



San Diego County Air Pollution Control District

January 9, 2025

NAVFAC SW
ATTN: EV 1.1/Floor 11
750 Pacific Highway,
San Diego, CA 92132

AMENDED 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 (SDAPCD) requested a Health Risk Assessment (HRA) from the US Navy on July 6, 2023, for Naval Base San Diego (NBSD) located at the intersection of S 32nd Street and Harbor Drive in San Diego based on emissions that occurred in calendar year 2021. NBSD submitted an HRA to SDAPCD on January 3, 2024. SDAPCD provided comments on the HRA along with comments provided from the Office of Environmental Health Hazard Assessment (OEHHA) to NBSD on August 27, 2024. NBSD submitted revised HRAs to the District on October 28, 2024 (Revised HRA). SDAPCD responded and provided comments to the US Navy on December 3, 2024. **SDAPCD originally approved the HRA in an analysis report dated January 2, 2024. However, based on further communications with NBSD personnel, it was determined that the analysis contained some minor typographical errors which have been corrected in this amended approval letter. All the revisions are highlighted in yellow and underlined.**

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

Point of Maximum Impact (PMI) Cancer Risk	13.8 in a million
Maximum Exposed Individual Resident (MEIR) Cancer Risk	4.62 in a million
Maximum Exposed Individual Worker (MEIW) Cancer Risk	<u>3.48</u> in a million
Chronic Non-Cancer Health Hazard Index (PMI)	3.44E-02
Chronic Non-Cancer Health Hazard Index (MEIR)	6.10E-03
Chronic Non-Cancer Health Hazard Index (MEIW)	8.54E-02
8-hour Chronic Non-Cancer Health Hazard Index (MEIW)	1.46E-02
Acute Non-Cancer Health Hazard Index (PMI)	9.46
Acute Non-Cancer Health Hazard Index (MEIR)	2.94
Acute Non-Cancer Health Hazard Index (MEIW)	7.13
Population Excess Cancer Burden	0.36

Sub-Chronic Lead Exposure Risk

<0.12 $\mu\text{g}/\text{m}^3$

The approved HRA results indicate that the residential acute risk and worker acute risk exceeds the public notification and risk reduction levels specified in District Rule 1210, sections (d)(1) and (e)(1).

Therefore, by February 17, 2025, your facility must submit a public notification plan that specifies the procedures you intend to use to notify the public. Prior to July 1, 2025, NBSD must submit a risk reduction audit and plan that details methods that will be used to reduce the residential acute risk and worker 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 619-206-5224 or at Peter.Ossowski@sdapcd.org

Sincerely,

A handwritten signature in black ink that reads "Peter Ossowski". The signature is written in a cursive, flowing style.

Peter Ossowski
Air Pollution Control Engineer