

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

MINE NAME:	MINE/PROSPECTING ID#:	MINERAL:	COUNTY:
Bachelor Mines (Syracuse Portal)	M-1980-170	Silver	Ouray
INSPECTION TYPE:	INSPECTOR(S):	INSP. DATE:	INSP. TIME:
Monitoring	Wallace H. Erickson	December 3, 2012	15:00
OPERATOR:	OPERATOR REPRESENTATIVE:	TYPE OF OPERA	TION:
Bachelor Silver Mines Company	Carl Dismant	110(2) - Hard Rock Limited Impact	
REASON FOR INSPECTION:	BOND CALCULATION TYPE:	BOND AMOUNT:	
Normal I&E Program	Complete Bond	\$6,256.00	
DATE OF COMPLAINT:	POST INSP. CONTACTS:	JOINT INSP. AGE	NCY:
NA	None	None	
WEATHER:	INSPECTOR'S SIGNATURE:	SIGNATURE DAT	E:
Cloudy	Wallaced Sk	December 27, 2012	

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS <u>N</u>	(FN) FINANCIAL WARRANTY PB	(RD) ROADS <u>Y</u>
(HB) HYDROLOGIC BALANCE Y	(BG) BACKFILL & GRADING <u>Y</u>	(EX) EXPLOSIVES <u>N</u>
(PW) PROCESSING WASTE/TAILING Y	(SF) PROCESSING FACILITIES \underline{Y}	(TS) TOPSOIL <u>NA</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE <u>Y</u>	(RV) REVEGETATION <u>N</u>
(SM) SIGNS AND MARKERS Y	(SP) STORM WATER MGT PLAN Y	(SB) COMPLETE INSP <u>N</u>
(ES) OVERBURDEN/DEV. WASTE <u>Y</u>	(SC) EROSION/SEDIMENTATION \underline{Y}	(RS) RECL PLAN/COMP <u>Y</u>
(AT) ACID OR TOXIC MATERIALS <u>Y</u>	(OD) OFF-SITE DAMAGE <u>Y</u>	(ST) STIPULATIONS <u>N</u>

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

INSPECTION TOPIC: Financial Warranty

PROBLEM: The Division has reviewed the current cost of reclamation totaling \$7,692.49. Therefore, the existing \$6,256 financial warranty is not adequate to reclaim the site in accordance with the approved reclamation plan. This is a failure to maintain the proper financial warranty amount to complete reclamation of the affected lands pursuant to C.R.S. 34-32.5-117(4)(b) of the Act.

CORRECTIVE ACTIONS: Pursuant to Hard Rock/Metal Mining Rule 4.2.1(2), the Operator shall submit adequate financial warranty, totaling not less than \$7,692.49, within 60 days, due February 25, 2013. **CORRECTIVE ACTION DUE DATE:** February 25, 2013

OBSERVATIONS

This inspection occurred as part of the Division's routine monitoring program for permitted operations. The Bachelor Mines (Syracuse Portal) is approved for 4.35 acres affected lands, which include the historic Syracuse Portal and its waste rock stockpile (mine dump or mined materials) resulting from the original excavation of the adit, circa 1880's. Affected lands will be reclaimed to support wildlife habitat and recreation post-mining land use. The Division holds \$6,256 financial warranty. This report is accompanied by seven photos and an updated reclamation cost estimation totaling \$7,692.49.

The permit was issued September 25, 1980. All affected lands, including the portal, mine dump, roads, mine related structures, and the mine drainage ditch existed prior to the permit. Topsoil was not salvaged during the pre-law activities and is not available for reclamation purposes. The original mine plan was to relocate the mine dump materials to the Camp Bird Mill for metallurgical processing. Permit records do not verify whether mined materials were brought to the surface or if any mined materials were removed from site subsequent to permit issuance. The original reclamation plan discussed converting the mine to a tourist mine, which was accomplished after the landowner became the successor Operator (SO-01 approved July 8, 1988). Tourist activity was dormant during the inspection.

