




**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> Kiewit Carr Sand & Gravel	<b>MINE/PROSPECTING ID#:</b> M-2020-029	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Preoperation Inspection	<b>INSPECTOR(S):</b> Daniel Cunningham	<b>INSP. DATE:</b> August 12, 2020	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Kiewit Infrastructure Co.	<b>OPERATOR REPRESENTATIVE:</b> Jared Dains	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Preoperation Inspection	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> No Bond Held	
<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> August 21, 2020	

**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>N</u>	(RD) ROADS----- <u>Y</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>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>N</u>	(FW) FISH & WILDLIFE----- <u>Y</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>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</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**

This was an 112c pre operation Inspection conducted at the Kiewit Carr Sand & Gravel mine site by DRMS representative DJ Cunningham. Mr. Jared Dains (Applegate Group, Inc.) was present during the inspection representing the Operator. This site is a proposed 640 acre, 112c application.

At the time of the inspection, the site was dry and had evidence of recent cattle grazing. The notice sign was posted at the entrance. The site is largely grassland with a river that runs through the middle of the permit. The operation plans for a 300 foot offset from the river. General topography of the land slopes towards the south east from a hill on the Northwestern section of the permit. The mine pit will be about 30 feet deep and all slopes will be graded to a 3H:1V before being top soiled and seeded for reclamation.

During the inspection, two small ponds were noted on the site that are not featured in the permit. The Operator will need to update the permit application with all required information for the two ponds. If the Operator intends to drain the pond, permission from the land owner will first need to be obtained and an explanation of how the Operator will follow Rule 3.1.6.

It was clarified during the inspection that the permitted area is 640 acres, while the affected area is 541. The first page of the application will need to be resubmitted with the correct permitted area. In addition to the clarification of the permit acreage, several possible areas of where the Operator intends to cross the river were shown during the inspection. It appears these potential river crossing areas are not currently included in the proposed 541 acres of affected land. Should the Operator desire to affect additional acreage then what is currently proposed, they will need to file and obtain approval of an Amendment. The Operator will need to revise the affected acreage to include the area where the river crossing will happen within the permit area.

A USGS marker was found during the inspection. The Operator will need to contact the USGS for further instructions on whether or not the marker can be removed. This information will need to be added to the permit application as well.

The Operator has agreements for all structures within 200 feet of the mine site except one county road that is adjacent to the northwestern corner. The Operator will need to obtain a structural agreement for that road or otherwise comply with Rule 6.4.19.

There will be an additional adequacy review sent out by the Division in regards to this inspection at a later date.

**PHOTOGRAPHS**



Pond found on the permit site



USGS Marker





Public Notice



Permit facing South





River on the permit



Permit facing West

**Inspection Contact Address**

Jared Dains  
Kiewit Infrastructure Co.  
160 Inverness Drive West  
Englewood, CO 80112

Enclosure

CC: