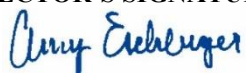




**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

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> Verhoeff Gravel Pit #1	<b>MINE/PROSPECTING ID#:</b> M-2014-025	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Bent
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Amy Eschberger	<b>INSP. DATE:</b> March 8, 2019	<b>INSP. TIME:</b> 11:00
<b>OPERATOR:</b> All-Rite Paving & Redi-Mix, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Herb Pearson	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$133,000.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> March 20, 2019	

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

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

## **OBSERVATIONS**

This was a normal monitoring inspection of the Verhoeff Gravel Pit #1 (Permit No. M-2014-025) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division). Mr. Herb Pearson represented the operator during the inspection. The site is located approximately two miles southwest of Hasty, Colorado in Bent County. Access to the site is from the north off Co Rd JJ. The site is situated about ¼ mile north of the John Martin Reservoir. The affected lands are owned by Verhoeff Farms, Inc. **Photos 1-6** taken during the inspection are attached with this report.

This is a 112c operation permitted for 250 acres to mine sand and gravel for use in road construction and utility infrastructure. The approved maximum disturbance at any time is 50 acres. The site will be mined through a series of five (50-acre) phases, starting at the southern end of the permit area, and progressing northward (see enclosed mining plan map). On-site processing will include crushing, screening, and washing of mined material, as well as asphalt production, as needed. The portable processing plant will move with the active mining phase, being located on the ground surface during the initial mining phase, but then moved to the pit floor once the pit is developed. The maximum mining depth is approximately 25 feet (including 10-15 feet of overburden). No groundwater will be encountered during mining. Pit walls will be maintained at a 3H:1V slope gradient. Salvaged topsoil will be stockpiled around the perimeter of each phase. Waste rock, fines, and overburden will be stored on the pit floor. Perimeter stormwater berms will be constructed of overburden and fines as mining progresses.

The operation will maintain a minimum mining setback of 50 feet from Co Rd JJ, 25 feet from the permit boundaries, and 50 feet from the landowner's well located in the southeastern portion of the permit area. Additionally, an overhead power line runs east-west across the northern portion of the permit area, from which the operation will maintain a 75-foot radial setback from the poles, and a 50-foot setback from the center of easement (100-foot easement) of the power line. No setback is specified for the landowner's existing cattle corrals, which are present at the eastern edge of the site.

The approved post-mining land use for the site is rangeland. The operation will complete reclamation concurrently with mining. All disturbed land will be graded to 3H:1V or flatter. Overburden/waste rock will be placed on pit slopes and the pit floor as quantity allows. All disturbed land will be retopsoiled at a depth of 6 inches, and revegetated with a rangeland grass mixture. Any interior haul roads will be reclaimed. There will be no permanent structures requiring demolition for reclamation.

At the time of the inspection, the weather was partly cloudy and cool. A permit sign was posted at the main site entrance off of Co Rd JJ. The permit boundary was delineated by a property fenceline (4-strand barbed wire fence). An electric fence has been installed along the southern edge of mining phase 3, near the cattle corrals. An existing ranch road runs down the eastern edge of the permit area, and has not yet been improved/widened for use by the operation. No mining activities have begun at the site. The permit area consists of undisturbed rangeland. Mr. Pearson was not sure when operations might begin at the site. Nothing in the Construction Materials Act and Rules requires operations to commence within a specified timeframe after permit approval. As long as the land is undisturbed by the operation, Rule 3.1.3 regarding time limit and phased reclamation (complete reclamation within 5 years of mining) does not apply.

No problems were observed during the inspection. The currently held financial warranty in the amount of \$133,000.00 is determined to be adequate, as no mining disturbances have occurred at the site at this time.

## PHOTOGRAPHS



**Photo 1.** View of permit sign posted at main site entrance off Co Rd JJ.



**Photo 2.** View looking west across undisturbed northern portion of permit area (mining phase 5).





**Photo 3.** View looking northwest across northern portion of permit area, showing overhead power line which runs east-west across the permit area. The operation will maintain setbacks from the poles and utility easement.