As shown in the photos, current conditions appear similar to the descriptions of the pre-permit disturbance provided in the original application documents. The portal discharge was estimated at 250-300 gallons per minute and was routed to the south end of the permit area as indicated in the application documents. Mine drainage appeared clear; no evidence of iron staining or metals precipitation was observed. Aquatic plants were thriving throughout all portions of the discharge ditch. Mine drainage ultimately reports to Lake Lenore Estates and does not discharge directly to a live stream channel.

The Division has reviewed the current cost of reclamation totaling \$7,692.49. Please find enclosed eight pages of summary and work sheets utilized by the Division to calculate the cost of reclamation. Therefore, the existing \$6,256 financial warranty appears insufficient to ensure the completion of reclamation. Pursuant to Rule 4.2.1(2), the Operator shall have 60 days, due February 25, 2013, to submit \$1,436.49 additional bond, to ensure a total financial warranty not less than \$7,692.49, or complete portions of the reclamation plan and thereby reduce the current cost of reclamation to ensure the sufficiency of the existing bond.

Inspection Contact Address

Carl Dismant Bachelor Silver Mines Company P.O. Box 965 Ouray, CO 81427 Enclosure: 7 photos; and reclamation cost estimation totaling \$7,692.49.

cc w/enclosure:

Russ Means, DRMS GJFO





View east, showing portions of the snow shed for the portal and portal discharge ditch routing mine drainage to the south.

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DUMPING IN CRE SHALL DISCOM

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GAFETY CHANG

Bachelor Mines (Syracuse Portal) M-1980-170 December 3, 2012





Sediment pond for mine drainage was located at the far south end of the permit area. Discharge from the sediment pond is routed to Lake Lenore.





COST SUMMARY WORK

Т	ask description:	Summary	of task	s and assoc	ciated costs			
Site: _	Bachelor Mines (Syrae Portal)	cuse	Peri	nit Action:	Routine update	1	Permit/Job#:	M1980170
<u>P</u>	ROJECT IDENTIFI	CATION						
	Task #: 000 Date: 12/14/2012 User: WHE		State: ounty:	Colorado Ouray			Abbreviation: Filename:	None M170-000
<u>T</u>	Agency or organ		: _DR	MS				
Task	Description				Form Used	Fleet Size	Task Hours	Cost
001	Safeguard portal				MINESEAL	1	0.00	\$3,500.00
002	Slope reduction				EXCAVATE] 1	11.75	\$854.00
003	Revegetate slope redu	ction areas			REVEGE	1	0.00	\$611.06

		SUBTO	TALS:	14.35	\$ \$6,058.18
005	Dispose debris, on-site burial	DEMOLISH	1	0.00	\$321.48
004	Haul reclamation equipment to and from job site	MOBILIZE] 1	2.60	\$771.64
			-		

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance:	2.02	Total =	\$122.38
Performance bond:	1.05	Total =	\$63.61
Job superintendent:	0.00	Total =	\$0.00
Profit:	10.00	Total =	\$605.82
		TOTAL O & P =	\$791.81
		CONTRACT AMOUNT (direct + O & P) =	\$6,849.99

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs):	500.0	0 Total =	500.00
Engineering work and/or contract/bid preparation:	0.00	Total =	\$0.00
Reclamation management and/or administration:	5.00		\$342.50
CONTINGENCY:	0.00	Total =	\$0.00
		TOTAL INDIRECT COST =	\$1,634.31
TOTAL B	OND A	MOUNT (direct + indirect) =	\$7,692.49

SAFEGUARDING UNDERGROUND OPENINGS

	Task description: Sachelor Mines (Syracuse Portal)	Safeguard portal Permit Action:	Routine update	Permit/	Job#: M1980170
<u>PROJE</u>	CT IDENTIFICATION				
Task #: Date: User:	: 12/14/2012	State: <u>Colorado</u> County: <u>Ouray</u>		Abbreviation: Filename:	None M170-001
	Agency or organizatio	n name: DRMS			

UNIT COSTS

Opening Description	Dimensions	Closure Method	Quantity	Unit	Unit Cost	Total Cost
Portal with mine drainage	10 x 10	Adit closure - grated door (per opening)	1.00	EA	\$3,500.00	\$3,500.00

