



## COLORADO

Division of Reclamation,  
Mining and Safety


Department of Natural Resources

### 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> Grisenti Farms Gravel Pit	<b>MINE/PROSPECTING ID#:</b> M-2001-005	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Fremont
<b>INSPECTION TYPE:</b> Surety-Related Inspection	<b>WEATHER:</b> Clear	<b>INSP. DATE:</b> November 2, 2023	<b>INSP. TIME:</b> 10:15
<b>OPERATOR:</b> Continental Materials Corporation	<b>OPERATOR REPRESENTATIVE:</b> Jerald Schnabel	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Surety Related	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$115,600.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>INSPECTOR(S):</b> Timothy Cazier, P.E.	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> November 8, 2023

**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.**

**INSPECTION TOPIC:** Right of Entry

**PROBLEM/POSSIBLE VIOLATION:** Problem: The DRMS is aware of the permittee name change from Continental Materials Corp. to Riverbend Industries Inc. As the site reclamation is not completed, a Succession of Operator application is needed to change the permittee name pursuant to C.R.S. 34-32.5-119.

**CORRECTIVE ACTIONS:** Submit a Succession of Operator application by the Corrective Action Due Date.

**CORRECTIVE ACTION DUE DATE:** 12/08/23

**INSPECTION TOPIC:** Revegetation

**PROBLEM/POSSIBLE VIOLATION:** Problem: Both Russian olive and Tamarisk (salt cedar) trees are present within or have volunteered into the permit area and are becoming established. This is a problem for failure to employ weed control methods for a state listed noxious weed species within the permitted area, and to reduce the spread of weeds to nearby areas as required by Section 3.1.10 (6) of the rule.

**CORRECTIVE ACTIONS:** The operator shall implement the existing weed control plan in accordance with Section 3.1.10 (6) of the Rule. Submit documentation demonstrating completed control methods for Russian olive and Tamarisk trees by the corrective action date.

**CORRECTIVE ACTION DUE DATE:** 1/08/24

## **OBSERVATIONS**

This inspection was conducted as part of a review of the reclamation status as the site has been in final reclamation for five years. The Permittee (Continental Materials Corporation) was represented by Mr. Jerry Schnabel during the inspection. The Grisenti Farms Gravel Pit is located approximately 2 miles south of Penrose, CO. The access road is about 1 mile northeast of the intersection of State Highways 115 and 120. This is a 112c sand and gravel mine.

**Availability of Records:** Annual reports are current, having been filed through May 2023, stating the site is in final reclamation. The previous inspection was on August 11, 2020. The approved post-mine land use is water storage and wildlife habitat. There are no open infractions. Both the surface and minerals are privately owned. DRMS records indicate mining at this site ceased on September 12, 2018. As such the five-year period to complete reclamation ended September 11, 2023. A letter requesting reclamation status was sent to Mr. Schnabel on September 26, 2023.

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

**Backfilling and Grading:** COMPLETED.

**Financial Warranty:** The \$115,600 bond held by the DRMS has not been updated since all the reclamation earthwork was completed. [An updated bond estimate is attached to this report](#). If the Permittee would like to reduce the current required bond, a Surety Reduction request needs to be submitted to the DRMS.

**Fish and Wildlife:** No impact on wildlife was observed. Some waterfowl were observed on the Phase 2 (east) pond.

**Hydrologic Balance:** The site has two water storage ponds. The current substitute water supply plan has been approved by the Colorado Division of Water Resources (DWR) approved through March 31, 2024. [The Permittee should be aware the DRMS cannot release a permit with exposed groundwater until the DWR has approved a permanent augmentation plan.](#)

**Right of Entry:** The DRMS is aware Continental Materials Corp has changed its name to Riverbend Industries. As such the records the DRMS has on file for legal right of entry are no longer valid. Pursuant to C.R.S. 34-32.5-119, the Permittee is required to submit a Succession of Operator (SO) application to the DRMS. **The invalid legal right of entry is cited as a problem on p. 1 of this report.** A letter to this effect was sent to Mr. Schnabel on September 27, 2023.

