



San Diego County Air Pollution Control District

2/2/2024

Minnesota Methane/ Opal Fuels
5244 Convoy St.
San Diego, CA 92111

APPROVAL OF 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 Minnesota Methane/ Opal Fuels on November 9, 2023, for the operation conducted at 5244 Convoy Street, San Diego, based on emissions that occurred in calendar year 2021. As previously agreed to by the District, since the prioritization scores for emissions in calendar year 2018 were higher than those in 2021 and the operations at the facility that affect risk did not change, the HRA for calendar year 2018 emissions was used to determine the potential risks from emissions that occurred in calendar year 2021.

The District approved the 2018 HRA on March 22, 2022 with the following results. The below results also apply to the 2021 calendar year:

Cancer at Point of Maximum Impact (PMI)	1278.2 in one million
Cancer at Maximum Exposed Individual Resident (MEIR)	4.81 in one million
Cancer at Maximum Exposed Individual Worker (MEIW)	9.56 in one million
Chronic Noncancer Health Hazard Index at PMI	25.17
Chronic Noncancer Health Hazard Index at MEIR	0.09
Chronic Noncancer Health Hazard Index at MEIW	1.82
8-Hour Noncancer Health Hazard Index at MEIW	1.02
Acute Noncancer Health Hazard Index at PMI	20.86
Acute Noncancer Health Hazard Index at MEIR	0.85
Acute Noncancer Health Hazard Index at MEIW	20.86
Population Excess Cancer Burden	0.095
Sub-Chronic Lead Exposure Risk	<0.12 µg/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 no risk values exceed the public notification and risk reduction levels specified in District Rule 1210, sections (d)(1) and (e)(1), respectively.

If you have any questions regarding this matter, you may contact the undersigned at (858) 414-6408 and Andrew.Bernabe@sdapcd.org.

Sincerely,

A handwritten signature in black ink that reads "Andrew Bernabe". The signature is written in a cursive style with a large, prominent initial "A" and "B".

Andrew Bernabe
Air Pollution Control Engineer



San Diego County Air Pollution Control District

March 13, 2024

Suparna Chakladar

Minnesota Methane/ Opal Fuels

5244 Convoy St.

San Diego, CA 92111

REQUIREMENT FOR ANNUAL AB2588 “HOT SPOTS” PUBLIC NOTIFICATION

As required by the California Health and Safety (H&S) code, section 44362, and the San Diego County Air Pollution Control District (District) Rule 1210, on August 1, 2023, Minnesota Methane/Opal Fuels distributed a public notice for the landfill-gas-to-energy facility at 5244 Convoy St. San Diego, CA 92111, based on emissions that occurred in calendar year 2018. For calendar 2021, a new health risk assessment (HRA) was requested by the District on November 9, 2023. On February 2, 2024, the District approved the results of the 2018 HRA to determine the results of the 2021 HRA.

In accordance with District Rule 1210, section (d)(8), Minnesota Methane/Opal Fuels is subject to annual public notification.

Therefore, by April 29, 2024 (within 45 days of the date of this letter), Minnesota Methane/Opal Fuels shall submit an annual public notification plan per District Rule 1210, subsections (d)(2)(i) through (d)(2)(xi). In addition, Minnesota Methane/Opal Fuels shall implement the public notification within 30 days of District approval of the plan and hold a public meeting within 30 days of the public notification per District Rule 1210(d)(3) and (d)(10), respectively. Minnesota Methane/Opal Fuels 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.

If you have any questions regarding this matter, you may contact the undersigned at 858-414-6408 or at Andrew.Bernabe@sdapcd.org.

Sincerely,

A handwritten signature in black ink that reads "Andrew Bernabe". The signature is written in a cursive style with a large, prominent initial 'A'.

Andrew Bernabe
Assistant Air Pollution Control Engineer