



AB 2588 AIR TOXICS HOTSPOTS PROGRAM PUBLIC MEETING

R.J. Noble Company
November 19, 2025

TWO MEETING FORMATS

DOS FORMATOS DE REUNIÓN



Zoom Format/Formato de Zoom

Please click on the interpretation button  at the bottom of your screen that looks like a globe. Then, select the language of your choice – either English or Spanish. Please use the tabs at the top of your screen to view the presentation in your language of choice.

Por favor, haga clic en el botón  de interpretación en la parte inferior de su pantalla que parece un globo terráqueo. Luego, seleccione el idioma de su elección: inglés o español. Por favor, use las pestañas en la parte superior de su pantalla para ver la presentación en el idioma de su preferencia.

Teleconference Format/Formato de Teleconferencia

To join via telephone, call **1-669-254-5252**
Then enter the English meeting ID: **160 128 8911**

Si está llamando para la reunión y desea escuchar en español,
por favor llame al **1-669-254-5252** e ingrese el número de
identificación de la reunión **161 175 7966**

Technical Assistance/ Asistencia Técnica
909-396-2311

GENERAL MEETING ANNOUNCEMENTS

ASUNTOS GENERALES DE LA REUNIÓN



Please silence your cell or desk phone to avoid feedback or interference.

Everyone except the presenter will be muted until public comment.

Public comment will be held after the presentations.

Por favor, silencie su teléfono celular o de escritorio para evitar comentarios o interferencias.

Todos excepto el presentador serán silenciados hasta el comentario público.

Comentario público se llevará a cabo después de las presentaciones.

MEETING CONDUCT GUIDELINES / PAUTAS DE CONDUCTA DE LA REUNIÓN



Please make public comments with courtesy and civility.

Profanity or discriminatory comments are prohibited.

Any violation of the above rules can result in your mic being muted or you being dropped from the ZOOM or teleconference meeting lines.

Por favor, haga comentarios públicos con cortesía y civilidad.

Se prohíbe la profanidad o los comentarios discriminatorios.

Cualquier violación de las reglas puede resultar en que su micrófono sea silenciado o que seas expulsado de las líneas de reunión de ZOOM o teleconferencia.



PUBLIC COMMENT OR ASK A QUESTION / Hacer un comentario público o hacer una pregunta



ZOOM: Click on the “raise your hand” button at the bottom of your screen.

TELECONFERENCE: Dial *9 to “raise your hand”, press *6 to unmute

Your name will be called when it is your turn to comment and the host will unmute your line automatically.

For Technical or General Assistance: Please call: 909-396-2311.

ZOOM: Haga clic en el botón "levantar la mano" en la parte inferior de la pantalla.

TELECONFERENCE: Marque *9 para "levantar la mano"

Su nombre será llamado cuando sea su turno de comentar y el anfitrión activará automáticamente su línea.

