





MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

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: Flying Triangle Ranch Pit	MINE/PROSPECTING ID#: M-2008-018	MINERAL: Sand and gravel	COUNTY: Moffat
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: November 21, 2024	INSP. TIME: 09:00
OPERATOR: Ely Ranch, LLC	OPERATOR REPRESENTATIVE: Grady Ely	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$21,368.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Hunter Ridley Jocelyn Carter	INSPECTOR'S SIGNATURE:  	SIGNATURE DATE: December 3, 2024	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

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

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

OBSERVATIONS

The Flying Triangle Ranch Pit was inspected by Hunter Ridley and Jocelyn Carter with the Division of Reclamation, Mining and Safety (Division) as part of the required normal monitoring inspections. The Flying Triangle Ranch Pit is a 112c permitted site that includes a total of 61 permitted acres of which approximately 16 acres appear disturbed. The site is located approximately 41 miles northwest of Craig, Colorado. It is located just south of the state line and the nearest town is Baggs, WY. The site is accessed from Moffat County Road 4. Site representative Grady Ely was present during the inspection. The site was inactive at the time of inspection. Two site maps (Figures 1 and 2) has been included below and is referenced throughout this report. The approved post mining land use for the site is rangeland.

Availability of Records: Annual reports are current, having been filed through August 2024, stating the last mining activity was in July 2024. The previous inspection was on November 12, 2020. There are no open infractions related to previous inspections.

Acid And Toxic Materials: No acid or toxic materials are involved in this operation.

Backfilling and Grading: Site grading has not noticeably changed since the Division's last inspection in 2020. Most excavated slopes are grown over with volunteer vegetation and range from 8'-15' high. Most excavated slopes are near vertical, but some are at ~ 2H:1V. All slopes appear to be stable (Photos 2, 7, and 9).

Gen. Compliance with Mine Plan: The site is broken up into three areas (Figure 1): the western excavated pit (Photos 5 and 9), the middle stockpile area (Photos 2 and 4) and the undisturbed eastern area (Photo 6). The permit's Mine Plan states that the eastern half of the permit area will be mostly used to create a source of surplus cover and topsoil in final reclamation of the western half of the site, which had very little topsoil or cover to begin with. The Mine Plan also states that the western excavated area includes the "Old Pit" area which is understood to be ~ 2 acres of historical mining. This Old Pit area is permitted to be an equipment storage area and the area where non-historical mining under this permit will progress eastward from. The Mine Plan also mentions that equipment may be stored near the gate along the southern permit boundary.

Little new surface disturbances were observed since the Division's previous inspection. The Operator stated that material is pulled off stockpiles throughout the year for personal use on Mr. Ely's adjacent ranch property. Stockpiles throughout the site range from 15-20' tall.

A small trench is excavated to the east of the stockpiles and is approximately 8' deep (Photo 5). The eastern portion of the permit is largely undisturbed. An ~ 2 acre patch of sand sits at the surface of the land in this eastern portion. It should be noted that this area has not been excavated.

Fish and Wildlife: No impact to wildlife was observed.

Hydrologic Balance: No standing water was observed anywhere in the pit. The site is graded such that stormwater drains to and infiltrates the pit floor. No sediment ponds are utilized at the site.

Processing Waste: No processing waste was observed.

Roads: No paved access roads are part of this permit. A graveled track up to the pit on the west side is the main access point. This mine entrance is only accessible via traversing through Mr. Ely's private property. A two-track traverses through State Land Board land to the south of the permit and up to an access gate at the southern permit boundary edge (Photo 8). However, this road is not used to access the pit. The site's Mine Plan

states that this two-track is included in the permit boundary, however it is not utilized by the mine Operator and as it is pre-existing, does not require reclamation. There is a road cut within the pit that divides the affected area from the eastern portion of the permit boundary. As per the reclamation plan, this road is also not required to be reclaimed.

Right of Entry: As of March 8, 2021, the Division has received proof of legal right of entry for the Operator via the approved Succession of Operator Revision (SO2).

