



San Diego County Air Pollution Control District

# Naval Base San Diego (NBSD)

Public Meeting

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May 7, 2025



# Background Air Toxics “Hot Spots” Program



# Background

## Air Toxics “Hot Spots” Program

### Health Risk Assessment

- As per State law, NBSD was required to conduct a Health Risk Assessment based on their 2021 emissions

### Approval

- State law requires the District and the Office of Environmental Health Hazard Assessment (OEHHA) to review and approve Health Risk Assessments conducted by facilities subject to the Hot Spots Program

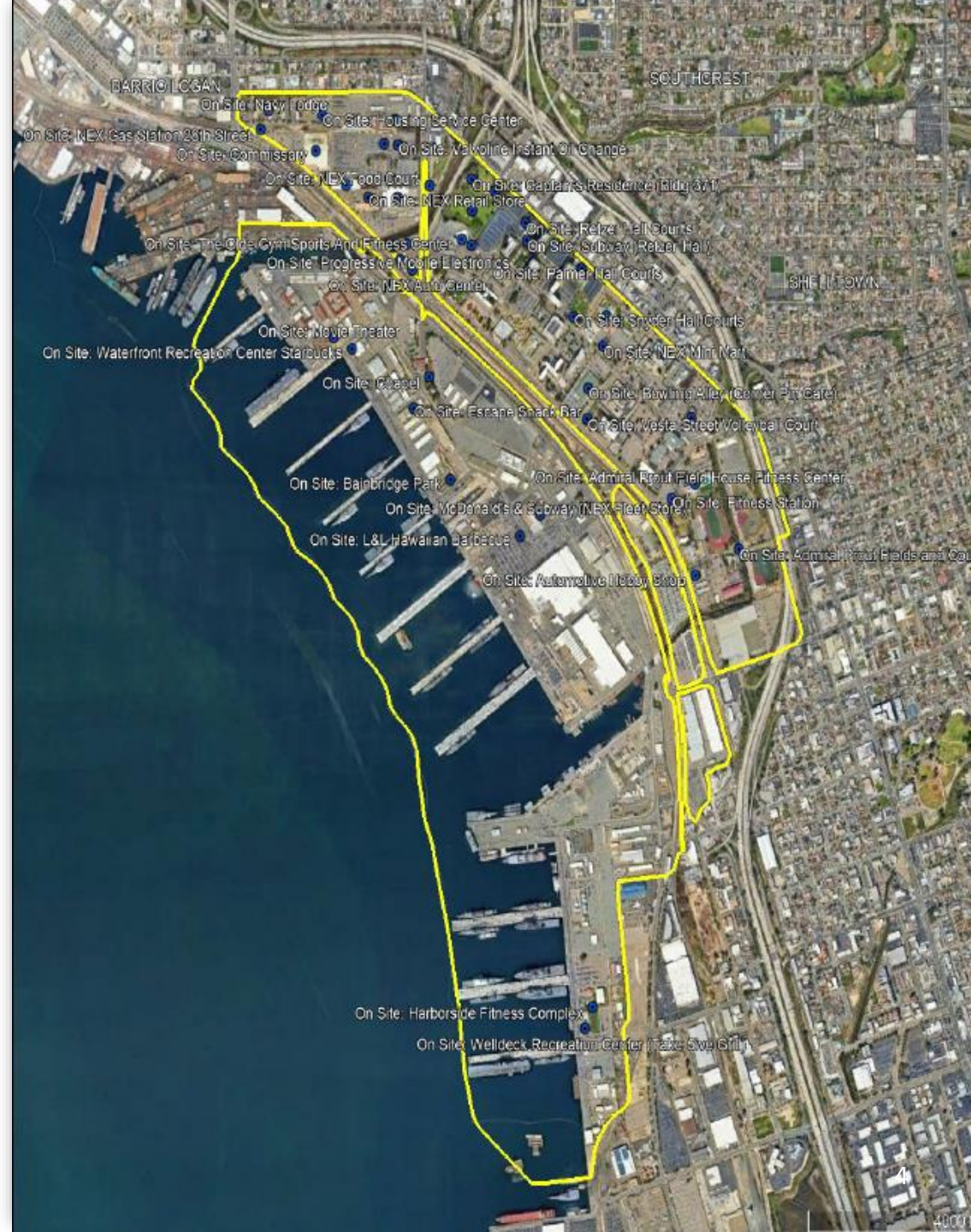
### Requirements

- Based on the approved Health Risk Assessment, NBSD exceeded the health risk threshold for Acute Health Hazard Index (Acute HHI), but did not exceed thresholds for chronic and cancer impacts. For this reason, NBSD was required to conduct public notification and will be required to submit a risk reduction plan for their 2021 emissions by July 1, 2025



# NBSD

- Military Base
- S 32<sup>nd</sup> St, & Harbor Drive, San Diego 92136







# NBSD Equipment

Coating Operations

Welding

Abrasive Blasting

Diesel Engines

Gasoline Dispensing (Gas Stations)



