September 7, 2016

Julie Sevier Wayne Brantley Pioneer Sand Company, Inc. P.O. Box 7650 Colorado Springs, CO 80933



1313 Sherman Street, Room 215 Denver, CO 80203

RE: Rock Pit Mine, Permit No. M-1985-082, Reclamation Costs Update and Notice of Surety Increase (SI-2)

Dear Ms. Sevier and Mr. Brantley:

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).

Division calculations estimate the cost to reclaim the above referenced site to be \$14,438 rounded up from \$14,437.70. This is an increase of \$3,638 over the \$10,800 currently held by the Division. This estimate is based on conditions observed during the May 10, 2016 inspection. Therefore, pursuant to Section 34–32.5–117(4) of the Colorado Land Reclamation Act, adequate Financial Warranty must be submitted to the Division within 60 days of the mailing date of this letter. The additional amount needs to be accepted prior to Monday, November 07, 2016. Please review the enclosed figures as soon as possible and contact our office if any calculation errors are noted.

It is noted that in the inspection report dated May 19, 2016 the Division delayed issuing a surety increase in lieu of beginning final reclamation. The Division stated that if reclamation begun in 2016 that we would consider the bond amount of \$10,800 adequate. On August 30, 2016 the Division received a temporary cessation (TC) request. Prior to considering the TC request per the Act adequate bond must be posted. If a succession of operator (SO) request is submitted the successive operator would be required to post the required financial warranty amount. Please submit the SO request as soon as possible to allow the Division time to process the request and allow for the new operator to post the required bond amount of \$14,438 prior to the November 7, 2016 due date. If an SO is not possible, then Pioneer will need to submit the increase by the due date.

Please make arrangements with Barbara Coria at the Division of Reclamation, Mining and Safety Denver Office, phone no. 303.866.3567, ext. 8148 for submittal of the financial warranty. Any questions regarding completion, execution and/or submittal of financial warranty forms should also be directed to Barbara Coria.

If you require additional information, or have questions or concerns, please feel free to contact me. Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us



Sincerely,

Amy Geldell

Amy Yeldell

Environmental Protection Specialist Department of Natural Resources Division of Reclamation, Mining and Safety

Phone: (970) 254-8511

Ec: Russ Means, Senior EPS, Grand Junction DRMS

Enc: Financial Warranty Cost Estimate

COST SUMMARY WORK

ite: Rock Pit Mine		Pei	rmit Action: 2016-05	Permit/Jol	o#: <u>M1985082</u>
PROJECT	IDENTIFI	<u>CATION</u>			
Task #:	000	State:	Colorado	Abbreviation:	None
Date:	5/16/2016 ACY	County:	Moffat	Filename:	M082-000

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Highwall reduction	DOZER	1	7.14	\$1,216.00
02a	Rip bench area	RIPPER	1	2.02	\$352.00
03a	Distribute topsoil	DOZER	1	6.05	\$969.00
04a	Revegetate disturbed area	REVEGE	1	8.00	\$4,251.00
05a	Initial mobilize reclamation crew and equipment	MOBILIZE	1	2.66	\$2,582.00
06a	Secondary mobilize reclamation crew and equipment	MOBILIZE	1	2.66	\$1,595.00
		28.53	\$10,965		

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02 Total = \$221.49 Performance bond: 1.05 Total = \$115.13 Total = Job superintendent: 11.76 \$875.88 Profit: 10.00 Total = \$1,096.50

