

DEQ Information Meeting

Owens-Brockway - Portland



State of Oregon
Department of Environmental Quality

Zoom Meeting | June 10, 2021

Using Zoom Webinar

- Hear the audio either through your computer or by calling in by phone with the phone number provided upon registration.
- Note that you will not be able to speak unless the host enables your audio and then you unmute.

Asking a Question

- You should see the following along the bottom of your screen.



- To ask a question: type it into the Q&A or raise your hand and the host will un-mute you. (*9 if you're on the phone)
- Use chat if you're having technical difficulties.

Agenda for Meeting

Topics

- Owens Brockway Overview
- CAO
- Regional Haze
- Title V
- Soil and Water (Maybe)
- Enforcement
- Questions

As always, please speak for yourself and be respectful of others.



Owens Brockway Facility Overview



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2016 Emissions Inventory: Data Gaps

- Furnace-specific emissions data for each type of glass produced
 - Furnace A: Amber glass
 - Furnace D: Amber and green glass
- Mold repair emissions (solid film lubricant)
- Image printing emissions
- Welding emissions

Addressing Data Gaps: Source Testing

Date	Furnace	Glass Color
May 2019	D	Green
May 2019	A	Amber
August 2020	D	Amber

Significant Changes to Emissions Inventory

Process	Pollutant	2016 Emissions Calculations (lb/yr) – no source testing	2021 Emissions Calculations (lb/yr) – includes furnace source testing
Furnaces A and D	Chromium VI	257	0.2
Furnaces A and D	Arsenic	16	192
Furnaces A and D	Lead	463	597
Natural gas combustion, Hot End Surface Treatment	Ammonia	1789	15620

Owens-Brockway Emission Sources



Owen-Brockway Emission Sources



Material Handling
Surface Treatment
Natural Gas (heaters, boiler)

Owen-Brockway Emission Sources



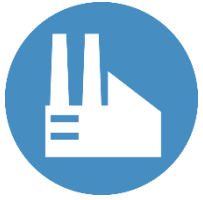
CAO

Kenzie Billings



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How Cleaner Air Oregon Works



