



San Diego County Air Pollution Control District

Pacific Ship Repair & Fabrication

Public Meeting

June 29, 2023



Background Air Toxics “Hot Spots” Program



Background

Air Toxics “Hot Spots” Program

Health Risk Assessment

- As required by State law, Pacific Ship conducted a Health Risk Assessment based on emissions that occurred in 2019

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, Pacific Ship was required to conduct public notification and submit a risk reduction plan to the District



Elevated Health Risks

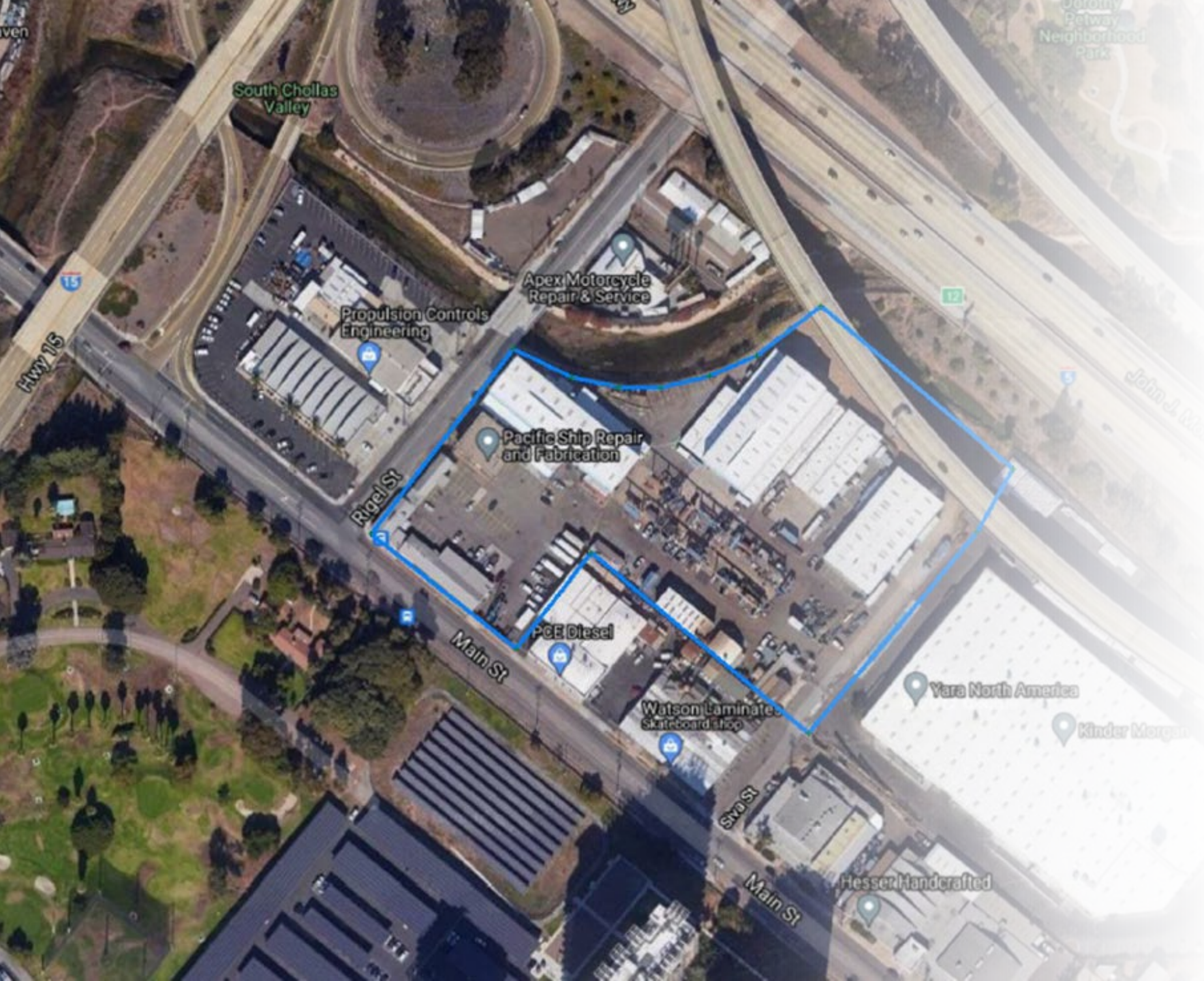
Pacific Ship's 2019 Emissions

Health Risk	HRA Results	Risk Notification Thresholds	Risk Reduction Thresholds
Maximum Residential Cancer Risk	48.2 in one million	10 in one million	10 in one million
Maximum Worker Cancer Risk	121.5 in one million	10 in one million	10 in one million
Acute Health Hazard Index	3.0	1.0	1.0



