

August 8, 2016

Jay Wagner
Wagner Construction, Inc.
1850 E 1st St
Craig, CO 81625



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

1313 Sherman Street, Room 215
Denver, CO 80203

RE: Wagner Rock Pit, Permit No. M-1999-018, Reclamation Costs Update and Notice of Surety Increase (SI-2)

Dear Mr. Wagner:

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 \$35,341 rounded up from \$35,340.60. This is an increase of \$21,336 over the \$14,005 currently held by the Division. This estimate is based on conditions observed during the July 19, 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 **Friday, October 07, 2016**. Please review the enclosed figures as soon as possible and contact our office if any calculation errors are noted.

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 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



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1313 Sherman Street, Room 215
Denver, CO 80203

RE: Wagner Rock Pit, Permit No. M-1999-018, Explanation of Surety Increase (SI-2)

Dear Mr. Wagner:

On July 19, 2016 the Division of Reclamation Mining and Safety Inspected the above mentioned site. The last surety increase was issued in 2010 for a total bond amount of \$ 14,005 to be held. Making no changes and simply updating the 2010 calculation resulted in a \$10,000 increase.

Below is a table summarizing input values that were changed/updated as compared to the 2010 calculations. Changes were based off of field observations and the requirements of the approved reclamation plan including changes made under TR-1.

This table does not account for price changes resulting from inflation or other RS Means cost changes. Bond calculations are based on a combination of field observations and worst case scenario based on the approved reclamation permit.

Task	Form Used	Change	Justification
01a	Demolition	+	No input value changes
02a	Dozer	+	Volumes from 2010 calculations remain the same. A D10 Dozer is impractical for such a small site. Changed equipment to a D9
02b	Ripper	+	Soil under stockpiles will be highly compacted and require ripping. Added, not previously accounted for, estimated approximate 3 ac.
03a	Dozer	+	Under TR-1 maximum disturbance was increased to 6 ac. Based on field estimates it appears that more than 6 acres may be affected and will require reclamation. Will use 6 ac.
04a	Reveg	+	TR-1 maximum disturbance was increased to 6 ac. Based on field estimates it appears that more than 6 acres may be affected and will require reclamation. Will use 6 ac
04a	Reveg	+	No tilling of soil originally accounted for, added dick harrow
04a	Reveg	-	Decreased hours required for seeding 40 hrs to 20 hrs



06a	Reveg	+	Based on inspection we'd treatments will be necessary throughout reclamation
05a	Mobilization	+	Revegetation equipment not accounted for. Added drill seeder and tractor combo and power mulcher
05a	Mobilization	+	Smaller dozer cheaper to mobilize
05b	Mobilization	+	Secondary mobilization needed for secondary seeding
Indirect			No changes. Note no superintendent hours factored in.

Please feel free to contact me with any further questions. 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 Yeldell

Environmental Protection Specialist
Department of Natural Resources
Division of Reclamation, Mining and Safety
Phone: (970) 254-8511
Fax: (970) 241-1516

Ec:
Russ Means, Senior EPS, Grand Junction DRMS

COST SUMMARY WORK

Task description: Estimate based on 7-19-16 inspection

Site: Wagner Rock

Permit Action: 2016-07

Permit/Job#: M1999018

PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 8/4/2016

County: Moffat

Filename: M018-ACY

User: ACY

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Demolition of scale house	DEMOLISH	1	8.00	\$441.59
02a	Grade north slope to 3H:1V; backfill pit to create level	DOZER	1	59.95	\$14,385.00
02b	Rip compacted stockpile areas approx. 3 ac	RIPPER	1	4.74	\$1,220.00
03a	Topsoil application over 6 acres (see TR-1)	DOZER	1	4.53	\$1,158.00
04a	Revegetation of 6 acres (See TR-1)	REVEGE	1	20.00	\$7,965.00
05a	Initial mobilization of crew and equipment	MOBILIZE	1	2.57	\$2,623.00
05b	Secondary mobilization of crew and equipment	MOBILIZE	1	2.57	\$1,553.00
<u>SUBTOTALS:</u>				102.36	\$29,346

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$592.79

Performance bond: 1.05

Total = \$308.13

Job superintendent: 0.00

Total = \$0.00

Profit: 10.00

Total = \$2,934.60

TOTAL O & P = \$3,835.52

CONTRACT AMOUNT (direct + O & P) = \$33,181.52

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

\$1,659.08

CONTINGENCY: 0.00

Total = \$0.00

TOTAL INDIRECT COST = \$5,994.60

TOTAL BOND AMOUNT (direct + indirect) = \$35,340.60

DEMOLITION WORK

Task description: Demolition of scale house

Site: Wagner Rock

Permit Action: 2016-07

Permit/Job#: M1999018

PROJECT IDENTIFICATION

Task #: 01A

State: Colorado

Abbreviation: None

Date: 8/4/2016

County: Moffat

Filename: M018-01a

User: ACY

Agency or organization name: DRMS

UNIT COSTS

Location adjustment: 95.50 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Scale house	8x10x20	Push demolished materials/rubble/debris into pit - Max. 50 ft. push	1,600.00	CY	\$0.29	\$462.40

Job Hours: 8.00

Subtotal
(unadjusted): \$462.40

Total Cost
(adjusted for location): \$441.59

BULLDOZER WORKTask description: Grade north slope to 3H:1V; backfill pit to create levelSite: Wagner Rock Permit Action: 2016-07 Permit/Job#: M1999018**PROJECT IDENTIFICATION**

Task #: 02A State: Colorado Abbreviation: None
 Date: 8/4/2016 County: Moffat Filename: M018-02a
 User: ACY

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

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

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$97.48</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$103.60</u>	<u>100</u>
Ripper own. Cost/Hour:	<u>\$0.00</u>	<u>NA</u>
Ripper op. Cost/Hour:	<u>\$0.00</u>	<u>0</u>
Operator Cost/Hour:	<u>\$38.89</u>	<u>NA</u>

Total unit Cost/Hour: \$239.97
 Total Fleet Cost/Hour: **\$239.97**

MATERIAL QUANTITIES

Initial Volume: 45,370
 Swell factor: 1.000
 Loose volume: **45,370 LCY**

Source of estimated volume: 2010 volumes still accurate, see attached
 Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 60 feet
 Unadjusted hourly production: 1,872.0 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: 0 %
 Average site altitude: 6,485 feet

Material weight: 2,550 lbs/LCYWeight description: Earth - Dry packed

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

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.800	(FND-RF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4043

Adjusted unit production: 756.85 LCY/hr

Adjusted fleet production: **756.85** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

