



**LRAPA**  
Lane Regional Air Protection Agency

## AGENDA

### LRAPA CITIZENS ADVISORY COMMITTEE (CAC)

May 25, 2021

Start promptly at 12:00 noon, adjourn at 1:00 p.m. or earlier.

#### **Via ZOOM - meeting information:**

Join Zoom Meeting

<https://us02web.zoom.us/j/88502781432>

#### **For Audio Only:**

Meeting ID: 885 0278 1432

+12532158782, 88502781432# US (Tacoma)

+13462487799, 88502781432# US (Houston)

- I. Call to Order/Agenda Review – (5 minutes – 12:00)
- II. Public Participation (5 minutes – 12:05)
- III. Board Meeting Overview (5 minutes – 12:10)
- IV. Cleaner Air Oregon Presentation – Max Hueftle (30 minutes -12:15)
- V. Round table (15 mins - 12:45)
- VI. Adjournment 1:00 p.m.

*We endeavor to provide public accessibility to LRAPA services, programs, and activities for people with disabilities. People needing special accommodations to participate in LRAPA public hearings such as assistive listening devices or accessible formats such as large print, Braille, electronic documents, or audio tapes, should please contact the LRAPA office as soon as possible, but preferably at least 72 hours in advance. For people requiring language interpretation services, including qualified ASL interpretation, please contact the LRAPA office as soon as possible, but preferably at least 5 business days in advance so that LRAPA can provide the most comprehensive interpretation services available. Please contact the LRAPA NonDiscrimination Coordinator at [accessibility@lrapa.org](mailto:accessibility@lrapa.org) or by calling the LRAPA office at 541-736-1056.*

*Nos esforzamos por proporcionar accesibilidad pública a los servicios, programas y actividades de LRAPA para personas con discapacidades. Las personas que necesiten adaptaciones especiales, como dispositivos de asistencia auditiva, formatos accesibles como letra grande, Braille, documentos electrónicos o cintas de audio, deben comunicarse con la oficina de LRAPA con al menos 72 horas de anticipación. Para las personas que requieren servicios de interpretación de idiomas, incluyendo la interpretación calificada de ASL, comuníquese con la oficina de LRAPA al menos con 5 días laborables de anticipación para que LRAPA pueda proporcionar los servicios de interpretación que sean lo más completos disponibles. Para todas las solicitudes, envíe un correo electrónico al Coordinador de Antidiscriminatoria de LRAPA a [accessibility@lrapa.org](mailto:accessibility@lrapa.org) o llame a la oficina de LRAPA al 541- 736-1056*

**LRAPA CITIZENS ADVISORY COMMITTEE  
(CAC) Meeting Notes**



**VIA ZOOM**

**May 30, 2021**

**Attending:** Jim Daniels (Chair), Kelly Wood, Jeff Carman, Paul Metzler, Jack Carter, Evelina Davidova, Shane Ruddell

**Absent:** Kathy Lamberg, (Vice-Chair), Gery Vander Meer, Link Smith, Terry Richardson

**Staff:** Steve Dietrich, Travis Knudsen, Max Hueftle, Debby Wineinger, Robbye Robinson

Call to Order: 12:08 PM

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**Public Participation – none**

**Board Meeting Overview:**

- FY 2022 Budget adopted.
- JH Baxter – Complaints, LRAPA/DEQ fines and site cleanup.
- Air toxics section added to website.

**CAO-Cleaner Air Oregon Presentation (Travis Knudsen, Max Hueftle, and Steve Dietrich)**  
(Copy of presentation attached)

**Roundtable:**

- Paul Metzler – Previously had asked about asbestos, whether any of the sources are naturally occurring from serpentina type rocks coming from the coastal mountain areas, is that something LRAPA looks at? It especially piqued his interest because he heard some public service announcements oriented toward demolition contractors here in the last month or so. Steve Dietrich had noted this during the last meeting. Jim Daniels said that will be a topic for June's meeting.
- Jim Daniels – With latest CDC guidelines, thoughts when LRAPA will be back in the office? When meetings might be back to in person? Steve Dietrich said have already started ramping up staff presence in the office. Still trying to figure out phasing in person meetings. Travis Knudsen added that guidance from the governor's office on gatherings is still currently county by county.

Adjourned 1:03 PM

**Next Meeting Tuesday – June 29, 2021, VIA ZOOM**



# Operational Air Permits in Lane County & Cleaner Air Oregon



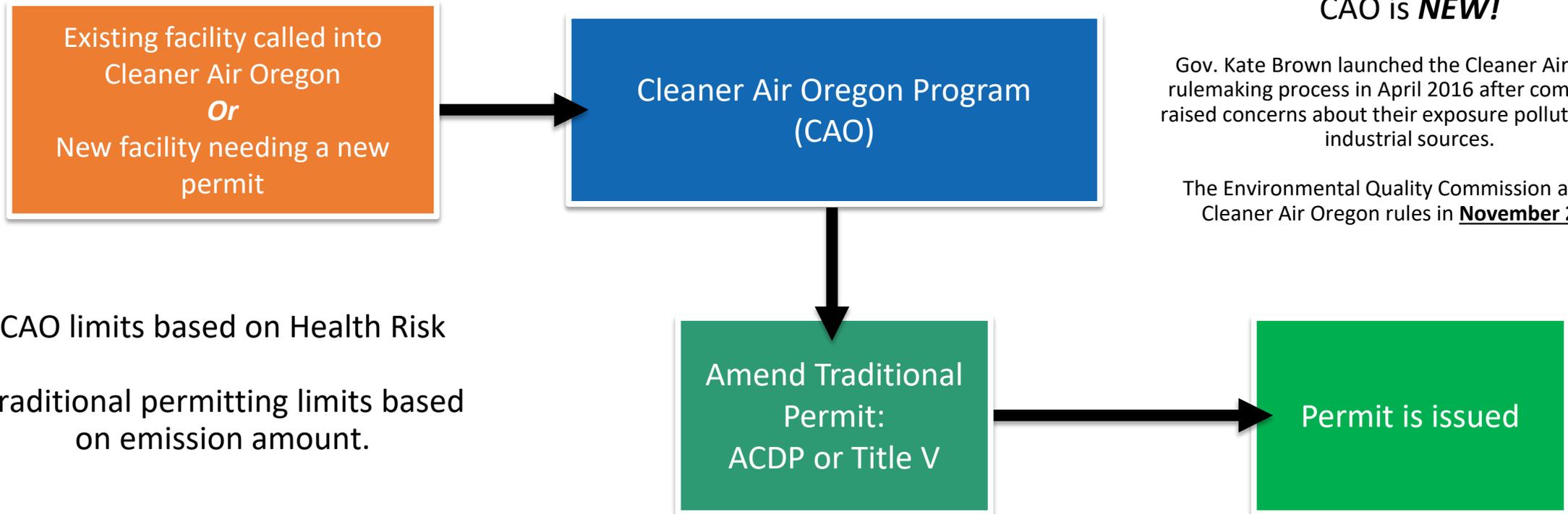
# Operational Air Permits

- What is an air permit?
  - Legally binding document issued for facilities who emit pollutants above certain levels.
  - Can place limits on activity or mandate processes/operations.
- LRAPA issues air permits in Lane County.
  - LRAPA is the only regional air authority in Oregon, DEQ is the authority for the rest Oregon.
  - LRAPA is local, providing more opportunity for local voices to be heard and guide decisions made in the air regulating process.