TOTAL O & P = \$2,309.00

CONTRACT AMOUNT (direct + O & P) = $\boxed{\$13,274.00}$

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): 500.00 Total = 500.00

Engineering work and/or contract/bid preparation: 0.00 Total = \$0.00

Reclamation management and/or administration: 5.00 \$663.70

CONTINGENCY: 0.00 Total = \$0.00

TOTAL INDIRECT COST = \$3,472.70

TOTAL BOND AMOUNT (direct + indirect) = \$14,437.70

BULLDOZER WORK

Task description:	Highw	all reduction			
: Rock Pit Mine		Permit Action:	2016-05	Permit/Job#:	M1985082
PROJECT IDEN	<u>TIFICATIO</u>	<u>N</u>			
Task #: 01A		State: Colorado		Abbreviation:	None
Date: 5/16/20	016	County: Moffat		Filename:	M082-01a
User: ACY				-	
Agency or o	organization n	ame: DRMS			
HOURLY EQUIP	PMENT COS	<u>ST</u>			
Basic Machine:	Cat D8T - 8U	T			
Horsepower:	305	<u>, </u>	<u> </u>		
Blade Type:	Universal		<u>—</u>		
Attachment:	3-shank rippe	er			
Shift Basis:	1 per day		_		
Data Source:	(CRG)				
Cost Breakdown:					
Cost Dicardowii.			<u>Utilization %</u>		
Ownership Cost/Ho	our:	\$52.86	NA		
Operating Cost/Ho		\$68.35	100		
Ripper own. Cost/Ho		\$8.40	NA		
Ripper op. Cost/Ho		\$1.69	30		
Operator Cost/Ho	our:	\$38.89	NA		
	0150 11				
Total unit Cost/Hour					
Total Fleet Cost/Hou	ır: \$170.1 9)			
MATERIAL QUA	ANTITIES				
	4,167				
	1.165				
Loose volume:	4,855 LCY				
Source of estimated v	volume:	Division of Reclamati	ion Mining & Safety		
Source of estimated s		Cat Handbook	ion, mining ee surety		
HOURLY PROD					
11001111102	UCTION				
Average push distance	ce: 6	50 feet			
Average push distand Unadjusted hourly pr	ce: 6				
	ce: 6	50 feet	mbankment 0.9		
Unadjusted hourly properties of Materials consistency. Average push gradient	ce: 6 roduction: 1 y description: nt: -15 %	50 feet 1,438.4 LCY/hr _Compacted fill or e	mbankment 0.9		
Unadjusted hourly promote Materials consistency Average push gradier Average site altitude.	ce: 6 roduction: 1 y description: nt: -15 % : 6,450 fe	50 feet 1,438.4 LCY/hr Compacted fill or e	mbankment 0.9		
Unadjusted hourly properties of Materials consistency. Average push gradient	ce: 6 roduction: 1 y description: nt: -15 %	50 feet 1,438.4 LCY/hr Compacted fill or e	mbankment 0.9		
Unadjusted hourly promote Materials consistency Average push gradier Average site altitude.	ce: 6 roduction: 1 y description: nt: -15 % 6,450 fo 2,900 lb	50 feet 1,438.4 LCY/hr Compacted fill or e			
Unadjusted hourly properties of the Materials consistency. Average push gradies Average site altitudes. Material weight:	ce: 6 roduction: 1 y description: nt: -15 % 6,450 fc 2,900 ll Decom	50 feet 1,438.4 LCY/hr Compacted fill or e			
Unadjusted hourly promote Materials consistency Average push gradient Average site altitude. Material weight: Weight description: Job Condition Correct	ce: 6 roduction: 1 y description: nt: -15 % 6,450 fc 2,900 ll Decom	50 feet 1,438.4 LCY/hr Compacted fill or e	, 50% Earth		
Unadjusted hourly promote Materials consistency Average push gradient Average site altitude. Material weight: Weight description: Job Condition Correct	ce: 6 roduction: 1 y description: nt: -15 %	50 feet 1,438.4 LCY/hr Compacted fill or e eet ps/LCY posed rock - 50% Rock	, 50% Earth <u>Source</u>		
Unadjusted hourly properties of the Materials consistency. Average push gradient Average site altitude. Material weight: Weight description: Job Condition Correct Operation Material control Dozing	ce: 6 roduction: 1 y description: nt: -15 %	50 feet 1,438.4 LCY/hr Compacted fill or e eet ps/LCY posed rock - 50% Rock 0.750	, 50% Earth Source (AVG.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4724

Adjusted unit production: 679.50 LCY/hr
Adjusted fleet production: 679.5 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.250/LCY

