



South Coast Air Quality Management District

NOTICE OF PUBLIC MEETING TO DISCUSS HEALTH RISK ASSESSMENT FOR A FACILITY IN YOUR NEIGHBORHOOD

The following business in your neighborhood has been emitting toxic air pollutants that could potentially cause a risk to public health. Pac Rancho Inc. has been required to conduct a Health Risk Assessment (HRA) to evaluate how emissions are released and dispersed from Pac Rancho Inc., and the potential impact those releases may have to public health.

Business Name	Location Address	Type of Business
Pac Rancho Inc.	11000 Jersey Boulevard Rancho Cucamonga, CA 91730	Steel and Aluminum Foundry

As the air pollution control agency for this area, South Coast Air Quality Management District (South Coast AQMD) will hold a public meeting to answer questions about the results of Pac Rancho Inc. Approved HRA. A representative for Pac Rancho Inc. will also attend the meeting to answer questions about their operations and future plans to reduce emissions impacting your neighborhood. South Coast AQMD will hold the public meeting via video conferencing and by telephone. The audience will be able to participate during the public comment period.

Date & Time	Meeting Details
May 2, 2023 6:00 - 8:00 pm	<p>INSTRUCTIONS FOR ELECTRONIC PARTICIPATION</p> <p>Join Zoom Webinar Meeting - from PC or Laptop https://scaqmd.zoom.us/j/94672938262 Zoom Webinar ID: 946 7293 8262 (applies to all)</p> <p>Teleconference Dial In +1 669 900 6833 One tap mobile +16699006833,,94672938262#</p> <p>Audience will be allowed to participate during public comment periods.</p>

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

- As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.
- Before joining the call, please silence your other communication devices such as your cell phone or desk phone. This will prevent any feedback or interruptions during the meeting.
- Please Note: During the meeting, all participants will be placed on mute by the host. You will not be able to mute or unmute your lines manually.
- Speakers will be limited to a total of three (3) minutes for their opportunity to provide comments. This time may be reduced if there are a large number of commenters to ensure that all comments can be heard. A countdown timer will be displayed on the screen for each public comment.
- Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.

Directions for Video Zoom on a Desktop/Laptop/Smartphone

- If you would like to make a public comment, please click on the "Participants" button on the bottom of the screen.
- A list of participants will appear on the right side of the screen for computers and on a new screen for smartphones. At the bottom of the list, please click on the grey "Raise Hand" button.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.
- Please Note: At the bottom of your screen, please click the "Interpretation" button and select the appropriate language.

Directions for Telephone Line Only

- If you would like to make a public comment, please dial *9 on your keypad to signal that you would like to comment
- Please Note: There is no interpretation feature available when joining via telephone dial-in.





South Coast Air Quality Management District

Summary of Health Risk Assessment

The approved HRA, which used 2018 data, showed that nickel, hexavalent chromium, and beryllium emissions from Pac Rancho Inc. may cause an increased health risk for people who work in the area as seen in the attached Facility Risk Maps ([Figures 1 and 2]).

The attached information sheet provides additional background on the business, air pollutants and health risks. The following table shows the estimated, potential health risks from the 2018 Approved HRA.

	2018 Approved HRA
Maximum acute risk of any individual near the facility	21.26 Hazard Index
Maximum probability of cancer for those working closest to the facility (25 year exposure)	38.8 chances in-one-million
Maximum chronic risk of any individual working near the facility	4.48 Hazard Index
Maximum 8-Hour risk of any individual working near the facility	2.87 Hazard Index

For more information about South Coast AQMD programs to control toxic air pollution or the public meeting, please contact Victoria Moaveni of South Coast AQMD at (909) 396-2455 or vmoaveni@aqmd.gov. For more information about the facility, please contact Jim Inhoff at (909) 297-6177 or Jim.Inhoff@CPPCorp.com.