Reclamation Success: The Operator has not initiated any final reclamation at this site. Mr. Ely hopes that the operation will gain momentum in the coming years, should market conditions for sand and gravel improve. The Division encourages reclamation of areas which the Operator anticipates will not be used over the remaining life of the mine. Two topsoil berms wrap around the northwestern and southwestern corners of the site (Photos 3, 4 and 7, Figure 1). The site's reclamation plan states that concurrent reclamation will be practiced at the site and that the only required remaining reclamation would be ~ 3 acres of processing area. This is the current scenario for which the site is bonded. However, the site has not been practicing concurrent reclamation, as ~16 acres are currently disturbed at the site with no active reclamation (Figure 2). Pursuant to Rule 4.2.1, a site's required Financial Warranty shall be set and maintained at a level which reflects the actual current cost of fulfilling the requirements of the Reclamation Plan. Therefore, the Division will be reviewing and updating the cost of the financial warranty amount for this site to reflect the actual cost of reclamation at the site's current condition. Please see the 'Financial Warranty' section below for further details.

Financial Warranty: The Division currently requires a financial warranty amount of \$21,368 for this site. The bond was last recalculated with SI-1 in 2016. In an effort to ensure the Financial Warranty adequately reflects the actual current cost of fulfilling the requirements of the approved reclamation plan, the Division has updated the reclamation cost estimate. The Division has found the current bond to be **inadequate** for reclamation of the site. The updated required bond amount is \$77,167.00. This is an **increase of \$55,799.00**. A copy of staff calculations has been attached with this report. A notice of surety increase will be sent under separate cover.

Revegetation: No active revegetation efforts were observed onsite. However, most of the stockpiles, excavated slopes, and topsoil berms were covered with volunteer vegetation due to the minimal amount of activity happening at the site (Photo 4). Most of this vegetation is state listed weed species, but native species were also growing throughout the site. No noxious weed species were observed during this inspection.

Sediment Control: No BMPs were observed to be required at the time of this inspection. No excessive erosion was noted on any of the excavated slopes and there is no threat for offsite damage.

Support Facilities On-site: No heavy equipment, processing equipment, or fuel is located or stored on site.

Signs and Markers: The permit sign was posted at the main access road entrance (Photo 1). Four t-posts were observed at the corners of the affected area boundary. Boundary fences were in place to delineate the permit boundary along the southern and eastern borders.

Permit Stipulations: There are no permit stipulations.

Photographs taken during the inspection have been included below. Responses to this inspection report should be directed to: Hunter Ridley at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 720-868-7757 or via email at hunter.ridley@state.co.us

PHOTOGRAPHS



Photo 1: The mine sign was posted at the entrance to the site, which is only accessible via private property.



Photo 2: View east of the stockpile area and partial view of the western excavation area.



Photo 3: View north of the topsoil berm which wraps around the northwest and southwestern corners of the permit boundary.



Photo 4: View from atop the northwestern topsoil berm, looking towards the stockpile area.



Photo 5: View south of the excavated trench at the eastern edge of the permit's currently affected acreage.



Photo 6: View to the east of the largely undisturbed area of the permit boundary.



Photo 7: View west of the western excavation area and topsoil berm along the southwestern boundary.



Photo 8: view south onto the two-track road which traverses State Land Board Land, outside the permit.



Photo 9: View of the western excavation area.