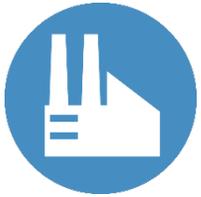


# Cleaner Air Oregon (CAO) Vs. Traditional Permitting

CAO exists in addition to traditional permitting.



# The Cleaner Air Oregon Program



## Report air toxics

Companies to report use of over 600 pollutants to LRAPA/DEQ.



## Assess risk

Facilities calculate **potential** health risks to people who live, work, and go to school nearby.



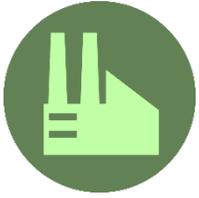
## Regulate to reduce risk

The higher the **potential** health risk the more actions the facility must take.

- Topic to come: “Risk Action Levels” (RALs)



# Facility is “called in” or is new (Step 1)



## Who will go through Cleaner Air Oregon?

New facilities requesting a new permit will enter CAO immediately.

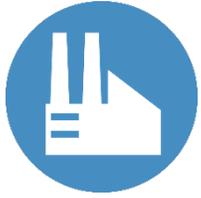
Existing facilities are “called in” to the CAO program based on prioritization groupings.

LRAPA facilities in currently working through CAO:

- Hexion, Inc.
- J.H. Baxter & Co.
- Seneca Sustainable Energy, LLC
- The Willamette Valley Company



# CAO's Emissions Inventory (Step 2)



## What are **ALL** the pollutants coming from the facility?

This is often the longest, but most vital, part of CAO. This informs the remainder of the CAO process.

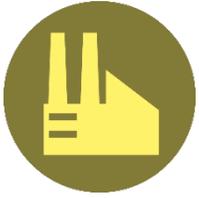
A Toxic Air Contaminant emissions inventory is a list of information about each contaminate a facility emits.

This often includes source/stack testing.

- Stack testing is taking a sample and measurement at exhaust points of a facility. Such as the top of stack towers.



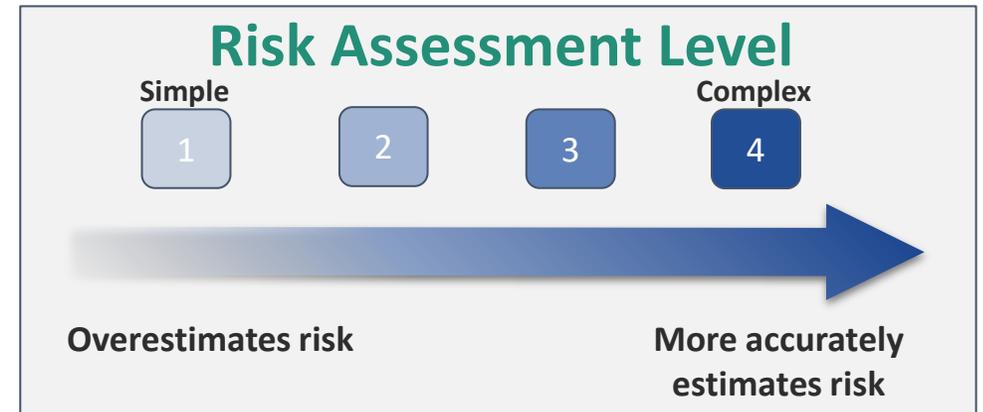
# CAO's Modeling Protocol (Step 3)



## How will pollutants move across a region?

Once the Emissions Inventory is complete, a computer model uses dispersion algorithms to determine the movement of pollutants.

- Meteorological data
- Terrain information
- Exposure points
- Pollutant concentration
- Other factors that effect where pollutants will go when they enter the atmosphere



The higher the risk assessment the more complicated and more precise the dispersion model required.



# How do we assess risk? (Step 4)



## Assess risk

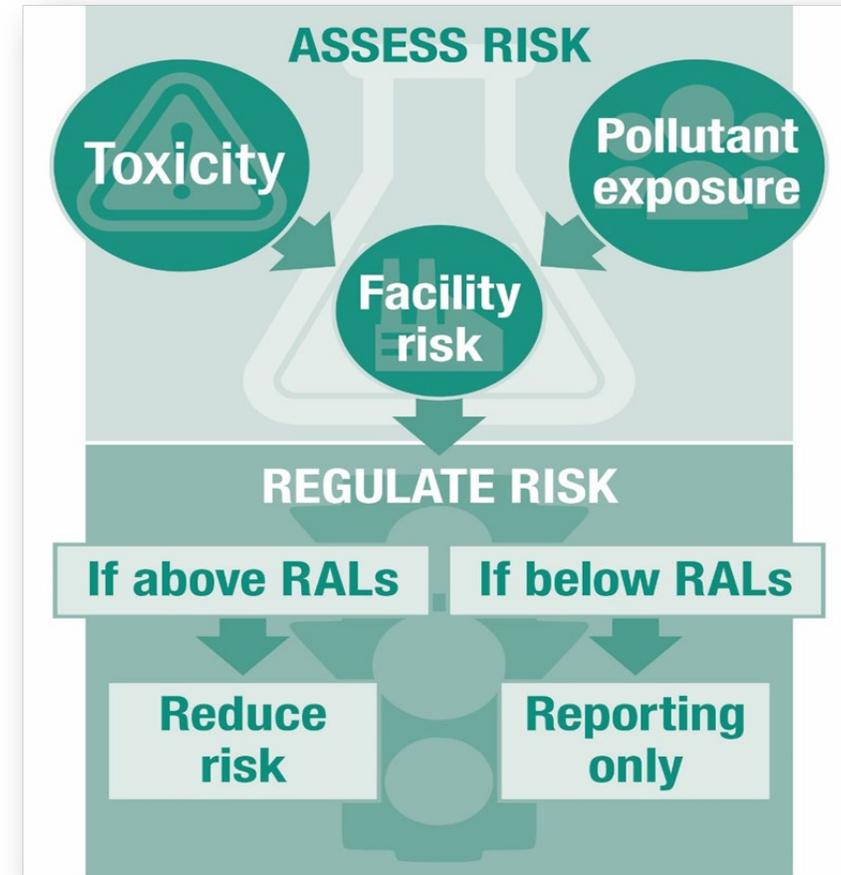
Facilities calculate **potential** health risks to people who live, work, and go to school nearby.

Examine the toxicity of pollutants created by processes in their work.