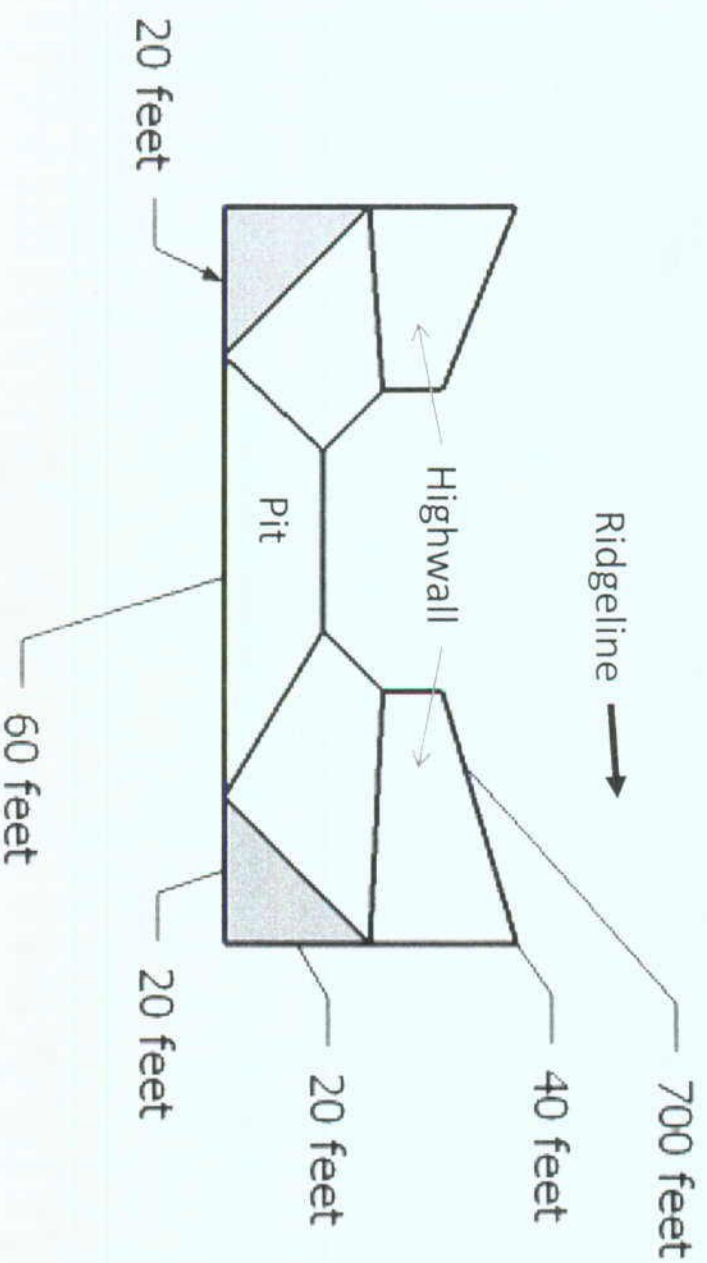
Unit cost: \$0.317/LCY

Total job time: **59.95** Hours

Total job cost: **\$14,385**

Approximate pit dimensions derived from observations made during a June 2010 inspection and annual reports submitted by the operator. The maximum mining depth allowed by DRMS permit M-1999-018 is 40 feet, pursuant to TR1.

Pit is approximately 40 ft. depth X 100 ft. wide X 700 ft. length.
Bottom 20 ft. of pit is sloped at approximately 1H:1V.
Top 20 ft. is near vertical.