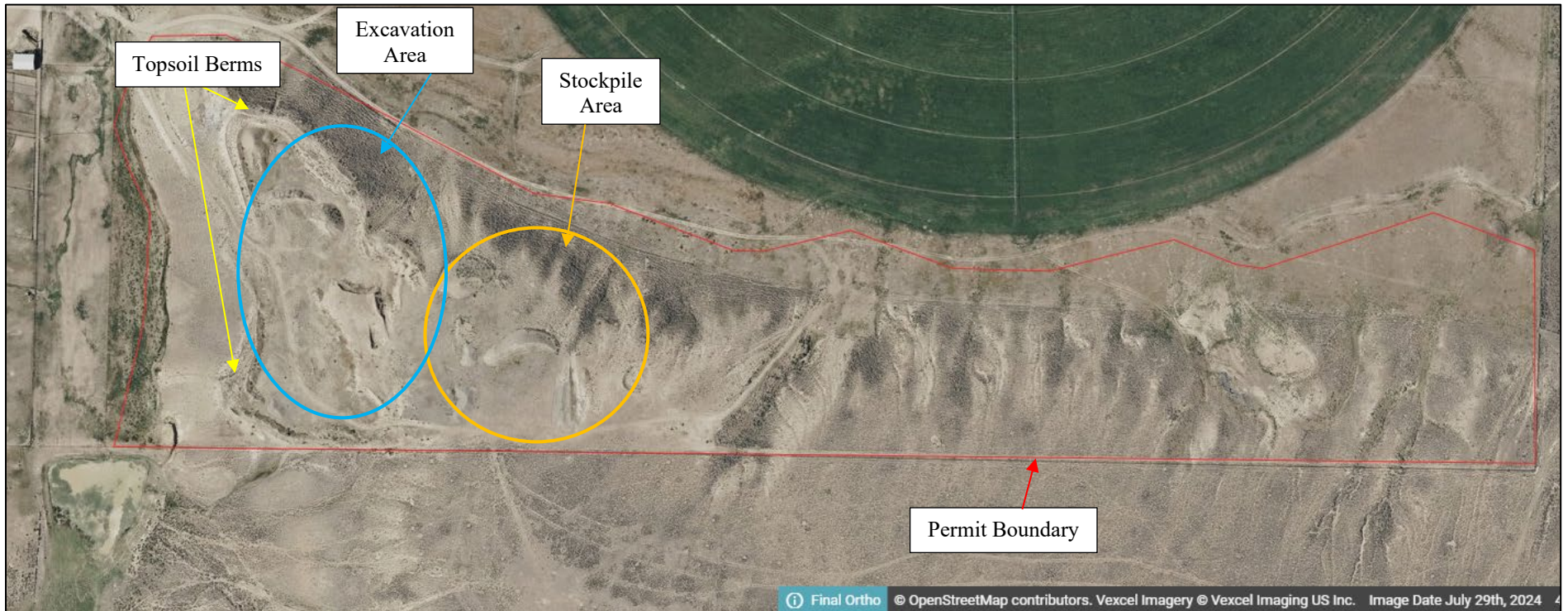


Figure 1: Site map created using Vexcel Imagery from July 29, 2024.

