



STATE OF  
COLORADO

Girardi - DNR, Chris <chris.girardi@state.co.us>

## Alamosa Pit, Permit No. M-2009-094- 2024- Inspection Report and Updated Bond Estimate

1 message

**Girardi - DNR, Chris** <chris.girardi@state.co.us>

Thu, Nov 7, 2024 at 3:21 PM

To: "brittney@asphaltconstructors.com" <brittney@asphaltconstructors.com>

Cc: Jared Ebert - DNR <jared.ebert@state.co.us>

Good afternoon Mr. Stockebrand,

Attached to this email is a copy of the Division's Inspection Report for the inspection conducted on September 6, 2024.

Also attached to this email is the Division's updated bond estimate to complete reclamation at the site.

A hard copy will be sent as well.

Please let me know if you have any questions.

Thanks,  
Chris

Chris Girardi

Environmental Protection Specialist Intern



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

P: (720) 793-3041

Physical: 1313 Sherman Street, Room 215, Denver, CO 80203

Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216

[chris.girardi@state.us.co](mailto:chris.girardi@state.us.co) | <https://drms.colorado.gov/>




**AlamosaPit\_Sept2024InspectionReport\_CostEstimate2024.pdf**  
902K



**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.

<b>MINE NAME:</b> Alamosa Pit	<b>MINE/PROSPECTING ID#:</b> M-2009-094	<b>MINERAL:</b> Sand	<b>COUNTY:</b> Alamosa
<b>INSPECTION TYPE:</b> Monitoring	<b>WEATHER:</b> Foggy	<b>INSP. DATE:</b> September 6, 2024	<b>INSP. TIME:</b> 09:15
<b>OPERATOR:</b> Asphalt Constructors, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Todd Stockebrand	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete	<b>BOND AMOUNT:</b> \$12,914.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Chris Girardi Jared Ebert	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> November 7, 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>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</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>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>N</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**

### **OBSERVATIONS:**

The Alamosa Pit was inspected on September 6, 2024 by Chris Girardi and Jared Ebert with the Division of Reclamation, Mining, and Safety (DRMS) as part of the DRMS's routine monitoring inspection program. The site was last inspected on November 18, 2015. Todd Stockebrand represented Asphalt Constructor's Inc. (Operator) during the inspection. Visibility was poor due to fog.

The Alamosa Pit is a 112c sand operation that permitted area of 89.38 acres and an affected area of 19.57 acres. is located approximately 6 miles northeast of Alamosa, CO. The current land use surrounding the site is rangeland and the approved post-mining land use is rangeland.

A sign was located at the entrance to the site. Affected area boundary markers were observed during the inspection.

### **General Compliance With Mining Plan:**

The site located on moist, sandy and clayey land. Vegetation observed included grease wood, rabbit brush, and minor amounts of weeds. At the time of the inspection, no mining activity was observed. Most of the permit remains unaffected. The mining plan is a 4-phased plan to disturb a maximum of 19.57 acres at once. At the time of the inspection, approximately 5.6 acres were disturbed, and the mining operation was in Phase I. According to the Operator, the lack of activity at the mine is due to low demand for sand construction material on the eastern side of Alamosa. During the spring of 2024, a new pit was dug in the disturbed area. The pit is approximately 8 feet deep (see Photo 3) and maintained a highwall with slopes around 4:1. No standing water was observed in the pit. There was no equipment onsite.

During this inspection, the DRMS observed minor amounts of noxious weeds. Noxious weed species observed were Knapweed, Halogeton, and Russian thistle. In accordance with Rule 3.1.10(6) of the Construction Materials Rules and Regulations governing weed control, the DRMS noted that a Weed Control Plan will need to be employed if noxious weeds spread to the surrounding area.

No problems were observed during the inspection. The Operator is in compliance with the approved mining and reclamation plan.

### **Financial Warranty:**

The Division currently holds a reclamation bond in the amount of \$12,914. for this operation. The Division has estimated the reclamation liability at the site, based on what is currently disturbed and the cost to \$25,843. This is an increase of \$12,929 from the bond currently held. The Operator will have 14 days (November 21, 2024), from the issuance of this report to submit any questions regarding the updated 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).

**PHOTOGRAPHS**



Photo 1: Newly disturbed pit, approximately 8' deep.



