



# San Diego County Air Pollution Control District

**January 20, 2022**

Pacific Ship Repair & Fabrication Inc.

1625 Rigel Street

San Diego, CA 92113

## **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 Pacific Ship Repair & Fabrication Inc. on February 3, 2021 for the ship repair and fabrication facility at 1625 Rigel Street San Diego, CA 92113 based on emissions that occurred in calendar year 2019. Pacific Ship Repair & Fabrication Inc. submitted a HRA to the District on August 2, 2021. The District provided District’s comments on the HRA along with comments provided by the Office of Environmental Health Hazard Assessment (OEHHA) to Pacific Ship Repair & Fabrication Inc. on October 12, 2021. Pacific Ship Repair & Fabrication Inc. submitted a Revised HRA to the District on December 1, 2021. Subsequently, the District Modified the Revised HRA and Approved it on January 20, 2022.

After reviewing the Revised HRA and considering the comments provided by Pacific Ship Repair & Fabrication Inc. on December 1, 2021, in accordance with the California Health and Safety (H&S) code, section 44362, the District has Modified the Revised HRA and is hereby Approving the Modified 2019 HRA with the following results:

### **Approved HRA Results:**

Cancer Risk at the Point of Maximum Impact (PMI)	867.7 in a million
Cancer Risk at the Maximally Exposed Individual Resident (MEIR)	48.2 in a million
Cancer Risk at the Maximally Exposed Individual Worker (MEIW)	121.5 in a million
Chronic Non-Cancer Health Hazard Index (PMI)	0.19
Chronic Non-Cancer Health Hazard Index (MEIR)	0.01
Chronic Non-Cancer Health Hazard Index (MEIW)	0.08
Maximum 8-Hour Chronic Occupational Non-Cancer Health Hazard Index	0.08
Acute Non-Cancer Health Hazard Index (PMI)	3.98
Acute Non-Cancer Health Hazard Index (MEIR)	0.62
Acute Non-Cancer Health Hazard Index (MEIW)	3.00

Population Excess Cancer Burden

0.16

Sub-Chronic Lead Exposure Risk

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

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 Cancer risks at the MEIR and MEIW and the Acute Non-Cancer Health Hazard Index at the MEIW do exceed the public notification and public meeting thresholds, and the risk reduction thresholds specified in District Rule 1210(d)(1) and (e)(1), respectively.

Therefore, pursuant to District Rule 1210(d)(2), by March 6, 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. Also pursuant to District Rule 1210(e)1), by July 19, 2022 (within 180 days of the date of this letter), Pacific Ship Repair & Fabrication Inc. must submit a risk reduction audit and plan that details methods that will be used to reduce the Cancer risks at the MEIR and MEIW and the Acute Non-Cancer Health Hazard Index at the MEIW below the risk thresholds of District Rule 1210(e)(1), based on the results of the HRA. The required elements of the public notification plan and risk reduction audit and plan are described in District Rule 1210(d)(2)(i) through (d)(2)(ix) 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 [Peter.Ossowski@sdapcd.org](mailto:Peter.Ossowski@sdapcd.org).

Sincerely,



Peter Ossowski  
Assistant Air Pollution Control Engineer