



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: Sand Arroyo Pit	MINE/PROSPECTING ID#: M-1978-283	MINERAL: Sand and gravel	COUNTY: Huerfano
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: April 9, 2024	INSP. TIME: 10:30
OPERATOR: The Walsenburg Sand and Gravel Company	OPERATOR REPRESENTATIVE: Bev Fodor	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$34,500.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Amber M. Gibson	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 29, 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>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>N</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>N</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>Y</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>Y</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 Sand Arroyo Pit was inspected by Amber Gibson with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the Division's routine monitoring inspection program. The site was last inspected on March 28, 2019 as part of a routine monitoring inspection. Bev Fodor representing the Operator (Walsenburg Sand and Gravel Company) accompanied me during the inspection. The weather was warm and the sky was clear.

The Sand Arroyo Pit is located approximately 6 miles west of Walsenburg, Colorado. The Sand Arroyo Pit is a 112c permit for the removal of sand and gravel from an arroyo that is periodically recharged through runoff. The approved permit area is 67.65 acres with a maximum allowed disturbance of 25 acres. The approved post-mining land use is rangeland.

Availability of Records:

The annual report, map, and fee are paid through, April 24, 2025. There are no outstanding infractions. Since the previous inspection on March 28, 2019, the Operator/Permittee had submitted an Amendment application (AM1). The main purpose of the Amendment was to simplify the configuration of the 112c's boundary lines, and to incorporate the Operator's adjacent 111 site (M-2017-019) into the 112c's permitted boundary. The approval of AM1 in March 2020 increased the permitted acreage from 52 acres to the currently permitted 67.65 acres.

Acid And Toxic Materials:

Two fuel tanks (Photo 1) were observed in the Pre-Permit Concrete Plant Use Area (see Figure 1 and 2). The Operator was informed that the tanks did not have adequate secondary containment structures. The Operator was instructed to install secondary containment structures that consisted of impermeable containment which could contain all contents of the tanks and various containers (when full) plus 10% of the total capacity. Following the inspection, Gary Vezzani (representing the Operator), informed the Division that the fuel storage tanks were empty. The Division reiterates that if they are to contain fuel in the future, secondary containment structures will be required.

Financial Warranty:

The Division currently holds a reclamation bond in the amount of \$34,500 for this site. The Division has estimated the reclamation liability at the site based on what is currently disturbed and found it to be **\$45,686**-- a difference of \$11,186 from the bond currently held. The Division's cost estimate is enclosed with this report. The Operator will have 14 days from the issuance of this report (**until May 13, 2024**) to submit any questions on the cost estimate. If no questions are received, the Division may issue a surety increase notice for the difference. The Operator will have 60 days from the date of the notice to submit and obtain acceptance of the increase in financial warranty from the Division in accordance with Rule 4.2.1(2).

Gen. Compliance with Mine Plan, Hydrologic Balance, and Sediment Control:

The main mining area of this permit is located within an arroyo. This site was originally permitted in 1978, and had been operating for at least 40 years prior to that time. Within the arroyo, sand and gravel that accumulates on the arroyo floor following flooding events is extracted and sold as product. No overburden or waste material is generated at this site.

The Operator stated that mining has not occurred within the arroyo area for many years. This is primarily due to the decrease in flood events in the area over the past 20 years. Due to the unpredictability of such events, mining at this site has been approved for to be conducted as an intermittent operation.

The Operator stated that within recent years, mining has been contained within the upland area (south portion of the permit--previously permitted under the 111). In the upland area, sand and gravel is extracted from on top of a knoll consisting mostly of rocky sand suitable for fill. On the Operator's 2023 annual report (submitted on April 3, 2024), the last reported date of activity was February 15, 2023. Some mining equipment, and piled material along a leveled floor, was observed during the inspection (Photos 2-3). Additionally, the pre-permit concrete washout area was observed (Photo 4). AM1 states that Custer County Concrete is obligated through a lease agreement with the landowners to reclaim this area upon the expiration of the agreement. The Operator has committed to reclaiming this area, and the equipment parking/storage area included into the permit through AM1 that is also part of the lease agreement with Custer County Concrete, only under the condition that this area is re-disturbed by the Operator.