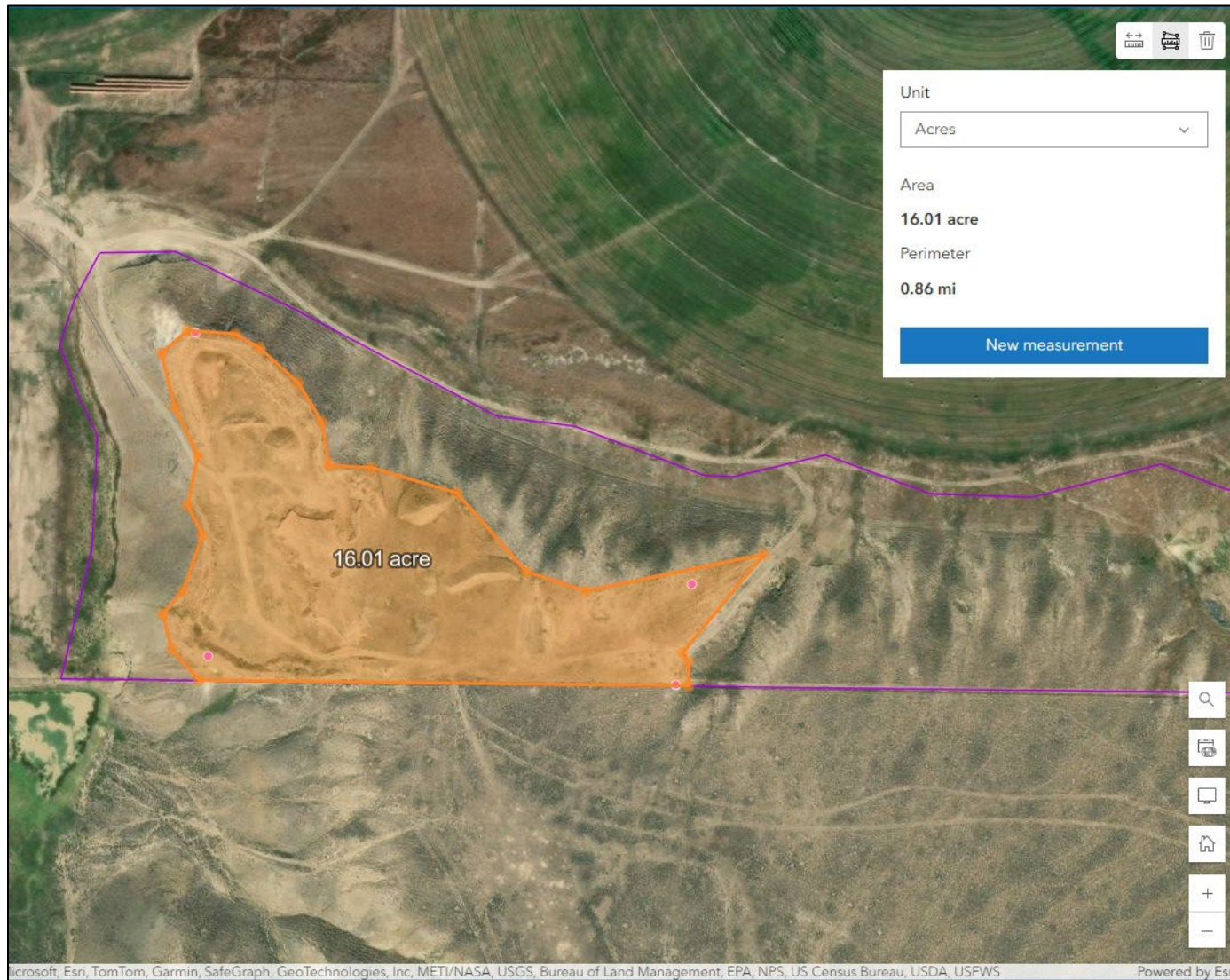


Figure 2: Map created using ArcGIS Online software, depicting the current approximate polygon of disturbed area within the permit boundary.



Inspection Contact Address

Grady Ely
Ely Ranch, LLC
74475 CR 129
Slater, CO 81653

COST SUMMARY WORK

Task description: _____

Site: Flying Triangle Ranch Pit

Permit Action: 2024 Inspection

Permit/Job#: M2008018

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 11/7/2024

County: Moffat

Filename: M018-000

User: HR1

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
01a	Rip compacted areas	RIPPER	1	27.40	\$9,430
02a	Cut and fill 400' excavation bench	DOZER	1	17.92	\$6,060
03a	Push topsoil over 16 ac	DOZER	1	23.24	\$7,857
04a	Reveg 16 ac	REVEGE	1	16.00	\$33,543
05a	Initial mobilization	MOBILIZE	1	5.50	\$4,058
06a	Secondary mobilization	MOBILIZE	1	5.50	\$2,162
<u>SUBTOTALS:</u>				95.56	\$63,110

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$1,275

Performance bond: 1.05

Total = \$663

Job superintendent: 26.92

Total = \$2,134

Profit: 10.00

Total = \$6,311

TOTAL O & P = \$10,382

CONTRACT AMOUNT (direct + O & P) = \$73,492

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$0

Total = \$0

Engineering work and/or contract/bid preparation: 0.00

Total = \$0

Reclamation management and/or administration: 5.00

\$3,675

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$14,057

TOTAL BOND AMOUNT (direct + indirect) = \$77,167

BULLDOZER RIPPING WORK

Task description: Rip compacted areas

Site: Flying Triangle Ranch Pit Permit Action: 2024 Inspection Permit/Job#: M2008018

PROJECT IDENTIFICATION

Task #: 01A State: Colorado Abbreviation: None
Date: 11/7/2024 County: Moffat Filename: 01a
User: HR1

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:	\$173.32	NA
Operating Cost/Hour:	\$109.71	100
Ripper Ownership Cost/Hour:	\$14.53	NA
Ripper Operating Cost/Hour:	\$7.95	100
Operator Cost/Hour:	\$38.59	NA
Total Unit Cost/Hour:	\$344.10	
Total Fleet Cost/Hour:	\$344.10	

MATERIAL QUANTITIES

Selected estimating method: Area

Alternate Methods:

Seismic: NA Bank Volume: NA BCY NA
Area: 16.00 acres Rip Depth (ft): 2.00 Volume: 51,627 BCY or CCY

Source of estimated quantity: Reclamation Plan

HOURLY PRODUCTION

Seismic:

Seismic Velocity: NA feet/second

Area:

Average Ripping Depth: 2.00 feet/pass
Average Ripping Width: 7.08 feet/pass
Average Ripping Length: 100.00 feet/pass
Average Dozer Speed: 88.00 feet/minute
Average Maneuver Time: 0.25 minutes/pass
Production per unit area: 0.703 acres/hour