Total job time: 7.14 Hours \$1,216

BULLDOZER RIPPING WORK

	Task description:	_Rip b	ench area					
Site	Rock Pit Mine	2	Permit Action:	2016-05	Per	rmit/Job#:	M1985082	2
	PROJECT IDI	ENTIFICATION ENTIF	<u>ON</u>					
	Task #: 02A	A	State: Colorado		Abbre	eviation:	None	
		6/2016	County: Moffat			ilename:	M082-02a	
	User: AC	ĽΥ				·		
	Agency	or organization	name: DRMS					<u>—</u>
	HOURLY EQ	UIPMENT CO	<u>OST</u>					
	Basic 1	Machine: Cat	D8T - 8U		Horsepower:	3	305	
	Ripper Att	achment: 3-Sl	nank Ripper		Shift Basis:		er day	<u> </u>
					Data Source:	(C	CRG)	
	Cost Breakdown:							
				***	Utilization %			
		Ownership Co		\$52.86	NA 100			
	Rinne	Operating Co er Ownership Co		\$68.35 \$8.40	100 NA			
		per Operating Co		\$5.62	100			
	тарь	Operator Co		\$38.89	NA			
		Total Unit Co		\$174.12				
		Total Fleet Co	st/Hour: \$17	4.12				
	MATERIAL Q	UANTITIES			g method: Area			
	Alternate Method		Sei	ceted estimating	s method: Thed			
Seismic:	NA NA	. <u></u>	Bank Volume:	NA	BCY		NA	
Area:	1.00	acres	Rip Depth (ft):	2.00		,227		BCY or CCY
		Source of estin	nated quantity: Site m	ap	<u> </u>			
	HOURLY PRO		· · · · · · · · · · · · · · · · · · ·	1				_
	Seismic:	<u> </u>						
	<u>Seisinic.</u>	S	eismic Velocity:	NA	feet/seco	nd		
	A							
	Area:	Average	e Ripping Depth:	2.56	mnh			
			Ripping Width:	7.08	mph degrees			
			Ripping Length:	50.00	feet			
			ge Dozer Speed:	88.00	feet			
			Maneuver Time:	0.25	feet			
		Product	ion per unit area:	0.596	acres/hou	ır		
	Job Condition Co	orrection Factors						
	Un	adjusted Hourly	Unit Production:	0.596	Acres/hr			
			Site Altitude:	6,450	feet			
			Altitude Adj:	1.00	(CAT HI	3)		
			Job Efficiency:	0.83	(1 shift/d	•		
			Net Correction:	0.83	multiplie	r		
		Adjusted l	Hourly Unit Production:	0.49	Acres/hr			
		Adjusted I	Hourly Fleet Production:	0.49	Acres/hr			
	JOB TIME AN	ND COST						
	Fleet size:	1	Grader(s)	Total job tim	ne: 2	.02	Hou	rs
	Unit cost:	\$352.009	Per acre	Total job co	est:\$.	352		

BULLDOZER WORK

Task description:	Distribute topsoil			
e: Rock Pit Mine	Permit Action:	2016-05	Permit/Job#:	M1985082
PROJECT IDENTIFI	<u>ICATION</u>			
Task #: 03A	State: Colorado		Abbreviation:	None
Date: 5/16/2016	County: Moffat		Filename:	M082-03a
User: ACY				
Agency or organ	nization name: DRMS			
HOURLY EQUIPME	ENT COST			
Basic Machine: Cat	D8T - 8U			
Horsepower: 305				
	versal			
Attachment: NA		<u> </u>		
Shift Basis: 1 pe	er day			
Data Source: (CF	RG)			
Cost Breakdown:				
Cost Divardown.		Utilization %		
Ownership Cost/Hour:	\$52.86	NA		
Operating Cost/Hour:	\$68.35	100		
Ripper own. Cost/Hour:	\$0.00	NA		
Ripper op. Cost/Hour:	\$0.00	0		
Operator Cost/Hour:	\$38.89	NA		
Total Fleet Cost/Hour:	\$160.10			
MATERIAL QUANT	<u>TITIES</u>			
Initial Volume: 3,22	7			
Swell factor: 1.00				
Loose volume: 3,22	7 LCY			
Source of estimated volumes Source of estimated swell	<u>L</u>			
HOURLY PRODUCT	<u>rion</u>			
Average push distance: Unadjusted hourly produc	100 feet 931.6 LCY/hr			
Materials consistency des	cription: Loose stockpile 1.2			
Average push gradient: Average site altitude:	15 % 6,450 feet			
Material weight:	1,600 lbs/LCY		_	
Weight description:	Top Soil			
Job Condition Correction		Source		
Operator S		(AVG.)		
Material consiste		(CAT HB)		
Dozing me		(GEN.)		
Visib	ility: 1.000	(AVG.)		

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	0.666	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.438	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5723

Adjusted unit production: 533.15 LCY/hr
Adjusted fleet production: 533.15 LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.300/LCY