No standing water was observed during the inspection. Mining on the upland area is oriented so that surface water and sediment run-off would not affect lands outside of the permitted area. Additionally, it appears that any water that accumulates within the arroyo would be able to continue flowing through the channel without being impounded.

Within the Pre-Permit Concrete Plant Use Area, equipment storage and concrete slab stockpiles were observed (Photo 5). These features are approved to be located in this area per the mining plan.

Reclamation Success:

The Operator has committed to backfilling and grading mined areas within the arroyo to a 3H:1V slope, with the expectation that they may be destroyed following a flooding event. Some areas that have previously been backfilled and graded were observed during the inspection (Photos 6-7) and appear to be stable at this time. Because mining has not occurred within the arroyo in years, an establishment of willow trees has formed in some of the areas surrounding the channel (Photos 8-9). The areas that have not yet been reclaimed within the channel, if any, are nearly undistinguishable from the existing creek banks (Photos 10-16).

Reclamation has yet occurred in the upland area.

Right of Entry:

The Permittee/Operator is the surface and subsurface owner of the permitted area, and thus maintains legal right of entry.

Signs and Markers:

A mine sign was observed at the east entrance, past the concrete batch plant (Photo 17). However, the sign posted at what had been designated as the main mine entrance through the approval of AM1 still had the now released 111 permit's information on it. Following the inspection, the Operator sent the Division photo evidence indicating that the sign at the south (main) entrance had been updated (Photo 18). Therefore, the mine sign is posted in compliance with Rule 3.1.12(1).

Permit boundary marker coordinates were provided to the Division through Am1. The Division was able to make an approximate permit boundary in Google Earth and ArcGISOnline to use in the field during the

inspection (Figure 1). The Division observed white boundary markers placed around the permit boundary/affected area boundary during the inspection. The markers appear to be posted in compliance with Rule 3.1.12(2).

Topsoil:

Topsoil piles were observed around the site (Photos 19-20). The piles appeared to be stable and out of the way of ongoing mining operations, pursuant to Rule 3.1.9.

Conclusion:

This concludes the Division's Inspection Report; a figure displaying topics discussed during the inspection, and a subset of corresponding photographs that were taken during the time of the inspection, are included below. If you need additional information or have any questions, please contact me by email at amber.gibson@state.co.us or by telephone at (720) 836-0967.

Inspection Contact Address

Bev Fodor
The Walsenburg Sand and Gravel Company
314 State Hwy 10
Walsenburg, CO 81089

Enclosure: 2024 Reclamation Cost Estimate

CC: Gary Vezzani, The Walsenburg Sand and Gravel Company
Jared Ebert, DRMS

PHOTOGRAPHS



Photo 1: Fuel tanks that will require secondary containment if they are to be used again.



Photo 2: Looking north across the upland mining area.



Photo 3: Looking north across the upland mining area. The arrow points to the uphill start of the concrete wash-out.



Photo 4: Looking downslope at the concrete washout.



Photo 5: Looking north-west at the concrete/equipment storage area within the permitted boundary that's part of the lease agreement.



Photo 6: Looking east within the arroyo.



Photo 7: Looking north within the arroyo.



Photo 8: Willow establishment in lowland area.



Photo 9: Willow establishment on top of a bank.



Photo 10: Looking at undisturbed areas along a fence beyond the permit boundary.



Photo 11: Looking east from the western border of the permit boundary.



Photo 12: Looking east from the northernmost part of the arroyo within the permit boundary.



Photo 13: Looking south-east from the center of the arroyo area.



Photo 14: Looking east along an area designated as an active mining area on the Mining Plan map (see Figures 1 and 2 below).