Job Hours: 0.00

Total Cost: \$3,500.00

HYDRAULIC EXCAVATOR WORK

Task description:	Slope	ereduction	10 mm		
Bachelor Mines (Portal)	Syracuse	Permit Act	tion: Routine update	Per	mit/Job#: M1980170
PROJECT IDEN	<u>FIFICATI</u>	<u>NC</u>			
Task #: 002 Date: 12/14/2 User: WHE	2012	State: <u>Colo</u> County: Oura			eviation: None ilename: M170-002
Agency or o	organization	name: DRMS			
HOURLY EQUIP	MENT CO	DST .			
Basic Machin Attachment		D 7'-3" Stick Cab	W	Horsepower: /eight (MT): Shift Basis: Data Source:	56 7.23 1 per day (CRG)
Cost Breakdown:					
Ownership C Operating C Operator C	ost/Hour:	\$15.06 \$18.88 \$38.67	Utilization % NA 100 NA	-	
Total Unit C		\$72.62	1111		
Total Fleet C	Cost/Hour:	\$72.62			
	$\frac{1,366}{1,366}$ rce of estimated s	A STATUS AND A DATA AND AND AND AND AND AND AND AND AND AN			
HOURLY PROD					
Excavator Cycle Tim	e (load buck	et, swing loaded, du	ump bucket, swing empt	<u>y):</u>	
	0		Job Condition Description		
	Secor	idary Job Condition	n within Basic Descriptio Cycle Time Valu		minutes
Load Bucket Capacit	У		5		
				Bucket Size Cl	ass: Large
Rated Capa Bucket Fill Fa Adjusted Capa	ictor:			(100-120%) 1.	100
Job Condition Correc	· · · · ·		Site A	Altitude: <u>8050</u> f	eet
			ource		
Altitude Ad Job Efficiency Net Correction	/: 0.	83 (1 sh	AT HB) hiff/day) iplier		
	Adjusted 1	Hourly Unit Produc Hourly Unit Produc Iourly Fleet Produc	tion: 116.19	LCY/Hour LCY/Hour LCY/Hour	
JOB TIME AND (-				
Fleet size:	1	Excavator	Total job time:	11.76	Hours
Unit cost:	\$0.625	/LCY	Total job cost:	\$854.00	0
Unit COSt.	ψ0.020		Total job cost.	J034.00	U

