



San Diego County Air Pollution Control District

September 4, 2024

Vulcan Materials Western Division Calmat
Attn: Brent Leclerc
10051 Black Mountain Rd
San Diego, CA 92126

APPROVAL OF REVISED AB2588 “HOT SPOTS” HEALTH RISK ASSESSMENT

As required by the California Health and Safety (H&S) code, section 44360, the San Diego County Air Pollution Control District (District) requested a Health Risk Assessment (HRA) from Vulcan Materials Company (Vulcan) on March 6, 2023, for the mineral industry operations at 10051 Black Mountain Road in San Diego based on emissions that occurred in calendar year 2021. Vulcan submitted an HRA to the District on September 4, 2023. The District provided our comments on the HRA along with comments provided from the Office of Environmental Health Hazard Assessment (OEHHA) to Vulcan on March 14, 2024. Vulcan submitted a revised HRA to the District on May 13, 2024. Subsequently, the District completed a modified health risk assessment on September 4, 2024.

In accordance with the California Health and Safety (H&S) Code, Section 44362, the District is hereby approving the District modified 2021 HRA with the following results:

Maximum Individual Excess Cancer Risk (PMI)	71.40 in a million
Maximum Residential Excess Cancer Risk	8.89 in a million
Maximum Occupational Excess Cancer Risk	5.32 in a million
Maximum Chronic Non-Cancer Health Hazard Index (PMI)	4.26
Maximum Residential Chronic Non-Cancer Health Hazard Index	0.54
Maximum Occupational Chronic Non-Cancer Health Hazard Index	1.98
Maximum 8-Hour Occupational Non-Cancer Health Hazard Index	0.86
Maximum Acute Health Hazard Index (PMI)	3.72
Maximum Residential Acute Health Hazard Index	1.09
Maximum Occupational Acute Health Hazard Index	2.84
Population Excess Cancer Burden	0.102

The approved HRA results are used to determine public health risk notification and risk reduction requirements under District Rule 1210. The approved HRA results indicate that the

occupational chronic HHI and acute HHI do exceed the public notification and risk reduction levels specified in District Rule 1210, sections (d)(1) and (e)(1), respectively.

Therefore, by October 21, 2024, (within 45 days of the date of this letter), your facility must submit a public notification plan that specifies the procedures you intend to use to notify the public within 30 days of District approval of the plan and hold a public meeting within 30 days of the public notification date. Vulcan should work with the District to find a mutually agreeable date for the public meeting to be included in the provided public notification letter template. Prior to March 3, 2024, (within 180 days of the date of this letter), Vulcan must submit a risk reduction audit and plan that details methods that will be used to reduce the occupational non-cancer chronic risk and the acute risk, based on the results of the HRA. The required elements of the plans are described in District Rule 1210, Subsections (d)(2)(i) through (d)(2)(xi) and (e)(2)(i) through (e)(2)(vi), respectively.

If you have any questions regarding this matter, you may contact the undersigned at 858-831-8710 or at Stephen.Amberg@sdapcd.org

Sincerely,

A handwritten signature in black ink, appearing to be 'S. Amberg', with a stylized flourish at the end.

Stephen Amberg
Air Quality Specialist