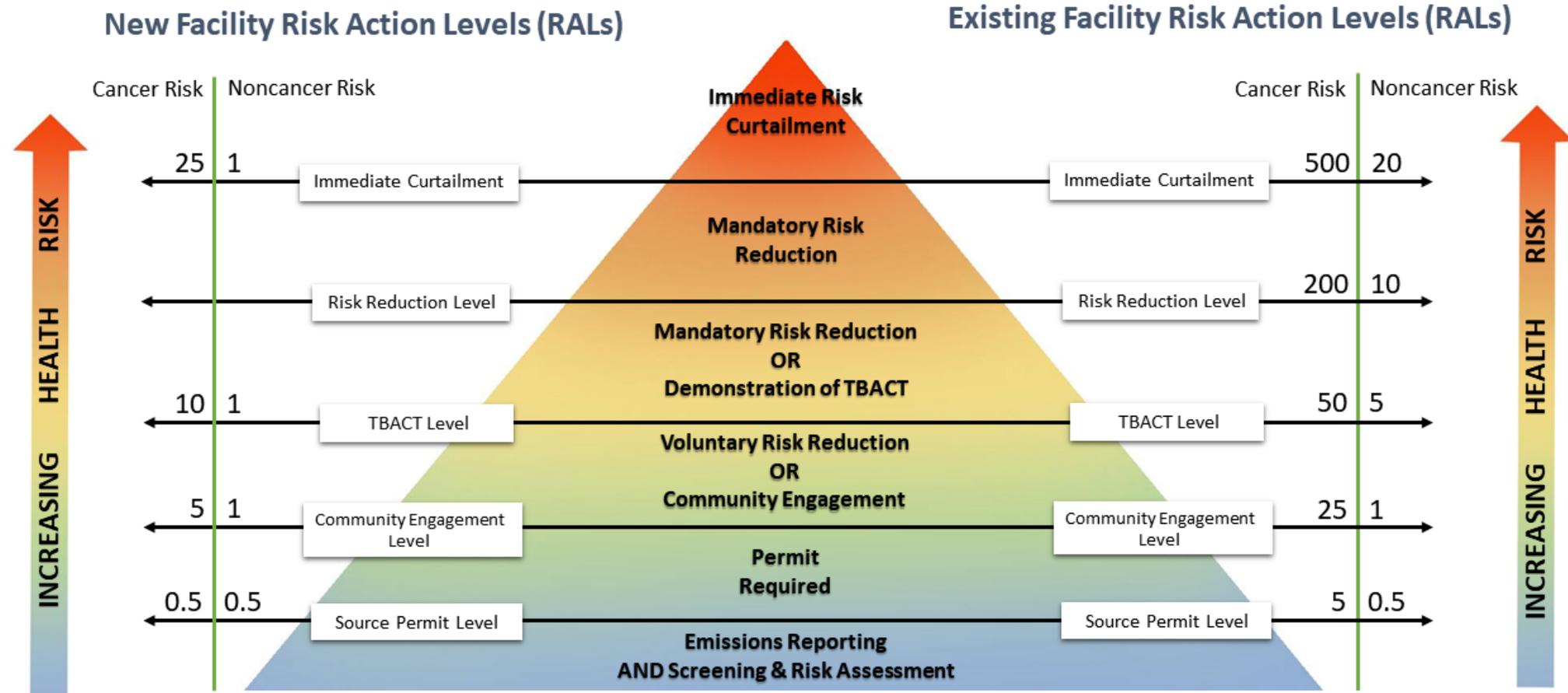
Examine how are people exposed to those pollutants.

This assessment determines the risk.

Compare this risk to the RISK ACTION LEVEL (RALs).