Photo 2: Newly disturbed pit area, facing Southwest



Photo 3: Halogeton and Russian thistle weeds.

**Inspection Contact Address**

Asphalt Constructors, Inc.  
7040 W. US Highway 160  
Alamosa, CO 81101

Enclosure

CC:

COST SUMMARY WORK

Task description: Reclaim site

Site: Alamosa Pit Permit Action: 2024 Inspection Permit/Job#: M2009094

**PROJECT IDENTIFICATION**

Task #: 000 State: Colorado Abbreviation: None  
Date: 11/6/2024 County: Alamosa Filename: M094-000  
User: CMG

Agency or organization name: DRMS

**TASK LIST (DIRECT COSTS)**

Task	Description	Form Used	Fleet Size	Task Hours	Cost
001	Revegetate affected area	REVEGE	1	20.00	\$16,097
001A	Weed Control	REVEGE	1	4.00	\$1,355
002	Mobilization to site	MOBILIZE	1	1.82	\$1,375
<b><u>SUBTOTALS:</u></b>				<b>25.82</b>	<b>\$18,827</b>

**INDIRECT COSTS**

**OVERHEAD AND PROFIT:**

Liability insurance:	2.02	Total =	\$380
Performance bond:	1.05	Total =	\$198
Job superintendent:	12.91	Total =	\$1,023
Profit:	10.00	Total =	\$1,883
TOTAL O & P =			\$3,484
CONTRACT AMOUNT (direct + O & P) =			\$22,311

**LEGAL - ENGINEERING - PROJECT MANAGEMENT:**

Financial warranty processing (legal/related costs):	\$500	Total =	\$500
Engineering work and/or contract/bid preparation:	8.59	Total =	\$1,917
Reclamation management and/or administration:	5.00		\$1,116

CONTINGENCY: 0.00 Total = \$0

TOTAL INDIRECT COST = \$7,016

**TOTAL BOND AMOUNT (direct + indirect) = \$25,843**

## REVEGETATION WORK

Task description: Revegetate affected area

Site: Alamosa Pit Permit Action: 2024 Inspection Permit/Job#: M2009094

### PROJECT IDENTIFICATION

Task #: 001 State: Colorado Abbreviation: None  
Date: 11/6/2024 County: Alamosa Filename: M094-003  
User: CMG

Agency or organization name: DRMS

### FERTILIZING

#### Materials

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

#### Application

Description	Cost /Acre
	\$
<b>Total Fertilizer Application Cost/Acre</b>	<b>\$0.00</b>

### TILLING

Description	Cost /Acre
Disc harrowing, 6" deep (MEANS 32 91 13.23 6100)	\$117.61
<b>Total Tilling Cost/Acre</b>	<b>\$117.61</b>

### SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	0.60	23.42	\$17.45
Baltic Rush	0.40	112.40	\$75.41
Cordgrass, Prairie	1.40	5.88	\$129.99
Rabbitbrush, Rubber	0.20	2.98	\$16.68
Western Wheatgrass - Native	0.50	1.26	\$4.50
Saltgrass, Inland	1.00	13.86	\$49.84
Greasewood, Black	0.30	42.13	\$11.72
<b>Totals Seed Mix</b>	<b>4.40</b>	<b>201.94</b>	<b>\$305.60</b>



**Application**

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

**MULCHING and MISCELLANEOUS****Materials**

Description	Units / Acre	Unit	Cost / Unit	Cost /Acre
			\$	\$
<b>Total Mulch Materials Cost/Acre</b>				<b>\$0.00</b>

**Application**

Description	Cost /Acre
	\$
<b>Total Mulch Application Cost/Acre</b>	<b>\$0.00</b>

**NURSERY STOCK PLANTING**

Common Name	No/ Acre	Type and Size	Planting Cost	Fertilizer Pellet Cost	Cost /Acre
					\$
<b>Totals Nursery Stock Cost / Acre</b>					<b>\$0.00</b>

**JOB TIME AND COST**

No. of Acres:	19.57	Cost /Acre:	\$659.85
Estimated Failure Rate:	30%	Cost /Acre*:	\$542.24
*Selected Replanting Work Items:	SEEDING		

Initial Job Cost:	<b>\$12,913.26</b>
Reseeding Job Cost:	<b>\$3,183.49</b>
Total Job Cost:	<b>\$16,097</b>
Job Hours:	<b>20.00</b>