**Revegetation:** Mr. Schnabel indicated the site had been drill seeded approximately two years ago. Grass has been slow to establish with some areas doing much better than others. Phase 1 (west side) has very little established grass (see **Photos 1 and 2**). Phase 2 has more established grasses (see **Photo 3**) intermixed with kochia and Russian thistle (see **Photo 4**). The kochia and Russian thistle have formed monocultures in some areas. Although these two species are not included in the Colorado Noxious Weeds list, they need to be minimized and replaced with a diverse vegetation mix as approved in the site permit prior to release of reclamation liability. Both Russian olive (see **Photo 5**) and tamarisk (see **Photo 1**) trees were observed within the permit boundary. These are both noxious weed List B species and require treatment. The site has a weed control, approved with technical revision TR-1. **The presence of Russian olive and tamarisk is cited as a problem on p. 1 of this report.**

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: None.

Signs and Markers: The permit sign was properly posted (see **Photo 6**).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed.

Post Inspection Meeting: Problems cited during the inspection included the need for an SO application and the presence of Russian olive and tamarisk within the permit boundary. I told Mr. Schnabel the DRMS revisits bond estimates with each inspection and that an updated bond would be provided with this inspection report.

Please contact Tim Cazier (303)328-5229 or email at [tim.cazier@state.co.us](mailto:tim.cazier@state.co.us) if you have any questions regarding this report.

## **PHOTOGRAPHS**



Photo 1. Small area of established grass on east side of Phase 1 pond (Tamarisk circled).



**PHOTOGRAPHS (cont.)**



Photo 2. No grasses, bare ground or kochia/Russian thistle mix (north side of Phase 1 pond).



Photo 3. Established grasses on SW side of Phase 2 pond (looking NE).



**PHOTOGRAPHS (cont.)**



Photo 4. Kochia and Russian thistle on south side of Phase 2 pond (looking north).



Photo 5. One of several Russian olive trees along Phase 1 pond perimeter ditch (north side).



### PHOTOGRAPHS (cont.)



Photo 6. Permit sign at entrance off Hwy 115 (SO will require name change to Riverbend Industries).

### GENERAL INSPECTION TOPICS

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

(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>N</u>	(EX) EXPLOSIVES----- <u>N</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>N</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>PB</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>Y</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

**Inspection Contact Address**

Jerald Schnabel  
Continental Materials Corporation  
549 E Cucharas Street  
Colorado Springs, CO 80903

Enclosure: 2023 Cost Estimate

ec: DRMS file

# 2023 Cost Estimate

## COST SUMMARY WORK

Task description: Cost Summary

Site: Grisenti Farms Gravel Pit

Permit Action: 2023 Update

Permit/Job#: M2001005

### PROJECT IDENTIFICATION

Task #: T40

State: Colorado

Abbreviation: None

Date: 11/3/2023

County: Fremont

Filename: M005-T40

User: TC1

Agency or organization name: DRMS

### TASK LIST (DIRECT COSTS)

Task	Description	Form Used	Fleet Size	Task Hours	Cost
T41	Reseed monoculture areas	REVEGE	1	10.00	\$43,408
T60	Mob / Demob	MOBILIZE	1	2.00	\$675
<b><u>SUBTOTALS:</u></b>				<b>12</b>	<b>\$44,083</b>