Report air toxics

Companies to report use of over 600 pollutants to state regulators



Assess risk

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

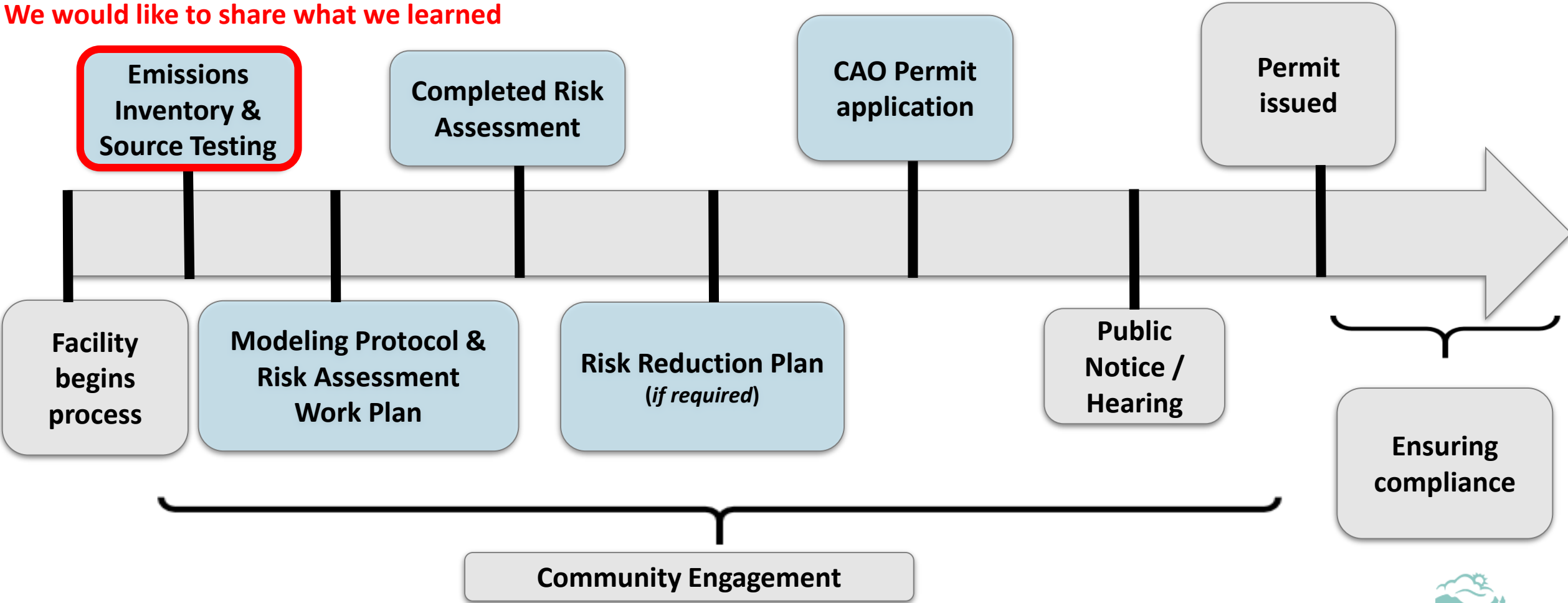


Regulate to reduce risk

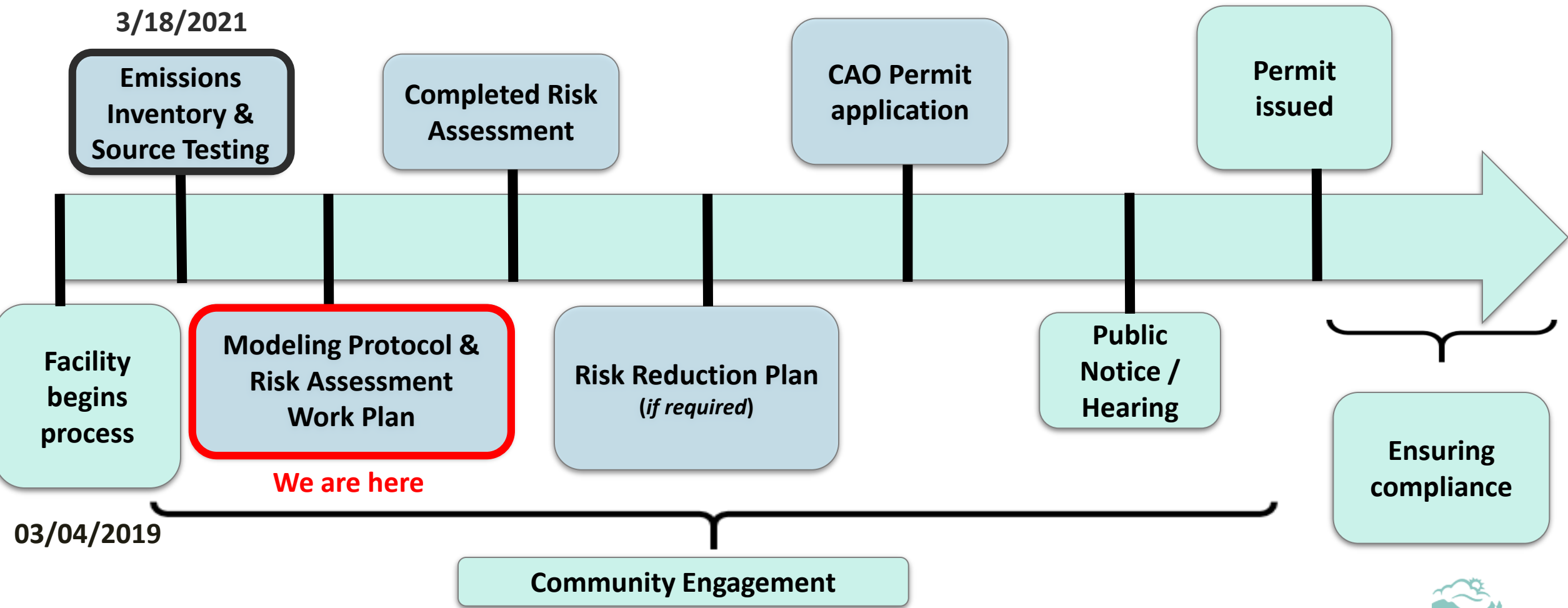
Companies would have to act if the levels of air toxics they emit exceed health risk action levels (RALs)

Cleaner Air Oregon Process

We would like to share what we learned



Cleaner Air Oregon Process



Regional Haze

Michael Orman



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Regional Haze

Where we are

- *Placeholder text*

Title V

Anzie St Clair



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Title V

Where we are

- *Placeholder text*

Soil and Water?



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Soil and Water

Where we are

- *Placeholder text*

Enforcement

Becka Puskas



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Enforcement

Where we are

- *Placeholder text*

Questions?



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What comes next?

- DEQ will post this presentation on our website
- Modeling information is available for your review on the CAO facility webpage
- Please call or email Raul Preciado-Mendez with any comments or questions

Phone: (503) 869-0026

Email: raul.preciadomendez@state.or.us



Thank you!



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