## REVEGETATION WORK

Task description: Weed Control

Site: Alamosa Pit Permit Action: 2024 Inspection Permit/Job#: M2009094

### PROJECT IDENTIFICATION

Task #: 001A State: Colorado Abbreviation: None  
Date: 11/7/2024 County: Alamosa Filename: M094-003A  
User: CMG

Agency 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
Weed control spraying (MEANS 31 31 16.13 3100)	\$338.80
Total Tilling Cost/Acre	\$338.80

### SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
			\$
Totals Seed Mix	0.00	0.00	\$0.00

#### Application

Description	Cost /Acre
	\$

<b>Total Seed Application Cost/Acre</b>	<b>\$0.00</b>
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### **MULCHING and MISCELLANEOUS**

#### **Materials**

<b>Description</b>	<b>Units / Acre</b>	<b>Unit</b>	<b>Cost / Unit</b>	<b>Cost /Acre</b>
			\$	\$
<b>Total Mulch Materials Cost/Acre</b>				<b>\$0.00</b>

#### **Application**

<b>Description</b>	<b>Cost /Acre</b>
	\$
<b>Total Mulch Application Cost/Acre</b>	<b>\$0.00</b>

### **NURSERY STOCK PLANTING**

<b>Common Name</b>	<b>No/ Acre</b>	<b>Type and Size</b>	<b>Planting Cost</b>	<b>Fertilizer Pellet Cost</b>	<b>Cost /Acre</b>
					\$
<b>Totals Nursery Stock Cost / Acre</b>					<b>\$0.00</b>

### **JOB TIME AND COST**

<b>No. of Acres:</b>	<b>4</b>	<b>Cost /Acre:</b>	<b>\$338.80</b>
<b>Estimated Failure Rate:</b>	<b>0%</b>	<b>Cost /Acre*:</b>	<b>\$0.00</b>
<b>*Selected Replanting Work Items:</b>	<b>NONE</b>		

<b>Initial Job Cost:</b>	<b>\$1,355.20</b>
<b>Reseeding Job Cost:</b>	<b>\$0.00</b>
<b>Total Job Cost:</b>	<b>\$1,355</b>
<b>Job Hours:</b>	<b>4.00</b>

**EQUIPMENT MOBILIZATION/DEMOBILIZATION**

Task description: Mobilization to site

Site: Alamosa Pit Permit Action: 2024 Inspection Permit/Job#: M2009094

**PROJECT IDENTIFICATION**

Task #: 002 State: Colorado Abbreviation: None  
Date: 11/6/2024 County: Alamosa Filename: M094-004  
User: CMG

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
Drill/Broadcast Seeder with Tractor	25.00	\$41.02	\$59.44	2	\$200.92	\$118.88	\$500.00

Subtotals:

\$200.92	\$118.88	\$500.00
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**ROADABLE EQUIPMENT:**

Machine Description	Total Cost/hr/ unit	Fleet Size	Haul Trip Cost/hr/ fleet	Return Trip Cost/hr/ fleet
Generic 5-6 cy, 4x2	\$67.88	1	\$67.88	\$67.88
Lube Truck, 4x2, 190 HP	\$41.41	1	\$41.41	\$41.41

Subtotals:

\$109.29	\$109.29
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**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	<u>ALAMOSA</u>	
Total one-way travel distance:	<u>7.00</u>	miles
Average Travel Speed:	<u>45.00</u>	mph
 Total Non-Roadable Mob/Demob Cost *	 <u>\$1,340.60</u>	
** two round trips with haul rig:		
Total Roadable Mob/Demob Cost **	<u>\$34.00</u>	
** one round trip, no haul rig:		

**Transportation Cycle Time:**

	Non- Roadable Equipment	Roadable Equipment
Haul Time (Hours):	<u>0.16</u>	<u>0.16</u>
Return Time (Hours):	<u>0.16</u>	<u>0.16</u>
Loading Time (Hours):	<u>0.30</u>	<u>NA</u>
Unloading Time (Hours):	<u>0.30</u>	<u>NA</u>
Subtotals:	<u>0.91</u>	<u>0.31</u>

**JOB TIME AND COST**

Total job time:	<u>1.82</u>	Hours
Total job cost:	<u>\$1,375</u>	