

October 14, 2016

Ken Skoglund
Boyce Land & Cattle Co., LLC
P.O. Box 209
Moffat, CO 81143



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

1313 Sherman Street, Room 215
Denver, CO 80203

RE: Cotton Creek Pit, Permit No. M-2013-054, Reclamation Costs Update and Notice of Surety Increase (SI-1)

Dear Mr. Skoglund:

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 \$14,150 rounded up from \$14,149.46. This is an increase of \$4,029.26 over the \$10,120.74 currently held by the Division. This estimate is based on conditions observed during the October 4, 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 **Tuesday, December 13, 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
Stephanie Mitchell, EPS, Grand Junction DRMS
Enc: Financial Warranty Cost Estimate



COST SUMMARY WORK

Task description: Post inspection 10-4-16 update

Site: Cotton Creek Pit

Permit Action: 2016-10

Permit/Job#: M2013054

PROJECT IDENTIFICATION

Task #: ACY

State: Colorado

Abbreviation: None

Date: 10/12/2016

County: Saguache

Filename: M054-ACY

User: ACY

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Dispose of debris	DEMOLISH	1	3.00	\$2.65
02a	Reduce pit slopes to 3:1	DOZER	1	0.94	\$188.00
03a	Spread topsoil on pit slopes	DOZER	1	8.86	\$1,774.00
04a	Rip pit floor and staging area	RIPPER	1	4.52	\$968.00
05a	Carry topsoil to pit floor	LOADER	1	19.85	\$1,917.00
06a	Spread topsoil on pit floor	DOZER	1	3.26	\$652.00
07a	Revegetate 5-acre disturbed area	REVEGE	1	12.00	\$2,661.00
08a	Haul reclamation equipment to and from site	MOBILIZE	1	5.84	\$3,755.00
<u>SUBTOTALS:</u>				58.27	\$11,918

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$240.74

Performance bond: 1.05

Total = \$125.14

Job superintendent: 0.00

Total = \$0.00

Profit: 10.00

Total = \$1,191.80

TOTAL O & P = \$1,557.68

CONTRACT AMOUNT (direct + O & P) = \$13,475.68

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): 0.00

Total = 0.00

Engineering work and/or contract/bid preparation: 0.00

Total = \$0.00

Reclamation management and/or administration: 5.00

\$673.78

CONTINGENCY: 0.00

Total = \$0.00

TOTAL INDIRECT COST = \$2,231.46

TOTAL BOND AMOUNT (direct + indirect) = \$14,149.46

DEMOLITION WORK

Task description: Dispose of debris

Site: Cotton Creek Pit

Permit Action: 2016-10

Permit/Job#: M2013054

PROJECT IDENTIFICATION

Task #: 01A

State: Colorado

Abbreviation: None

Date: 10/12/2016

County: Saguache

Filename: M054-01a

User: ACY

Agency or organization name: DRMS

UNIT COSTS

Location adjustment: 91.60 %

Structure or Item Description	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Misc debris	15 cy	Push demolished materials/rubble/debris into pit - Max. 50 ft. push	10.00	CY	\$0.29	\$2.89

Job Hours: 3.00

Subtotal
(unadjusted): \$2.89

Total Cost
(adjusted for location): \$2.65

BULLDOZER WORKTask description: **Reduce pit slopes to 3:1**Site: **Cotton Creek Pit** Permit Action: 2016-10 Permit/Job#: M2013054**PROJECT IDENTIFICATION**

Task #: 02A State: Colorado Abbreviation: None
 Date: 10/12/2016 County: Saguache Filename: M054-02a
 User: ACY

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

Basic Machine: Cat D8T - 8SU
 Horsepower: 310
 Blade Type: Semi-Universal
 Attachment: NA
 Shift Basis: 1 per day
 Data Source: (CRG)

Cost Breakdown:

		<u>Utilization %</u>
Ownership Cost/Hour:	<u>\$82.01</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$79.23</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: \$200.13
 Total Fleet Cost/Hour: **\$200.13**

MATERIAL QUANTITIES

Initial Volume: 500
 Swell factor: 1.330
 Loose volume: **665 LCY**

Source of estimated volume: Division of Reclamation, Mining & Safety
 Source of estimated swell factor: Cat Handbook

