

DEQ Public Hearing

Owens-Brockway

Title-V Operating Permit

Zoom Meeting | May 25, 2023



State of Oregon
Department of Environmental Quality

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

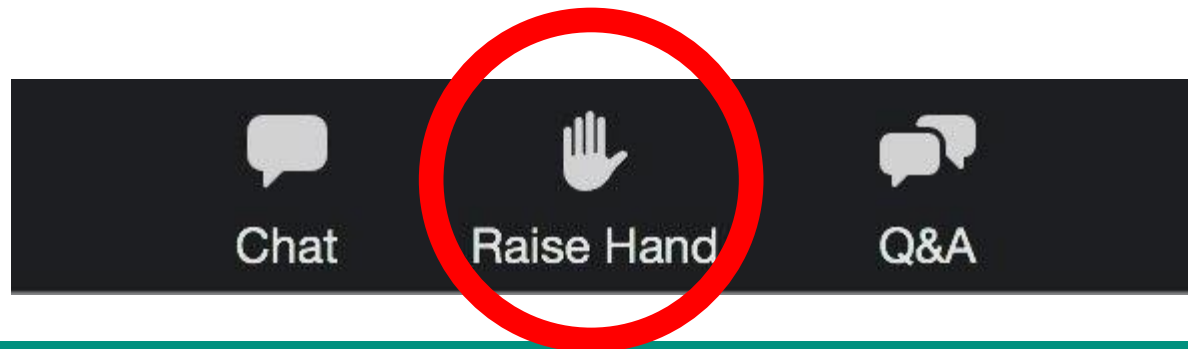
- You should see the following along the bottom of your screen.



- 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.

Making a Comment

- During the public hearing portion of the meeting, raise your hand to comment
- We'll call folks in the order their hand was raised
- Remember *9 if you're listening by phone
- State and spell your first and last name



Purpose of Today's Meeting

Why are we here

- Provide information about the air quality permit
- Answer questions
- Receive verbal public comment

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

Public Comment Period

- Open now through Friday, June 2 at 5 p.m.
- Go to ordeq.org/owens-brockway
- Verbal and written comments given equal weight

Air Quality Permit

George Yun, Permit Writer



State of Oregon
Department of Environmental Quality

Owens-Brockway



9710 NE Glass Plant Rd



Emissions History

- The plant built in 1956 with 4 glass melting furnaces
- Title V Permit Program, effective September 1993
- June 2020, Only 1 furnace operating (without Control)
- May 2024, Furnace D with CCF Control

Pollutant:	PM (tons/yr)	SO2 (tons/yr)	NOx (tons/yr)	Combined (tons/yr)
Original TV Permit	132	313	711	1,156
Current Permit	109	184	382	675
Proposed Permit	55	108	137	300
After CCF (est.)	24	39	64	127

What is this Permit for?

Current Permits and Orders:

- Existing Title-V Permit 26-1876-TV-01, Reopened to address EPA Order
- Mutual Agreement and Final Order AQ/V-NWR-2020-208
- Construction Air Contaminant Discharge Permit 26-1876-CS-01
- Stipulated Agreement and Final Order (Regional Haze)

Title V permit Contents

- Reduced PSELS
- National Ambient Air Quality Standards
- Cleaner Air Oregon permit conditions
- Regional Haze Requirements
- Interim Opacity Limit (until CCF complete)
- New NSPS PM Standard (after CCF)
- 95% Filterable PM Reduction (after CCF)
- Testing, Monitoring, Compliance Determination

CCF Construction Schedule

Installation of Catalytic Ceramic Filter pollution control system by May 2024

- **Feb. 2023:** execute a contract to purchase the pollution controls - **COMPLETED**
- **Sep. 2023:** complete construction drawings
- **Dec. 2023:** begin on-site construction at the facility
- **May 2024:** complete the installation of the pollution controls

What will the pollution controls do

The CCF pollution control system will reduce

- Particulate Matter (PM) and metal HAPs
- Nitrogen oxides (NO_x)
- Sulfur Dioxide (SO₂)

Pollutant	Existing PSEL (tons/yr)	PSEL after CCF, est. (tons/yr)
PM	109	24
NO _x	382	64
SO ₂	184	39

Permit Conditions

Current Existing Standards:

- (NSPS Filterable PM Limit of 0.5 gr/kg)
- 0.10 grains per standard cubic feet
- 20% opacity limit
- NESHAP 6S standards of 0.02 lbs HAPs/ton glass

NEW REGULATORY EMISSIONS STANDARDS

- NSPS Filterable PM Limit of 0.1 gr/kg
- Reduce Filterable PM emissions by at least 95%

After the Public Comment Period

- DEQ evaluates all written and verbal comments (written comments due by 5 p.m. June 2, 2023)
- Send comments by email to:
NWRAQPermits@deq.state.or.us
- DEQ may modify the proposed permit based on comments

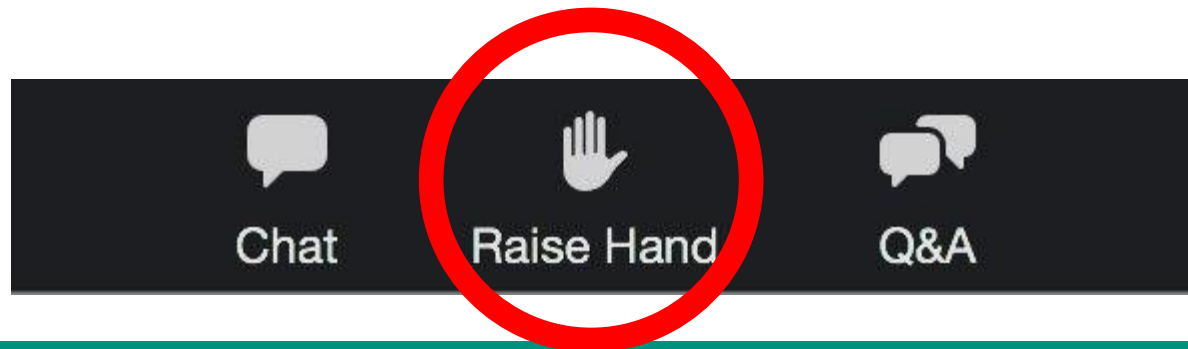
Questions?



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Public Hearing

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Thank you!



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