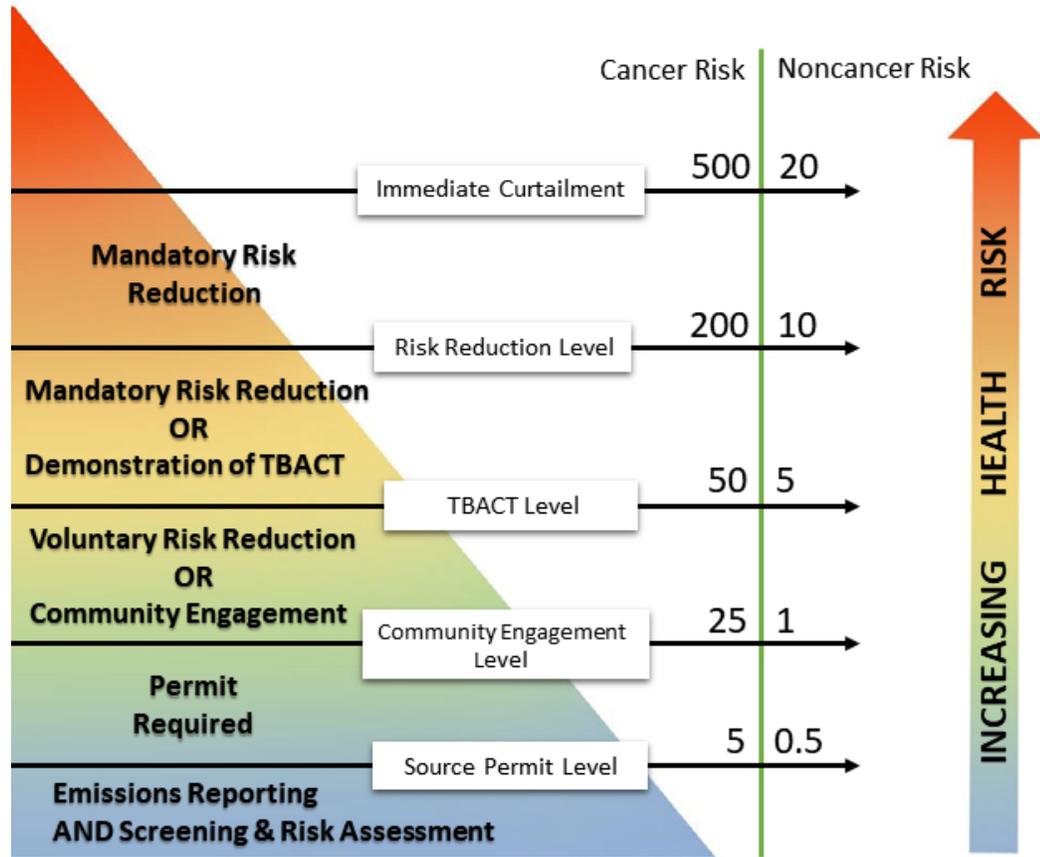


# Risk Action Levels (RALs)

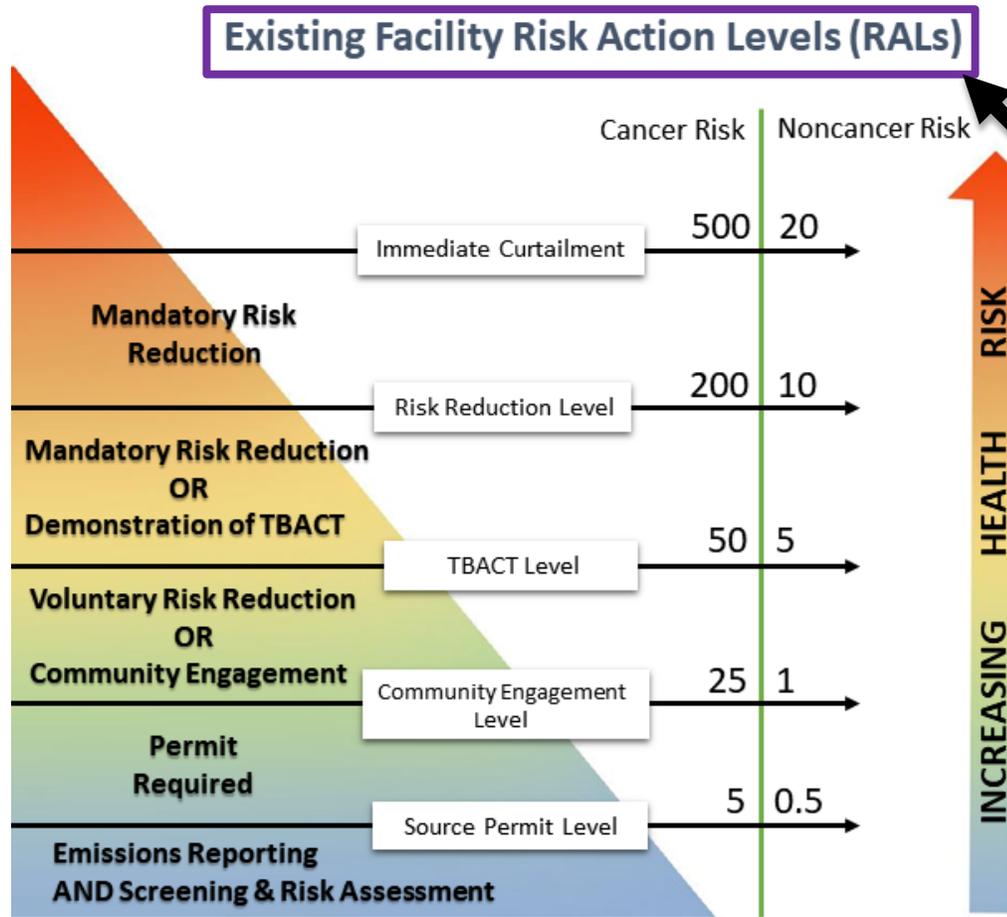


# Risk Action Levels (RALs)

Existing Facility Risk Action Levels (RALs)



# Risk Action Levels (RALs)



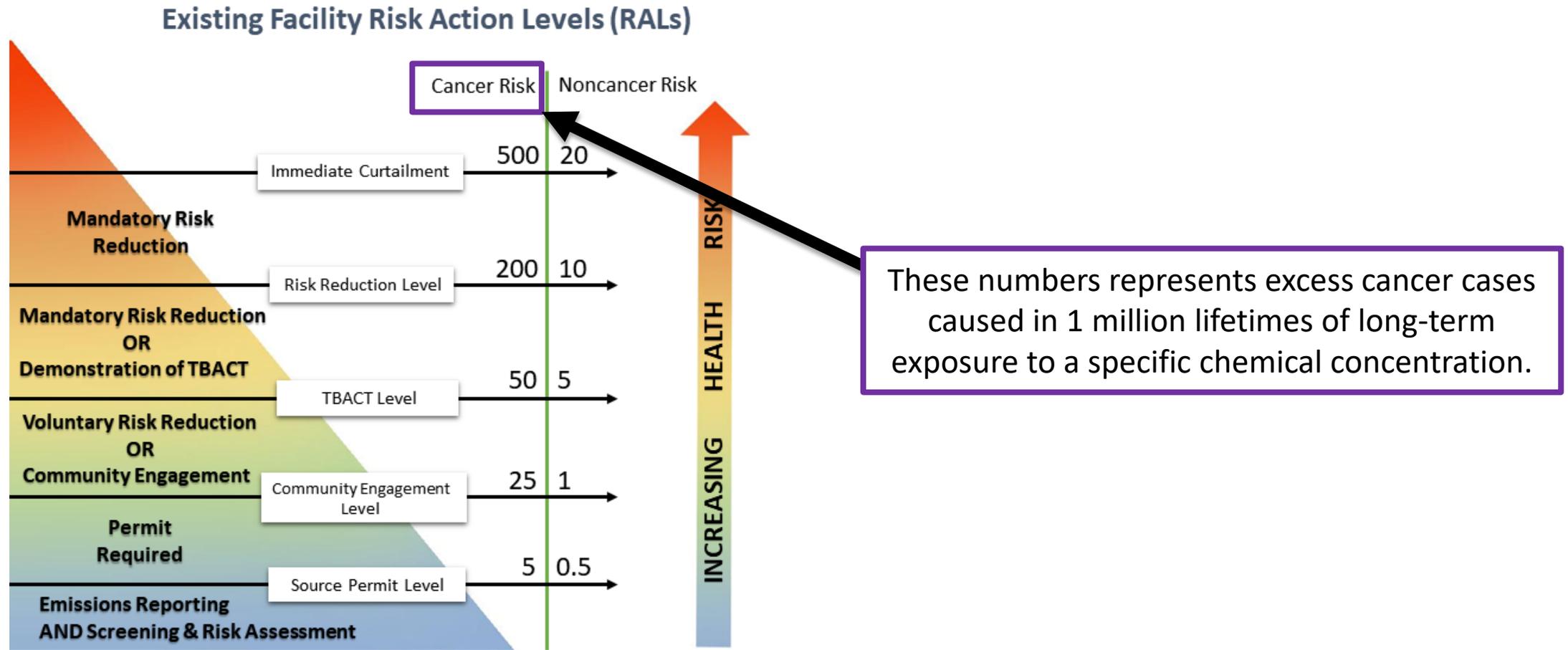
New facilities and existing facilities have different RALs.

The state Legislature set these statutory benchmarks.

After 2029 the benchmark for existing facilities will be reevaluated.

