



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
New Mexico State Office
301 Dinosaur Trail
Santa Fe, New Mexico 87508
www.blm.gov/new-mexico



IN REPLY REFER TO:
3809 (L0310)

Your Reference:
NMNM 136678



AUG 31 2018

CERTIFIED--RETURN RECEIPT REQUESTED
7013 1710 0001 6588 4903

American Magnesium
David Q. Tognoni
P.O. Box 684
Elephant Butte, NM 87935-0684

Dear Mr. Tognoni:

Your revised Plan of Operations to conduct mining activities in the Florida Mountains (T. 24 S., R. 8 W., sections 27 and 34) was received on July 31, 2018. The Plan has been assigned case file number NMNM 136678. Please refer to this number in future correspondence concerning this operation.

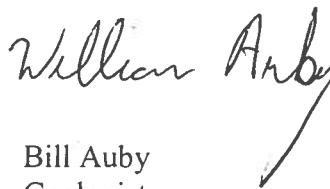
The Bureau of Land Management (BLM) has completed a review of the revised plan and have determined that more information on the quarry operation and haul road are needed. Specifically, the following information is required in order for the Plan to be complete:

- 1) A map showing the proposed quarry outline and cross sections showing the profile of the final pit wall;
- 2) Figure 3 indicates that mining will progress to the edge of the private lands to the east (Mahoney Park). Describe how you will prevent the operations from impacting the private property including descriptions of the highwall (benched or sloped?) and any planned buffer zone. If mining will extend onto the adjacent private lands, then show this on the map;
- 3) Similar to #2, Figure 3 indicates a highwall will remain on the west side of the Phase 1 mining area. Indicate how the highwall will be stabilized (benched or sloped) and the final pit slope;
- 4) The plan describes mining the hill from the top down to the grade of the valley floor. However, Figure 3 seems to suggest that mining will commence on the lower part of the hill (Phase 1) and proceeding to the higher part of the hill (Phase 2). The plan should

- show mining beginning at the highest point on the hill and contouring down to grade as suggested by the narrative. Indicate your planned bench heights during mining;
- 5) Will each mining area shown on Figure 3 be mined out before moving on to the next phase? Figure 3 indicates that Phase 1 mining would start on the lower part of the hill followed by Phase 2 farther up the hill. This would create a temporary shear wall between the phases. Again, this is not consistent with the narrative which states that mining will begin at the top of the hill;
 - 6) Section 2.8 states that two existing roads are being considered as routes to the mine. The plan should clearly show which road will be modified into a haul road. Include a design of the haul road showing the complete footprint including berms, culverts and areas of cut and fill. The total acreage of the haul road disturbance on BLM land should be included in Table 2 and
 - 7) The revised plan indicates the haul road will be constructed to a driving width of 16 ft. for one-way travel. The plan should take into consideration safe passage of haul trucks and other users of the road. Consider a wider road, pullouts, or blocking public use of the road if there is a suitable alternative route for the public.

Please provide the revised plan of operations at your earliest convenience. If you have any questions concerning this matter, please call Bill Auby at 505 954-2159.

Sincerely,



Bill Auby
Geologist

cc:

Holland Shephard
New Mexico Energy, Minerals
and Natural Resources Department
Mining and Minerals Division
1220 South St. Francis Drive
Santa Fe, NM 87505