Total job time: 6.05 Hours
Total job cost: \$969

REVEGETATION WORK

	it Mine	Permit Action: 2016-05 Permit/Job#				t: <u>M1985082</u>	
OJEC'	T IDENTIFICAT	ION					
Task #		State:	Colorado		Ah	breviation:	None
Date		County:	Moffat			Filename:	M082-04a
User		_	11101141			_	111002 0 14
A	gency or organization	on name: DF	RMS				
ERTILI	ZING						
aterials	<u> </u>						
			Units /				
Descrip	otion		Acre	Unit	Cos	st / Unit	Cost /Acre
					\$		\$
					To	tal Fertilizer	
						Materials	\$0.00
						Cost/Acre	\$0.00
							Φ.
							\$
			Total	l Fertilizer	Application	on Cost/Acre	\$0.00
LLING	<u>.</u>		Total	l Fertilizer	Application	on Cost/Acre	
			Total	l Fertilizer	Application	on Cost/Acre	\$0.00
LLING Descrip	otion	EANS 32 91 1		l Fertilizer	Application	on Cost/Acre	\$0.00 Cost /Acre
Descrip		IEANS 32 91 1		l Fertilizer	Application	on Cost/Acre	\$0.00
Descrip	otion	EANS 32 91 1				on Cost/Acre	\$0.00 Cost /Acre
Descrip Disc har	otion rrowing, 6" deep (M	IEANS 32 91 1					\$0.00 Cost /Acre \$107.59
Descrip Disc har	otion rrowing, 6" deep (M	EANS 32 91 1				ng Cost/Acre	\$0.00 Cost /Acre \$107.59 \$107.59
Descrip Disc har	otion rrowing, 6" deep (M	EANS 32 91 1			Гotal Tillir	ng Cost/Acre	\$0.00 Cost /Acre \$107.59
Descrip Disc har	otion rrowing, 6" deep (M	EANS 32 91 1			Rate – PLS LBS /	ng Cost/Acre	\$0.00 Cost /Acre \$107.59 \$107.59
Descrip Disc har	otion rrowing, 6" deep (M				Rate – PLS LBS / Acre	Seeds per SQ. FT	\$0.00 Cost /Acre \$107.59 \$107.59 Cost /Acre
Descrip Disc har EDING Seed M	otion rrowing, 6" deep (M				Rate – PLS LBS / Acre 3.00	Seeds per SQ. FT	\$0.00 Cost /Acre \$107.59 \$107.59 Cost /Acre
Descrip Disc har EEDING Seed M Bluebur Indian F	otion rrowing, 6" deep (M ix nch Wheatgrass - Se Ricegrass - Native	car			Rate – PLS LBS / Acre 3.00 2.00	Seeds per SQ. FT 9.64 6.47	\$0.00 Cost /Acre \$107.59 \$107.59 Cost /Acre \$20.55 \$13.50
Descrip Disc har EEDING Seed M Bluebur Indian F Western	otion rrowing, 6" deep (M ix nch Wheatgrass - Se Ricegrass - Native n Wheatgrass - Native	car ve			Rate – PLS LBS / Acre 3.00 2.00 3.50	Seeds per SQ. FT 9.64 6.47 8.84	\$0.00 Cost /Acre \$107.59 \$107.59 Cost /Acre \$20.55 \$13.50 \$10.68
Descrip Disc har EEDING Seed M Bluebur Indian F Western Needleg	otion rrowing, 6" deep (M ix nch Wheatgrass - Se Ricegrass - Native n Wheatgrass - Native n Wheatgrass - Lodor	car ve			Rate – PLS LBS / Acre 3.00 2.00 3.50 2.50	Seeds per SQ. FT 9.64 6.47 8.84 10.39	\$0.00 Cost /Acre \$107.59 \$107.59 Cost /Acre \$20.55 \$13.50 \$10.68 \$13.50
Descrip Disc har EDING Seed M Bluebur Indian F Western Needleg	otion rrowing, 6" deep (M ix nch Wheatgrass - Se Ricegrass - Native n Wheatgrass - Native	car ve			Rate – PLS LBS / Acre 3.00 2.00 3.50	Seeds per SQ. FT 9.64 6.47 8.84	\$0.00 Cost /Acre \$107.59 \$107.59 Cost /Acre \$20.55 \$13.50 \$10.68
Descrip Disc har EDING Seed M Bluebur Indian F Westerr Needleg	otion rrowing, 6" deep (M ix nch Wheatgrass - Se Ricegrass - Native n Wheatgrass - Native n Wheatgrass - Lodor	car ve	3.23 6100)		Rate – PLS LBS / Acre 3.00 2.00 3.50 2.50	Seeds per SQ. FT 9.64 6.47 8.84 10.39	\$0.00 Cost /Acre \$107.59 \$107.59 Cost /Acre \$20.55 \$13.50 \$10.68 \$13.50

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
Herbicide - 2,4D @ 1.0 pt/ac	1.00	ACRE	\$1.25	\$1.25
Straw, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$246.00	\$492.00
Total Mulch Materials Cost/Acre				\$493.25

Application

Description		Cost /Acre
Crimping, with tractor {DMG survey data}		\$66.02
Power mulcher (MEANS 32 91 13.16 0350)		\$97.14
Weed spray, truck, non-aquatic area, nox. [DMG]		\$62.72
	Total Mulch Application Cost/Acre	\$225.88