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REVEGETATION WORK

Bachelor Mines (Syracuse Portal)	Perm	it Action:	Routine update	3	Permit/Job#	#: <u>M1980170</u>
ROJECT IDENTIFICAT	ION					
Task #: 003	State:	Colorado			Abbreviation:	None
Date: 12/14/2012	County:	Ouray			Filename:	
User: WHE		<u> </u>		1	i nonumo.	005
Agency or organization	n name:DRM	MS				
ERTILIZING						
laterials						
Description		Units Acre	/ Unit	Co	ost / Unit	Cost /Acre
10-34-0, 18-46-0, 5-10-5		200.0			.32	\$64.00
				То	otal Fertilizer Materials Cost/Acre	\$64.00
						0.11
Description	0 12 0100					Cost /Acre
Description Hand spread (MEANS 32 01 9	0.13 0100)					Cost /Acre \$498.76
Description Hand spread (MEANS 32 01 9	0.13 0100)		otol Fortili-	Annlingt	on Cost/1	\$498.76
Description Hand spread (MEANS 32 01 9	0.13 0100)	Т	otal Fertilizer	·Applicati	on Cost/Acre	
Description Hand spread (MEANS 32 01 9 ILLING Description Hand split (MEANS 22 01 1		Т	otal Fertilizer	· Applicati	on Cost/Acre	\$498.76 \$498.76 Cost /Acre
Hand spread (MEANS 32 01 9 ILLING Description		T	otal Fertilizer	· Applicati	on Cost/Acre	\$498.76 \$498.76
Hand spread (MEANS 32 01 9		T			on Cost/Acre ng Cost/Acre	\$498.76 \$498.76 Cost /Acre
Hand spread (MEANS 32 01 9 ILLING Description		T				\$498.76 \$498.76 Cost /Acre \$1,197.90
Hand spread (MEANS 32 01 9 ILLING Description Hand raking (MEANS 32 91 1		T				\$498.76 \$498.76 Cost /Acre \$1,197.90
Hand spread (MEANS 32 01 9 ULLING Description Hand raking (MEANS 32 91 1 EEDING Seed Mix Drchardgrass - Latar		T		Total Tilli Rate – PLS LBS /	ng Cost/Acre Seeds per SQ.	\$498.76 \$498.76 Cost /Acre \$1,197.90 \$1,197.90
Hand spread (MEANS 32 01 9 LLLING Description Hand raking (MEANS 32 91 1 EEDING Seed Mix Drchardgrass - Latar Creeping Red Fescue - Cindy		T		Total Tilli Rate – PLS LBS / Acre	ng Cost/Acre Seeds per SQ. FT	\$498.76 \$498.76 Cost /Acre \$1,197.90 \$1,197.90 Cost /Acre
Hand spread (MEANS 32 01 9 LLING Description Hand raking (MEANS 32 91 1 CEDING Seed Mix Drchardgrass - Latar Creeping Red Fescue - Cindy Smooth Brome - Manchar	3.23 0250)	T		Total Tilli Rate – PLS LBS / Acre 0.60	ng Cost/Acre Seeds per SQ. FT 7.44	\$498.76 \$498.76 Cost /Acre \$1,197.90 \$1,197.90 Cost /Acre \$1.30
Hand spread (MEANS 32 01 9 LLING Description Hand raking (MEANS 32 91 1 CEDING Seed Mix Drchardgrass - Latar Creeping Red Fescue - Cindy Smooth Brome - Manchar Yellow Sweet Clover - Madrid	3.23 0250)	T		Total Tilli Rate – PLS LBS / Acre 0.60 0.50	ng Cost/Acre Seeds per SQ. FT 7.44 6.31	\$498.76 \$498.76 Cost /Acre \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90
Hand spread (MEANS 32 01 9 ULLING Description Hand raking (MEANS 32 91 1 EEDING Seed Mix Drchardgrass - Latar Creeping Red Fescue - Cindy Smooth Brome - Manchar Yellow Sweet Clover - Madrid Slender Wheatgrass - Pryor	3.23 0250)	T		Total Tilli Rate – PLS LBS / Acre 0.60 0.50 0.60	ng Cost/Acre Seeds per SQ. FT 7.44 6.31 2.00	\$498.76 \$498.76 Cost /Acre \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,
Hand spread (MEANS 32 01 9 ILLING Description Hand raking (MEANS 32 91 1 EEDING	3.23 0250)	T		Rate – PLS LBS / Acre 0.60 0.50 0.60 0.60	ng Cost/Acre Seeds per SQ. FT 7.44 6.31 2.00 3.58	\$498.76 \$498.76 Cost /Acre \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,197.90 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10 \$1,10

Application

Description		Cost /Acre
Broadcast seeding [DMG]		\$255.76
	Total Seed Application Cost/Acre	\$255.76

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Herbicide - Curtail @ 4.0 pt/ac	1.00	ACRE	\$15.90	\$15.90
Total Mulch Materials Cost/Acre				\$15.90

Application

Description		Cost /Acre
Weed spray, hand, aquatic area, nox. [DMG]		\$175.77
	Total Mulch Application Cost/Acre	\$175.77

NURSERY STOCK PLANTING

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

JOB TIME AND COST

Estimate *Selected Replanti	No. of Acres: ed Failure Rate: ng Work Items:	0.25 10% FERTILIZING,TILI LCHING	Cost /Acre: Cost /Acre*: LING,SEEDING,MU	
Initial Job Cost: Reseeding Job Cost: Total Job Cost: Job Hours:	\$55.55 \$611.06			

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EQUIPMENT MOBILIZATION/DEMOBILIZATION