HOURLY PRODUCTION

Average push distance: 50 feet
 Unadjusted hourly production: 1,400.0 LCY/hr

Materials consistency description: Compacted fill or embankment 0.9

Average push gradient: -20 %
 Average site altitude: 7,800 feet

Material weight: 2,900 lbs/LCYWeight description: Decomposed rock - 50% Rock, 50% Earth**Job Condition Correction Factor**

		<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:	1.426	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.793	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5068

Adjusted unit production: 709.52 LCY/hr

Adjusted fleet production: **709.52** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.282/LCY

Total job time: **0.94** Hours

Total job cost: **\$188**

BULLDOZER WORKTask description: Spread topsoil on pit slopesSite: Cotton Creek PitPermit Action: 2016-10Permit/Job#: M2013054**PROJECT IDENTIFICATION**Task #: 03AState: ColoradoAbbreviation: NoneDate: 10/12/2016County: SaguacheFilename: M054-03aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D8T - 8SUHorsepower: 310Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$82.01	NA
Operating Cost/Hour:	\$79.23	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$38.89	NA

Total unit Cost/Hour: \$200.13Total Fleet Cost/Hour: \$200.13**MATERIAL QUANTITIES**Initial Volume: 5,378Swell factor: 1.000Loose volume: 5,378 LCYSource of estimated volume: 1 ac @ 8"Source of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 80 feetUnadjusted hourly production: 984.2 LCY/hrMaterials consistency description: Partly consolidated stockpile 1.1Average push gradient: -20 %Average site altitude: 7,800 feetMaterial weight: 2,550 lbs/LCYWeight description: Earth - Dry packed**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	1.100	(CAT HB)
Dozing method:	1.000	(GEN.)
Visibility:	1.000	(AVG.)

Job efficiency:	0.830	(1 SHIFT/DAY)
Spoil pile:	0.700	(FND-MF)
Push gradient:	1.426	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6165

Adjusted unit production: 606.76 LCY/hr

Adjusted fleet production: **606.76** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.330/LCY

Total job time: **8.86** Hours

Total job cost: **\$1,774**

BULLDOZER RIPPING WORK

Task description: Rip pit floor and staging area

Site: Cotton Creek Pit Permit Action: 2016-10 Permit/Job#: M2013054

PROJECT IDENTIFICATION

Task #: 04A State: Colorado Abbreviation: None
Date: 10/12/2016 County: Saguache Filename: M054-04a
User: ACY

Agency or organization name: DRMS

HOURLY EQUIPMENT COST

Basic Machine: Cat D8T - 8SU Horsepower: 310
Ripper Attachment: 3-Shank Ripper Shift Basis: 1 per day
Data Source: (CRG)

Cost Breakdown:

		Utilization %
Ownership Cost/Hour:	<u>\$82.01</u>	<u>NA</u>
Operating Cost/Hour:	<u>\$79.23</u>	<u>100</u>
Ripper Ownership Cost/Hour:	<u>\$8.40</u>	<u>NA</u>
Ripper Operating Cost/Hour:	<u>\$5.62</u>	<u>100</u>
Operator Cost/Hour:	<u>\$38.89</u>	<u>NA</u>
Total Unit Cost/Hour:	<u>\$214.15</u>	
Total Fleet Cost/Hour:	<u>\$214.15</u>	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 3.00 acres Rip Depth (ft): 1.00 Volume: 4,840 BCY or CCY

Source of estimated quantity: Application

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth: 2.56 mph
Average Ripping Width: 7.08 degrees
Average Ripping Length: 300.00 feet
Average Dozer Speed: 88.00 feet
Average Maneuver Time: 0.25 feet
Production per unit area: 0.800 acres/hour

Job Condition Correction Factors

Unadjusted Hourly Unit Production: 0.800 Acres/hr
Site Altitude: 7,800 feet
Altitude Adj: 1.00 (CAT HB)
Job Efficiency: 0.83 (1 shift/day)
Net Correction: 0.83 multiplier

Adjusted Hourly Unit Production: 0.66 Acres/hr
Adjusted Hourly Fleet Production: **0.66** Acres/hr