**Photo 4.** View looking south, showing existing ranch road along eastern edge of permit area.





**Photo 5.** View looking northeast, showing existing cattle corrals at eastern edge of permit area, between mining phases 2 and 3.



**Photo 6.** View looking west down electric fence installed across permit area, along southern boundary of mining phase 3.

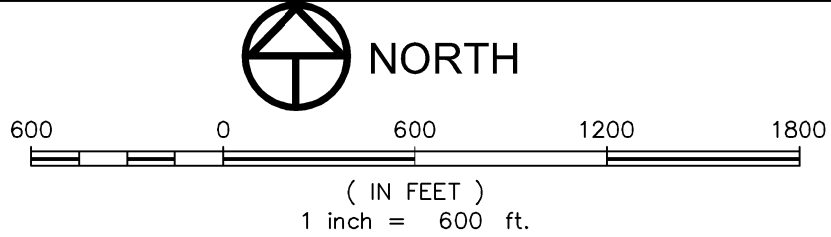
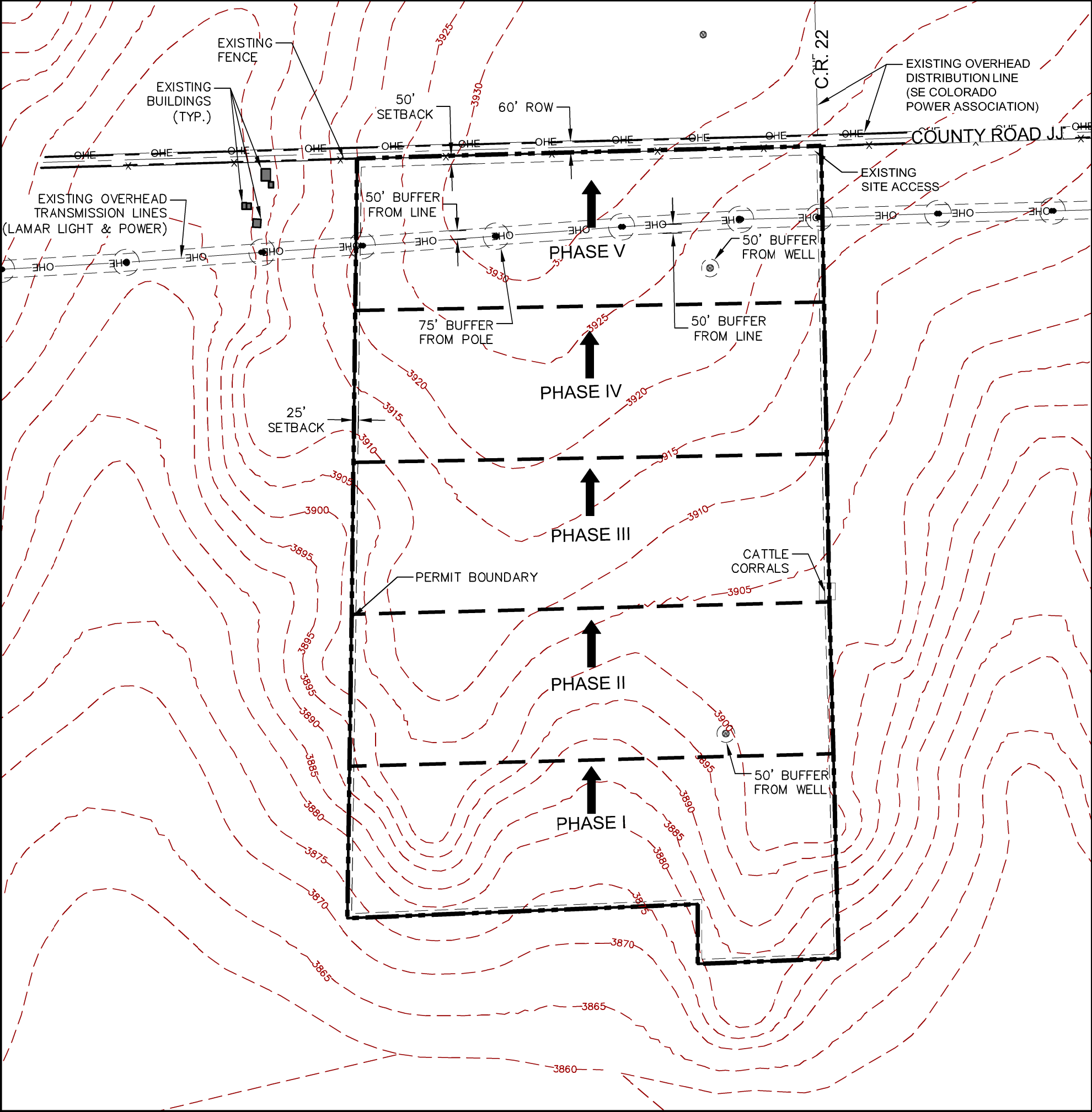
**Inspection Contact Address**

