

Fuel Tanks Seismic Stability

Rulemaking Advisory Committee Meeting #2

Dec. 16, 2022

9 a.m. - 12 p.m.

Agenda

Time	Topic
9 a.m.	Welcome, meeting overview and introductions (DEQ)
9:10	Follow up from October 26 meeting (DEQ)
9:20	Scope of program and rules under SB 1567 (DEQ) Committee discussion (RAC)
10:00	DEQ technical support policy and engineering analysis (DEQ) <ul style="list-style-type: none">• PSU tasks• Haley Aldrich tasks• Committee discussion (RAC)
10:30	Break
10:45	Draft rule outline (DEQ) Committee discussion (RAC)
11:30	Public input
12 p.m.	Next steps and adjourn meeting

Webinar tips

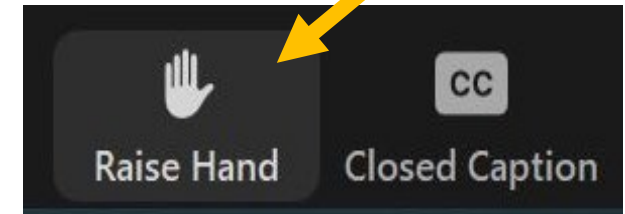
Thank you for joining us today!

Join audio by either phone or computer, not both.

For panelists discussion and comments, use the raise hand button to get in the queue; if joined by phone press *9

This meeting is being recorded.

For Zoom technical issues, send a message through the chat to Svetlana Lazarev or email svetlana.lazarev@deq.oregon.gov



Meeting ground rules

- Listen and treat everyone with respect
- Allow one person to speak at a time – raise hand
- Be prepared and set time aside for the meetings
- Provide a balance of speaking time
- Bring concerns and ideas up for discussion early in the process
- Comment constructively and avoid personal attacks
- Move around and take care of yourself as needed

Communications

- Substantive discussion by the Rules Advisory Committee members will occur during public meetings, not offline.
- DEQ will post meeting materials and input received from RAC members on the [rulemaking webpage](#):
- RAC members may send input after a meeting to: seismicstability.2023@deq.oregon.gov

DEQ key team members

Mike Kortenhof, Fuel Tank Inspection Manager

Svetlana Lazarev, Project Manager

Lauren Wirtis, Public Affairs Specialist, Facilitator

Abby Boudouris, Senior Legislative Analyst

DEQ technical support team

Yumei Wang, Senior Advisor on Infrastructure Resilience and Risk at PSU; former DOGAMI Resilience Engineer

Luke Hanst, Portland State University

Allison Pyrch, Haley and Aldrich, Inc.

RAC members

Name	Organization
Amit Kumar, PE	Development Services/City of Portland
Andrew Holbrook	Kinder Morgan
Chris Voss	Multnomah County
Doug Lenz	Columbia Pacific Bio-Refinery
Holli Johnson	Western States Petroleum Assn.
Jacque Wurster	NW Eugene Ready
Lindsey Hutchison	Willamette Riverkeeper
Nancy Hiser	Linnton Neighborhood Association
Paul Edison-Lahm	Environmental Justice Interests
Peter Dusicka, PhD	PSU
Randy Groves	Eugene/Springfield Fire Chief (retired)
Sterling Stokes	Portland Harbor Community Coalition
Warren Seely	Seely Mint Farm

October meeting follow-up

Rulemaking per Oregon Law 2022 chapter 99

- Rules are agency regulations, carry the power of the law
- DEQ uses the rulemaking process to clarify and implement state law
- Rules are proposed by DEQ and are adopted by the Environmental Quality Commission

Timeline

- RAC Meetings: Oct. 2022, Dec. 2022, Feb. 2023
- Public Notice: Spring 2023
- EQC consideration for rules adoption: Sept. 2023
- Facility submit seismic vulnerability assessments by June 2024

Rule Concepts

- Vulnerability assessment
- Minimize Risk
- Risk mitigation

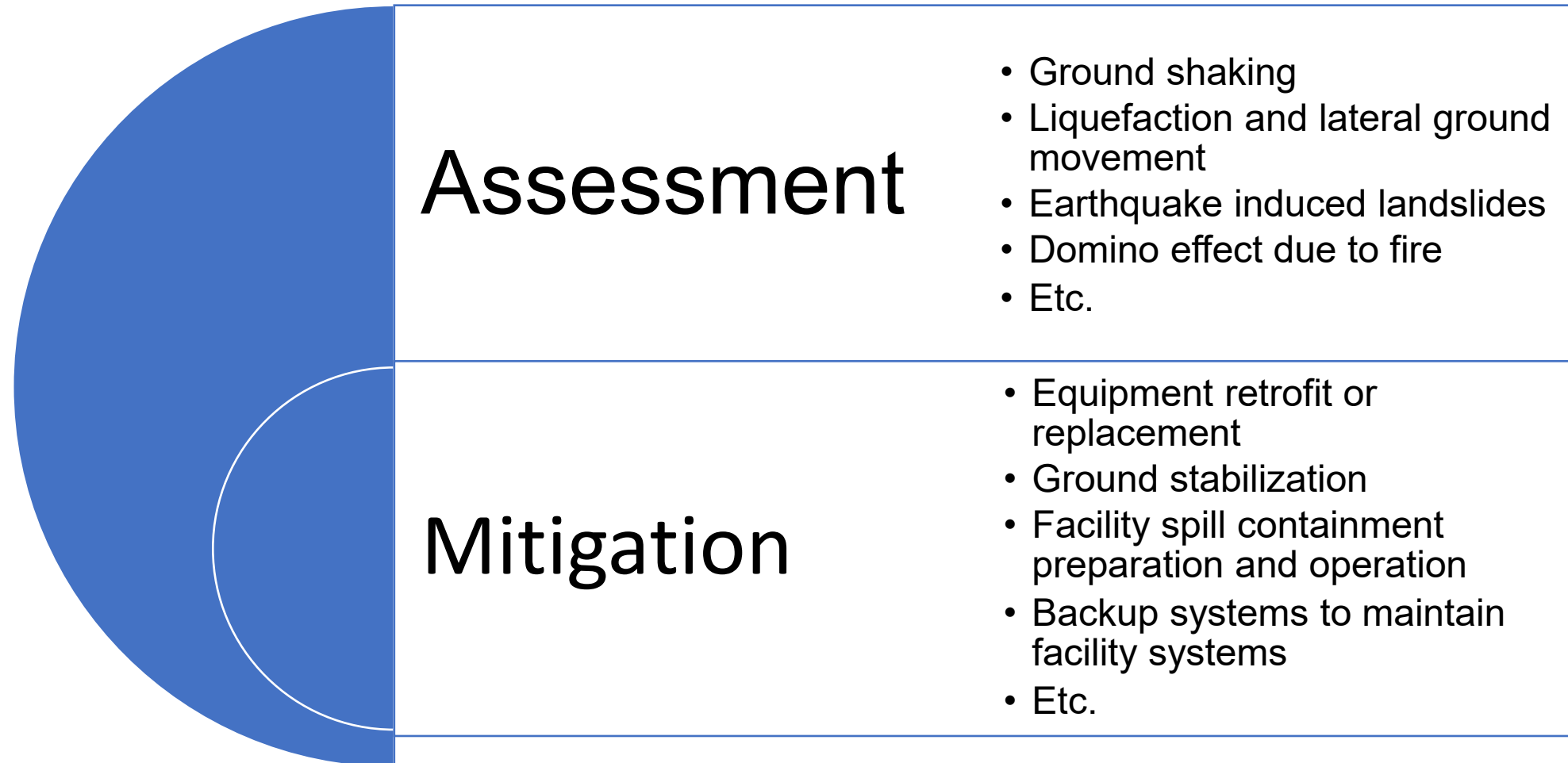
October meeting follow-up (cont.)

- Human and environmental safety
- Engineering performance criteria
- Risk from Portland Hills Fault
- Coordination with other jurisdictions
- Public Input
- Map of all facilities
- Warning system for communities

In scope – minimizing risk



In scope - design



Out of scope

Fuel availability and security after event (ODOE)

Regional impacts such as dam failure potential

Expected time to resume fuel distribution services

Regulation of fossil fuels consumption

Fossil fuels phase-out

Fuel production and usage policies

Area Wide Spill Response Operations

Policy and technical support

- PSU tasks
- Haley and Aldrich tasks

PSU tasks



Existing policies research

- RAC presentation of draft findings
- Report – May 2023
- EQC presentation



Rulemaking support

- RAC meetings consultation
- Next steps recommendation – ongoing through June 2023



Historically underserved communities

- Issues report
- Presentation of draft findings to RAC
- Risk maps for each facility – May 2023
- EQC presentation



Funding opportunities research

- Community meetings
- Information gathering
- Research initiatives and funding opportunities for earthquake safety

Haley and Aldrich tasks

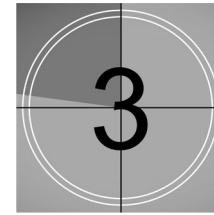


Seismic stability engineering requirements in other jurisdictions



Standards for Seismic Design

- API 650
- ASCE 7
- NAS



Review of recent new facilities' construction

RAC discussion of policy and technical support tasks

- Questions about the tasks
- Task sequencing
- Schedule

Break



Draft rule outline



Program timeline

SB 1567 effective

- June 3, 2022

Spring 2023:

- Public Notice

June 2024:

- Facilities submit assessments to DEQ

Oct. 2022 – *Feb. 2023

- RAC meetings

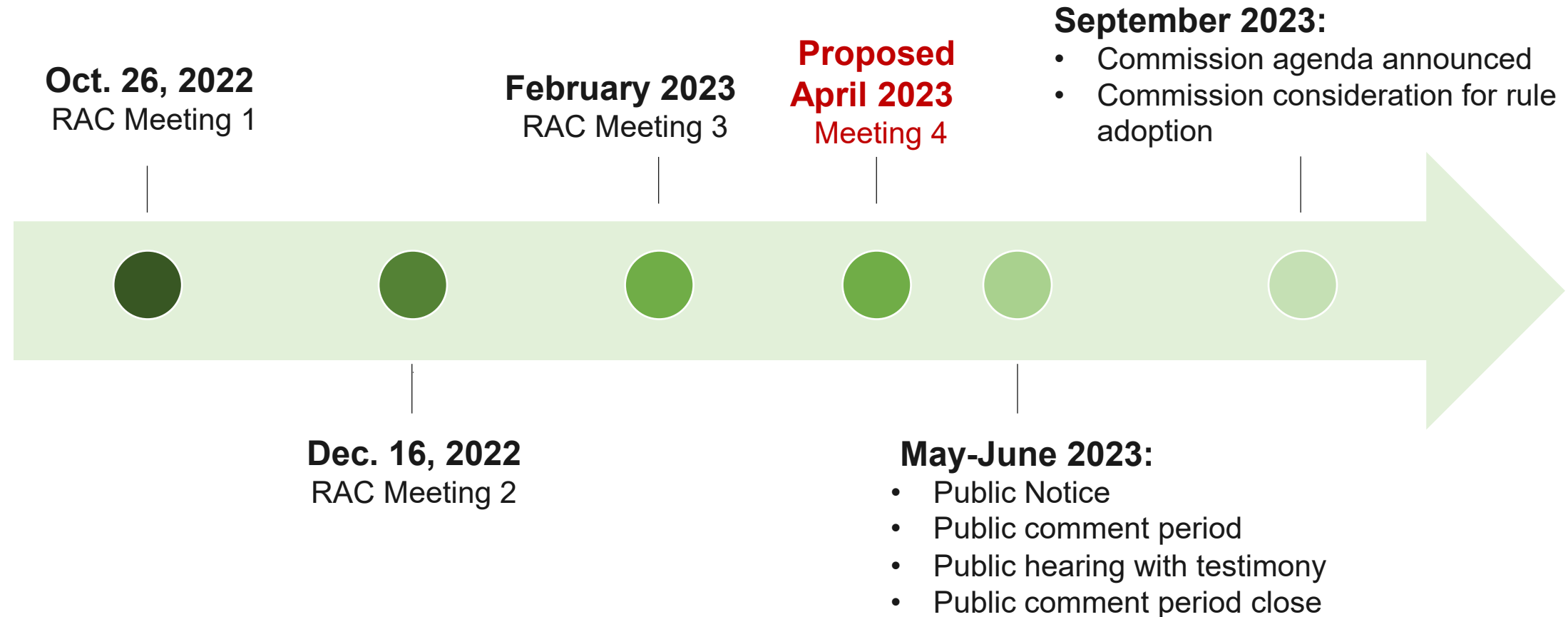
Sep. 2023:

- Commission consideration for rule adoption

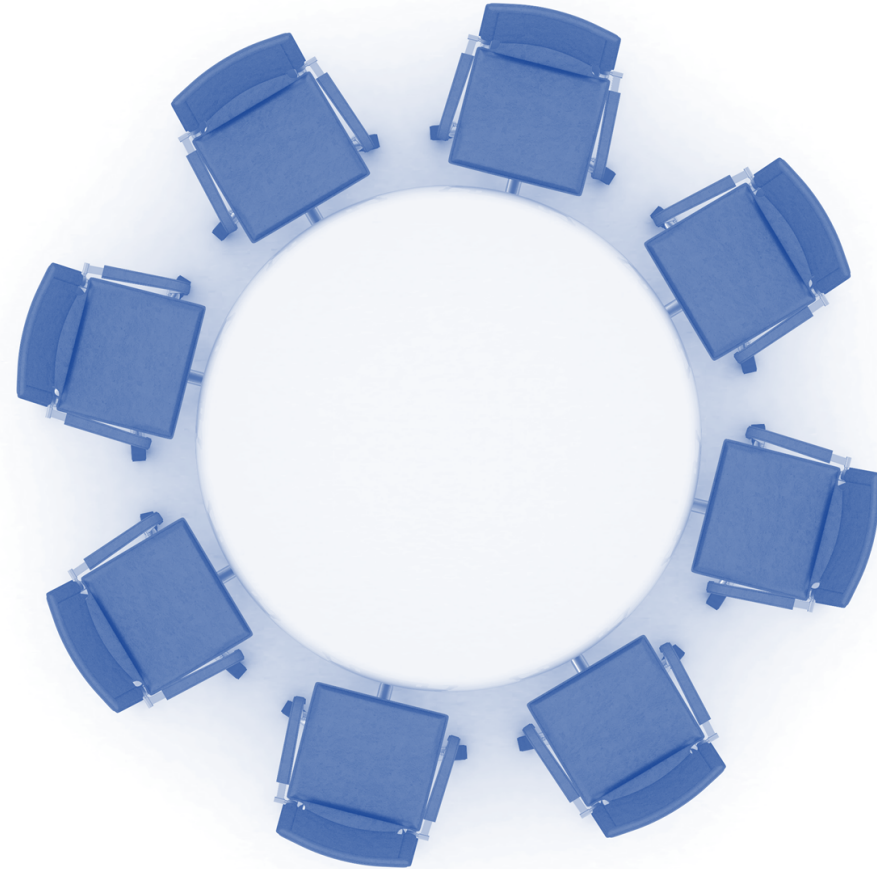
Nov. 2024 and on:

- Legislative report
- Mitigation implementation
- Continued community involvement

Rulemaking timeline



Public input



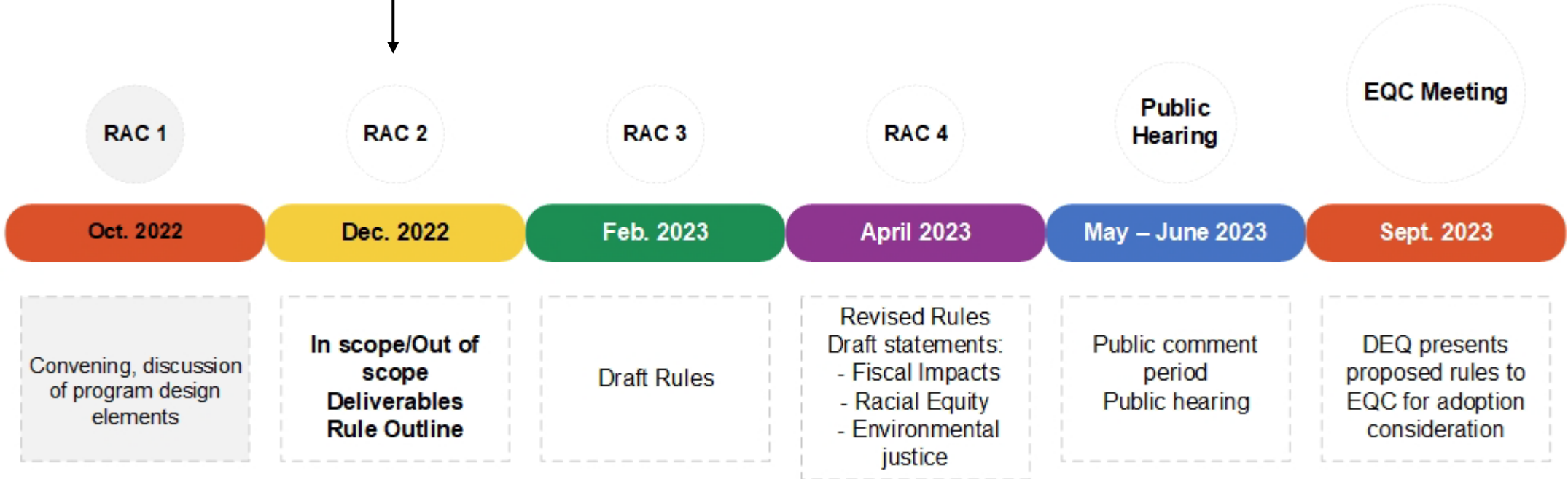
One Minute Left

30 Seconds Left

Please wrap up.

Next steps

We Are Here



More information

[Rulemaking web page](#)

Send input by Dec. 23, 2022 to:
seismicstability.2023@deq.oregon.gov



*Thank
You*