JOB TIME AND COST

Fleet size: 1 Grader(s) Total job time: **4.52** Hours

Unit cost: \$322.697 Per acre Total job cost: **\$968**

WHEEL LOADER – LOAD AND CARRY WORKTask description: Carry topsoil to pit floorSite: Cotton Creek PitPermit Action: 2016-10Permit/Job#: M2013054**PROJECT IDENTIFICATION**Task #: 05AState: ColoradoAbbreviation: NoneDate: 10/12/2016County: SaguacheFilename: M054-05aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: CAT 938HAttachment 1: ROPS CabHorsepower: 172Shift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		Utilization %
Ownership Cost/Hour:	\$25.66	NA
Operating Cost/Hour:	\$32.31	100
Operator Cost/Hour:	\$38.60	NA
Total Unit Cost/Hour:	\$96.57	
Total Fleet Cost/Hour:	\$96.57	

MATERIAL QUANTITIESInitial volume: 4,302

CCY

Swell factor: 1.000Loose volume: 4,302

LCY

Source of estimated volume: 4 ac @8"Source of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Loader Cycle Time: Unadjusted Basic Cycle Time (load, dump, maneuver): 0.483 minutes

Cycle Time Factors		Factor (min.)	Source
Material:	No adjustment - factor not applicable 0.00	0.000	(Cat HB)
Stockpile:	Dumped by truck 0.02	0.020	(Cat HB)
Truck Ownership:	No adjustment - factor not applicable 0.00	0.000	(Cat HB)
Operation:	Constant operation -0.04	-0.040	(Cat HB)
Dump Target:	Nominal target 0.00	0.000	(Cat HB)
Net Cycle Time Adjustment:		-0.020	minutes
Adjusted Basic Cycle Time:		0.463	minutes

Rolling Resistance – Road ConditionsHaul: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0Return: Rutted dirt, little maintenance, no water, 1" tire penetration 4.0**Haul and Return Time**

	Length (feet)	Grade Res. (%)	Rolling Res. (%)	Total Res. (%)	Travel Time (minutes)	Source
Haul Route:	300	0.00	4.00	4.00	0.2477	(Cat HB)
Return Route:	300	0.00	4.00	4.00	0.2310	(Cat HB)

Total Travel Time: 0.4787 minutes
 Total Cycle Time: **0.9412** minutes

Load Bucket Capacity

Rated Capacity:	<u>3.90</u>	LCY (heaped)	
Bucket Fill Factor:	<u>1.050</u>	Other - moist loam	(100-110%) 1.050
Adjusted Capacity:	<u>4.10</u>	LCY	

Job Condition Correction FactorsSite Altitude: 7800 feet

		Source
Altitude Adj:	<u>1.00</u>	(CAT HB)
Job Efficiency:	<u>0.83</u>	(1 shift/day)
Net Correction:	<u>0.83</u>	multiplier

Unadjusted Hourly Unit Production:	<u>261.04</u>	LCY/Hour
Adjusted Hourly Unit Production:	<u>216.67</u>	LCY/Hour
Adjusted Hourly Fleet Production:	<u>216.67</u>	LCY/Hour

JOB TIME AND COST

Fleet size:	<u>1</u>	Loader(s)	Total job time:	<u>19.86</u>	Hours
Unit cost:	<u>\$0.446</u>	/LCY	Total job cost:	<u>\$1,917</u>	

BULLDOZER WORKTask description: Spread topsoil on pit floorSite: Cotton Creek PitPermit Action: 2016-10Permit/Job#: M2013054**PROJECT IDENTIFICATION**Task #: 06AState: ColoradoAbbreviation: NoneDate: 10/12/2016County: SaguacheFilename: M054-06aUser: ACYAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D8T - 8SUHorsepower: 310Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$82.01	NA
Operating Cost/Hour:	\$79.23	100
Ripper own. Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$38.89	NA

Total unit Cost/Hour: \$200.13Total Fleet Cost/Hour: **\$200.13****MATERIAL QUANTITIES**Initial Volume: 2,151Swell factor: 1.000Loose volume: **2,151** LCYSource of estimated volume: Half volume transportedSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 50 feetUnadjusted hourly production: 1,400.0 LCY/hrMaterials consistency description: Loose stockpile 1.2Average push gradient: 0 %Average site altitude: 7,800 feetMaterial weight: 2,550 lbs/LCYWeight description: Earth - Dry packed**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:	0.700	(FND-MF)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4717

Adjusted unit production: 660.38 LCY/hr

Adjusted fleet production: **660.38** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.303/LCY