# Background

## Health Risk Assessments (HRA)

- A hot spots HRA is an assessment of potential health impacts that a person living or working near a source of air pollution may be exposed to
- Assessment is conducted according to a standardized procedure developed by a state agency (OEHHA)
- Based on estimates of emissions, modeled air dispersion, and health data

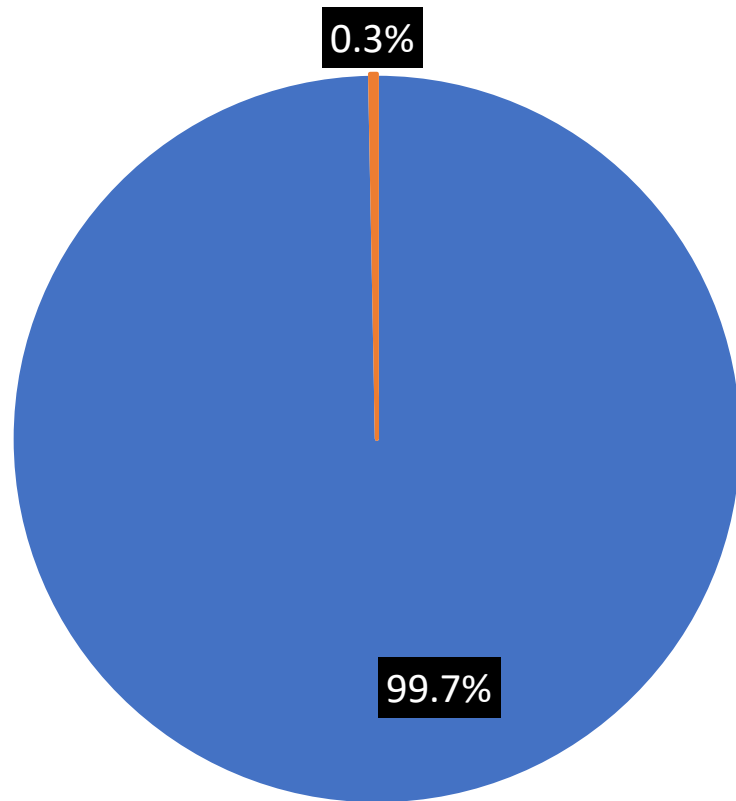


# Elevated Health Risks NBSD's 2021 Emissions

Health Risk	2021 HRA Results	Risk Notification Thresholds	Risk Reduction Thresholds
Maximum Residential Cancer Risk	4.62 in one million	10 in one million	10 in one million
Maximum Worker Cancer Risk	3.48 in one million		
Chronic Non-Cancer Health Hazard Index	Resident – 0.00 Worker – 0.09	1	1
Acute Non-Cancer Health Hazard Index	<b>Resident – 2.94</b> <b>Worker – 7.13</b>	1	1



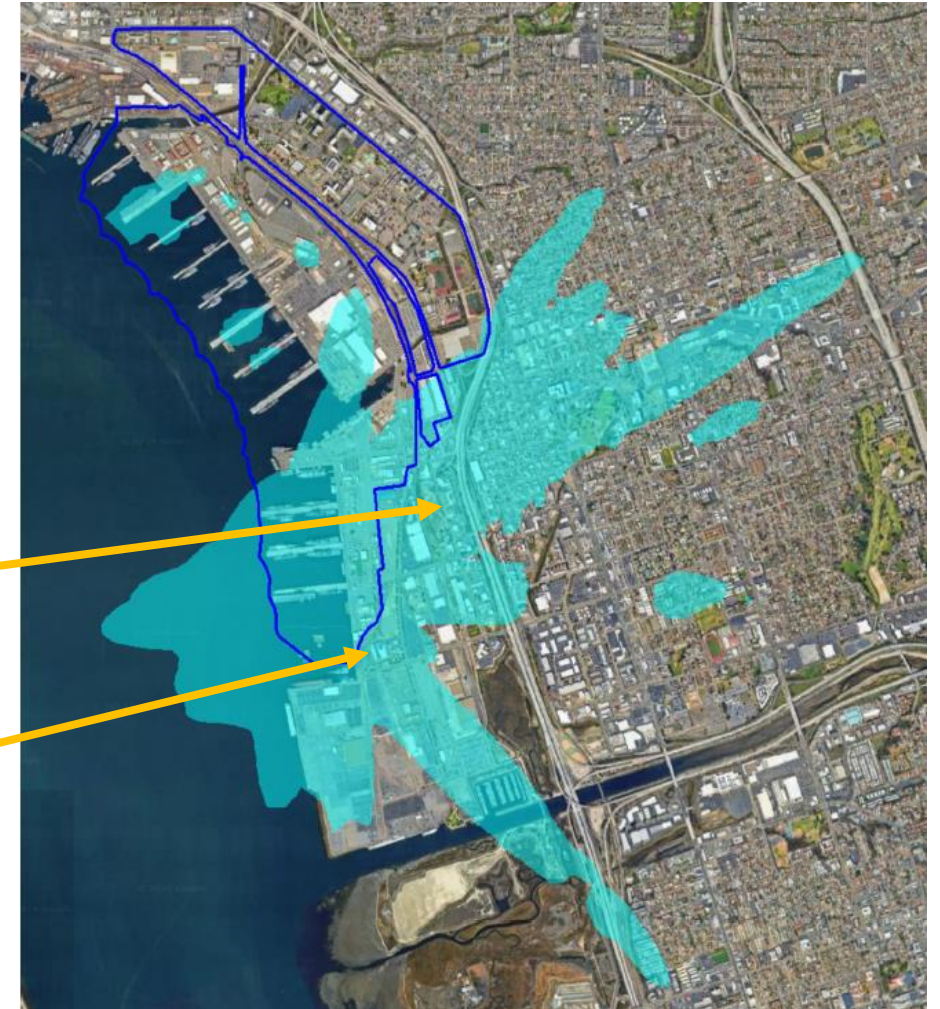
# Emission Contributions Maximum Acute Non-Cancer