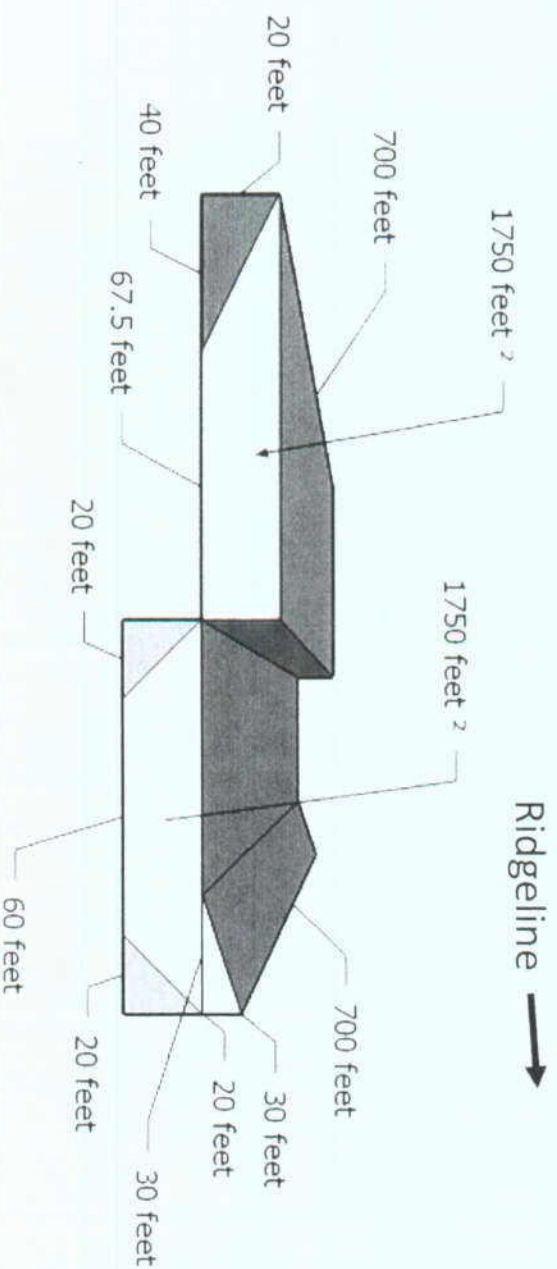


Per the approved reclamation plan the reclaimed southwest facing slope on the north side of the pit must be graded to 3H:1V, and a level area created southwest of the pit. All other slopes are to be graded to 2H:1V.

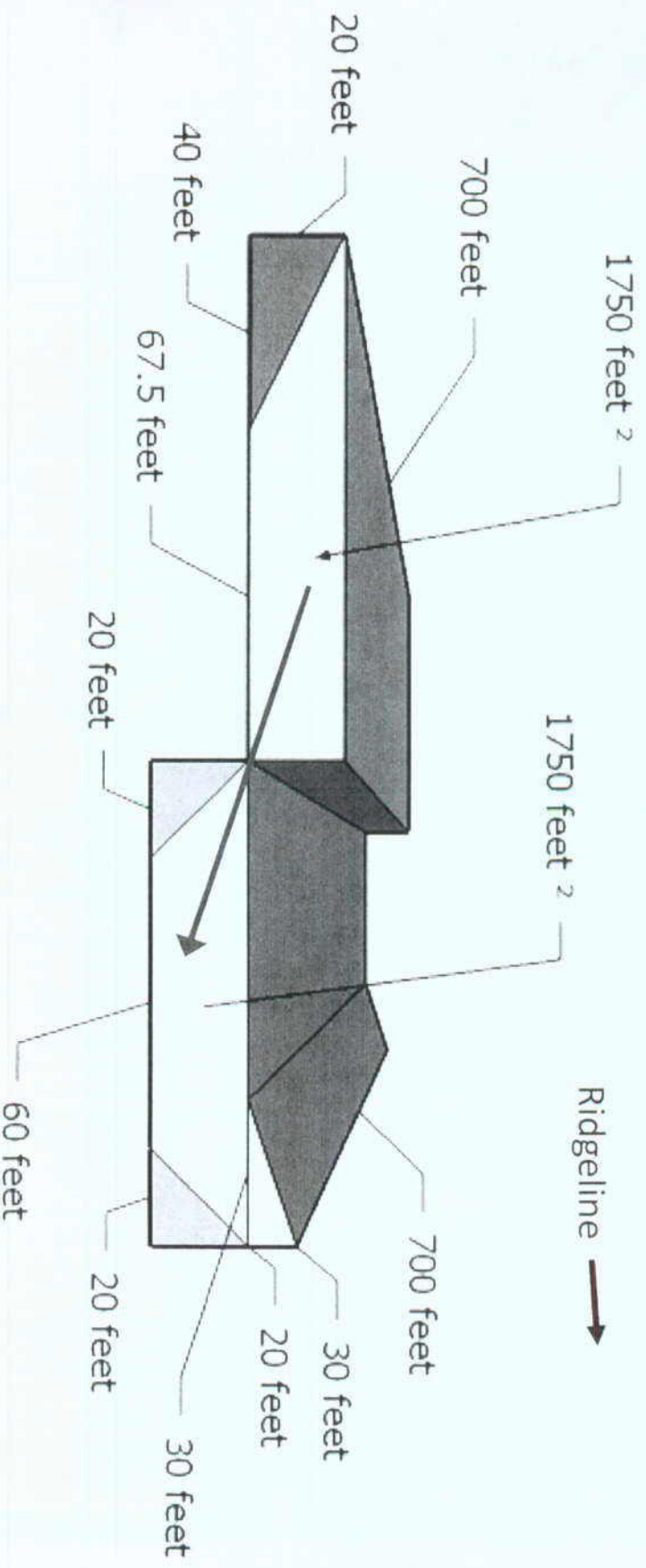
An approximate volume of material necessary to backfill the pit to create a level area and grade the north pit slope to 3H:1V is estimated at 45,370 yds.³

