




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: West Farm Pit	MINE/PROSPECTING ID#: M-2008-078	MINERAL: Gravel and sand	COUNTY: Prowers
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Brock Bowles	INSP. DATE: February 19, 2021	INSP. TIME: 08:00
OPERATOR: Prowers Aggregate Operators, LLC	OPERATOR REPRESENTATIVE: JC York	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Preoperation Inspection	BOND CALCULATION TYPE: None	BOND AMOUNT: \$1,881,294.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: March 1, 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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</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>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>N</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 a pre-operation inspection conducted in response to the Amendment Application No. 2 (AM-02) for the West Farm Pit, File No. M-2008-078. Brock Bowles and Michael Cunningham of the Div. of Reclamation, Mining and Safety conducted the inspection. J.C. York (J&T Consulting), Roy Cue and Justin Rangel (Prowers Aggregate) were present for the inspection. The weather during the inspection was clear, cold (25 F) and the ground was partly snow covered.

The Division received the AM-02 application on December 8, 2020 and deemed it complete for filing purposes on December 21, 2020. The operator submitted the affidavit of publication to the Division on February 4, 2021. The required public notice ran in the Lamar Ledger on December 31, January 7, 14 and 21, 2021. The comment period closed on February 10, 2021. Comments were received from CPW, History Colorado, Brian and Karen Nunnery, and the City of Lamar. All comments received were forwarded to the operator. The mine site is located about 2 miles east of Lamar. The AM-02 application proposes to add 1,028.04 acres for a total of 1,310.64 permitted acres for the purpose of mining sand and gravel. The decision date for this application is March 22, 2021.

The mine entrance sign (Rule 3.1.12) and public notice required by Rule 1.6.2(1)(b) were posted at the entrance and visible from County Road HH.5 (photo 1).

The inspection began on the western side of the AM-02 proposed mining area (Phase 3), moved east through the active mining area and concluded in the eastern most proposed mining area (Phase 6). This report follows the path of the inspection which is different than the proposed order of mining phases.

Phase 3 area – This area is the western most phase that will be mined. The land is currently used for agriculture and it contains 2 irrigation pivots, an irrigation pond and a supply ditch. The ditch runs along the southern border within the proposed permit boundary (photo 2). The southern permit boundary is the property line delineated by a fence. Ground water monitoring wells (photo 3) were installed around Phase 3 in January 2021 to collect baseline data. The current location of the SE Colorado Power buried electric line was marked with marker flags.

Phase 8 area – This area is located between CR HH .8 and CR HH .5, and between the Lamar Canal and the highway realignment parcel. The current land use is agricultural and there is 1 irrigation pivot. Phase 8 will be mined after Phase 3 to minimize potential conflict with the CDOT highway construction project. The highway project has not begun and a timeline is not known at this time. A ditch on the southern boundary was not identified on the maps. This ditch needs to be labeled on the maps and the owner of the ditch needs to be identified. A second ditch was noted on the western boundary between the Lamar Canal and permit boundary (photo 4). This ditch needs to be labeled on the maps and the owner needs to be identified. Ground water monitoring wells were installed on the southern and western boundaries (photo 5). The permit boundary is the western fenceline.

Parcel B (loadout area) – The permit boundary markers were in place on the western border. The southern boundary is along the railroad track and no markers were in this area because of load out operations. The eastern corner marker by the tracks was in place. This area contained a portable conveyor belt system and stockpiles of product ready for shipment (photo 6).

Phase 9 area – This area is the southern part of the active mining area. Overburden is being stacked on the western side of this area between the highway parcel and the mine access road. This overburden is expected to be used for the elevated portions of the highway realignment project. The middle section contained various stockpiles and 4 finger shaped sediment ponds.

Phase 2 area – The 2 wash plants were located in the western side of this area. Neither plant was in operation due to the prolonged freezing weather conditions. The wash plant sediment ponds west of Phase 2 contained water and

were frozen (photo 7). The crusher and screen plants were in operation. Conveyors were moving material from the bottom of the pit to the screen plant (photo 8). An excavator and a series of articulating trucks were moving overburden from the east end of the pit to the overburden stockpile in Phase 9. The perimeters of the pit were mined to approximately 3h:1v slopes.