Pacific Ship Repair & Fabrication

- Ship component repair and fabrication facility
- 1625 Rigel St, San Diego



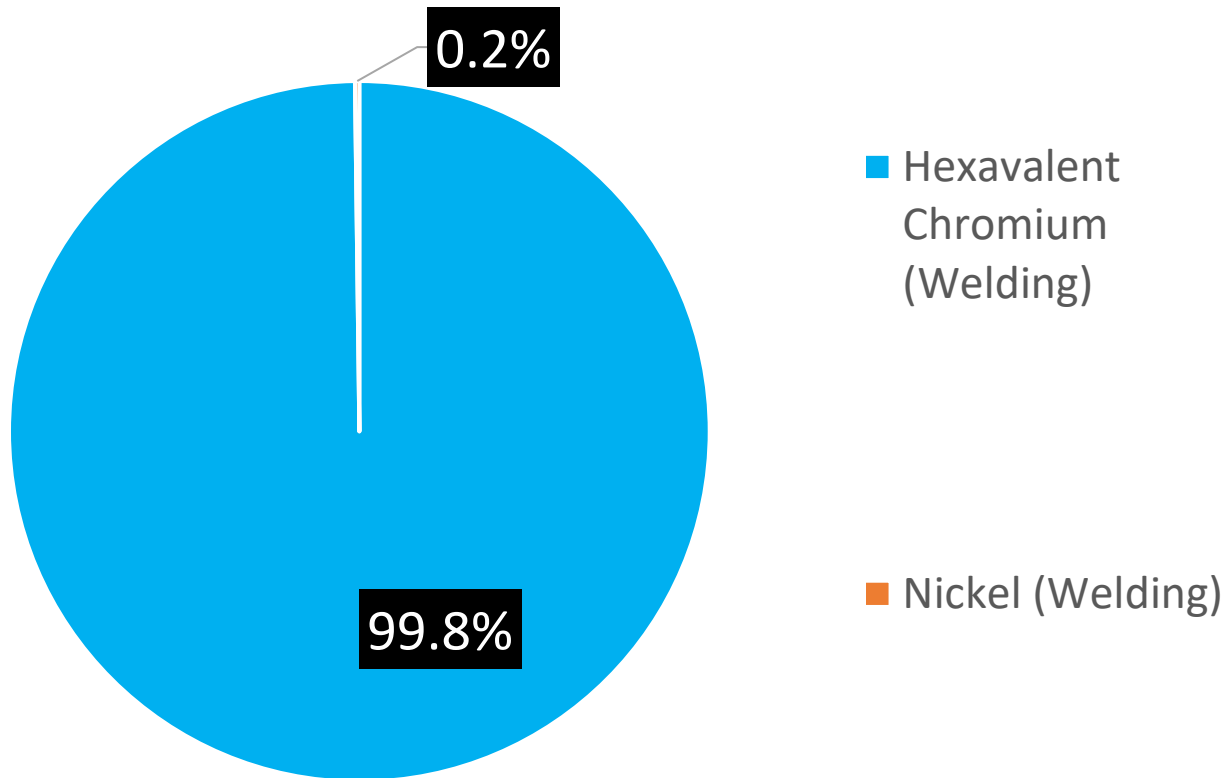
Pacific Ship Equipment

- Welding
- Solvent Cleaning
- Marine Coating
- Abrasive Blasting



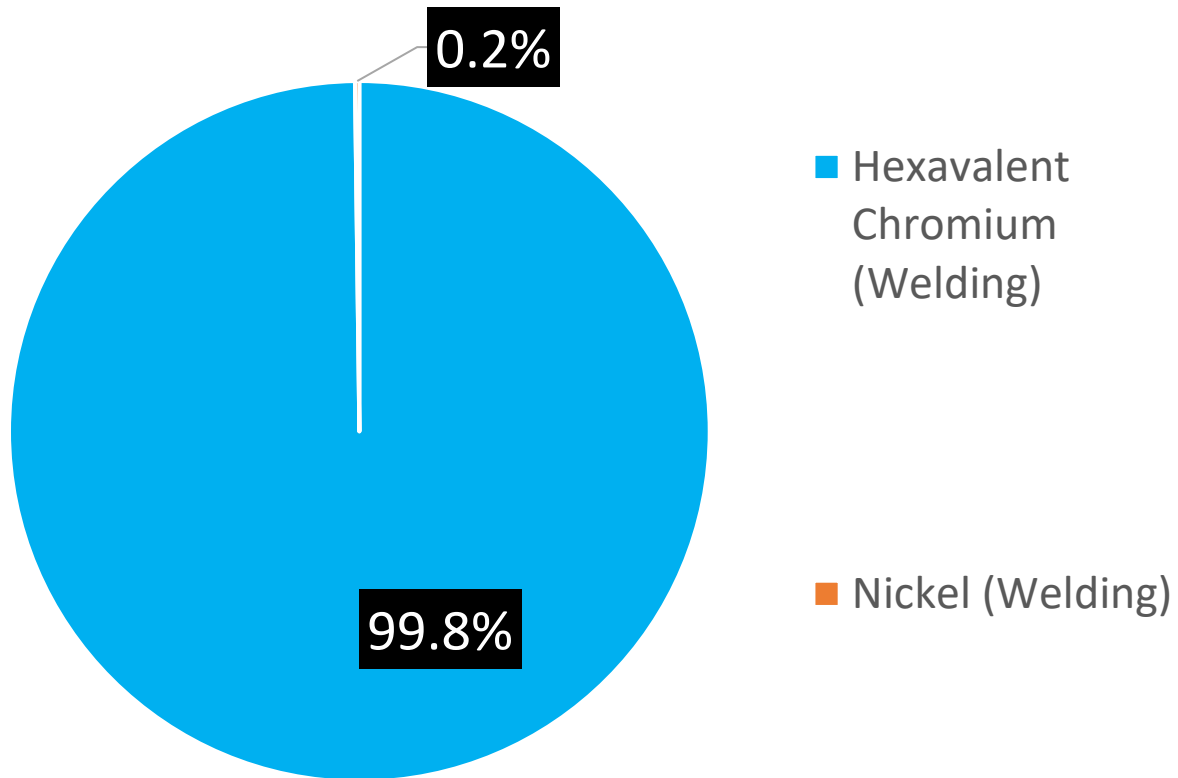