Bachelor M Portal)	lines (Syracuse	Permit A		e update	Pe	ermit/Job#:	M198	0170
PROJECT I	DENTIFICAT	ION						
Task #: (004	State: Co	olorado		Abbr	eviation:	None	
	2/14/2012 WHE		uray			ilename:	M170-	004
Agen	cy or organization	n name: DRMS						
EQUIPMEN	T TRANSPOR	<u>RT RIG COST</u>						
					Shift ba Cost Data Sou		per day RG Data	
Tı	ruck Tractor Desc	ription: GEN	ERIC ON-HIGH	WAY TR	UCK TRACTO	OR, 6X4, D	IESEL I	POWERED,
				400 HP	(2ND HALF	2006)		
	ruck Trailer Desc	ription: GENE	ERIC FOLDING	GOOSEN	COND HALF, ECK, DROP I , 50T, AND 10	DECK EQL	JIPMEN	T TRAILER
	ruck Trailer Desc	ription: GENE	ERIC FOLDING	GOOSEN	ECK, DROP I	DECK EQL	JIPMEN	T TRAILER
T <u>Cost Breakdow</u> Available Rig	ruck Trailer Desc <u>/n:</u> Capacities	o-25 Tons	26-50 Tons	GOOSEN (25T	ECK, DROP I	DECK EQL	JIPMEN	T TRAILER
T <u>Cost Breakdow</u> Available Rig Owners	ruck Trailer Desc <u>m:</u> Capacities hip Cost/Hour:	0-25 Tons \$16.63	26-50 Tons \$18.37	GOOSEN (25T 51- \$	ECK, DROP I , 50T, AND 10 + Tons 22.33	DECK EQL	JIPMEN	T TRAILER
T <u>Cost Breakdow</u> Available Rig Owners Operat	ruck Trailer Desc / <u>n:</u> Capacities hip Cost/Hour: ing Cost/Hour:	0-25 Tons \$16.63 \$44.38	26-50 Tons \$18.37 \$46.13	GOOSEN (25T 51- \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07	DECK EQL	JIPMEN	T TRAILER
T Cost Breakdow Available Rig Owners Operat Operat	ruck Trailer Desc /n: Capacities hip Cost/Hour: ing Cost/Hour: ator Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66	26-50 Tons \$18.37 \$46.13 \$27.66	GOOSEN (25T 51- \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66	DECK EQL	JIPMEN	T TRAILER
T Cost Breakdow Available Rig Owners Operat Operat Hel	ruck Trailer Desc <u>m:</u> Capacities hip Cost/Hour: ing Cost/Hour: tor Cost/Hour: per Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39	DECK EQL	JIPMEN	T TRAILER
T Cost Breakdow Available Rig Owners Operat Operat Hel	ruck Trailer Desc /n: Capacities hip Cost/Hour: ing Cost/Hour: ator Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66	26-50 Tons \$18.37 \$46.13 \$27.66	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66	DECK EQL	JIPMEN	T TRAILER
T <u>Cost Breakdow</u> Available Rig Owners Operat Opera Hel Total U	ruck Trailer Desc <u>m:</u> Capacities hip Cost/Hour: ing Cost/Hour: tor Cost/Hour: per Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39	DECK EQL	JIPMEN	T TRAILER
T <u>Cost Breakdow</u> Available Rig Owners Operat Opera Hel Total U	ruck Trailer Desc /n: Capacities hip Cost/Hour: ing Cost/Hour: tor Cost/Hour: per Cost/Hour: Juit Cost/Hour:	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39	GOOSEN (25T 51- \$ \$ \$ \$ \$ \$	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39	DECK EQU DOT)	Ĩrip	DOT Permi
T <u>Cost Breakdow</u> Available Rig Owners Operat Opera Hel Total U NON ROAD	ruck Trailer Desc <u>m:</u> Capacities hip Cost/Hour: ing Cost/Hour: per Cost/Hour: Juit Cost/Hour: ABLE EQUIP	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT:	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55	GOOSEN (25T 51- 52 52 52 52 52 52 52 52 52 52 52 52 52	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39 25.45	DECK EQU	Ĩrip	
T <u>Cost Breakdow</u> Available Rig Owners Operat Operat Hel Total U <u>NON ROAD</u> Machine Description	ruck Trailer Desc <u>m:</u> Capacities hip Cost/Hour: ing Cost/Hour: tor Cost/Hour: per Cost/Hour: Unit Cost/Hour: Meight/ Unit (TONS)	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship Cost/hr/ unit	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit	GOOSEN (25T 51- 53 53 53 53 51 51 51 51 51 51 51 51 51 51 51 51 51	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39 25.45 Haul Trip Cost/hr/ fleet	DECK EQU DOT) Return T Cost/hr/	Ĩrip	DOT Permi Cost/ fleet
T <u>Cost Breakdow</u> Available Rig Owners Operat Opera Hel Total U NON ROAD Machine	ruck Trailer Desc <u>m</u> : Capacities hip Cost/Hour: ing Cost/Hour: ator Cost/Hour: per Cost/Hour: Jnit Cost/Hour: ABLE EQUIP Weight/ Unit	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig	GOOSEN (25T 51- 52 52 52 52 52 52 52 52 52 52 52 52 52	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39 25.45 Haul Trip Cost/hr/	DECK EQU DOT)	Ĩrip	DOT Permi
T <u>Cost Breakdow</u> Available Rig Owners Operat Operat Hel Total U <u>NON ROAD</u> Machine Description	ruck Trailer Desc <u>m:</u> Capacities hip Cost/Hour: ing Cost/Hour: tor Cost/Hour: per Cost/Hour: Unit Cost/Hour: Meight/ Unit (TONS)	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship Cost/hr/ unit	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit \$88.67	GOOSEN (25T 51- 53 53 53 53 51 51 51 51 51 51 51 51 51 51 51 51 51	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39 25.45 Haul Trip Cost/hr/ fleet	DECK EQU DOT) Return T Cost/hr/	`rip fleet	DOT Permi Cost/ fleet
T <u>Cost Breakdow</u> Available Rig Owners Operat Operat Hel Total U <u>NON ROAD</u> Machine Description	ruck Trailer Desc <u>m:</u> Capacities hip Cost/Hour: ing Cost/Hour: tor Cost/Hour: per Cost/Hour: Unit Cost/Hour: Meight/ Unit (TONS)	0-25 Tons \$16.63 \$44.38 \$27.66 \$0.00 \$88.67 MENT: Owner ship Cost/hr/ unit	26-50 Tons \$18.37 \$46.13 \$27.66 \$25.39 \$117.55 Haul Rig Cost/hr/unit \$88.67	GOOSEN (25T 51- 52 52 52 52 52 52 52 52 52 52 52 52 52	ECK, DROP I , 50T, AND 10 + Tons 22.33 50.07 27.66 25.39 25.45 Haul Trip Cost/hr/ fleet \$106.54	Return T Cost/hr/ \$88.67	`rip fleet	DOT Permi Cost/ fleet \$250.00