Photo 15: Undisturbed area within the arroyo – natural bank.



Photo 16: Undisturbed area within the arroyo – natural bank.



Photo 17: Mine sign posted at the east entrance within the concrete batch plant area.



Photo 18: (Left) Old 111 information on the mine sign posted at the south (main) entrance during the inspection. (Right) Updated sign posted at the main entrance following the inspection.



Photo 19: Topsoil stockpile in upland area.



Photo 20: Topsoil stockpile south of the channel.

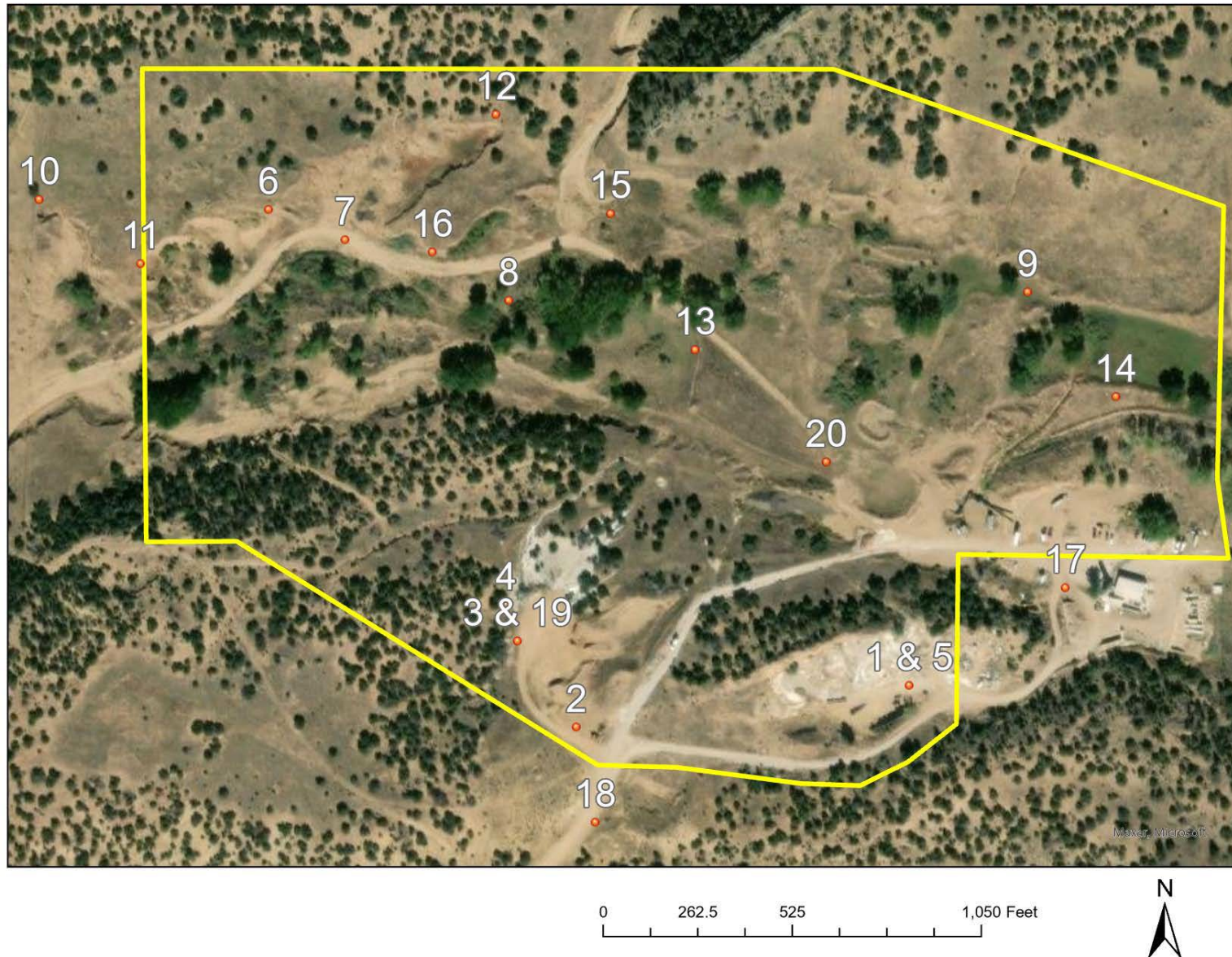


Figure 1: Inspection map generated using Esri ArcOnline and ArcPro. The yellow polygon represents the approximate permit boundary. The red circle icons represent the GPS locations where the corresponding photos were captured in the field.