### INDIRECT COSTS

#### OVERHEAD AND PROFIT:

Liability insurance: 2.02

Total = \$890

Performance bond: 1.05

Total = \$463

Job superintendent: 6.00

Total = \$390

Profit: 10.00

Total = \$4,408

TOTAL O & P = \$6,152

CONTRACT AMOUNT (direct + O & P) = \$50,235

#### LEGAL - ENGINEERING - PROJECT MANAGEMENT:

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

Total = \$0

Engineering work and/or contract/bid preparation: 4.25

Total = \$2,135

Reclamation management and/or administration: 5.00

\$2,512

CONTINGENCY: 0.00

Total = \$0

TOTAL INDIRECT COST = \$10,799

**TOTAL BOND AMOUNT (direct + indirect) = \$54,882**



REVEGETATION WORKTask description: Reseed monoculture areasSite: Grisenti Farms Gravel PitPermit Action: 2023 UpdatePermit/Job#: M2001005PROJECT IDENTIFICATIONTask #: T41State: ColoradoAbbreviation: NoneDate: 11/3/2023County: FremontFilename: M005-T41User: TC1Agency or organization name: DRMSFERTILIZING**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
Chisel plowing {DMG}	\$100.40
<b>Total Tilling Cost/Acre</b>	<b>\$100.40</b>

SEEDING

Seed Mix	Rate – PLS LBS / Acre	Seeds per SQ. FT	Cost /Acre
Alkali Sacaton	0.50	19.51	\$14.24
Sand Dropseed	0.25	29.84	\$2.44
Crested Wheatgrass - Fairway	2.00	9.18	\$8.05
Canada Wildrye	1.00	2.64	\$10.84
Sand Bluestem - Garden Co.	3.00	7.78	\$73.58
Intermediate Wheatgrass - Rush	3.00	6.40	\$8.40
Alfalfa - Ranger (inoculated)	2.00	9.64	\$5.10
<b>Totals Seed Mix</b>	<b>11.75</b>	<b>85.01</b>	<b>\$122.64</b>

**Application**

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

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

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

**Application**

Description	Cost /Acre
Crimping, with tractor {DMG survey data}	\$74.46
<b>Total Mulch Application Cost/Acre</b>	<b>\$74.46</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: 25 Cost /Acre: \$1,389.07  
 Estimated Failure Rate: 25% Cost /Acre\*: \$1,389.07  
 \*Selected Replanting Work Items: TILLING,SEEDING,MULCHING

Initial Job Cost: **\$34,726.75**  
 Reseeding Job Cost: **\$8,681.69**  
 Total Job Cost: **\$43,408**  
 Job Hours: **10.00**



**EQUIPMENT MOBILIZATION/DEMOBILIZATION**Task description: **Mob / Demob**Site: **Grisenti Farms Gravel Pit**Permit Action: 2023 UpdatePermit/Job#: M2001005**PROJECT IDENTIFICATION**Task #: T60State: ColoradoAbbreviation: NoneDate: 11/3/2023County: FremontFilename: M005-T60User: TC1Agency 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:**

<b>Available Rig Capacities</b>	<b>0-25 Tons</b>	<b>26-50 Tons</b>	<b>51+ Tons</b>
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
Drill/Broadcast Seeder with Tractor	25.00	\$6.73	\$82.29	1	\$89.02	\$82.29	\$250.00

Subtotals: **\$89.02** **\$82.29** **\$250.00****ROADABLE EQUIPMENT:**

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

**EQUIPMENT HAUL DISTANCE and Time**

Nearest Major City or Town within project area region:	CAÑON CITY	
Total one-way travel distance:	10.00	miles
Average Travel Speed:	40.00	mph

Total Non-Roadable Mob/Demob Cost *	\$674.68
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    \*\* two round trips with haul rig:

Total Roadable Mob/Demob Cost **	\$0.00
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    \*\* one round trip, no haul rig:

**Transportation Cycle Time:**

	Non-Roadable Equipment	Roadable Equipment
Haul Time (Hours):	0.25	0.25
Return Time (Hours):	0.25	0.25
Loading Time (Hours):	0.25	NA
Unloading Time (Hours):	0.25	NA
Subtotals:	1.00	0.50

**JOB TIME AND COST**

Total job time:	2.00	Hours
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Total job cost:	\$675
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