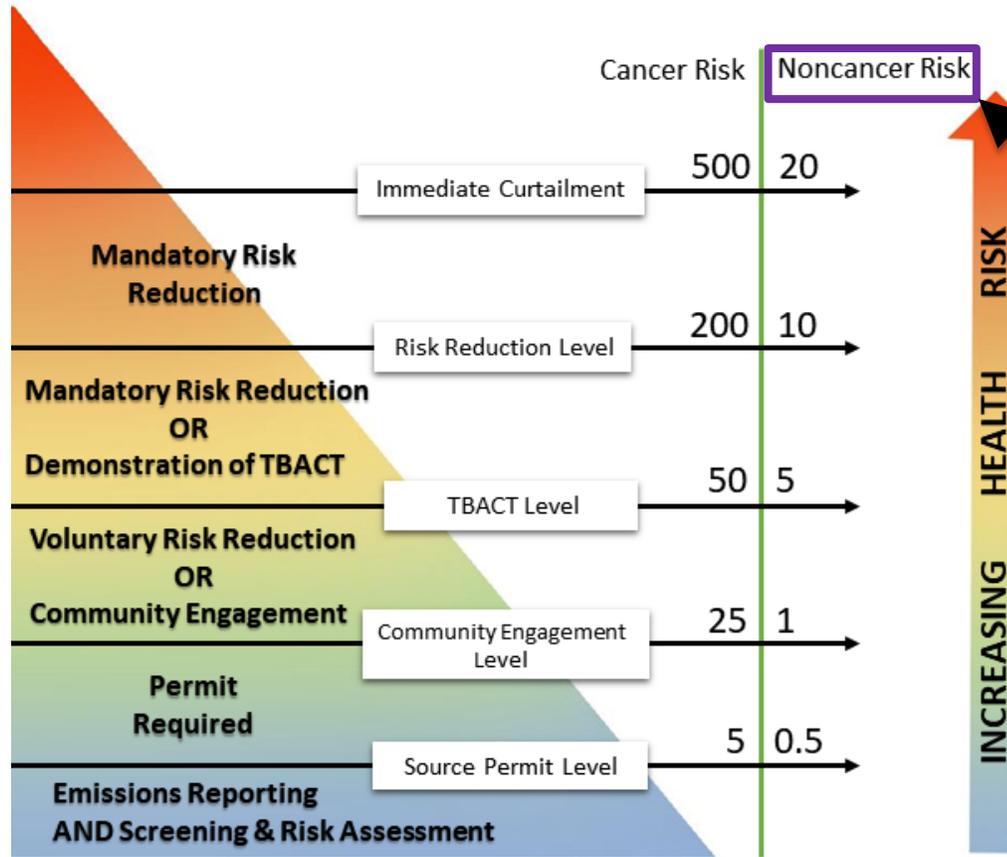


# Risk Action Levels (RALs)



# Risk Action Levels (RALs)

Existing Facility Risk Action Levels (RALs)



These numbers are the "Hazard Index" (HI).

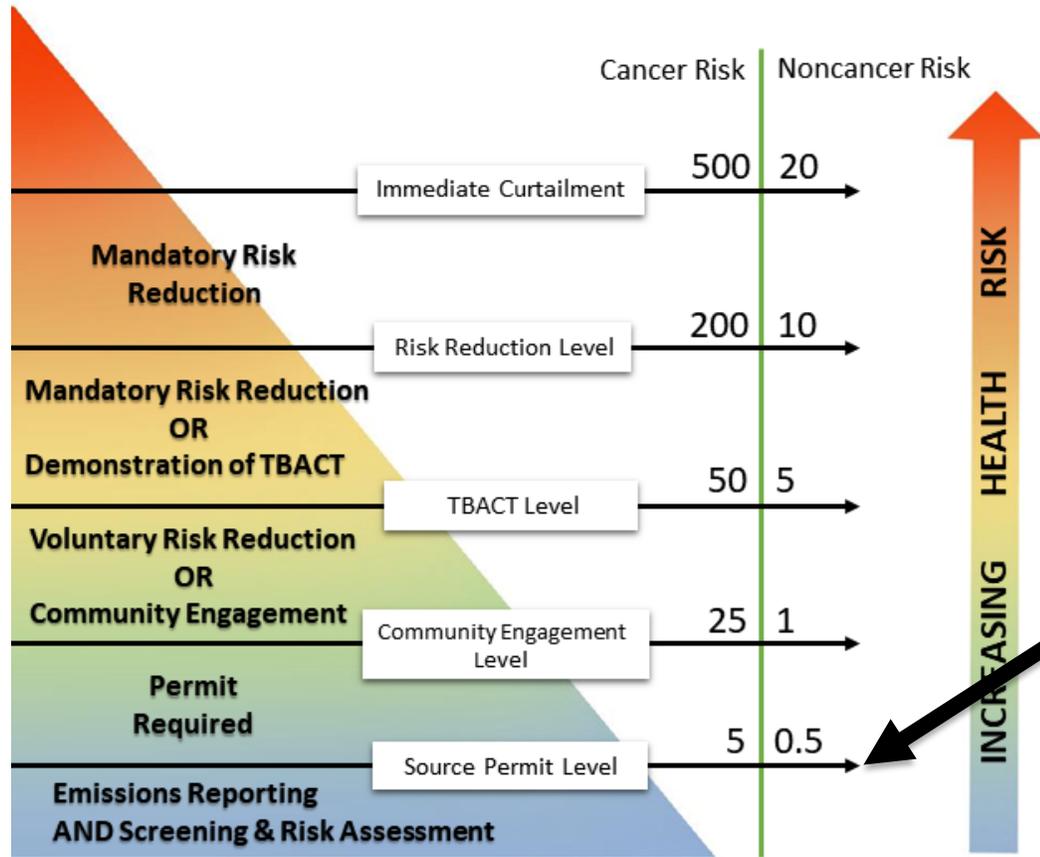
An HI is calculated by comparing the amount of each chemical present in air with the amount of each chemical that is not expected to harm health

A Hazard Index equal to 1 means the facility is below a level that is expected to harm health.



# Risk Action Levels (RALs)

Existing Facility Risk Action Levels (RALs)