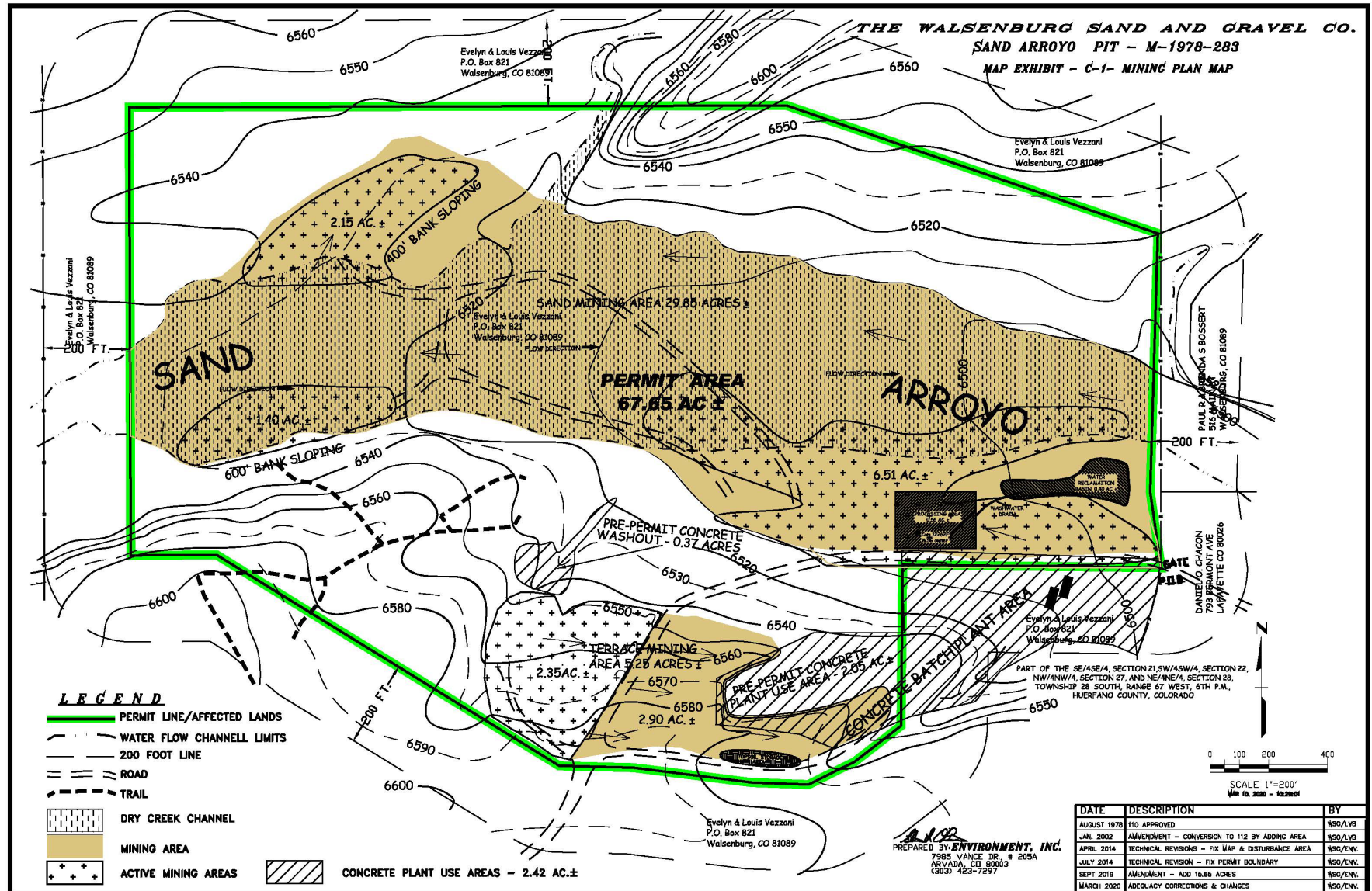


Figure 2: A copy of the approved Mining Plan Map (Sand Arroyo Pit – M-1978-283: Map Exhibit – C-1 – Mining Plan Map).

COST SUMMARY WORK

Task description: Reclamation Cost Summary

Site: Sand Arroyo

Permit Action: 2024 Inspection

Permit/Job#: M1978283

PROJECT IDENTIFICATION

Task #: 000

State: Colorado

Abbreviation: None

Date: 4/26/2024

County: Huerfano

Filename: M283-000

User: AMG

Agency or organization name: DRMS

TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Grade 11.15 acres	DOZER	1	36.19	\$8,977
002	Cut/Fill Highwall	DOZER	1	2.92	\$725
003	Spread 7" Topsoil over 4.5 acres	DOZER	1	14.95	\$3,708
004	Revegetate 11.12 acres	REVEGE	1	12.00	\$19,525
005	Mobilization	MOBILIZE	1	1.56	\$1,698
<u>SUBTOTALS:</u>				67.62	\$34,633

INDIRECT COSTS

OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$700

Performance bond: 1.05

Total = \$364

Job superintendent: 33.81

Total = \$2,200

Profit: 10.00

Total = \$3,463

TOTAL O & P = \$6,727

CONTRACT AMOUNT (direct + O & P) = \$41,360

LEGAL - ENGINEERING - PROJECT MANAGEMENT:

Financial warranty processing (legal/related costs): \$500

Total = \$500

Engineering work and/or contract/bid preparation: 4.25

Total = \$1,758

Reclamation management and/or administration: 5.00

\$2,068

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$11,053

TOTAL BOND AMOUNT (direct + indirect) = \$45,686