- Nickel (Welding, Abrasive Blasting)
- Benzene (Gas Dispensing)

**Maximum  
Residential  
Acute HHI (2.94)**

**Maximum  
Occupational  
Acute HHI (7.13)**



*\*For worker, 100% of the impact is Nickel*





# Next Steps



**NBSD is required to submit a Risk Reduction Audit and Plan (RRAP) based on their 2021 HRA by July 1, 2025**

**The Plan must demonstrate reduction of health risks below applicable thresholds of Rule 1210. Upon submittal to the District, the RRAP will be made available for public review and comment**

**NBSD will be required to provide progress reports on risk reduction annually until health risks are reduced below the thresholds**



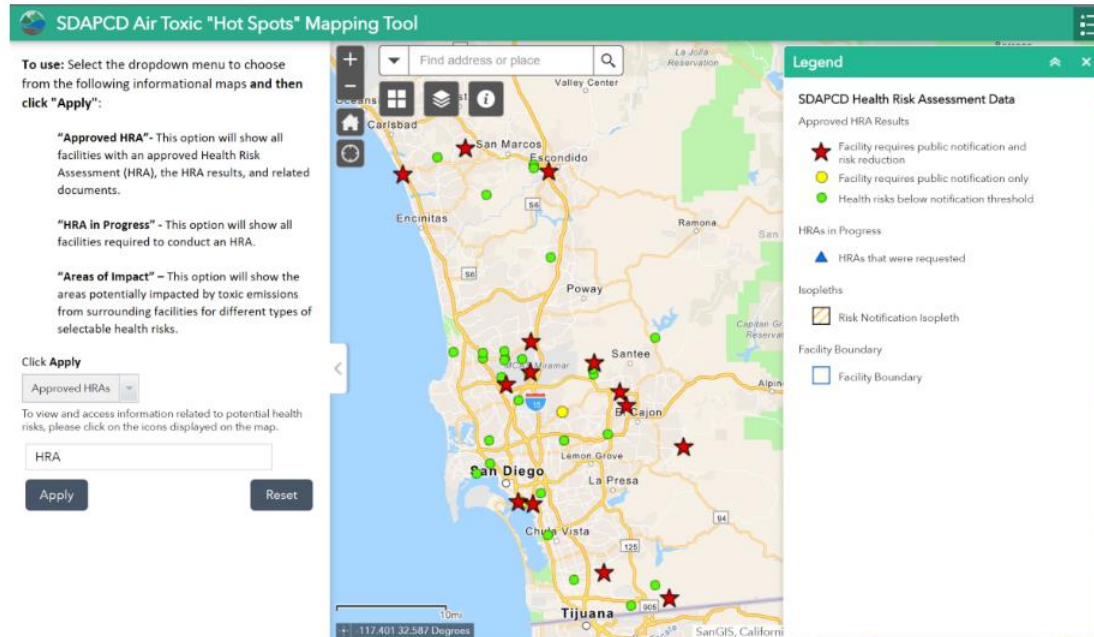
# Stay Informed

## Sign up for District Updates

- <https://bit.ly/SDAPCD-Updates>

## Visit District Hot Spots Page

- <https://sdapcd.org/hotspots>



## Public Documents for "Hot Spots" Facilities

The facilities listed below are subject to the notification requirements of the "Hot Spots" program. Select a facility to see documents related to this program. The most recent facility documents below are also available when viewing a facility record in the [SDAPCD Air Toxics "Hot Spots" Mapping Tool](#) presented above.

Encina Wastewater Authority - Carlsbad - 92011 - 2021

Martin Marietta San Diego Aggregates, LLC - Santee - 92071 - 2021

Lehigh Hanson Aggregates - San Diego - 92145 - 2017

Minnesota Methane - San Diego - 92111 - 2021

General Dynamics NASSCO - San Diego - 92113 - 2021

Otay Landfill - Chula Vista - 91911 - 2021

Vulcan Materials - San Diego - 92126 - 2021

Freeburg Industrial Fabrication Corp - Escondido - 92029 - 2021

Naval Base San Diego - San Diego - 92136 - 2021