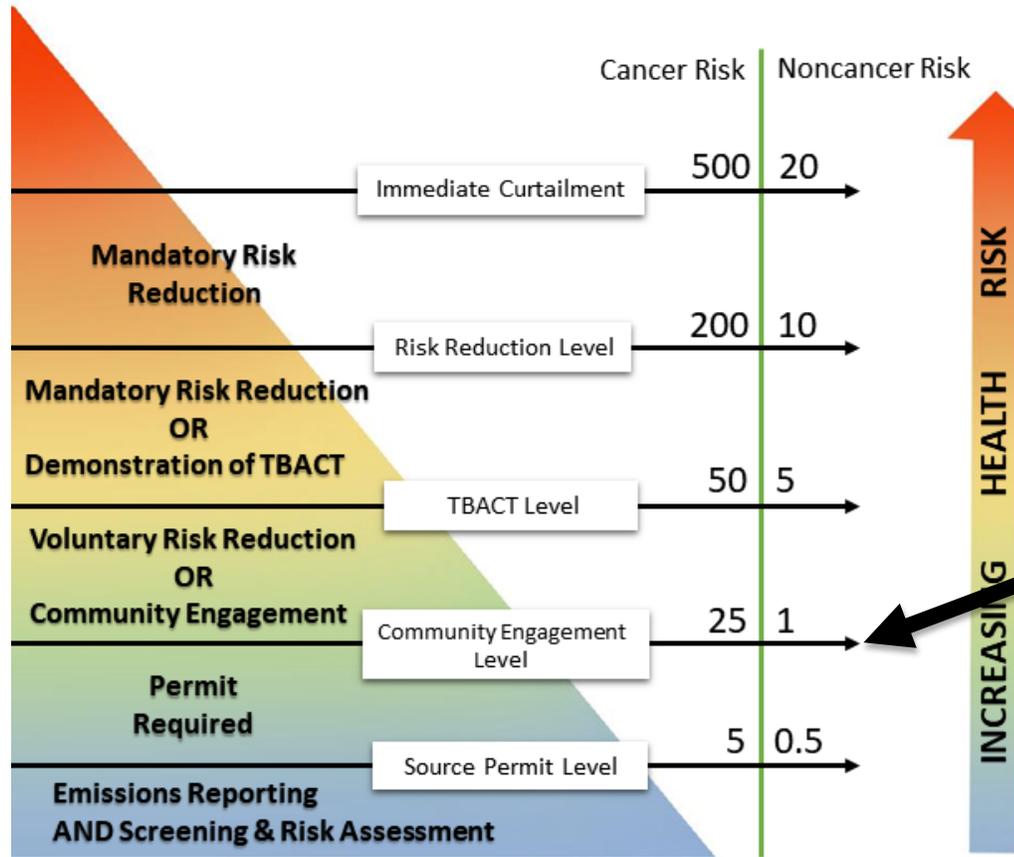


Facilities with air emissions above this line must receive an air permit with LRAPA (in Lane County) or DEQ (outside Lane County).



# Risk Action Levels (RALs)

Existing Facility Risk Action Levels (RALs)



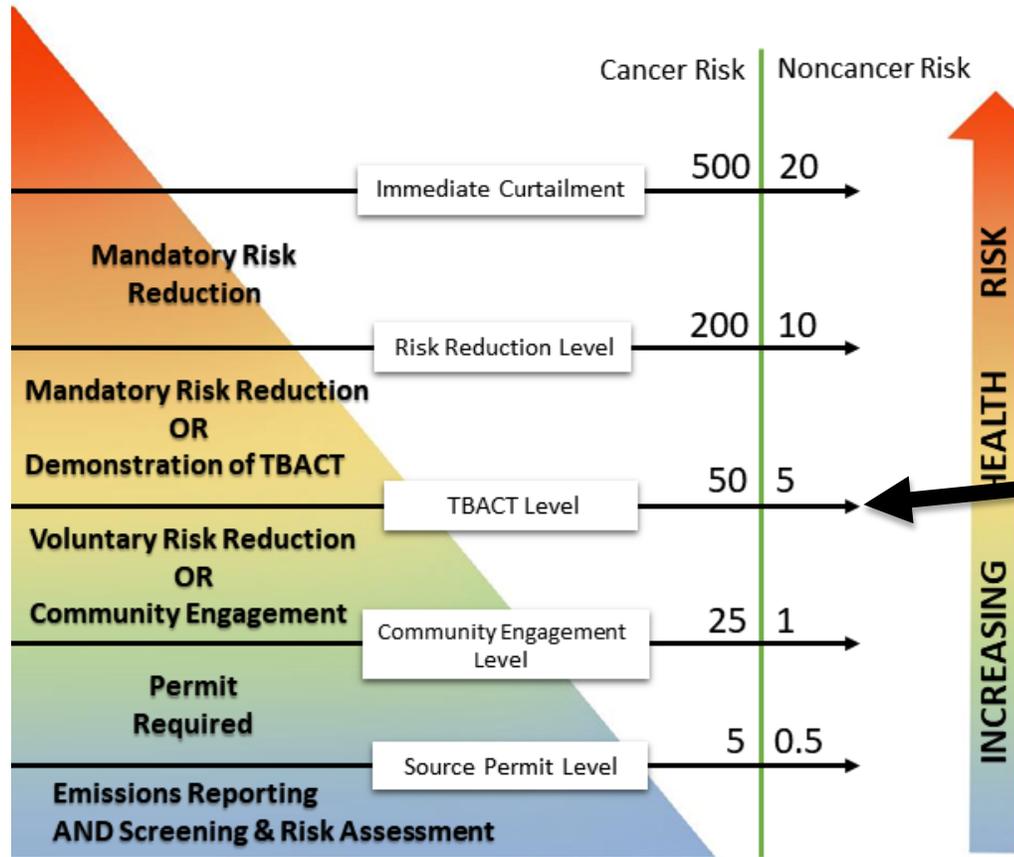
To receive a permit over this line, facilities must conduct community engagement.

Community engagement can require a public meeting(s) to be held to discuss the results of the risk assessment with the members of the community, hear concerns and address them.



# Risk Action Levels (RALs)

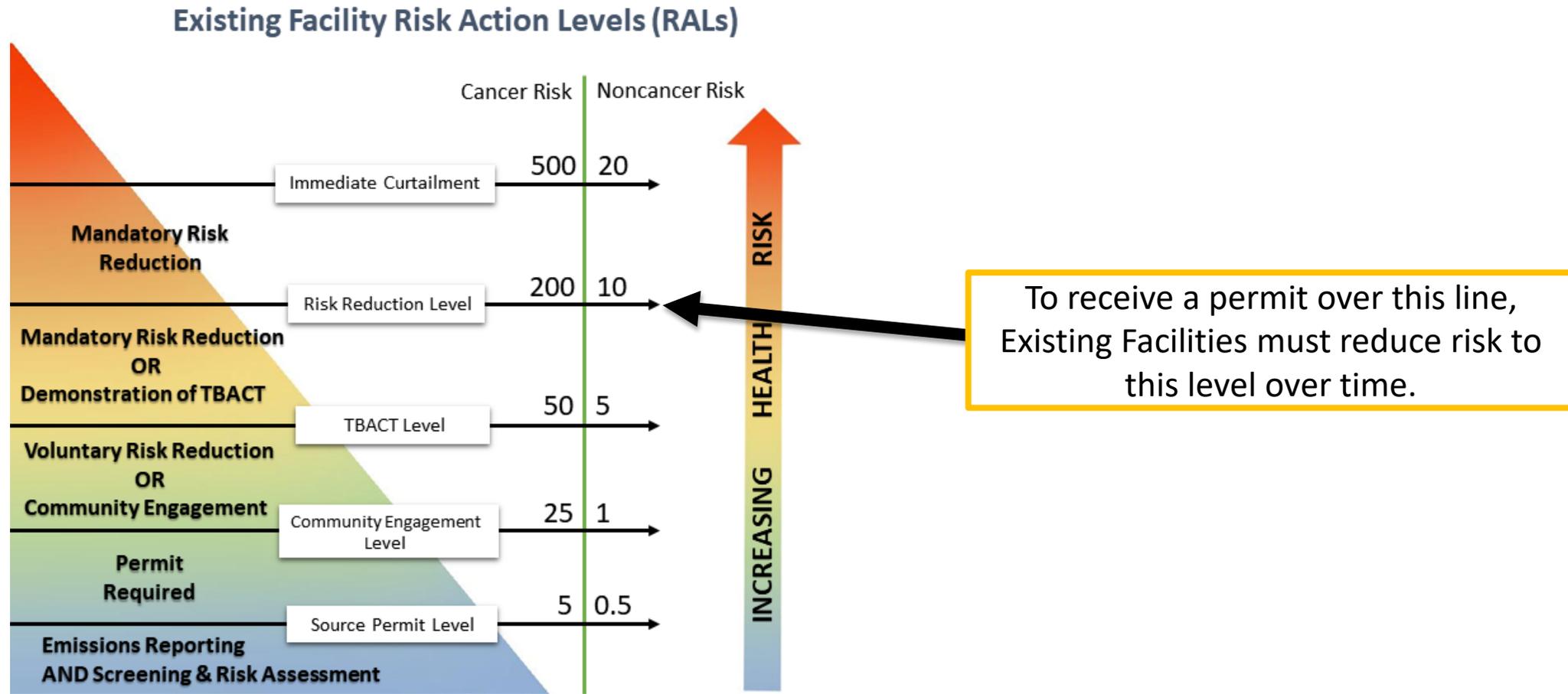
Existing Facility Risk Action Levels (RALs)