Para asistencia técnica o general: Por favor llame al: 909-396-2311

SOUTH COAST AQMD STAFF

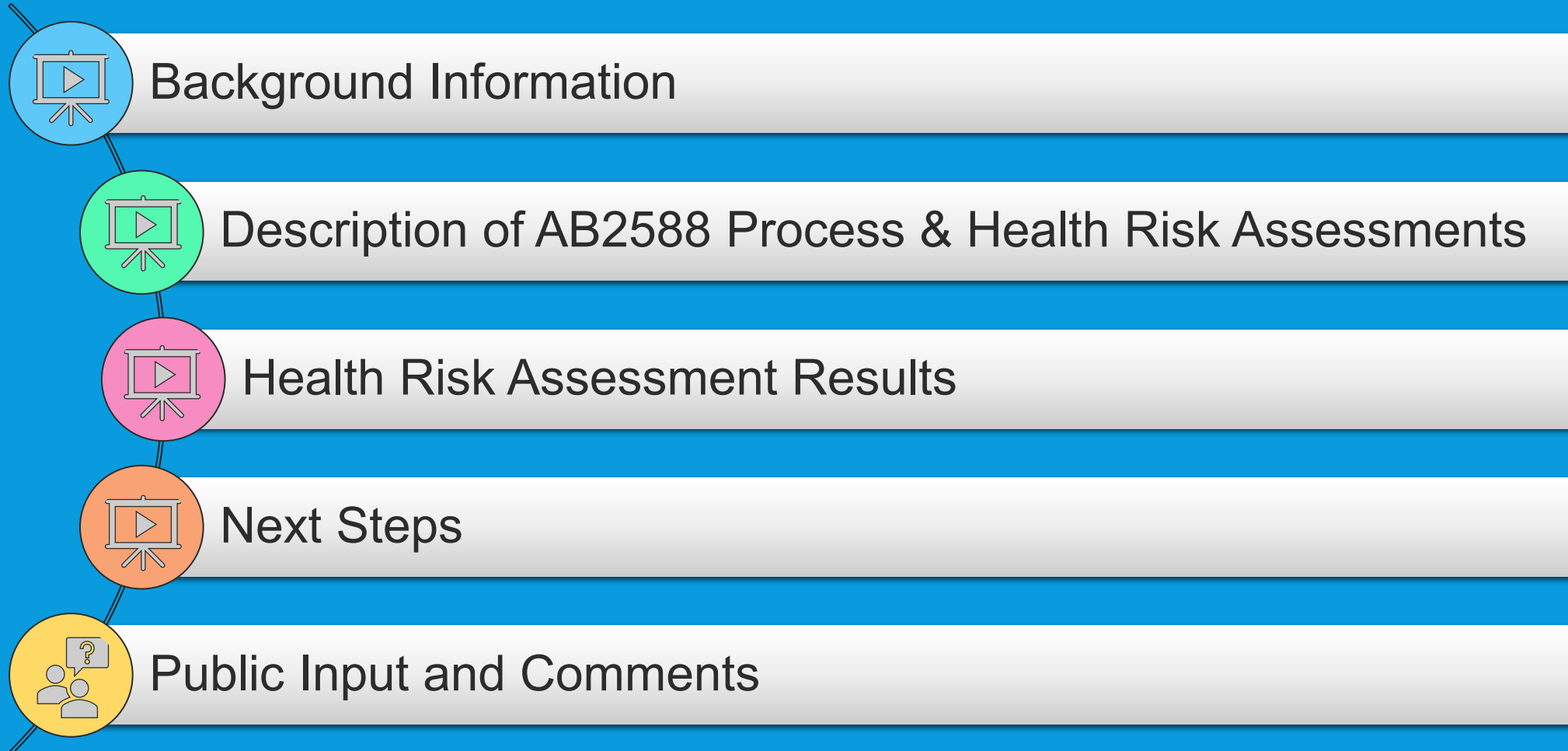
PERSONAL DE SOUTH COAST AQMD



Program Staff/*Personal del programa:*

- Dr. Scott Epstein, Planning Manager at 909-396-3754 and sepstein@aqmd.gov.
- Victoria Moaveni, Program Supervisor at 909-396-2455 vmoaveni@aqmd.gov.

MEETING OUTLINE



OVERVIEW

- The AB 2588 Air Toxics “Hotspots” Program helps identify facilities that impose potential health risks in the surrounding community
- Emissions from R.J. Noble Company (R.J. Noble) were evaluated in a Health Risk Assessment report
- Cancer and non-cancer health risks from cobalt and arsenic emissions by R.J. Noble exceeded South Coast AQMD thresholds in the surrounding community
- R.J. Noble is required to reduce risk with a Risk Reduction Plan

WHO IS SOUTH COAST AQMD?