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:	OURAY	
Total one-way travel distance:	3.00	miles
Average Travel Speed:	20.00	mph
Total Non-Roadable Mob/Demob Cost * ** two round trips with haul rig:	\$771.64	
Total Roadable Mob/Demob Cost ** ** one round trip, no haul rig:	\$0.00	

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.15	0.15
Return Time (Hours):	0.15	0.15
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	1.30	0.30

JOB TIME AND COST

Total job time: 2.60 Hours

Total job cost: \$771.64

DEMOLITION WORK

	Task description	on: Dispe	ose debris, on-site burial				· · · · · · · · · · · · · · · · · · ·
Site:	Bachelor Mi Portal)	nes (Syracuse	Permit Action:	coutine update	Pe	ermit/Job#: _	M1980170
PROJE	ECT IDENTI	FICATION					
Task ≢ Date User	e: 12/14/2012 r: WHE		State: <u>Colorado</u> ounty: <u>Ouray</u> me: <u>DRMS</u>		Abbreviat Filena		e 0-005
<u>UNIT C</u>	COSTS				Location	adjustment	<u>: 94.00 %</u>
	ture or Item scription	Dimensions	Demolition Menu Selection	Quantity	Unit	Unit Cost	Total Cost
Misc del	bris	10 x 10 x 20	Bldg. (SN) demo./on-s disposal in excavated j - Max. 200 ft. push		CF	\$0.17	\$342.00
Job I	Hours:	0.00	Subtotal (unadjusted):	\$342.00	(adju	otal Cost usted for ocation):	\$321.48