Disability and language-related accommodations can be requested to allow participation in the Pac Rancho Inc. Rule 1402 public notification meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the District. Please contact the AB 2588 Hotline at (909) 396-3610 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to AB2588@aqmd.gov.





2018 Approved HRA Facility Risk Maps (Figures 1 and 2)

Pac Rancho Inc.

(South Coast AQMD ID No. 140871)
Rancho Cucamonga, California

Pac Rancho Inc.

Figure 1: Non-Cancer Public Notification
Area Map

Pac Rancho Inc. (Red Outline)

Acute Hazard Index of 1.0 (Blue Contour)

Worker Chronic Hazard Index of 1.0
(Green Contour)

8-Hour Chronic Hazard Index of 1.0
(Yellow Contour)

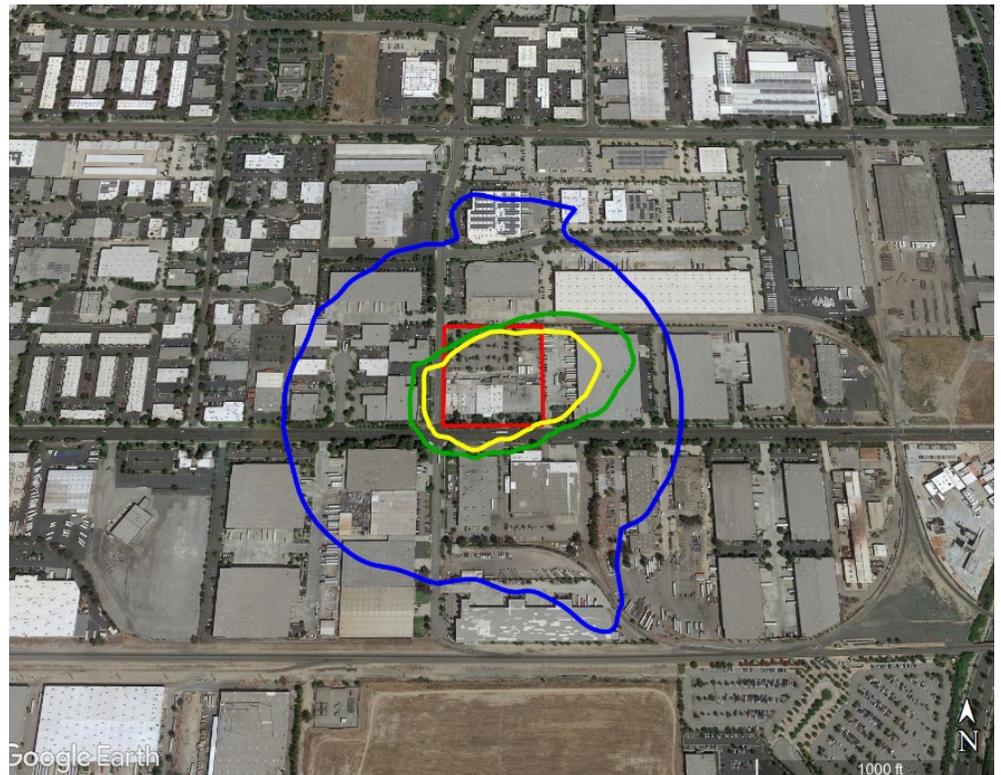


Figure 2: Cancer Public Notification Area
Map

Pac Rancho Inc. (Red Outline)

Worker Cancer Risk 10 Chances-in-One
Million (Yellow Contour)



Public Notification Required if:

- Maximum probability of cancer for those living closest to the facility is greater than 10 chances in-one-million
- Maximum probability of cancer for those working closest to the facility is greater than 10 chances in-one-million
- Long-term non-cancer health effects are greater than state health-based guidelines
- Short-term non-cancer health effects are greater than state health-based guidelines





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INFORMATION SHEET

What are toxic air pollutants?