Jodi Schreiber  
All-Rite Paving & Redi-Mix, Inc.  
P.O. Box 165  
Canon City, CO 81212

Encl: Approved mining plan map

CC: Michael Cunningham, DRMS



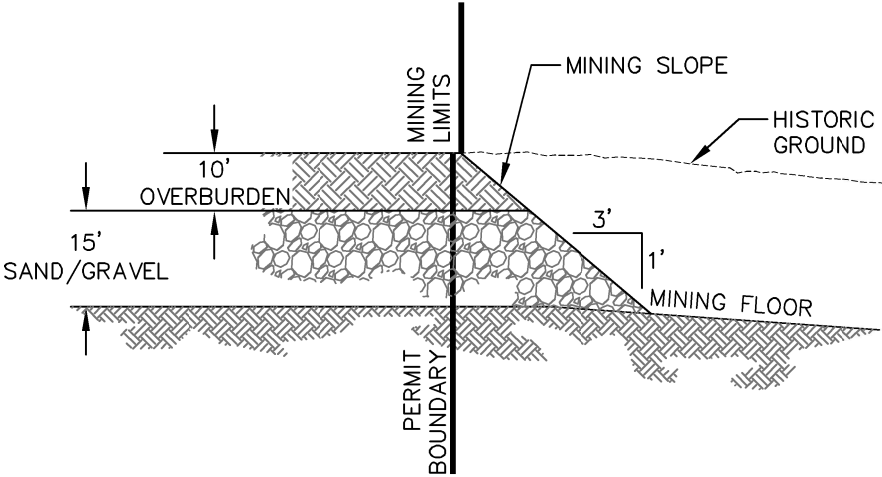


**LEGEND:**

- PERMIT BOUNDARY:
- MINING PHASE BOUNDARY:
- LIMITS OF MINING:
- EXISTING ROAD:
- EXISTING 5 FOOT CONTOUR:
- MINING DIRECTION:

**NOTES:**

1. Adjacent land uses are primarily agricultural.
2. Mining activities will include scrapers, excavators, loaders, and haul trucks. On-site processing includes portable crushing, screening, and washing aggregate products. Finished aggregate products are stockpiled adjacent to the processing facility. A portable asphalt plant may also be used on-site if required for specific projects.
3. Approximately 5 to 10 feet of overburden material will be removed prior to aggregate mining. Once overburden is removed, it is estimated that between 10 and 15 feet of the sand and gravel deposit will be mined.
4. Mining will occur in five phases of approximately 50 acres each.
5. No groundwater will be encountered during mining.
6. Mining will not create highwalls and will excavate 3H:1V pit slopes as mining progresses.
7. The configuration of internal haul roads will be adjusted as mining progresses.
8. Topsoil and overburden not immediately used for reclamation will be stockpiled on the pit floor.
9. Best Management Practices will be used to limit the discharge of stormwater sediment onto adjacent properties and waterways.



TYPICAL MINING SECTION

blueearth  
solutions

Will Verhoeff  
WILLIAM SCHENDERLEIN

REGULAR 112 PERMIT APPLICATION  
ALL RITE PAVING AND REDI-MIX - LAMAR DIVISION

VERHOEFF GRAVEL PIT #1  
BENT COUNTY, COLORADO

SHEET **3** OF 3

SCALE: 1" = 600'  
DATE: March, 2014