




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: Sharp Gravel Pit	MINE/PROSPECTING ID#: M-2012-036	MINERAL: Aggregate	COUNTY: Bent
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Eschberger	INSP. DATE: March 8, 2019	INSP. TIME: 11:30
OPERATOR: All-Rite Paving & Redi-Mix, Inc.	OPERATOR REPRESENTATIVE: Herb Pearson	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$60,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 19, 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 Sharp Gravel Pit (Permit No. M-2012-036) 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 one mile southwest of Hasty, Colorado in Bent County. Access to the site is from the north off Co Rd JJ. The site is situated about ½ mile north of the John Martin Reservoir. The affected lands are owned by Leo and Mildred Sharp. **Photos 1-4** taken during the inspection are attached with this report.

This is a 112c operation permitted for 320 acres to mine sand and gravel for use in road construction and utility infrastructure. The approved maximum disturbance at any time is 27 acres. The site will be mined through a series of four phases (Phases 1A, 1B, 2, and 3). On-site processing will include crushing, screening, and washing of mined material, as well as asphalt production, as needed. Material processing will occur in the northwestern portion of the site for the duration of the operation. The maximum mining depth is approximately 30 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 overburden and topsoil, not immediately used for reclamation, will be stored separately on the pit floor. The operation will maintain a minimum mining setback of 50 feet from Co Rd JJ, and 25 feet from the permit/property boundaries. 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.

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 at a depth of approximately one foot, and on the pit floor as quantity allows. All disturbed land will be retopsoiled at a depth of 4-6 inches, and revegetated with a rangeland grass mixture. Any interior haul roads constructed by the operation will be reclaimed. There will be no permanent structures requiring demolition for reclamation.

The Division approved a surety reduction for the site on September 19, 2013 to reduce the required financial warranty from \$133,000.00 to \$60,000.00. This reduction reflected the changes made to the mining plan in Technical Revision No. 1 (TR-1; see enclosed mining plan map), which split the previously approved 70-acre Phase 1 into two phases, Phase 1A (27 acres) and Phase 1B (43 acres). The reduced bond only covers disturbance of Phase 1A at this time. Prior to moving into Phase 1B, the operator would need to submit a Technical Revision to increase the maximum allowed disturbance. At that time, the required financial warranty for the operation would be reassessed.

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 rectangular shaped permit boundary was delineated by a property fenceline (4-strand barbed wire fence). 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.

PHOTOGRAPHS



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



Photo 2. View looking northwest across undisturbed northwestern portion of permit area, where material processing will occur.



Photo 3. View looking south across undisturbed western edge of permit area. Note barbed wire fence (at far right) marking western permit/property boundary.