NURSERY STOCK PLANTING

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

JOB TIME AND COST

No. of Acres:	3	Cost /Acre:	\$1,133.50	
Estimated Failure Rate:	25%	Cost /Acre*:	\$1,133.50	

*Selected Replanting Work Items: TILLING, SEEDING, MULCHING

Initial Job Cost: \$3,400.50

Reseeding Job Cost: \$850.13

Total Job Cost: Job Hours: \$8.00

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description:	Initial mobilize rec	lamation crew a	and equipment		
ite: Rock Pit Mine	Permi	t Action: 2016	5-05	Permit/Job	o#: M1985082
PROJECT IDENTIFIC	<u>ATION</u>				
Task #: 05A Date: 5/16/2016 User: ACY		Colorado Moffat		Abbreviation: Filename:	None M082-05a
Agency or organiz	zation name: DRM	S			
EQUIPMENT TRANSF	PORT RIG COST				
			Sh Cost Data		l per day CRG Data
Truck Tractor	Description: GEN	ERIC ON-HIGH	IWAY TRUCK TRA 400 HP (2ND HA		DIESEL POWERED,
Truck Trailer	Description:		DING GOOSENECH TRAILER (25T, 50		K EQUIPMENT
Cost Breakdown:					
Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons		
Ownership Cost/Ho		\$18.37	\$22.33	<u></u>	
Operating Cost/Ho		\$46.13	\$50.07		
Operator Cost/Ho		\$27.66	\$27.66		
Helper Cost/Ho	ur: \$0.00	\$25.39	\$25.39	<u></u>	
Total Unit Cost/Ho	ur: \$88.67	\$117.55	\$125.45		

NON ROADABLE EQUIPMENT:

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)		t		fleet		
Cat D8T - 8U	53.70	\$65.28	\$125.45	1	\$190.73	\$125.45	\$250.00
Drill/Broadcast Seeder with	25.00	\$39.59	\$88.67	1	\$128.26	\$88.67	\$250.00
Tractor							
Power Mulcher (Reinco M90)	6.00	\$6.72	\$88.67	1	\$95.39	\$88.67	\$250.00

Subtotals: \$414.38 \$302.79 \$750.00

ROADABLE EQUIPMENT:

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Light Duty Pickup, 4x4, 1 T. Crew	\$42.14	1	\$42.14	\$42.14

Subtotals	\$42.14	\$42.14

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

CRAIG

miles

30.00

mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.17	0.17
Return Time (Hours):	0.17	0.17
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.33	0.33

JOB TIME AND COST

Total job cost: 2.67 Hours

Total job cost: \$2,582

EQUIPMENT MOBILIZATION/DEMOBILIZATION

Task description: Secondary mobilize reclamation crew and equipment					
Site: Rock Pit Mine	Permi	t Action: 2016-0	5	Permit/Job#:	M1985082
PROJECT IDENTIFICATI	<u>ION</u>				
Task #: 06A Date: 5/16/2016 User: ACY		Colorado Moffat	A		one I082-06a
Agency or organization	n name: DRM	S			
EQUIPMENT TRANSPOR		ERIC ON-HIGHW	Shif Cost Data S AY TRUCK TRAC 400 HP (2ND HA	Source: CRC	er day 3 Data SSEL POWERED,
Truck Trailer Desc	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:	\$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:

Machine	Weight/	Owner ship	Haul Rig	Fleet	Haul Trip	Return Trip	DOT Permit
Description	Unit	Cost/hr/ unit	Cost/hr/uni	Size	Cost/hr/	Cost/hr/ fleet	Cost/ fleet
	(TONS)		t		fleet		
Drill/Broadcast	25.00	\$39.59	\$88.67	1	\$128.26	\$88.67	\$250.00
Seeder with							
Tractor							
Power Mulcher	6.00	\$6.72	\$88.67	1	\$95.39	\$88.67	\$250.00
(Reinco M90)							

Subtotals: \$223.65 \$177.34 \$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, 1 T. Crew	\$42.14	1	\$42.14	\$42.14

Subtotals:	\$42.14	\$42.14	
Subtotais:	342.14	542.14	

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region:

Total one-way travel distance:

Average Travel Speed:

CRAIG

miles

30.00

mph

Transportation Cycle Time:

	Non-	
	Roadable	Roadable
	Equipment	Equipment
Haul Time (Hours):	0.17	0.17
Return Time (Hours):	0.17	0.17
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.33	0.33

JOB TIME AND COST

Total job cost: 2.67 Hours

Total job cost: \$1,595