Calculation: $(60 \text{ ft.} \times 20 \text{ ft.}) + (20^2 \text{ ft.}) + .5(10 \text{ ft.} \times 30 \text{ ft.}) = 1,750 \text{ ft.}^2$

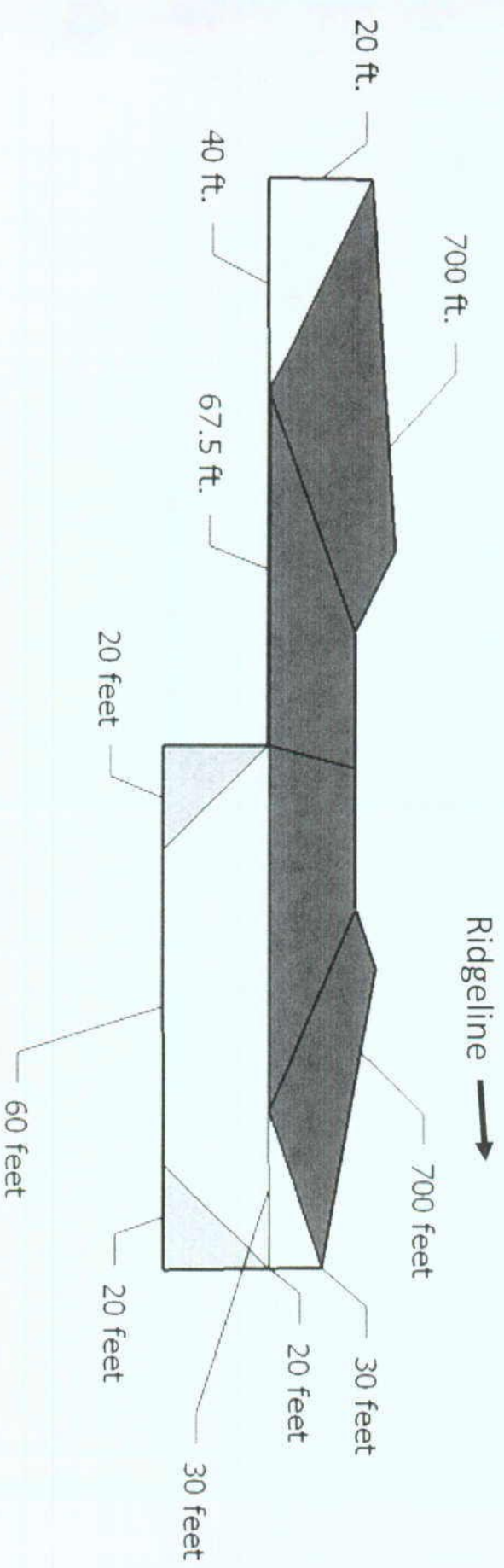
$$1,750 \text{ ft.}^2 \times 700 \text{ ft.} = 1,225,000 \text{ ft.}^3 = 45,370 \text{ yds.}^3$$



Calculation: $45,370 \text{ yds.}^3 = (67.5 \text{ ft.} \times 20 \text{ ft.} + .5(20 \text{ ft.} \times 40 \text{ ft.})) \times 700 \text{ ft.}$



The approved reclamation plan requires that the north slope of the pit be graded to 3H:1V, and all other slopes graded to 2H:1V, leaving a level working area.



