




**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> Heit Sand and Gravel Mine	<b>MINE/PROSPECTING ID#:</b> M-2003-016	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Surety-Related Inspection	<b>WEATHER:</b> Snowing	<b>INSP. DATE:</b> February 15, 2023	<b>INSP. TIME:</b> 09:30
<b>OPERATOR:</b> City and County of Broomfield	<b>OPERATOR REPRESENTATIVE:</b> Brennan Middleton	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b>	<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>INSPECTOR(S):</b> Eric Scott	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> February 16, 2023	

**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>NA</u>	(RD) ROADS----- <u>NA</u>
(HB) HYDROLOGIC BALANCE----- <u>NA</u>	(BG) BACKFILL & GRADING----- <u>Y</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>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

This was an inspection of the Heit Pit conducted by DRMS representative Eric Scott in accordance with the requirements of the succession of operators' revision (permit transfer) SO4 from Pioneer Sand and Gravel to the City and County of Broomfield. DRMS received the complete SO4 application package on February 8, 2023. DRMS met the Successor Operator Representative, Kyle Regan of Civil Resources at the site entrance and observed the current site conditions. The site identification sign was observed at the site entrance, but will need to be updated (photo 1), and the permit area is defined by established fencing.

Final reclamation of the site is well underway. All Pioneer Sand mining equipment and structures have been removed from the site. The slurry wall liner has been approved by SEO, and the final interior sloping of the pit walls has been completed. The perimeter area at the top of the pit has recently been seeded and mulched.

As shown in the included photos, a significant amount of material remains in the pit (photo 2). This material will be removed and utilized by Broomfield, or regraded prior to final release of the permit. Weed control measures will also need to be maintained until the permit is released.

No compliance issues were noted during the inspection. DRMS will approve and process the Succession of Operators' revision SO4. Final approval paperwork will be issued to both parties under separate cover from this inspection.

DRMS would like to remind Broomfield at this time that there is an existing permit requirement for monthly reporting of water levels to DRMS from the existing site monitoring wells. This reporting will remain in place until the permit is modified by Broomfield to remove this requirement, or the site is reclaimed/released and the permit terminated.

### **Inspection Contact Address**

Brennan Middleton  
City and County of Broomfield  
3951 West 144th Avenue  
Broomfield, CO 80023

## PHOTOGRAPHS



Photo 1 - Site identification sign at site entrance will need to be updated.



Photo 2 - remaining material in pit will be removed or regraded by Broomfield prior to final release.