Chemicals that can cause cancer and other adverse health effects such as harm to the human respiratory system are known as toxic substances. When these toxic substances are released in the air, they are called toxic air pollutants. Toxic air pollutants come from a variety of sources including chemical plants, large manufacturers, businesses and cars and trucks. Many products used at home, such as cleaners and paint thinners also contain toxic air pollutants.

What toxic air pollutants does this facility emit?

Exposure to elevated concentrations of nickel, hexavalent chromium, and beryllium can have potential cancer and non-cancer health risks. Long and short term health-based levels have been established by the California Office of Environmental Health Hazard Assessment (OEHHA).

The facility emits the following toxic air pollutants primarily as a result of melting furnace operations.

Pollutants	Possible Health Effects
Hexavalent Chromium	Long-term inhalation (years to decades) can increase the chances of developing cancer and non-cancer effects.
Beryllium	Long-term inhalation (years to decades) can increase the chances of developing cancer and non-cancer effects.
Nickel	Long-term inhalation (years to decades) can increase chance of developing cancer and non-cancer effects. Short-term acute exposure (one hour) can increase chance of immune system effects.

How was the health risk from this facility determined?

The 2018 Approved HRA used estimated amounts of pollutants released from operations at Pac Rancho Inc. That information is inputted into a computer-based model that evaluates air quality dispersion and predicts air pollution concentrations throughout the community. The results are then measured against exposure levels determined by OEHHA to predict potential impacts to people's health.

OEHHA updated their health effects guidance in March 2015 to specifically include new information that provides more insight on how toxic air pollutants can have a greater impact on children than they do on adults. This newer methodology led to stricter health standards, which in turn resulted in health risk estimates that are approximately three times more conservative than those using previous methods. This method of determining risk may differ from other regulatory programs, such as public notification being carried out under Proposition 65.

What did the Health Risk Assessment find?

An HRA is currently the best method for estimating the amount of exposure to a chemical over a long period of time and the potential health impacts.

The 2018 Approved HRA for Pac Rancho Inc. was calculated using conservative exposure periods which assumed continuous exposure from the facility.

The 2018 Approved HRA, based on known information at the time, found that people who work in the area shown on the Facility Risk Maps (Figures 1 and 2), if continuously exposed for 25 years, would have a maximum of 38.8 chances in-one-million of developing cancer mainly due to nickel, beryllium, and hexavalent chromium emissions from this facility.

Those who work in the area would also experience a maximum 8-hour chronic hazard index of 2.87 and a maximum worker chronic hazard index of 4.48. Chronic Risk is primarily due to nickel emissions at the facility.

Those who experience short-term exposures near the fence line of the facility would experience a maximum acute hazard index of 21.26 which is primarily due to nickel emissions at the facility

What is being done to reduce the health risks from this facility?

South Coast AQMD Rule 1402 — Control of Toxic Air Contaminants from Existing Sources applies to facilities that exceed specific risk thresholds (e.g., cancer risk greater than 25 chances in-one-million) and requires the facility to submit a plan to reduce its risk below thresholds and implement this risk reduction plan within two and a half years after approval.

In this case, Pac Rancho Inc. is required to conduct both public notification and risk reduction. South Coast AQMD has also developed other programs designed to prevent pollution and reduce exposure to toxic air pollution, such as air toxic regulations specific to certain sources.

What is the cancer risk from toxic air contaminants in general?

The Multiple Air Toxics Exposure Study V (MATES V) presents estimates of cancer risk throughout South Coast AQMD's four county jurisdiction. The estimated risk for cancer from all toxic air contaminants emitted from all sources (cars, trucks, factories, power plants, etc.) is about 455 chances in-one-million.

How can I get more information?

Table ES-2 of MATES V Executive Summary, available at: <http://www.aqmd.gov/docs/default-source/planning/mates-v/mates-v-final-report-9-24-21.pdf>

A copy of South Coast AQMD's approved health risk assessment for Pac Rancho Inc. is available online at: www.aqmd.gov/docs/default-source/planning/risk-assessment/Pac-Rancho/Pac-Rancho-HRA-Report.pdf