Emission Contributions

Residential Cancer Risk 48.2 in One Million



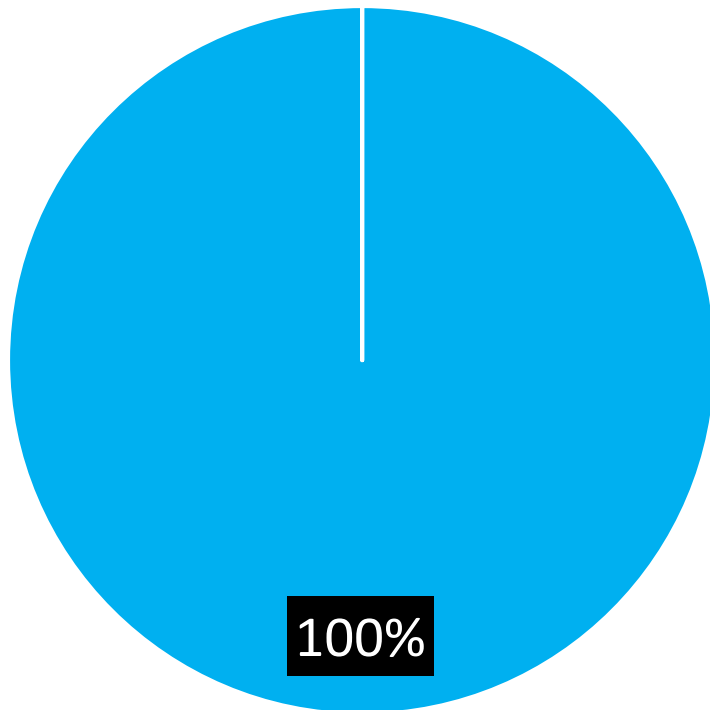
Emission Contributions

Worker Cancer Risk 121.5 in One Million



Emission Contributions

Worker Acute Health Hazard Index of 3.0



■ Nickel (Welding)