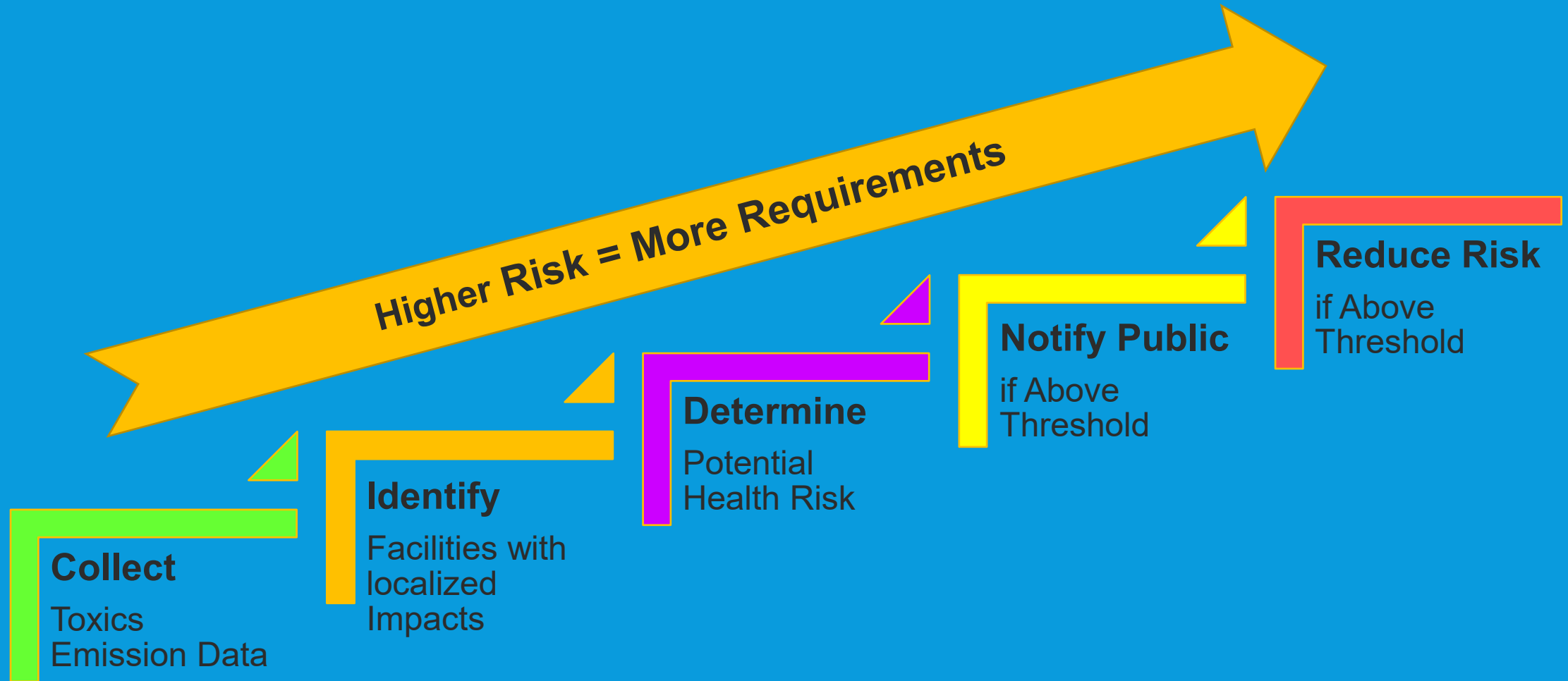
- Government Agency covering major portions of four counties
- Over 17 Million People
- Over 28,000 permitted sources
- Regulates toxic air pollution
- Tasked with meeting state and federal air quality standards



WHAT IS AB 2588?

- State law enacted in 1987 that created a Public **Right-to-Know** Program
- Purpose
 - Collect emissions data every 4 years to identify facilities having localized impacts
 - Evaluate potential health risks through Health Risk Assessments (HRA)
 - Notify residents and reduce health risks if notification and risk reduction thresholds exceeded
- Locally implemented through South Coast AQMD Rule 1402
 - More stringent requirements for reducing health risk than statewide program

AB 2588 PROCESS

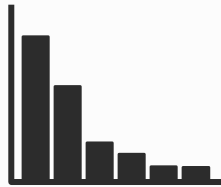


ABOUT HEALTH RISK ASSESSMENTS (HRA)

Estimates the chance that a person may experience a health effect from toxic air contaminant emissions

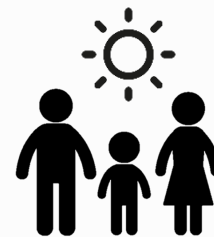


An HRA provides an estimate of health risks across a community through computer modeling



“Snapshot” based on toxic air contaminant emissions from one year of operation

Assumes 2017 emissions levels for 30 years



HRA based on conservative assumptions to protect sensitive populations such as children

DETERMINING COMMUNITY IMPACTS FROM A FACILITY WITH A HEALTH RISK ASSESSMENT (HRA)

SOUTH COAST
AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Dr.
Diamond Bar, CA 91765-4178

R.J. Noble Company
Orange HOT MIX ASPHALT PLANT
Facility ID #19167
Revised Health Risk Assessment
Reporting Year 2017

Prepared For:

R.J. Noble Company
15505 E Lincoln Ave.
Orange, CA 92865 1015

Project No.: RJN08-17-2268
Contact: Scott Taylor
Date: January 2, 2025



5122 Bolsa Avenue, Suite 101
Huntington Beach, CA 92649
Phone: (714) 587-2595 Fax: (714) 587-2596
www.tayloresinc.com

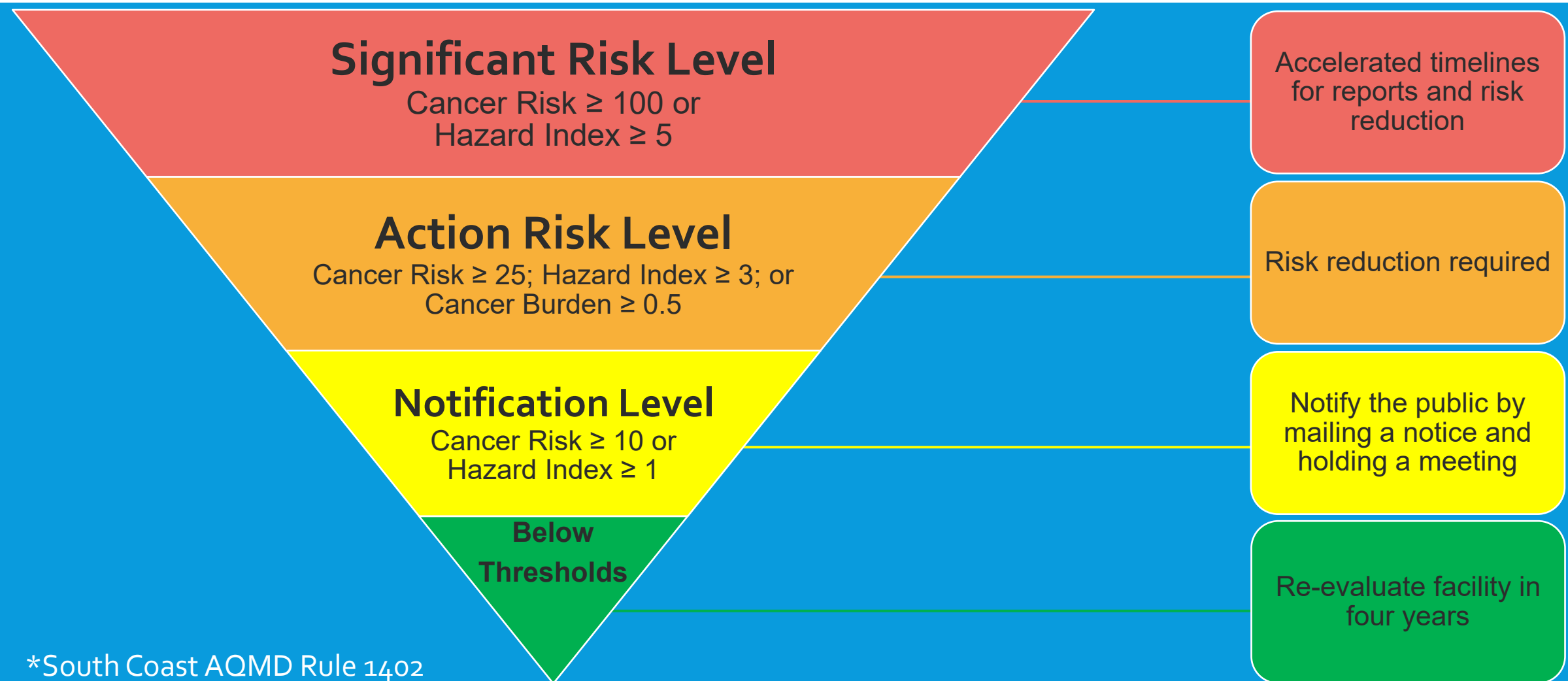
Cancer Risk

- Reported as the probability of a cancer case (“chances in-one-million”)
- Estimates cancer risks for both residents and workers

Non-Cancer Risk

- Types of Non-Cancer Risk:
 - Acute: Short-term exposure (1 hour)
 - Chronic: Long-term exposure (>1 year)
 - 8-Hr Chronic: Recurring 8-hour exposures to simulate workers
- Expressed in terms of a Hazard Index

SOUTH COAST AQMD HEALTH RISK THRESHOLDS* FOR A SINGLE FACILITY



*South Coast AQMD Rule 1402

R.J. NOBLE LOCATION AND ACTIVITIES

- Located at 15505 E. Lincoln Ave. in Orange, CA
- Hot mix asphalt facility that produces asphalt concrete mixes using aggregate and Recycled Asphalt Pavement (RAP)
- HRA based on 2017 emissions from equipment like screens, conveyors, hoppers, and rotary dryer, as well as from roads and storage piles