Phase 4 area- This area is currently used for agriculture and contains 2 irrigation pivots and an irrigation pond. The water supply ditch that supplies water to the irrigation pivots is located 85 feet south of this mining area and will remain as part of the post mining land use. The triangle shaped irrigation pond will be mined through (photo 9).

Phase 7 area- This area is currently used for agriculture and contains 3 irrigation pivots. The access road runs between Phases 7 and 4. There are overhead power lines and a gas line under the road. According to Mr. York, the gas line is abandoned. The gas line will be addressed through the adequacy process. The structures on the east side of Phase 7 all appear to be abandoned (photo 10). The ownership of these structures will be verified through the adequacy process.

Phase 5 area- This area is currently used for agriculture and contains 1 irrigation pivot, irrigation ditch, and an irrigation pond. The water supply ditch enters this phase from the west and terminates at the pond (photo 11). The west side of this mining area will be set back 75 feet from the large overhead power lines that run north and south according to Map 6 of 6. During the field inspection it was noted that a smaller set of power lines run between the large power lines and the Phase 5 slurry wall. It needs to be verified that this 75' setback is sufficient for the smaller set of powerlines. The slope stability analysis did not address the west bank of the Phase 5 area.

Phase 6 area – This area is the eastern most proposed mining area. It is currently used for agriculture and contains 2 irrigation pivots (photo 12). A large irrigation canal runs along the southern border of Phases 5 and 6 (photo 13). The mining setback from the canal is 75' for both phases. The canal lies outside the permit boundary.

PHOTOGRAPHS



Photo 1 – Mine entrance and public notice signs



Photo 2 – Irrigation ditch along southern boundary of Phase 3, facing west



Photo 3 – Typical ground water monitoring well, north side of Phase 3

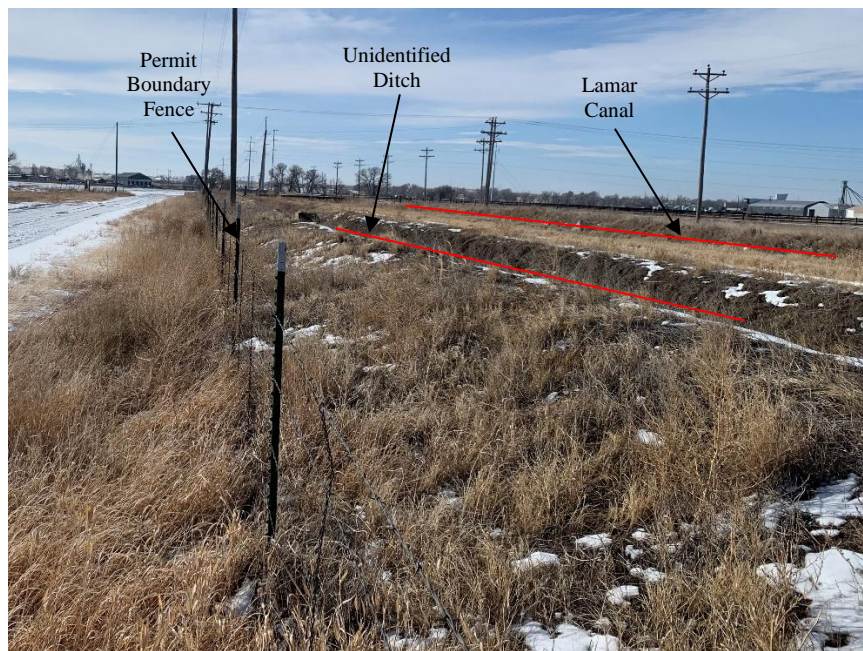


Photo 4 – Phase 8 western boundary facing south



Photo 5 – Groundwater monitoring well on western boundary of Phase 8, facing north



Photo 6 – Parcel B train loadout staging area, facing northeast



Photo 7 – Sediment ponds west of Phase 2



Photo 8 – Phase 2 pit looking east



Photo 9- Irrigation ditch on left, Phase 4 and triangle pond on right, facing west



Photo 10- Structures located between Phases 5 and 7



Photo 11- Irrigation ditch ends at irrigation pond in Phase 5



Photo 12 – Phase 6 area, facing north



Photo 13 – Irrigation canal south of Phases 5 and 6 permit boundaries, facing east

Inspection Contact Address

JC York
Prowers Aggregate Operators, LLC
7991 Shaffer Parkway, Suite 200
Littleton, CO 80127

CC: Michael Cunningham, DRMS