Job Condition Correction Factors

Unadjusted Hourly Unit Production: 0.703 Acres/hr
Site Altitude: 6,320 feet
Altitude Adj: 1.00 (CAT HB)
Job Efficiency: 0.83 (1 shift/day)
Net Correction: 0.83 multiplier

Adjusted Hourly Unit Production: 0.58 Acres/hr
Adjusted Hourly Fleet Production: **0.58** Acres/hr

JOB TIME AND COST

Fleet size: 1 Grader(s) Total job time: **27.40** Hours

Unit cost: \$589.369 Per acre Total job cost: **\$9,430**

BULLDOZER WORKTask description: Cut and fill 400' excavation benchSite: Flying Triangle Ranch PitPermit Action: 2024 InspectionPermit/Job#: M2008018**PROJECT IDENTIFICATION**Task #: 02AState: ColoradoAbbreviation: NoneDate: 11/7/2024County: MoffatFilename: 02aUser: HR1Agency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D8T - 8SUHorsepower: 310Blade Type: Semi-UniversalAttachment: 3-shank ripperShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$173.32	NA
Operating Cost/Hour:	\$109.71	100
Ripper own. Cost/Hour:	\$14.53	NA
Ripper op. Cost/Hour:	\$1.99	25
Operator Cost/Hour:	\$38.59	NA

Total unit Cost/Hour: \$338.13Total Fleet Cost/Hour: \$338.13**MATERIAL QUANTITIES**Initial Volume: 8,890Swell factor: 1.060Loose volume: 9,423 LCYSource of estimated volume: Mine Plan & inspection observationsSource of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 60 feetUnadjusted hourly production: 1,246.9 LCY/hrMaterials consistency description: Compacted fill or embankment 0.9Average push gradient: -15 %Average site altitude: 6,320 feetMaterial weight: 3,250 lbs/LCYWeight description: Gravel - Pitrun**Job Condition Correction Factor**

		<u>Source</u>
Operator Skill:	0.750	(AVG.)
Material consistency:	0.900	(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:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.708	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.4217

Adjusted unit production: 525.82 LCY/hr

Adjusted fleet production: **525.82** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.643/LCY

Total job time: **17.92** Hours

Total job cost: **\$6,060**

BULLDOZER WORKTask description: **Push topsoil over 16 ac**Site: **Flying Triangle Ranch Pit**Permit Action: **2024 Inspection**Permit/Job#: **M2008018****PROJECT IDENTIFICATION**Task #: **03A**State: **Colorado**Abbreviation: **None**Date: **11/7/2024**County: **Moffat**Filename: **03a**User: **HR1**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D8T - 8SU**Horsepower: **310**Blade Type: **Semi-Universal**Attachment: **3-shank ripper**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$173.32	NA
Operating Cost/Hour:	\$109.71	100
Ripper own. Cost/Hour:	\$14.53	NA
Ripper op. Cost/Hour:	\$1.99	25
Operator Cost/Hour:	\$38.59	NA

Total unit Cost/Hour: **\$338.13**Total Fleet Cost/Hour: **\$338.13****MATERIAL QUANTITIES**Initial Volume: **8,604**Swell factor: **1.125**Loose volume: **9,680 LCY**Source of estimated volume: **4" over 16 ac**Source of estimated swell factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **150 feet**Unadjusted hourly production: **634.3 LCY/hr**Materials consistency description: **Partly consolidated stockpile 1.1**Average push gradient: **-15 %**Average site altitude: **6,320 feet**Material weight: **2,550 lbs/LCY**Weight 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:	0.800	(FND-RF)
Push gradient:	1.329	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.902	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6567

Adjusted unit production: 416.54 LCY/hr

Adjusted fleet production: **416.54** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.812/LCY

Total job time: **23.24** Hours

Total job cost: **\$7,857**

REVEGETATION WORKTask description: Reveg 16 acSite: Flying Triangle Ranch PitPermit Action: 2024 InspectionPermit/Job#: M2008018**PROJECT IDENTIFICATION**Task #: 04AState: ColoradoAbbreviation: NoneDate: 11/7/2024County: MoffatFilename: 04aUser: HR1Agency 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)	\$117.61
Total Tilling Cost/Acre	\$117.61