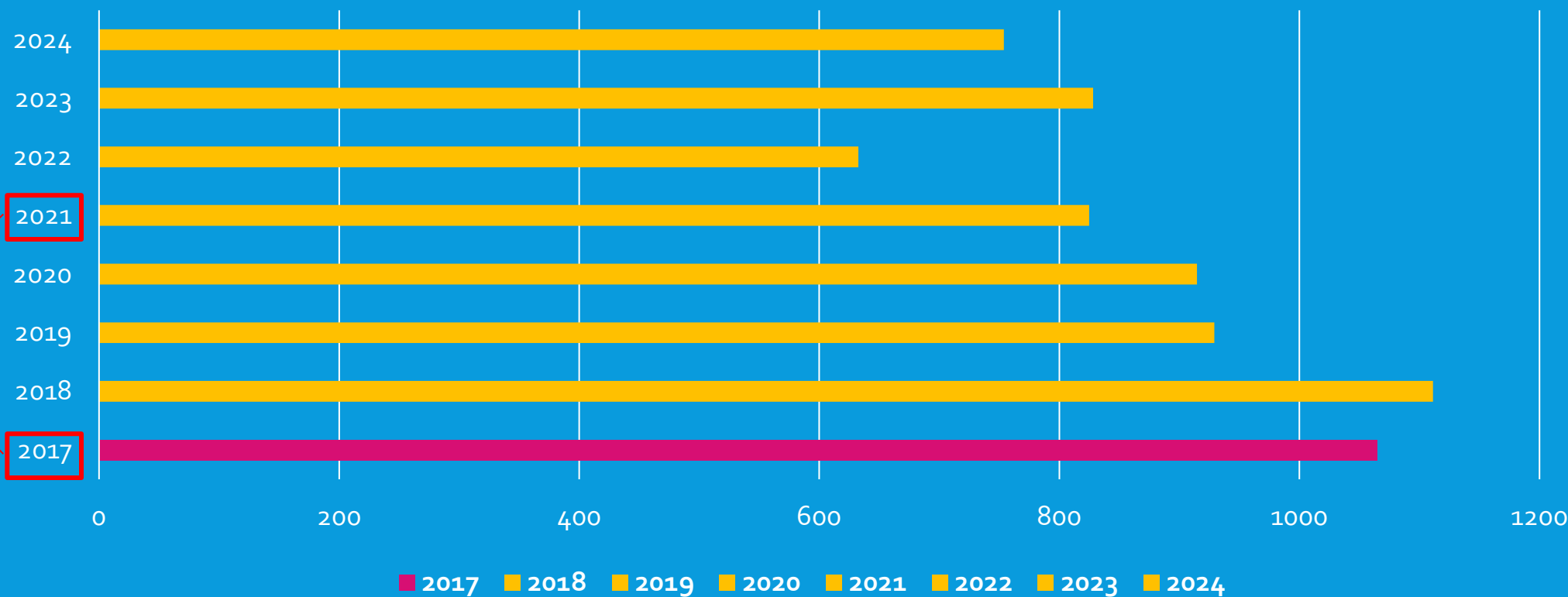


Boundary of R.J. Noble Company

RJ NOBLE ANNUAL PRODUCTION

Asphalt Loadout Throughput (1000 tons of hot mix asphalt produced)

AB 2588
Years



2017 was one of the years with highest loadout and emissions; using the 2017 inventory is conservative

MAIN SOURCE OF EMISSIONS AT R.J. NOBLE

Main Operations

- Primary operations: rotary dryer, storage piles, storage tanks
- Other equipment: conveyors, hoppers, crushers, feeders