Total job time: **3.26** Hours

Total job cost: **\$652**

REVEGETATION WORKTask description: Revegetate 5-acre disturbed areaSite: Cotton Creek PitPermit Action: 2016-10Permit/Job#: M2013054**PROJECT IDENTIFICATION**Task #: 07AState: ColoradoAbbreviation: NoneDate: 10/12/2016County: SaguacheFilename: M054-07aUser: ACYAgency or organization name: DRMS**FERTILIZING****Materials**

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

Application

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

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
Blue Grama - Hachita	1.00	16.32	\$10.67
Crested Wheatgrass - Hy-Crest	3.00	13.77	\$7.17
Russian Wildrye - Bozoisky	2.00	8.03	\$12.50
Yellow Sweet Clover - Madrid	1.00	5.97	\$2.56
Western Wheatgrass - Arriba	5.00	12.63	\$18.45
Totals Seed Mix	12.00	56.73	\$51.35

Application

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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
Total Mulch Materials Cost/Acre				\$1.25

Application

Description	Cost /Acre
Weed spray, truck, non-aquatic areas, ann. [DMG]	\$22.81
Total Mulch Application Cost/Acre	\$22.81

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:	<u>5</u>	Cost /Acre:	<u>\$415.00</u>
Estimated Failure Rate:	<u>30%</u>	Cost /Acre*:	<u>\$390.94</u>
*Selected Replanting Work Items:	<u>TILLING,SEEDING</u>		
Initial Job Cost:	<u>\$2,075.00</u>		
Reseeding Job Cost:	<u>\$586.41</u>		
Total Job Cost:	<u>\$2,661</u>		
Job Hours:	<u>12.00</u>		

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Haul reclamation equipment to and from siteSite: Cotton Creek PitPermit Action: 2016-10Permit/Job#: M2013054**PROJECT IDENTIFICATION**Task #: 08AState: ColoradoAbbreviation: NoneDate: 10/12/2016County: SaguacheFilename: M054-08aUser: ACYAgency or organization name: DRMS**EQUIPMENT TRANSPORT RIG COST**Shift basis: 1 per dayCost Data Source: CRG DataTruck 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 D8T - 8SU	53.08	\$63.00	\$125.45	1	\$188.45	\$125.45	\$250.00
CAT 938H	16.34	\$21.45	\$88.67	1	\$110.12	\$88.67	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$39.59	\$88.67	1	\$128.26	\$88.67	\$250.00
Subtotals:					\$426.83	\$302.79	\$750.00

ROADABLE EQUIPMENT:

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

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: ALAMOSA
 Total one-way travel distance: 48.00 miles
 Average Travel Speed: 50.00 mph

Total Non-Roadable Mob/Demob Cost * \$3,754.53
 * two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** \$0.00
 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.96	0.96
Return Time (Hours):	0.96	0.96
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.92	1.92

JOB TIME AND COST

Total job time: 5.84 Hours

Total job cost: \$3,755

October 14, 2016

Ken Skoglund
Boyce Land & Cattle Co., LLC
P.O. Box 209
Moffat, CO 81143



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

1313 Sherman Street, Room 215
Denver, CO 80203

RE: Cotton Creek Pit, Permit No. M-2013-054, Explanation of Surety Increase (SI-1)

Dear Mr. Skoglund:

This reclamation cost update was based on conditions observed on the October 4, 2016 site inspection. No Surety increases have occurred since the permit issuance in 2014. Since the permit issuance mining as progressed and is at or near the maximum 5 acres disturbance as per the approved permit.

Typically the Division updates the reclamation cost estimate following a permit revision or a field inspection, both of which have recently happened. It is Division policy to periodically update its costs to ensure that the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan.

Below is a table summarizing input values that have been updated in Surety Increase (SI-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	Demo	-	Remove line item to create excavated pit since one now exits
		+	Add job hours
		-	Material has been removed update volumes 15 cy -> 10 cy
03a	Dozer	+	Adjusted topsoil volumes, assumed 1 ac @ 8". 881cy ->1076 cy
05a	Loader	+	Adjusted topsoil volumes, assume 4 ac @ 8". 1076cy ->4302 cy
06a	Dozer	+	Adjusted topsoil volumes, assume half of transported volume needs spread. 1076cy -> 2151 cy
07a	Reveg	-	Switch when weed application is employed. Tilling->mulching. Line items have different costs, post seeding is more practical



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, GJFO DRMS
Stephanie Mitchell, EPS, GJFO DRMS