BULLDOZER WORKTask description: **Grade 11.15 acres**Site: **Sand Arroyo**Permit Action: **2024 Inspection**Permit/Job#: **M1978283****PROJECT IDENTIFICATION**Task #: **001**State: **Colorado**Abbreviation: **None**Date: **4/26/2024**County: **Huerfano**Filename: **M283-001**User: **AMG**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D7R DS XR Series II**Horsepower: **240**Blade Type: **Semi-Universal**Attachment: **NA**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$114.76	NA
Operating Cost/Hour:	\$91.98	100
Ripper own.		
Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$41.30	NA
Total unit Cost/Hour:	\$248.04	
Total Fleet Cost/Hour:	\$248.04	

MATERIAL QUANTITIESInitial Volume: **9,000**Swell factor: **1.000**Loose volume: **9,000 LCY**Source of estimated volume: **Exhibit L Provided in AM1**Source of estimated swell factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **175 feet**Unadjusted hourly production: **464.9 LCY/hr**Materials consistency description: **Partly consolidated stockpile 1.1**Average push gradient: **0 %**Average site altitude: **6,550 feet**Material weight: **2,650 lbs/LCY**Weight description: **Decomposed rock - 25% Rock, 75% Earth****Job Condition Correction Factor**Operator Skill: **0.750**Source
(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:	0.900	(SSD-FC)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5349

Adjusted unit production: 248.68 LCY/hr

Adjusted fleet production: **248.68** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.997/LCY