Main pollutants

- Cobalt
- Arsenic

Main source of emissions

- Aggregate storage piles, paved roads, rotary dryer

TOXIC AIR POLLUTANT INFORMATION

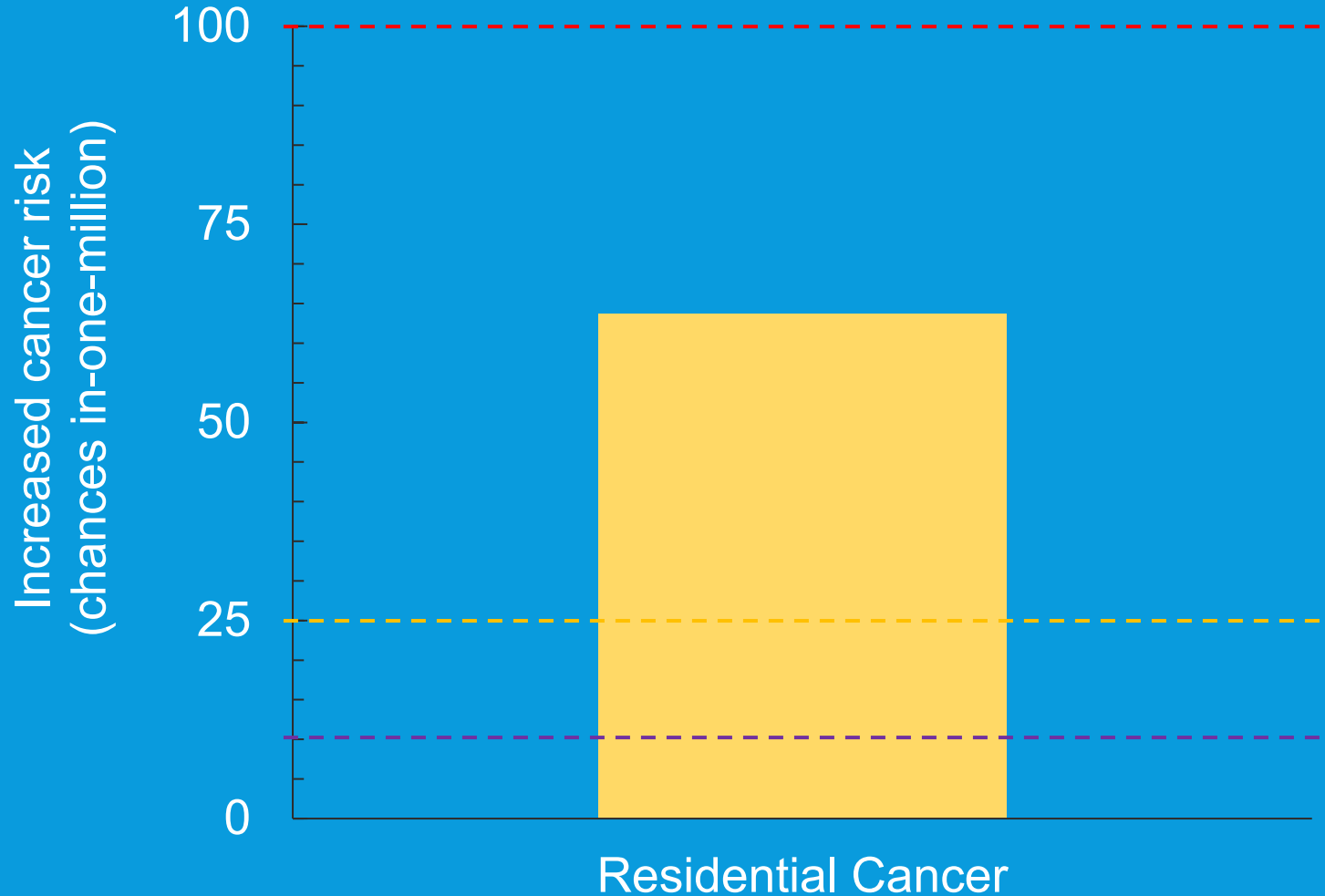
Toxic Air Pollutant	Exposure	Potential Health Effects
Cobalt	Long-Term (years to decades)	Increases the risk of developing cancers (e.g. lung cancer)
Arsenic	Short-Term	Can cause adverse effects on development; cardiovascular system; nervous system; respiratory system; skin
	Long-Term (years to decades)	Increases the risk of developing cancers (e.g. lung cancer)

