



San Diego County Air Pollution Control District

April 5, 2022

John Janke

Vulcan Materials Company, Western Division

57220 Trade Street, Ste 200

San Diego, CA 92121

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, Western Division (Vulcan) on March 17, 2021 for the asphalt plant at 7522 Paseo de la Fuente in San Diego based on emissions that occurred in calendar year 2019. Vulcan submitted a HRA to the District on August 31, 2021. The District provided our comments on the HRA along with comments provided from the Office of Environmental Health Hazard Assessment (OEHHA) to Vulcan on December 2, 2021. Vulcan submitted a revised HRA to the District on January 31, 2022.

After considering the revised HRA provided by Vulcan on January 31, 2022, in accordance with the California Health and Safety (H&S) Code, Section 44362, the District is hereby approving the revised 2019 HRA with the following results:

Maximum Individual Excess Cancer Risk (PMI)	80.6 in a million
Maximum Residential Excess Cancer Risk	1.41 in a million
Maximum Occupational Excess Cancer Risk	2.33 in a million
Maximum Chronic Non-Cancer Health Hazard Index (PMI)	5.93
Maximum Residential Chronic Non-Cancer Health Hazard Index	0.096
Maximum Occupational Chronic Non-Cancer Health Hazard Index	1.91
Maximum 8-Hour Occupational Non-Cancer Health Hazard Index	0.071
Maximum Acute Health Hazard Index (PMI)	2.06
Maximum Residential Acute Health Hazard Index	0.23
Maximum Occupational Acute Health Hazard Index	1.18
Population Excess Cancer Burden	0.000002
Sub-Chronic Lead Exposure Risk	<0.12 ug/m ³

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 Non-Cancer Chronic HHI and the Non-Cancer 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 May 20, 2022 (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 and hold a public meeting within 30 days of District approval of the plan. 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 October 3, 2022, (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 Non-Cancer Chronic HHI and the Non-Cancer Acute HHI, based on the results of the HRA. The required elements of the plan 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 'Stephen Amberg', with a stylized flourish at the end.

Stephen Amberg
Air Quality Specialist