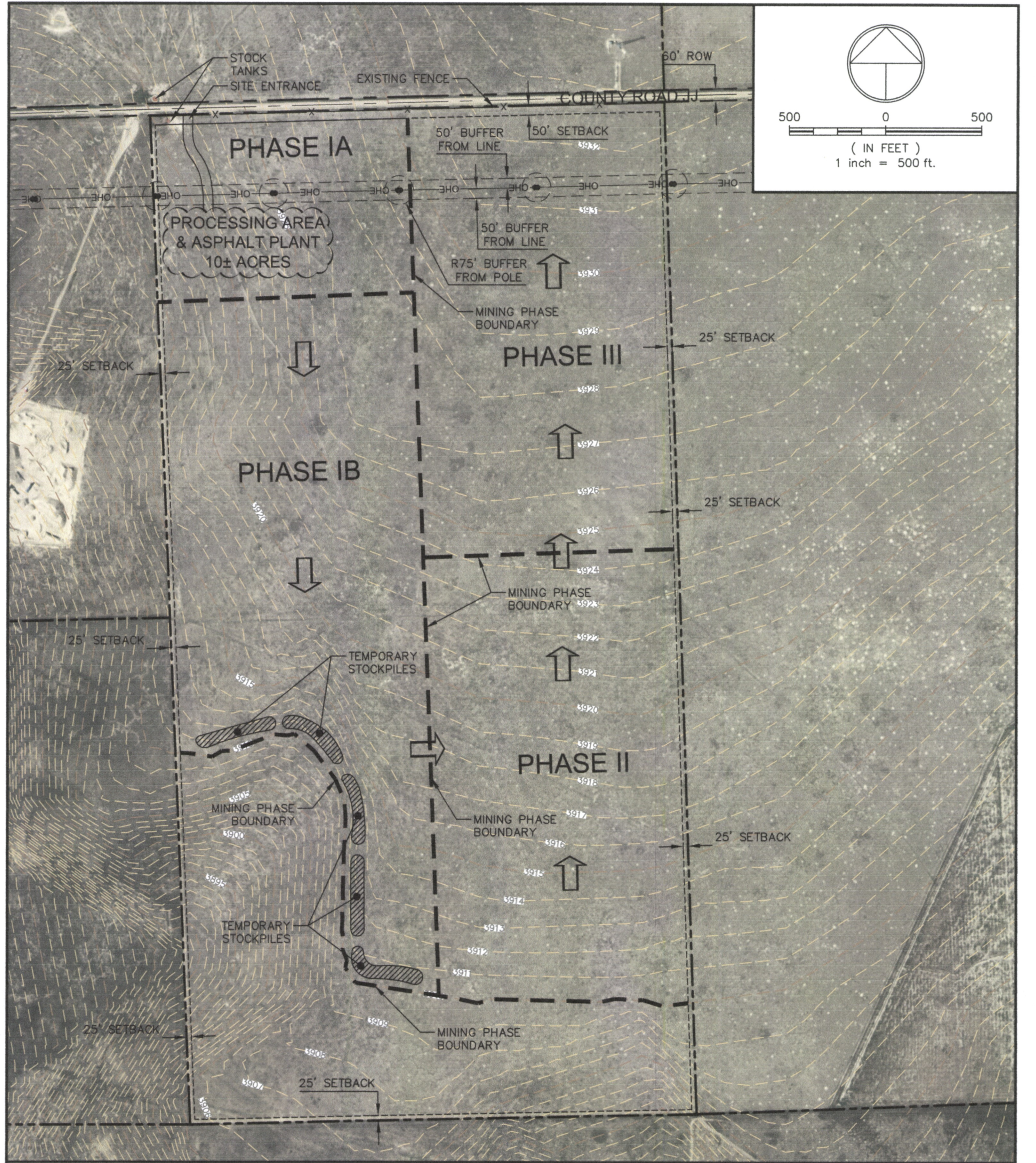
Photo 4. View looking southeast across northern portion of permit area, showing overhead power line which runs east-west across the permit area. The operation will maintain setbacks from the poles and utility easement.

Inspection Contact Address

Jodi Schreiber
All-Rite Paving & Redi-Mix, Inc.
P.O. Box 165
Canon City, CO 81215

Encl: Mining Plan Map, approved with TR-1 in 2013

CC: Michael Cunningham, DRMS

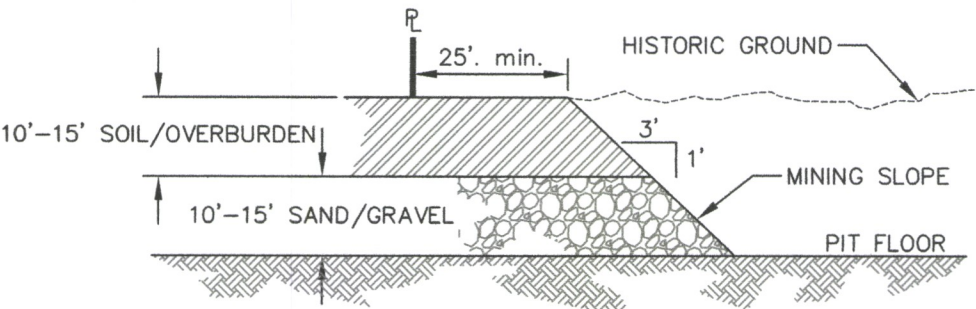


NOTES:

- 1. Adjacent land uses are primarily agricultural.
- 2. Mining activities will include scrapers, excavators, loaders, and haul trucks. On-site processing includes crushing, screening, and washing aggregate products and asphalt production. Finished aggregate products are stockpiles adjacent to the processing facility.
- 3. Approximately 10 to 15 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. No groundwater will be encountered during mining.
- 5. Mining will not create highwalls and will excavate 3H:1V pit slopes as mining progresses.
- 6. Topsoil and waste rock/overburden not immediately used for reclamation will be stockpiled on the pit floor.
- 7. If possible, material at the southern part of Phase I will be left in place during mining to prevent mine pit stormwater drainage from leaving the site
- 8. Best Management Practices will be used to limit discharge of sediment onto adjacent properties and waterways.

LEGEND:

- Property Line/Proposed Permit/Affected Area Boundary
- Mining Setback Line
- Mining Phase Boundary
- Mining Direction



TYPICAL MINING SECTION

N.T.S.