AREA WITH ELEVATED CANCER RISK

- Facility Boundary
- Residential Cancer Risk ≥ 10.0 chances in-one-million



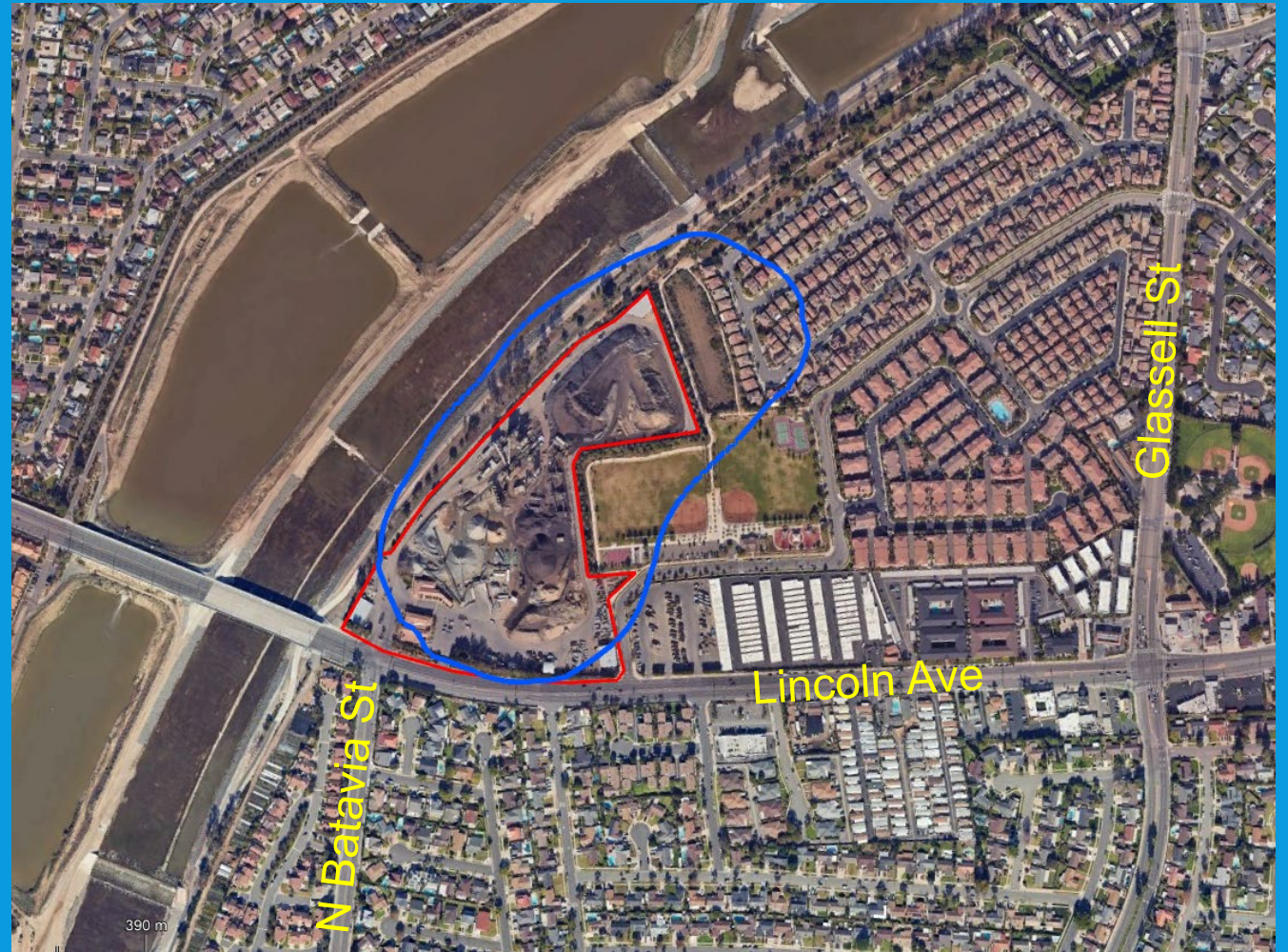
CANCER RISK AT MOST IMPACTED LOCATION



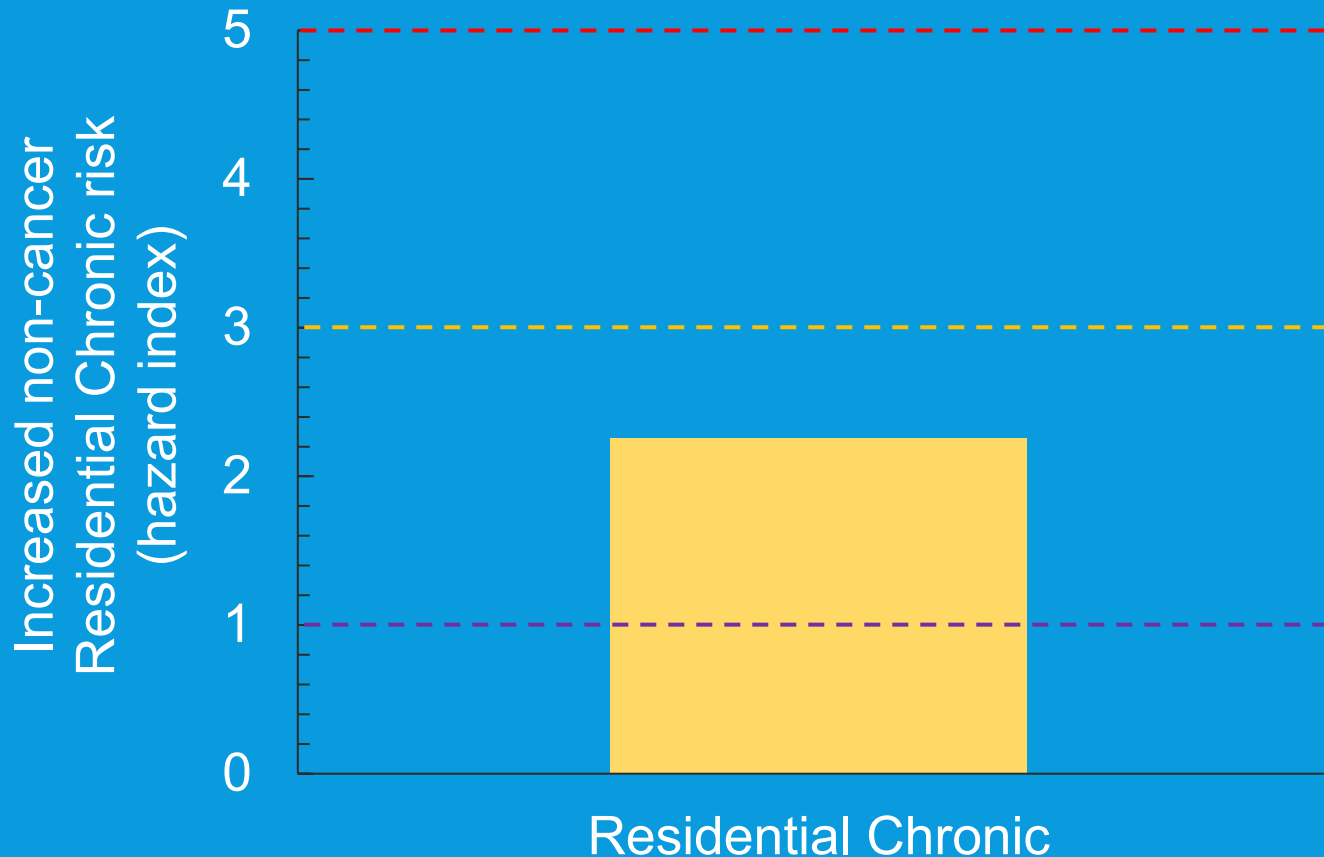
- Estimated emissions calculated based on 2017 inventory year
- Cobalt and Arsenic emissions contribute ~82% of cancer risks from facility
- The main sources of residential cancer risk are emissions from aggregate storage piles and paved haul roads
- Average cancer risk in the South Coast Air Basin from all sources of air pollution is about 450 chances in-one-million