Pacific Ship's Risk Reduction Plan

May 2022

- Plan was submitted to the District

September 2022

- Revised Plan was submitted to the District, which proposes to:
 - Capture and control certain welding emissions to reduce toxic emissions

Current Status

- District proposed permit conditions that align with Pacific Ship's proposal
- Proposed permit conditions are still being discussed between Pacific Ship and the District



Next Steps



District to take final action on Risk Reduction Plan and make it enforceable

Pacific Ship to implement the RRP

Annual notifications will continue until the plan is fully implemented and the risks are below the thresholds

Pacific Ship will be re-evaluated based on their 2023 emissions.



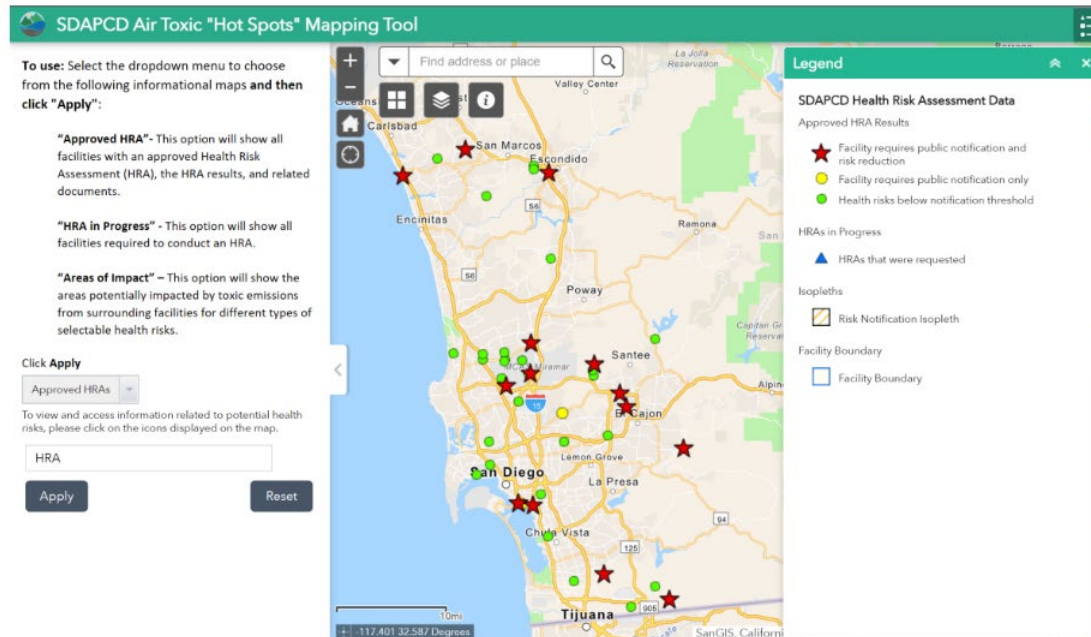
Stay Informed

Sign up for District Updates

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

Visit District Hot Spots Page

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



Procedures & Guidelines

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.

BAE Systems Ship Repair - San Diego - 92113 - 2017

Pacific Ship Repair - San Diego - 92113 - 2019

Vulcan Materials (Carrol Canyon) - San Diego - 92126 - 2017

Superior Ready Mix (Escondido Asphalt) - Escondido - 92024 - 2019

Encina Wastewater Authority - Carlsbad - 92011 - 2017

Minnesota Methane - San Diego - 92111 - 2018

Vulcan Materials (Otay) - San Diego - 92154 - 2019

Otay Landfill - Chula Vista - 91911 - 2017

