



COLORADO

**Division of Reclamation,
Mining and Safety**

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

November 15, 2017

Dewey Chandler
Arkins Park Stone Corp.
5975 North County Road 27
Loveland, Colorado 80538

**RE: Berthoud Sunset, M-1994-080
Technical Revision No. 2 (TR02), Adequacy Review No. 1**

Dear Mr. Chandler,

The Colorado Division of Reclamation, Mining, and Safety (Division) received your Technical Revision for the above referenced mine site on October 30, 2017. Included with the technical revision was updated mining plan and reclamation plan maps, labeled Exhibit C.1 and F.1 respectively. The Berthoud Sunset site is a 110c mining operation, given this the Exhibits proposed to be revised with this TR must comply with Rule 6.3. Given this, these maps must be revised to comply with Rule 6.3.5. Please address the following:

General Requirements

1. Both maps should be labeled Exhibit E, in accordance with Rule 6.3.5.
2. Please insure the maps meet the minimum requirements of Rule 6.2.1(2)

Rule 6.3.5(2) – Mining Plan Map

3. Please label the names of owner(s) of record of the surface of the affected area and of the land within two hundred (200) feet of the affected area, identify the owner of the substance to be mined, and the type of structure and owners of record of any permanent or man-made structures within 200 feet of the affected area.
4. Please outline and label all major surface features to be used in connection with the proposed operation such as: existing and proposed roads, pit boundary, topsoil stockpiles, overburden stockpiles, product stockpiles, waste rock fills, stream channels, buildings, processing plant, underground openings such as adits or ventilation facilities, ponds, impoundments, dewatering pumps, diversions or waste disposal areas;



Name of Addressee

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Date

5. Please indicate the direction that construction material extraction will proceed.
6. Please note the location of any significant, valuable, and permanent man-made structures within two hundred (200) feet of the affected area.
7. Please outline and label existing disturbance within and/or adjacent to the permit boundary (e.g., previously mined areas, roads or excavations resulting from utility construction).

Rule 6.3.5 (3) – Reclamation Plan Map

8. Please show the gradient of all reclaimed slopes (horizontal:vertical) sufficient to describe the post mine topography;
9. Please state the average thickness of replaced overburden by reclamation area or phase.
10. Please state the average thickness of replaced topsoil by reclamation area or phase.

This concludes the Division's review of TR02. The Division is required to issue a decision on the application by **November 29, 2017**. If you need additional time to address these items, please submit a written statement waiving your right to a thirty (30) day decision. If the decision date arrives and there are outstanding adequacy issues and a waiver of your right to a thirty day decision has not been submitted, the Division will deny the application.

If you have any questions feel free to contact me at (303) 866-3567, extension 8120.

Sincerely,



Jared Ebert
Environmental Protection Specialist III

EC: Troy Campbell, Coffey Engineering and Surveying; tcampbell@coffey-engineering.com