AREA WITH ELEVATED NON-CANCER RESIDENTIAL CHRONIC RISK

- Facility Boundary
- Non-Cancer Chronic Hazard Index ≥ 1.0



NON-CANCER RESIDENTIAL CHRONIC RISK AT MOST IMPACTED LOCATION



- Estimated emissions calculated based on 2017 inventory year
- Arsenic emissions contributed ~85% of the non-cancer residential chronic risk
- The main sources of non-cancer residential chronic risks are emissions from aggregate storage piles and paved haul roads
- Average non-cancer residential chronic Hazard Index in South Coast Air Basin from all sources of air pollution is about 5.5

ENFORCEMENT ACTIVITIES FOR R.J. NOBLE



- Annual on-site inspections and comprehensive emissions audits, with last inspection in May 2025
- Additional surveillance operations conducted in October 2025 to evaluate dust and odors
- Over the past three years, approx. 50 public complaints received, and inspectors responded to all complaints
- No violations identified during complaint investigations, and only two Notices of Violation issued in the last decade, both for late reporting of annual gasoline throughput

NEXT STEPS: RISK REDUCTION PLANS

- R.J. Noble must submit Risk Reduction Plan by January 22, 2026
 - Plan details how they will reduce risk below risk reduction thresholds
 - Actions must be permanent, quantifiable, and enforceable
- South Coast AQMD staff reviews and approves the Risk Reduction Plan
- Risk Reduction Plan will be implemented as soon as feasible but no later than 2 ½ years from the approval date

MORE INFORMATION ON THE AB 2588 PROGRAM

- South Coast AQMD AB 2588 Website
 - <http://www.aqmd.gov/ab2588>
- Email: ab2588@aqmd.gov
- Hotline: 909-396-3616
- Link and QR code to the Approved HRA
 - https://www-s.aqmd.gov/docs/default-source/planning/risk-assessment/rj-noble--19167/2025hra.pdf?sfvrsn=fc86c7e_4

A screenshot of the South Coast AQMD website's AB 2588 program page. The header is blue with the AQMD logo and a search icon. The breadcrumb trail reads: Home / Rules & Compliance / Compliance / Toxic "Hot Spots" (AB 2588). The main heading is "Air Toxics "Hot Spots" Program (AB 2588)". Below this, there are sections for "Upcoming Events", "Recent AB 2588 Activity" (listing "RJ Noble HRA Approval - Sept. 24, 2025"), "AB 2588 Guidance Documents and Reports" (with sub-sections for "Annual Report" and "Guidance Documents" listing various reports and procedures with dates), and "Forms" (listing the "Risk Summary Form (Sep. 2024)").

South Coast AQMD

Home / Rules & Compliance / Compliance / Toxic "Hot Spots" (AB 2588)

Air Toxics "Hot Spots" Program (AB 2588)

Upcoming Events

Recent AB 2588 Activity:

RJ Noble HRA Approval - Sept. 24, 2025

AB 2588 Guidance Documents and Reports:

Annual Report

AB 2588 2023 Annual Report (Sep. 2024)

Guidance Documents

AB 2588 Facility Prioritization Procedures (Oct. 2020)
AB 2588 Supplemental Guidelines (Sep. 2024)
AB 2588 Voluntary Risk Reduction Plan Guidelines (Sept. 2018)
Public Notification Procedures (Oct. 2020)
Quadrennial Air Toxics Emissions Reporting Procedures (Jan. 2025)

Forms

Risk Summary Form (Sep. 2024)