BULLDOZER RIPPING WORK

Task description: Rip compacted stockpile areas aprox. 3 ac

Site: Wagner Rock

Permit Action: 2016-07

Permit/Job#: M1999018

PROJECT IDENTIFICATION

Task #: 02B

State: Colorado

Abbreviation: None

Date: 8/4/2016

County: Moffat

Filename: M018-02b

User: ACY

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D9T - 9SU
Ripper Attachment: 3-Shank Ripper

Horsepower: 405

Shift Basis: 1 per day

Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	\$97.48	NA
Operating Cost/Hour:	\$103.60	100
Ripper Ownership Cost/Hour:	\$10.74	NA
Ripper Operating Cost/Hour:	\$6.60	100
Operator Cost/Hour:	\$38.89	NA
Total Unit Cost/Hour:	\$257.31	
Total Fleet Cost/Hour:	\$257.31	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 3.00 acres Rip Depth (ft): 2.00 Volume: 9,680 BCY or CCY

Source of estimated quantity: Field estimates and google earth

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth: 2.63 mph
Average Ripping Width: 7.67 degrees
Average Ripping Length: 100.00 feet
Average Dozer Speed: 88.00 feet
Average Maneuver Time: 0.25 feet
Production per unit area: 0.762 acres/hour

Job Condition Correction Factors

Unadjusted Hourly Unit Production: 0.762 Acres/hr
Site Altitude: 6,485 feet
Altitude Adj: 1.00 (CAT HB)
Job Efficiency: 0.83 (1 shift/day)
Net Correction: 0.83 multiplier

Adjusted Hourly Unit Production: 0.63 Acres/hr

Adjusted Hourly Fleet Production: **0.63** Acres/hr

JOB TIME AND COST

Fleet size: 1 Grader(s) Total job time: **4.74** Hours

Unit cost: \$406.815 Per acre Total job cost: **\$1,220**

BULLDOZER WORKTask description: Topsoil application over 6 acres (see TR-1)Site: Wagner RockPermit Action: 2016-07Permit/Job#: M1999018**PROJECT IDENTIFICATION**Task #: 03AState: ColoradoAbbreviation: NoneDate: 8/4/2016County: MoffatFilename: M018-03aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D9T - 9SUHorsepower: 405Blade Type: Semi-UniversalAttachment: 3-shank ripperShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$97.48	NA
Operating Cost/Hour:	\$103.60	100
Ripper own. Cost/Hour:	\$10.74	NA
Ripper op. Cost/Hour:	\$4.95	75
Operator Cost/Hour:	\$38.89	NA

Total unit Cost/Hour: \$255.66Total Fleet Cost/Hour: \$255.66**MATERIAL QUANTITIES**Initial Volume: 4,839Swell factor: 1.000Loose volume: 4,839 LCYSource of estimated volume: 6 acres x .5 ftSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 100 feetUnadjusted hourly production: 1,243.2 LCY/hrMaterials consistency description: Loose stockpile 1.2Average push gradient: 0 %Average site altitude: 6,485 feetMaterial weight: 1,600 lbs/LCYWeight description: Top Soil**Job Condition Correction Factor**

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

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

Net correction: 0.8593

Adjusted unit production: 1,068.28 LCY/hr

Adjusted fleet production: **1068.28** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.239/LCY

Total job time: **4.53** Hours

Total job cost: **\$1,158**

REVEGETATION WORKTask description: **Revegetation of 6 acres (See TR-1)**Site: **Wagner Rock**Permit Action: 2016-07Permit/Job#: M1999018**PROJECT IDENTIFICATION**Task #: 04AState: ColoradoAbbreviation: NoneDate: 8/4/2016County: MoffatFilename: M018-04aUser: ACYAgency or organization name: DRMS**FERTILIZING****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
10-34-0, 18-46-0, 5-10-5	200.00	pound	\$0.33	\$66.00
			Total Fertilizer Materials Cost/Acre	\$66.00

Application

Description	Cost /Acre
Tractor towed spreader (MEANS 32 01 90.13 0120)	\$21.34
Total Fertilizer Application Cost/Acre	\$21.34

TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$107.59
Total Tilling Cost/Acre	\$107.59

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Rye, Perennial Tetraploid - Aubisque	2.40	13.61	\$4.15
Crested Wheatgrass - Ephraim	2.40	11.02	\$5.35
Intermediate Wheatgrass - Rush	2.40	5.12	\$5.38
Rocky Mountain Fescue	2.40	38.57	\$14.38
Pubescent Wheatgrass - Luna	2.40	4.96	\$5.38
Totals Seed Mix	12.00	73.28	\$34.63