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Indian Ricegrass - Paloma	1.00	3.24	\$20.53
Bluebunch Wheatgrass - Secar	5.00	16.07	\$52.57
Crested Wheatgrass - Ephraim	2.00	9.18	\$10.98
Canby Bluegrass - Canbar	1.00	21.26	\$14.99
Western Wheatgrass - Arriba	2.90	7.32	\$26.20
Needle and Thread	1.00	2.64	\$81.43
Sagebrush, Mountain or Big	1.00	52.80	\$82.70
Totals Seed Mix	13.90	112.51	\$289.40

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$236.64
Total Seed Application Cost/Acre	\$236.64

MULCHING and MISCELLANEOUS

Materials

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$492.78	\$985.56
Herbicide - Curtail @ 4.0 pt/ac	1.00	ACRE	\$36.14	\$36.14
Total Mulch Materials Cost/Acre				\$1,021.70

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$85.37
Power mulcher (MEANS 32 91 13.16 0350)	\$157.25
Weed spray, truck, non-aquatic area, nox. [DMG]	\$83.26
Total Mulch Application Cost/Acre	\$325.89

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:	16	Cost /Acre:	\$1,991.24
Estimated Failure Rate:	20%	Cost /Acre*:	\$526.04
*Selected Replanting Work Items:	SEEDING		
Initial Job Cost:	\$31,859.84		
Reseeding Job Cost:	\$1,683.33		
Total Job Cost:	\$33,543		
Job Hours:	16.00		

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Initial mobilization**Site: **Flying Triangle Ranch Pit**Permit Action: **2024 Inspection**Permit/Job#: **M2008018****PROJECT IDENTIFICATION**Task #: **05A**State: **Colorado**Abbreviation: **None**Date: **11/7/2024**County: **Moffat**Filename: **05a**User: **HR1**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:	\$10.44	\$22.18	\$23.94
Operating Cost/Hour:	\$26.48	\$54.55	\$55.65
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$59.44	\$122.78	\$125.64

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	\$187.85	\$125.64	1	\$313.49	\$125.64	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	1	\$100.46	\$59.44	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00

Subtotals: **\$500.60** **\$244.52** **\$750.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 15K GVW	\$86.38	1	\$86.38	\$86.38
Light Duty Pickup, 4x4, 3/4 T.	\$57.91	1	\$57.91	\$57.91

Subtotals: **\$144.29** **\$144.29**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: CRAIG, CO
 Total one-way travel distance: 35.00 miles
 Average Travel Speed: 40.00 mph

Total Non-Roadable Mob/Demob Cost * \$3,805.16
 ** two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** \$252.51
 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.88	0.88
Return Time (Hours):	0.88	0.88
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.75	1.75

JOB TIME AND COST

Total job time: 5.50 Hours

Total job cost: \$4,058

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: Secondary mobilizationSite: Flying Triangle Ranch PitPermit Action: 2024 InspectionPermit/Job#: M2008018**PROJECT IDENTIFICATION**Task #: 06AState: ColoradoAbbreviation: NoneDate: 11/7/2024County: MoffatFilename: 06aUser: HR1Agency 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:	\$10.44	\$22.18	\$23.94
Operating Cost/Hour:	\$26.48	\$54.55	\$55.65
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$59.44	\$122.78	\$125.64

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	\$41.02	\$59.44	1	\$100.46	\$59.44	\$250.00
Power Mulcher (Bowie LD-90)	6.00	\$27.21	\$59.44	1	\$86.65	\$59.44	\$250.00

Subtotals: **\$187.11** **\$118.88** **\$500.00****ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Flatbed Truck, 4x2, 15K GVW	\$86.38	1	\$86.38	\$86.38
Light Duty Pickup, 4x4, 3/4 T.	\$57.91	1	\$57.91	\$57.91

Subtotals: **\$144.29** **\$144.29**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: CRAIG, CO
 Total one-way travel distance: 35.00 miles
 Average Travel Speed: 40.00 mph

Total Non-Roadable Mob/Demob Cost * \$1,909.70
 ** two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** \$252.51
 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.88	0.88
Return Time (Hours):	0.88	0.88
Loading Time (Hours):	0.50	NA
Unloading Time (Hours):	0.50	NA
Subtotals:	2.75	1.75

JOB TIME AND COST

Total job time: 5.50 Hours

Total job cost: \$2,162