State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

May 17, 2001

TO: Minerals File

FROM: Lynn Kunzler, Senior Reclamation Specialist

RE: Site Inspection, Gold Star Stone, Inc. Lone Pine Quarry and Briggs Quarry, M/003/050 and S/003/058, Box Elder County, Utah

Date of Inspection: May 16, 2001
Time of Inspection: 10:30 a.m.
Conditions: cloudy, windy
Participants: Bruce Mitchell, Gold Star Stone, Inc.; Tom Munson and Lynn Kunzler, DOGM

Purpose of Inspection: Inspection requested by operator to look at proposed expansion and partial reclamation.

Briggs Quarry (S/003/058)

Upon arrival at the site, we looked at a new segment of road that had been constructed to access a lower ledge of rock. This road averaged 20 feet long and was about 1000 feet long. Mr. Mitchell discussed plans for quarry development in this area and was concerned that he did not exceed the 5-acre limit for his small mining permit. With the new access road being approximately ½ acre and about three acres in the original pit for this permit, it was determined that he had about 1.5 acres that he could develop before he was a large mining operation. We identified on the ground the extents of the 1.5 acres.

Mr. Mitchell asked about the possibility of removing some granite from the area and what, if anything, he would need to do to modify his permit. We explained that his current permit was adequate for mining the granite as well. However, since granite is considered a 'common variety' material by the BLM, he will need to contact the BLM to purchase the material before he removes any of the granite (BLM contact would be Mike Ford at (801) 977-4360).

We then proceeded to the first pit where he is near the end of mine-life. He has reached a depth where the quartzite does not split easily. We discussed reclamation of this site – including reduction of the highwall, covering waste dumps with soil and seeding (this fall being the preferred time for seeding). We also informed him that he did not need to reclaim (do the regrading work) immediately, but that he could wait until fall so that the completion of the earthwork would coincide with the preferred seeding time.

Lone Pine Quarry (M/003/050):

After completing the inspection of the Briggs quarry, we discussed the review for his Lone Pine Quarry. We clarified his questions as to what was needed to respond to the review. After this discussion, Tom and I inspected the Lone Pine Quarry (Mr. Mitchell was not able to accompany us on the inspection). Operations at this quarry were ongoing; however, all activity has been restricted to the original 5-acre parcel while the LMO for this site is being processed. Of concern at this quarry was the seep just above the quarry. Wet areas were observed in the highwall where water was seeping through. Tom will make recommendations on how to protect the hydrology of the area. Also, a fuel tank was located at this site. Secondary containment was not present. Mr. Mitchell was contacted and informed of the need for secondary containment.

Vegetation was establishing nicely on the portions of the pre-existing access road that have been abandoned due to some realignment of the access road to this quarry.

Photos were taken to document site conditions.

jb
cc: Bruce Mitchell, Gold Star Stone, Inc.
M03-50-ins.doc