




**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> Tucson South Resource	<b>MINE/PROSPECTING ID#:</b> M-2004-044	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Adams
<b>INSPECTION TYPE:</b> Preoperation Inspection	<b>INSPECTOR(S):</b> Patrick Lennberg	<b>INSP. DATE:</b> December 8, 2021	<b>INSP. TIME:</b> 11:30
<b>OPERATOR:</b> Aggregate Industries - WCR, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Gary Linden and Roger Wingate	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Preoperation Inspection	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$3,505,000.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> December 13, 2021	

**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>N</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>Y</u>	(FW) FISH & WILDLIFE----- <u>N</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**

The Tucson South Resource site was inspected by Patrick Lennberg with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was a Pre-Operation inspection for amendment application 2 (AM-2), received by the Division on September 9, 2021. The site was previously inspected by the Division on September 23, 2021 to verify the conveyor corridor approved in AM-1 was undisturbed. Gary Linden (Civil Resources), representing the operator Aggregate Industries (AI), and Roger Wingate accompanied me during the inspection. The weather was cloudy and cool.

The Tucson South Resource site is located in Adams County approximately 0.75 miles west of Brighton, Colorado. Currently, the site is permitted for 283.4 acres with a maximum allowed disturbance of 243.8 acres. Mining activities have begun at the site. AI was installing the slurry wall on both sides of Tucson Street. Additionally, the underdrain was being installed along the West Cell (west side of Tucson Street). The underdrain is being installed ahead of the slurry wall construction.

AI is proposing to remove approximately 3.3 acres that comprise the previously approved conveyor belt corridor and add approximately 7.7 acres for a newly aligned conveyor belt corridor for a total of 4.4 acres of new affected through the approval of AM-2. The old corridor is located on the east side of Tucson Street going north to 168<sup>th</sup> Avenue then turning right for ~0.25 miles. The new corridor is located on the west side of Tucson Street going north to 168<sup>th</sup> Ave within property owned by City of Aurora and adjacent to Challenger Reservoir. At the intersection the conveyor would turn left for ~400 feet where it is proposed the conveyor would cross under 168<sup>th</sup> Ave. On the north side of 168<sup>th</sup> Ave the conveyor would be located on the west side of Weld County Road (WCR) 23 ½ moving north for ¾ mile. At the intersection of Weld County roads 23 ½ and 23 ¾ the conveyor will enter the Wattenburg Lakes permit M2004-051.

Amendment notice signs were viewed to be visible by the public near the intersections of Hwy 7 and Tucson Street, 168<sup>th</sup> Ave and Tucson St, along WCR 23 ½, and at the primary mine entrance.

During the inspection of the proposed corridor along WCR 23 ½ the Division recommended the operator find a more permanent method of marking the permit boundary instead of the wooden lath currently used. Laths in a few locations were missing either through field cultivation or missing for other reasons. The Division also viewed the Struck driveway that will be relocated to the north side of the Struck property to allow for the conveyor. A comment received by the Division from CPW noted they prefer the conveyor corridor not be fenced.

Three timely objections were received during the public comment period.

During the inspection the operator stated they had recently received approval for the fence design along Tucson St from Adams County. They are hoping to begin fence construction in the next week.

Overall, the amendment area appears to conform to the descriptions and depictions included in the AM-2 application submittals.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at [patrick.lennberg@state.co.us](mailto:patrick.lennberg@state.co.us) if you have any questions regarding this report.

**Inspection Contact Address**

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## PHOTOGRAPHS



**Photo 1:** Notice sign at 168<sup>th</sup> Ave and Tucson St.



**Photo 2:** Notice at the primary mine entrance





**Photo 3:** Notice at the along WCR 23 ½



**Photo 4:** Notice near the intersection of Hwy 7 and Tucson St.





**Photo 5:** Mine sign at entrance



**Photo 6:** Looking north along WCR 23 ½, conveyor corridor is on the left



**Photo 7:** Looking south along WCR 23 ½, conveyor corridor is on the right



**Photo 8:** Looking south at the intersection of WCR 23 ½ and 23 ¾, conveyor corridor approximate limits are marked by laths





**Photo 9:** Looking north along conveyor corridor centerline, limits are marked by laths



**Photo 10:** Looking north along conveyor corridor centerline into the Challenger Res. area





**Photo 11:** The beginning of the northern underdrain construction



**Photo 12:** Mine entrance on the west side of Tucson St.