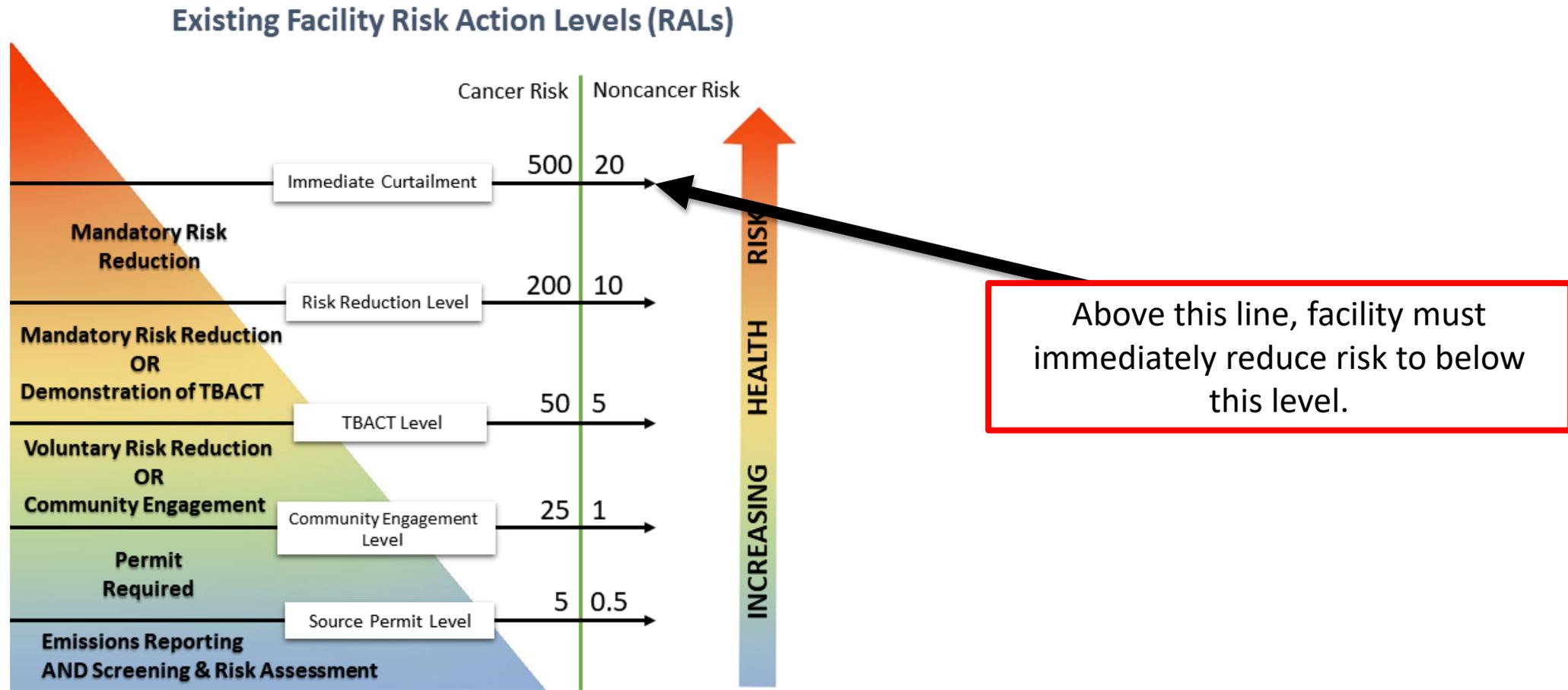
To receive a permit over this line, facilities must use the best technologies in their industrial process to reduce emissions as much as physically possible.  
“Best Available Control Technology for Toxics”



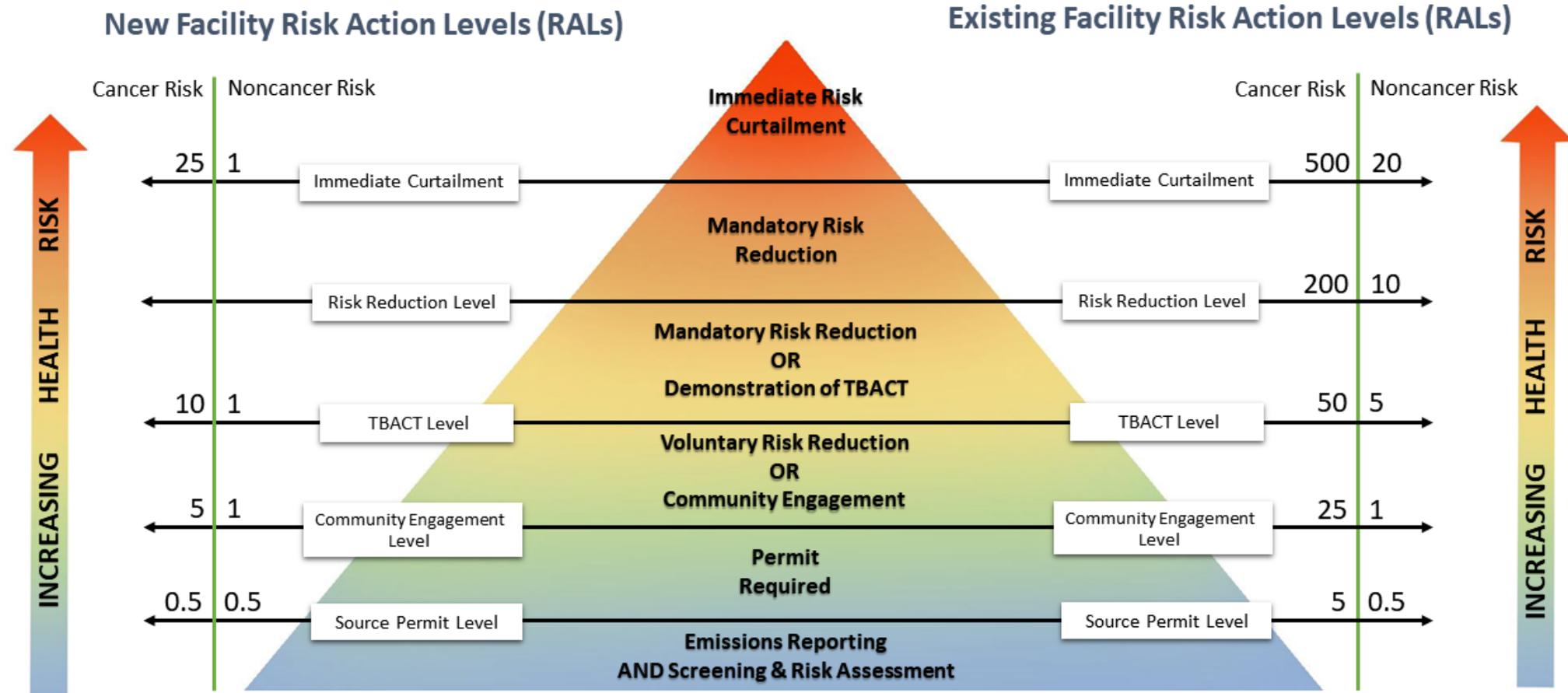
# Risk Action Levels (RALs)



