cost/Hour:    \$27.66    \$27.66    \$27.66      Helper Cost/Hour:    \$0.00    \$25.39    \$25.39      Total Unit Cost/Hour:    \$88.67    \$117.55    \$125.45      NON ROADABLE EQUIPMENT:    Cat D8T - 8SU    \$3.08    \$63.00    \$125.45    \$188.45    \$125.45    \$0.00      Drill/Broadcast    25.00    \$39.59    \$88.67    1    \$128.26    \$88.67    \$0.00						(251	, 501, 1110 1	001)		
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Operating Cost/Hour:  \$44.38  \$46.13  \$50.07    Operator Cost/Hour:  \$27.66  \$27.66  \$27.66    Helper Cost/Hour:  \$0.00  \$25.39  \$25.39    Total Unit Cost/Hour:  \$88.67  \$117.55  \$125.45    NON ROADABLE EQUIPMENT:  Cat D8T - 8SU  \$3.08  \$63.00  \$125.45  \$125.45  \$0.00    Drill/Broadcast  25.00  \$39.59  \$88.67  1  \$128.26  \$88.67  \$0.00										
Helper Cost/Hour:  \$0.00  \$25.39  \$25.39    Total Unit Cost/Hour:  \$88.67  \$117.55  \$125.45    NON ROADABLE EQUIPMENT:  Cat D8T - 8SU  53.08  \$63.00  \$125.45  1  \$188.45  \$125.45    Drill/Broadcast  25.00  \$39.59  \$88.67  1  \$128.26  \$88.67  \$0.00		Operating	g Cost/Hour:	\$44.38	\$46.13					
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Cat D8T - 8SU    53.08    \$63.00    \$125.45    1    \$188.45    \$125.45    \$0.00      Drill/Broadcast    25.00    \$39.59    \$88.67    1    \$128.26    \$88.67    \$0.00		Total Uni	t Cost/Hour:	\$88.67	\$117.55	\$1	25.45			
Cat D8T - 8SU    53.08    \$63.00    \$125.45    1    \$188.45    \$125.45    \$0.00      Drill/Broadcast    25.00    \$39.59    \$88.67    1    \$128.26    \$88.67    \$0.00							4975			
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φι										
				\$39.39		1	\$120.20	\$88.67		20.00
	1022/00									
Subtotals: \$316.71 \$214.12 \$0.00					c	Subtotals.	\$316.71	\$214	12	\$0.00
Subiolais. 5510./1 5214.12 50.00					1	nuororais.	0010./1		14	30.00

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.	\$15.34	1	\$15.34	\$15.34
		Subtotals:	\$15.34	\$15.34

#### **EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	DURANGO	
Total one-way travel distance:	10.00	miles
Average Travel Speed:	30.00	mph
Total Non-Roadable Mob/Demob Cost *	\$987.31	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$10.23	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.33	0.33
Return Time (Hours):	0.33	0.33
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.67	0.67

### JOB TIME AND COST

Total job time: 3.33 Hours

Total job cost: \$997.54