

# Temporary Rulemaking

## Summer Gasoline Fuel Specifications

### Air Quality Division

Environmental Quality Commission meeting  
April 24, 2020  
*Teleconference Meeting*

# Presentation Overview

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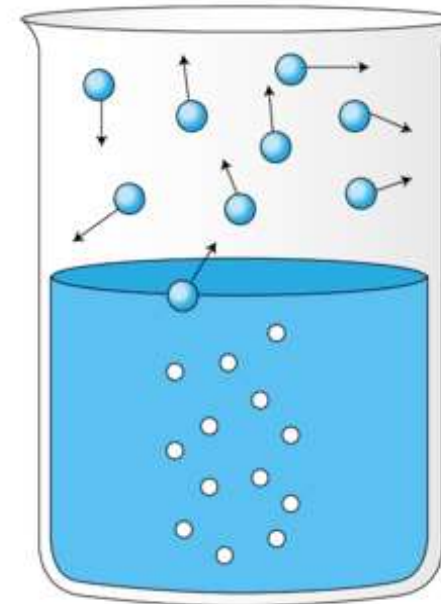
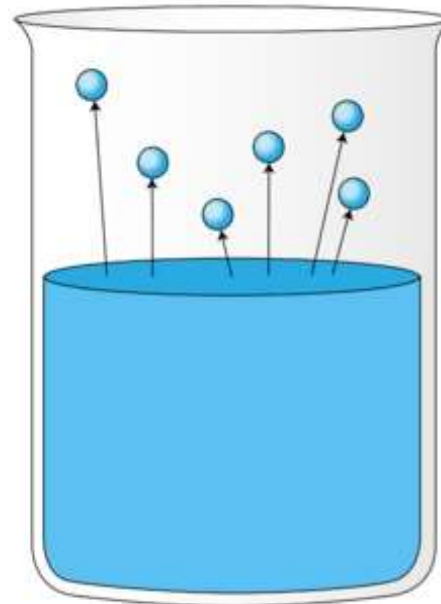
- Current regulation
- Problem presented
- Need for temporary rule
- Justification for temporary rule
- Air quality effects
- Proposed temporary rule