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# CAO's Community Engagement (Step 1-4)



## How is the community involved?

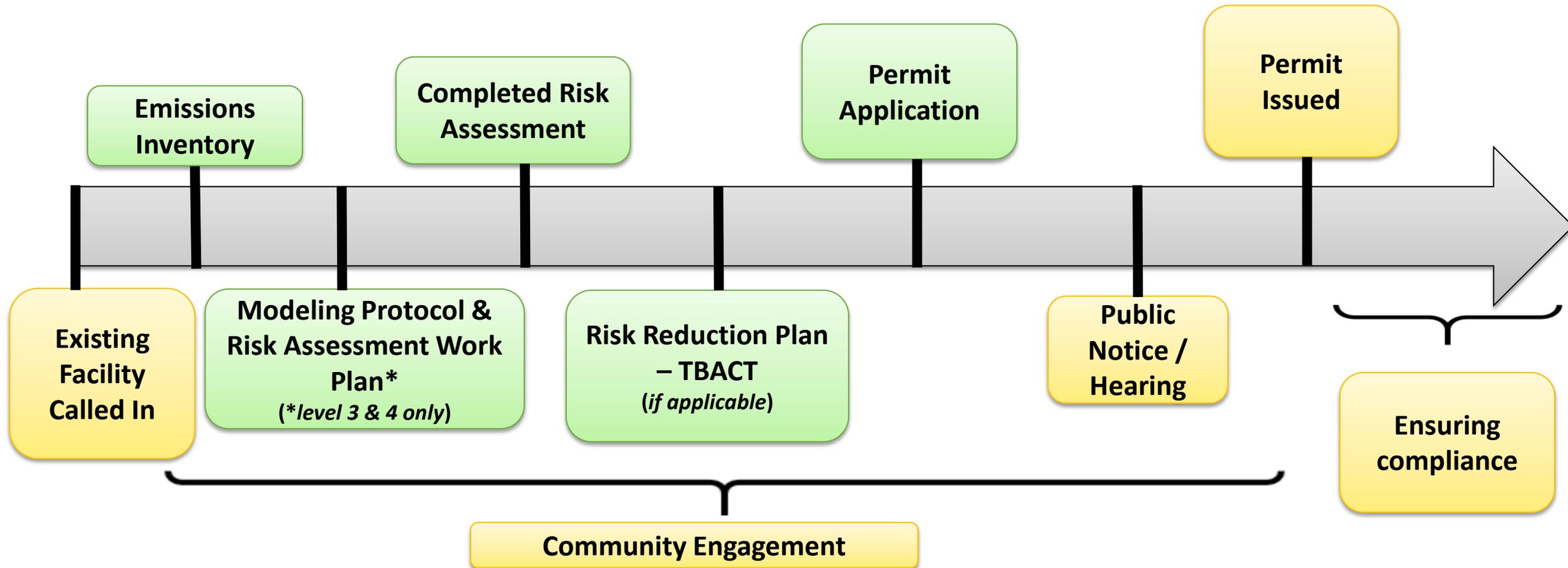
Community engagement is at the heart of Cleaner Air Oregon. LRAPA/DEQ seek to engage the public by sharing clear and accurate information, consultation, and involvement with decision-making.

### Key Principals:

- Acknowledge there are institutional, systemic, and structural barriers that perpetuate inequity and have discouraged and silenced the voices of communities over time.
- Value diversity and social equity by ensuring the fair treatment and meaningful engagement of all people and promoting inclusive environments free of bias, stereotypes, and any other forms of discrimination.
- Commit to partnerships with communities disproportionately affected by health issues so they can actively participate in Cleaner Air Oregon community engagement opportunities.
- Make it easy for communities to engage through structured, deliberate processes, such as intentionally coordinating activities, carefully identifying communities, employing appropriate communication and education methods, and conducting outreach beyond traditional forms.



# Cleaner Air Oregon Process



# Ensure Compliance (Step 5)



**LRAPA conducts inspections of permitted facilities to assure compliance with permit.**

Community notification through complaints is encouraged and appreciated.

Complaints directs the day-to-day focus of our compliance officers.

Investigation, inspections, and fence line monitoring have all occurred due to a complaint(s) LRAPA has received.



# Ensure Compliance (Step 6)



<https://www.lrapa.org/>

541-726-1930

The screenshot shows the LRAPA website interface. At the top, there is a dark blue navigation bar with the LRAPA logo and the text "Lane Regional Air Protection Agency". To the right of the logo are menu items: "About", "Air Quality", "Programs", and "ACDP / Title V Permits". Below the navigation bar is a search bar with a magnifying glass icon and a "Search..." placeholder. To the right of the search bar are social media icons for Facebook and Twitter, and a language selection dropdown menu currently set to "Spanish". The main content area features a large landscape photograph of a town in a valley with mountains in the background. Overlaid on the right side of the photograph is a circular graphic with the text "Oakridge Air" and a green mountain range icon. On the right side of the page, there is a vertical sidebar menu with several items, each with an icon: "Home Wood Heating" (house with chimney), "Outdoor Burning" (flame), "Asbestos" (skull and crossbones), "Rules" (columns), "Permitting" (clipboard), and "File a Complaint" (speech bubbles). The "File a Complaint" item is highlighted with a red rectangular border.



Thank you!

[Travis@LRAPA.org](mailto:Travis@LRAPA.org)  
541-736-1056 x217

