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October 26, 2021

Mayor Mark Johnson
153 North 100 East
Lehi, Utah 84043

Dear Mayor Johnson:

The Environmental Epidemiology Program at the request of the City of Lehi is conducting a formal investigation regarding potential health risks associated with sand and gravel pit operations at the "Point of the Mountain" (POM) gravel quarry. Specifically, this investigation is focusing on crystalline silica and heavy metals in dust. This investigation is ongoing and has not been completed. Environmental samples of air and soil have been collected and analyzed for heavy metals and silica. The next step in this process is to analyze the test results and compare them to health-based guidelines or standards.

Crystalline silica is not one of the six criteria air pollutants regulated under the Clean Air Act (CAA), which requires EPA to establish the National Ambient Air Quality Standards. This means there is no national health-based standard for crystalline silica in ambient air. Due to this, an in-depth toxicological review and selection of an appropriate health-based guidelines developed by other states or health agencies is needed before being able to interpret the test results. This requires significant time and effort to ensure that health-based guidelines are appropriate for comparison to the situation at the POM. As a result, there are no specific conclusions or recommendations that can be shared at this time as data analysis is currently ongoing. To date, no recommendations concerning sand and gravel pit operations at the POM have been made. All the media being presented is in the public domain on either the APPLETREE website or from the City of Lehi's website.

As the lead investigator for this assessment, you may contact me at alejandramaldonado@utah.gov with further questions.

Sincerely,

Alejandra Maldonado, PhD
APPLETREE Program

CC: Janae Duncan
Sam LeFevre, PhD
Dr. Leisha Nolen, State Epidemiologist
Chris Nelson