# Gasoline Volatility Standards



## Summer Lower Volatility

Protects air quality from smog-forming compounds



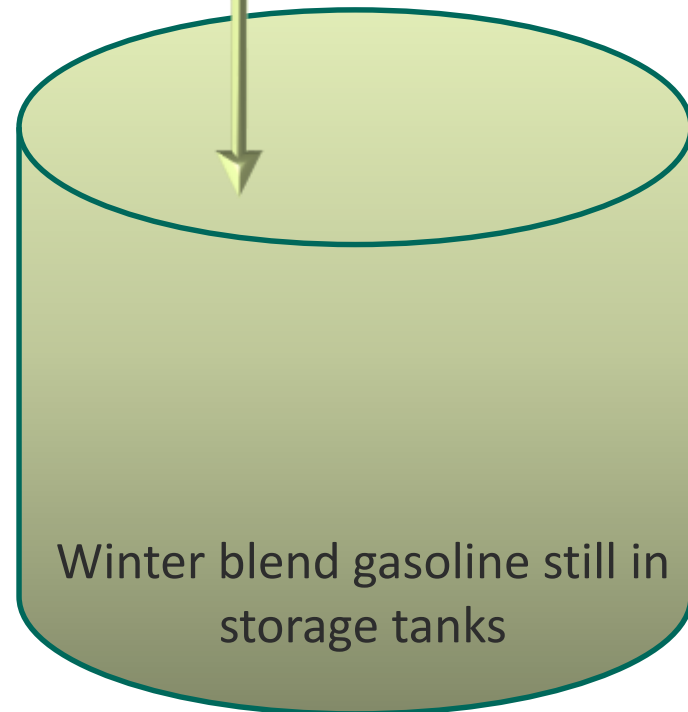
## Winter Higher Volatility

Improves cold weather engine performance

# Gasoline Supply and Distribution System



Begin sending summer blend gasoline in spring

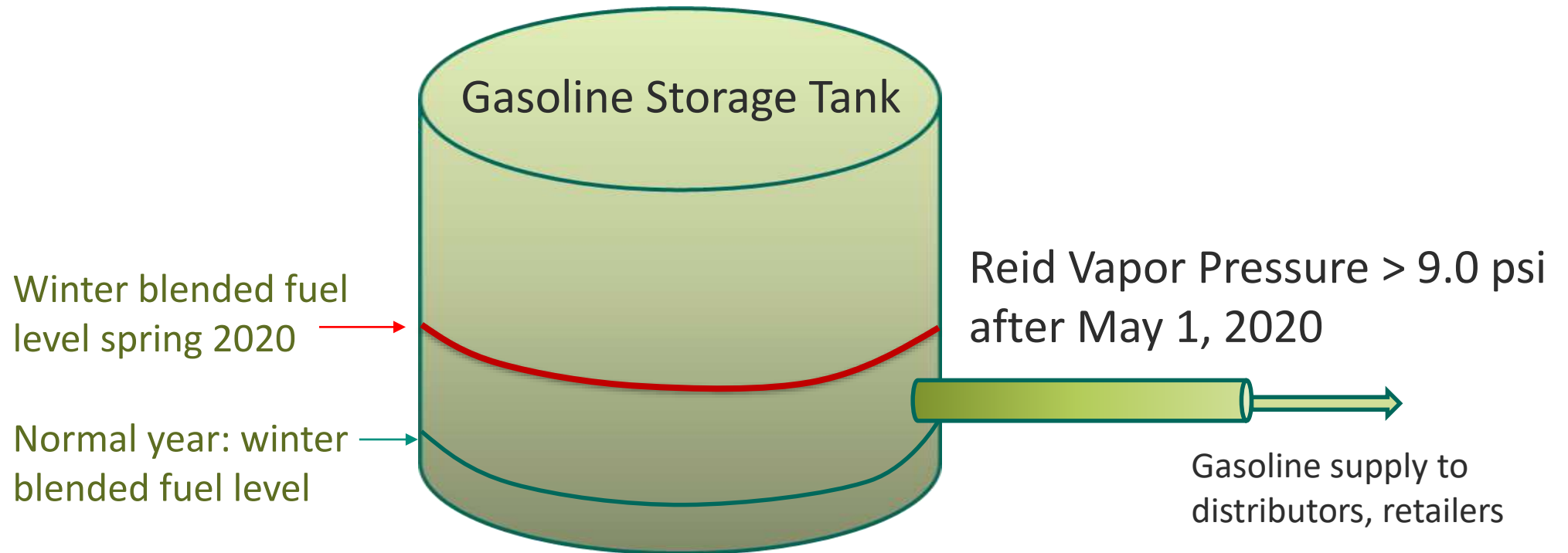


Vapor Pressure = 9.0 pounds/square inch by May 1

Vapor Pressure = 7.8 psi by June 1



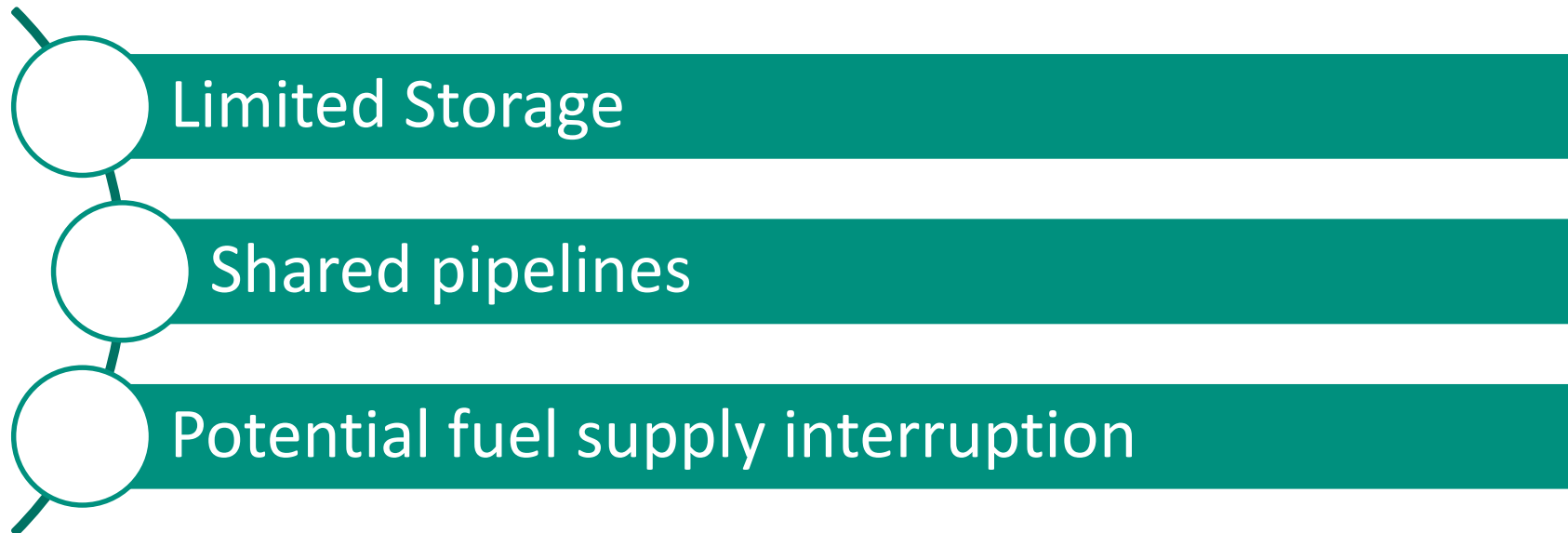
# The Problem in Spring 2020



# Need for Temporary Rule

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- DEQ Rule prohibits gasoline sale and supply unless meets fuel specifications of 40 CFR 80.
- Temporary rule to address:



# Justification for Temporary Rule

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- March 27, 2020: EPA issued waiver from Reid Vapor Pressure requirements of 40 CFR 80.27.
  - Gasoline not meeting RVP requirements may not be introduced into storage tanks after May 20, 2020, but may be sold until expended.
- Preventing potential interruption of fuel supply addresses serious prejudice to the public interest.
- Affected parties: fuel suppliers, distributors, wholesalers and retail establishments.

# Potential Air Quality Effects



**Summer Fuel Volatility**  
**Normal Traffic**

VOC increase  
1 to 3%

NOx increase  
<1 to 2%

**Higher Volatility**  
**Normal Traffic**

VOC decrease  
5 – 13%

NOx decrease  
15 – 30%

**Higher Volatility**  
**Depressed Traffic**



# Proposed Temporary Rule

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- **DEQ proposes a temporary rule that would:**
  - Allow the supply of gasoline with Reid Vapor Pressure exceeding 9.0 pounds per square inch through May 20, 2020
  - Allow the distribution and sale of higher RVP gasoline supplied through May 20, 2020, until the supply is exhausted.
  - Require continued compliance with all plant site emission limits, permit conditions and all monitoring, measuring, and reporting requirements.
- **The Director may adjust the temporary rule to align with an EPA waiver of requirements after May 20, 2020, by an Order and EQC Notification.**
- **Automatically expires in 180 days.**

# Recommendation

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- Determine that failure to act promptly would result in serious prejudice to the public interest or the interests of the affected parties for the reasons stated in the Justification section of the staff report for this item.
- Adopt a temporary rule as proposed in Attachment A of the staff report for this item, as part of Chapter 340, Division 258 of the Oregon Administrative Rules.