Total job time: **36.19** Hours

Total job cost: **\$8,977**

BULLDOZER WORKTask description: **Cut/Fill Highway**Site: **Sand Arroyo**Permit Action: **2024 Inspection**Permit/Job#: **M1978283****PROJECT IDENTIFICATION**Task #: **002**State: **Colorado**Abbreviation: **None**Date: **4/26/2024**County: **Huerfano**Filename: **2**User: **AMG**Agency or organization name: **DRMS****HOURLY EQUIPMENT COST**Basic Machine: **Cat D7R DS XR Series II**Horsepower: **240**Blade Type: **Semi-Universal**Attachment: **NA**Shift Basis: **1 per day**Data Source: **(CRG)****Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$114.76	NA
Operating Cost/Hour:	\$91.98	100
Ripper own.		
Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$41.30	NA
Total unit Cost/Hour:	\$248.04	
Total Fleet Cost/Hour:	\$248.04	

MATERIAL QUANTITIESInitial Volume: **1,600**Swell factor: **1.000**Loose volume: **1,600 LCY**Source of estimated volume: **Exhibit L Provided in AM1**Source of estimated swell factor: **Cat Handbook****HOURLY PRODUCTION**Average push distance: **50 feet**Unadjusted hourly production: **1,022.9 LCY/hr**Materials consistency description: **Partly consolidated stockpile 1.1**Average push gradient: **0 %**Average site altitude: **6,600 feet**Material weight: **2,650 lbs/LCY**Weight description: **Decomposed rock - 25% Rock, 75% Earth****Job Condition Correction Factor**Operator Skill: **0.750**Source
(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:	0.900	(SSD-FC)
Push gradient:	1.000	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	0.868	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.5349

Adjusted unit
production: 547.15 LCY/hr
Adjusted fleet
production: **547.15** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)
Unit cost: \$0.453/LCY

Total job time: **2.92** Hours
Total job cost: **\$725**

BULLDOZER WORKTask description: Spread 7" Topsoil over 4.5 acresSite: Sand ArroyoPermit Action: 2024 InspectionPermit/Job#: M1978283**PROJECT IDENTIFICATION**Task #: 003State: ColoradoAbbreviation: NoneDate: 4/26/2024County: HuerfanoFilename: 3User: AMGAgency or organization name: DRMS**HOURLY EQUIPMENT COST**Basic Machine: Cat D7R DS XR Series IIHorsepower: 240Blade Type: Semi-UniversalAttachment: NAShift Basis: 1 per dayData Source: (CRG)**Cost Breakdown:**

		<u>Utilization %</u>
Ownership Cost/Hour:	\$114.76	NA
Operating Cost/Hour:	\$91.98	100
Ripper own.		
Cost/Hour:	\$0.00	NA
Ripper op. Cost/Hour:	\$0.00	0
Operator Cost/Hour:	\$41.30	NA
Total unit Cost/Hour:	\$248.04	
Total Fleet Cost/Hour:	\$248.04	

MATERIAL QUANTITIESInitial Volume: 4,235Swell factor: 1.000Loose volume: **4,235 LCY**Source of estimated volume: Exhibit L AM1Source of estimated swell factor: Cat Handbook**HOURLY PRODUCTION**Average push distance: 175 feetUnadjusted hourly production: 464.9 LCY/hrMaterials consistency description: Partly consolidated stockpile 1.1Average push gradient: 5 %Average site altitude: 6,600 feetMaterial weight: 2,100 lbs/LCYWeight description: Earth - Loam**Job Condition Correction Factor**Operator Skill: 0.750Source
(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:	0.900	(SSD-FC)
Push gradient:	0.903	(CAT HB)
Altitude:	1.000	(CAT HB)
Material Weight:	1.095	(CAT HB)
Blade type:	1.000	(PAT)

Net correction: 0.6094

Adjusted unit production: 283.31 LCY/hr

Adjusted fleet production: **283.31** LCY/hr

JOB TIME AND COST

Fleet size: 1 Dozer(s)