Application

Description	Cost /Acre
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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
Weed spray, truck, non-aquatic area, nox. [DMG]	\$62.72
Total Mulch Application Cost/Acre	\$128.74

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: 6 Cost /Acre: \$1,083.55
 Estimated Failure Rate: 25% Cost /Acre*: \$975.96
 *Selected Replanting Work Items: FERTILIZING,SEEDING,MULCHING

Initial Job Cost: **\$6,501.30**
 Reseeding Job Cost: **\$1,463.94**
 Total Job Cost: **\$7,965**
 Job Hours: **20.00**

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Initial mobilization of crew and equipment**Site: **Wagner Rock**Permit Action: 2016-07Permit/Job#: M1999018**PROJECT IDENTIFICATION**

Task #: 05A State: Colorado Abbreviation: None
 Date: 8/4/2016 County: Moffat Filename: M018-05a
 User: ACY

Agency or organization name: DRMS**EQUIPMENT TRANSPORT RIG COST**

Shift basis: 1 per day
 Cost Data Source: CRG Data

Truck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED, 400 HP (2ND HALF, 2006)Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT TRAILER (25T, 50T, AND 100T)**Cost Breakdown:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$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 Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Cat D9T - 9SU	66.13	\$108.22	\$125.45	1	\$233.67	\$125.45	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$30.65	\$88.67	1	\$119.32	\$88.67	\$250.00
Power Mulcher (Reinco M90)	6.00	\$6.72	\$88.67	1	\$95.39	\$88.67	\$250.00

Subtotals: **\$448.38** **\$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: CRAIG
 Total one-way travel distance: 5.00 miles
 Average Travel Speed: 35.00 mph

Total Non-Roadable Mob/Demob Cost * \$2,611.38
 * two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** \$12.04
 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.14	0.14
Return Time (Hours):	0.14	0.14
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.29	0.29

JOB TIME AND COST

Total job time: 2.57 Hours

Total job cost: \$2,623

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Secondary mobilization of crew and equipmentSite: Wagner RockPermit Action: 2016-07Permit/Job#: M1999018**PROJECT IDENTIFICATION**

Task #: 05B State: Colorado Abbreviation: None
 Date: 8/4/2016 County: Moffat Filename: M018-05b
 User: ACY

Agency or organization name: DRMS**EQUIPMENT TRANSPORT RIG COST**

Shift basis: 1 per day
 Cost Data Source: CRG Data

Truck Tractor Description: GENERIC ON-HIGHWAY TRUCK TRACTOR, 6X4, DIESEL POWERED,
400 HP (2ND HALF, 2006)Truck Trailer Description: GENERIC FOLDING GOOSENECK, DROP DECK EQUIPMENT
TRAILER (25T, 50T, AND 100T)**Cost Breakdown:**

Available Rig Capacities	0-25 Tons	26-50 Tons	51+ Tons
Ownership Cost/Hour:	\$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 Description	Weight/ Unit (TONS)	Owner ship Cost/hr/ unit	Haul Rig Cost/hr/unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet	DOT Permit Cost/ fleet
Drill/Broadcast Seeder with Tractor	25.00	\$30.65	\$88.67	1	\$119.32	\$88.67	\$250.00
Power Mulcher (Reinco M90)	6.00	\$6.72	\$88.67	1	\$95.39	\$88.67	\$250.00
Subtotals:					\$214.71	\$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

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: CRAIG
 Total one-way travel distance: 5.00 miles
 Average Travel Speed: 35.00 mph

Total Non-Roadable Mob/Demob Cost * \$1,541.43
 ** two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** \$12.04
 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.14	0.14
Return Time (Hours):	0.14	0.14
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.29	0.29

JOB TIME AND COST

Total job time: 2.57 Hours

Total job cost: \$1,553