



San Diego County Air Pollution Control District

Freeberg Industrial Fabrication Corporation

Public Meeting

January 29, 2025



Background Air Toxics “Hot Spots” Program



Background

Air Toxics “Hot Spots” Program

Health Risk Assessment

- As per State law, Freeberg was required to conduct a Health Risk Assessment (HRA) based on their 2021 emissions. This was the first HRA conducted at this location.

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, Freeberg exceeded the thresholds for public notification and risk reduction and was **required to conduct public notification and to submit a risk reduction plan for their 2021 emissions by March 17, 2025**



Elevated Health Risks Freeberg's 2021 Emissions

| Health Risk | 2021 HRA Results | Risk Notification Thresholds | Risk Reduction Thresholds |
|--|----------------------------------|------------------------------|---------------------------|
| Maximum Residential Cancer Risk | 6.03 in one million | 10 in one million | 10 in one million |
| Maximum Worker Cancer Risk | 2.90 in one million | | |
| Chronic Non-Cancer Health Hazard Index (HHI) | Resident – 0.02 Worker – 0.13 | 1 | 1 |
| Acute Non-Cancer Health Hazard Index (HHI) | Resident – 4.55 Worker – 4.53 | 1 | 1 |



Freeberg

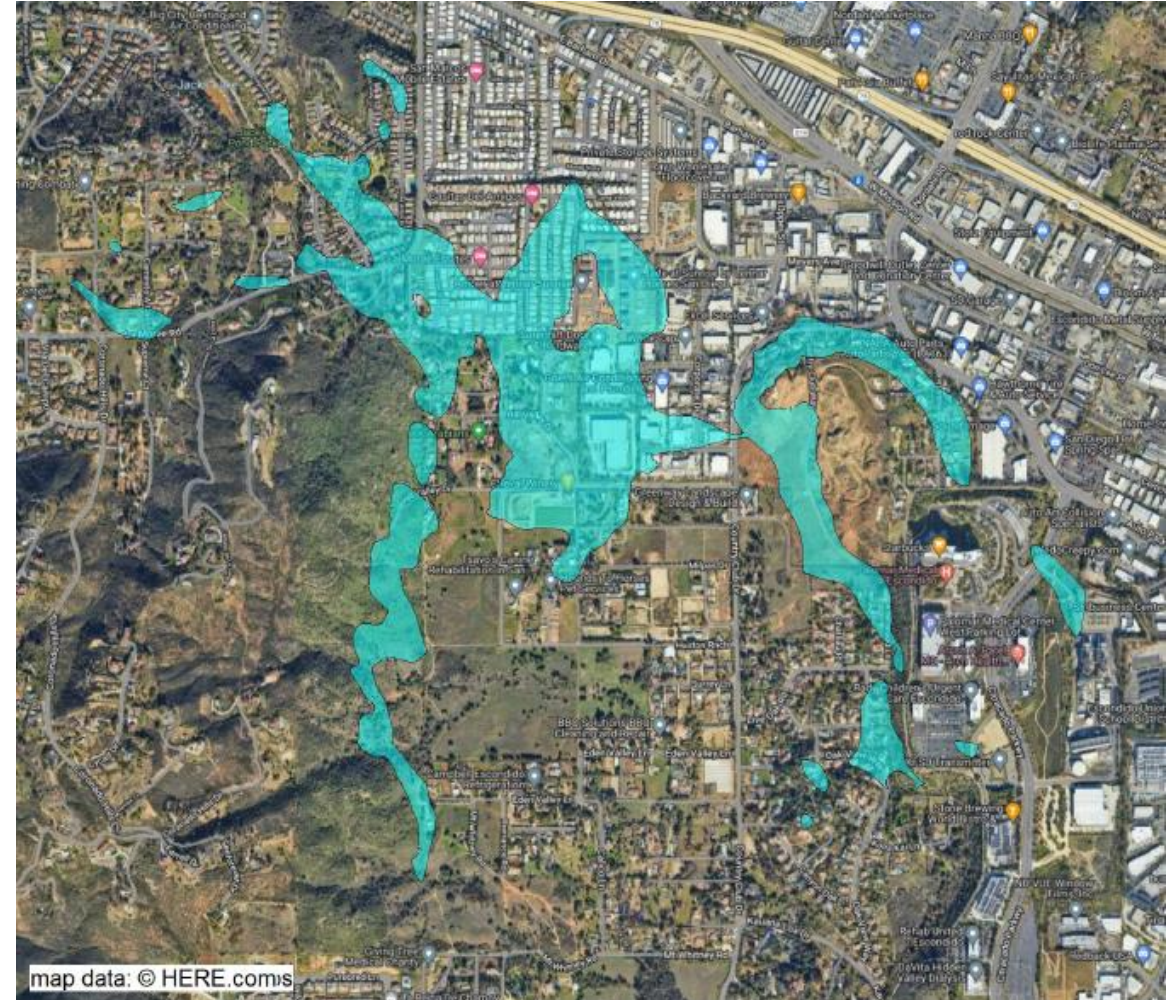
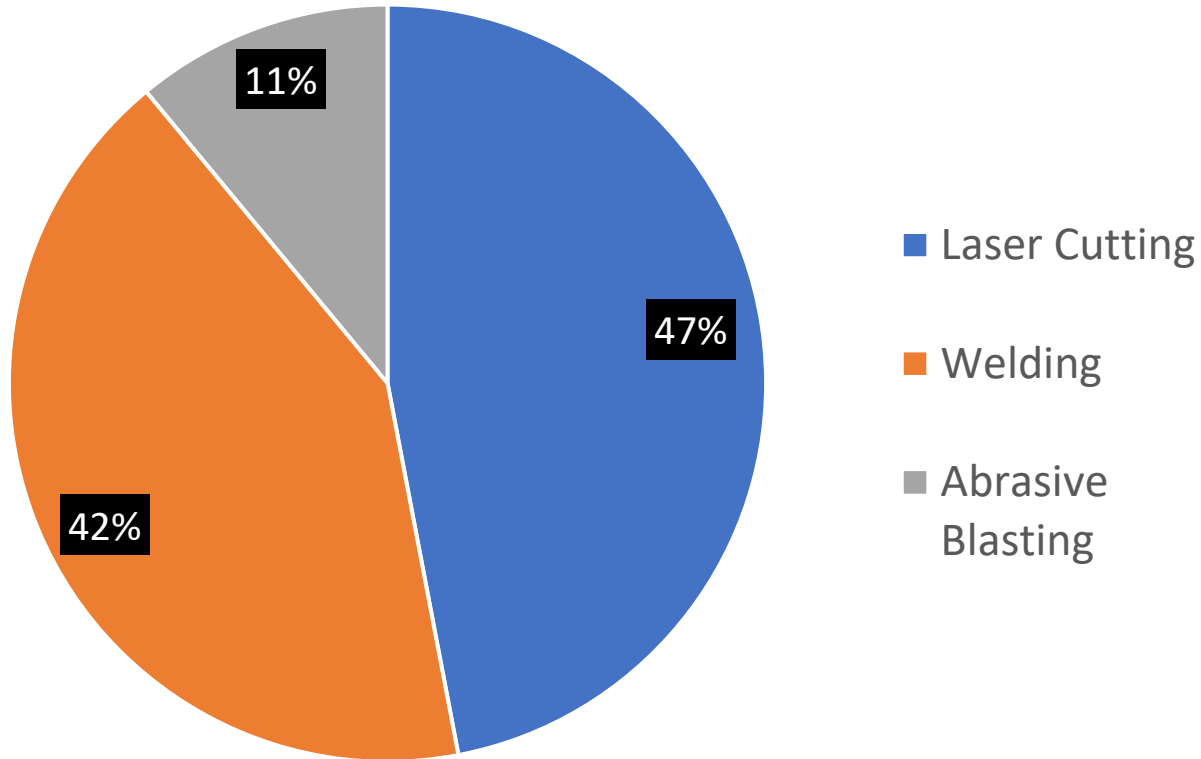