Unit cost: \$0.876/LCY

Total job time: **14.95** Hours

Total job cost: **\$3,708**

REVEGETATION WORKTask description: **Revegetate 11.12 acres**Site: **Sand Arroyo**Permit Action: 2024 InspectionPermit/Job#: M1978283**PROJECT IDENTIFICATION**Task #: 004State: ColoradoAbbreviation: NoneDate: 4/26/2024County: HuerfanoFilename: 4User: AMGAgency or organization name: DRMS**TILLING**

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$112.82
Weed control spraying (MEANS 31 31 16.13 3100)	\$338.80
Total Tilling Cost/Acre	\$451.62

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Blue Grama - Native	1.00	16.32	\$13.73
Indian Ricegrass - Native	4.00	12.95	\$26.00
Sand Dropseed	0.10	11.94	\$0.98
Yellow Sweet Clover - Madrid	2.00	11.94	\$5.65
Totals Seed Mix	7.10	53.15	\$46.35

Application

Description	Cost /Acre
Drill Seeding (DRMS Survey Cost)	\$232.00
Total Seed Application Cost/Acre	\$232.00

MULCHING and MISCELLANEOUS**Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
Hay, delivered {MEANS 31 25 14.16 1200}	2.00	TON	\$429.79	\$859.57
Total Mulch Materials Cost/Acre				\$859.57

Application

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$74.46

Total Mulch Application Cost/Acre	\$74.46
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JOB TIME AND COST

No. of Acres:	<u>11.12</u>	Cost /Acre:	<u>\$1,664.00</u>
Estimated Failure Rate:	<u>33%</u>	Cost /Acre*:	<u>\$278.35</u>
*Selected Replanting Work Items:	<u>SEEDING</u>		
Initial Job Cost:	<u>\$18,503.68</u>		
Reseeding Job Cost:	<u>\$1,021.43</u>		
Total Job Cost:	<u>\$19,525</u>		
Job Hours:	<u>12.00</u>		

EQUIPMENT MOBILIZATION/DEMOBILIZATIONTask description: **Mobilization**Site: **Sand Arroyo**Permit Action: **2024 Inspection**Permit/Job#: **M1978283****PROJECT IDENTIFICATION**Task #: **005**State: **Colorado**Abbreviation: **None**Date: **4/26/2024**County: **Huerfano**Filename: **5**User: **AMG**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:	\$20.26	\$36.04	\$47.05
Operating Cost/Hour:	\$39.51	\$76.08	\$82.85
Operator Cost/Hour:	\$22.52	\$22.52	\$22.52
Helper Cost/Hour:	\$0.00	\$23.53	\$23.53
Total Unit Cost/Hour:	\$82.29	\$158.17	\$175.95

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 D7R DS XR Series II	32.01	\$114.76	\$158.17	1	\$272.93	\$158.17	\$250.00
Drill/Broadcast Seeder with Tractor	25.00	\$6.73	\$82.29	2	\$178.04	\$164.58	\$250.00

Subtotals: **\$450.97** **\$322.75** **\$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, 4x2, 1/2 T.	\$87.62	1	\$87.62	\$87.62

Subtotals: **\$87.62** **\$87.62**

EQUIPMENT HAUL DISTANCE and Time

Nearest Major City or Town within project area region: WALSENBURG
 Total one-way travel distance: 5.00 miles
 Average Travel Speed: 55.00 mph

Total Non-Roadable Mob/Demob Cost * \$1,681.84
 ** two round trips with haul rig:
 Total Roadable Mob/Demob Cost ** \$15.93
 ** one round trip, no haul rig:

Transportation Cycle Time:

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.09	0.09
Return Time (Hours):	0.09	0.09
Loading Time (Hours):	0.30	NA
Unloading Time (Hours):	0.30	NA
Subtotals:	0.78	0.18

JOB TIME AND COST

Total job time: 1.56 Hours

Total job cost: \$1,698