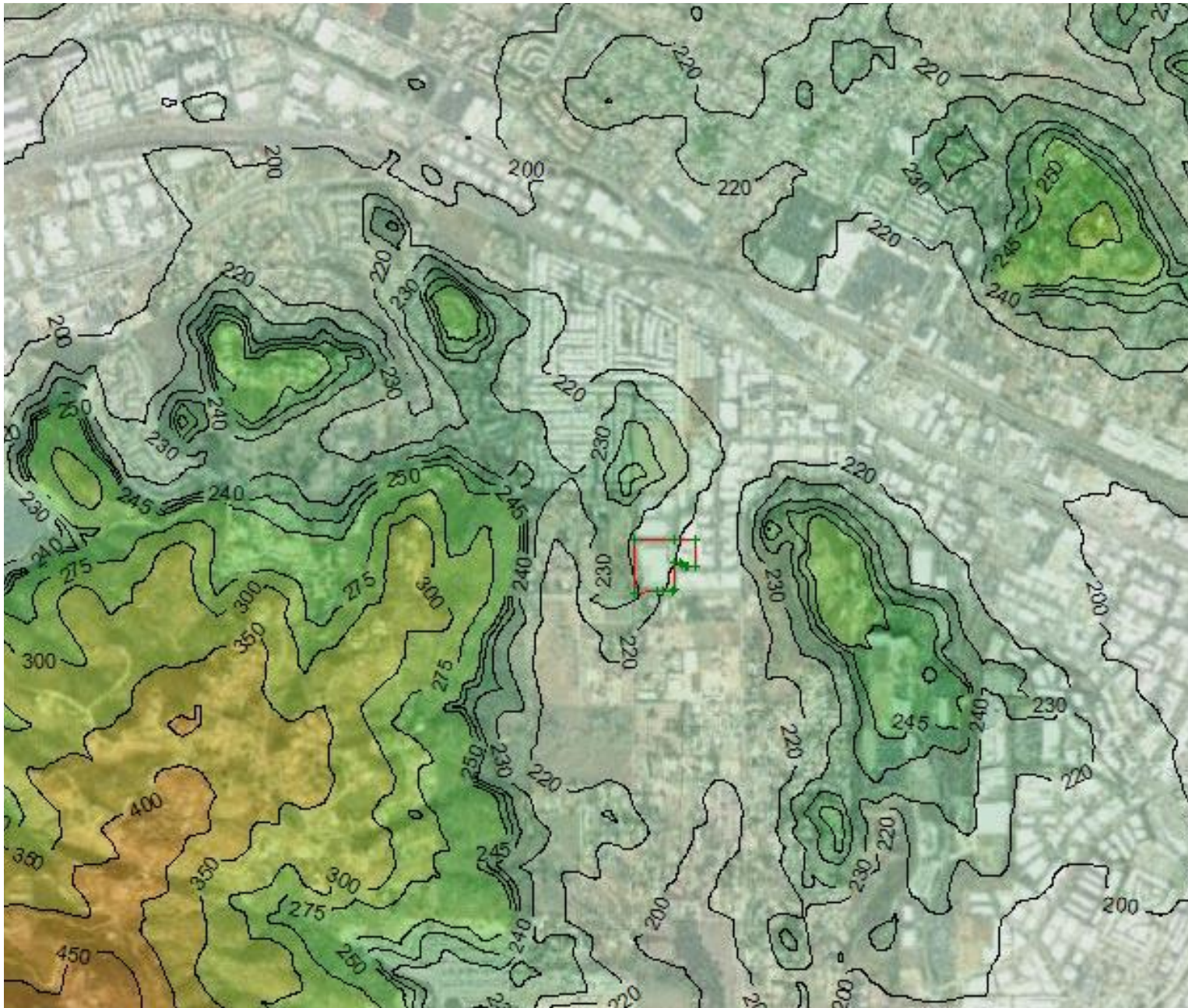
- Metal Fabrication
- 2874 Progress Place, Escondido, 92029

Emission Contributions

Maximum Acute Non-Cancer 4.55

Source Contribution – Nickel Emissions
(100% of Acute HHI)





Freeberg

- Topography impacts modeled concentrations
- Location and nearby terrain can be seen in HRA results

Next Steps



Freeberg is required to submit a Risk Reduction Audit and Plan (RRAP) based on their 2021 HRA by March 17, 2025

The Plan must demonstrate reduction of health risks below applicable thresholds of Rule 1210. RRAP will be made available for public review and comment

Freeberg 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>

SDAPCD Air Toxic "Hot Spots" Mapping Tool

To use: Select the dropdown menu to choose from the following informational maps and then click "Apply":

- "Approved HRA"** - This option will show all facilities with an approved Health Risk Assessment (HRA), the HRA results, and related documents.
- "HRA in Progress"** - This option will show all facilities required to conduct an HRA.
- "Areas of Impact"** - This option will show the areas potentially impacted by toxic emissions from surrounding facilities for different types of selectable health risks.

Click Apply

Approved HRAs

HRA

Apply Reset

Legend

SDAPCD Health Risk Assessment Data

Approved HRA Results

- ★ Facility requires public notification and risk reduction
- Facility requires public notification only
- Health risks below notification threshold

HRAs in Progress

- ▲ HRAs that were requested

Isopleths

- Risk Notification Isopleth

Facility Boundary

- Facility Boundary

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

