



Fact sheet

Fuel Tank Seismic Stability Program

Introduction

The Fuel Tank Seismic Stability Program was created by the Oregon Legislature in 2022 through Senate Bill 1567. DEQ manages this spill prevention program which aims to evaluate and improve the earthquake safety of large oil and fuel storage facilities. The law requires facilities with more than two million gallons of storage capacity in Columbia, Lane, and Multnomah counties, mostly in the City of Portland, to assess their seismic vulnerability and plan for risk reduction. The program protects public health and the environment from potential fuel spills and fires caused by earthquakes.

Seismic Vulnerability Assessments

Facilities must submit Seismic Vulnerability Assessments to DEQ. These assessments must include evaluations of soil, structure and safety. Initial submittals were due June 1, 2024. DEQ reviews the SVAs and provides technical comments and change requests. After approval, facilities have six months to submit a Risk Mitigation Plan.

Risk Mitigation Implementation Plans

The Risk Mitigation Implementation Plan must propose ways to address vulnerabilities identified in the SVA and to minimize risks from a potential Cascadia megaquake. Facilities must describe any remaining risks after the plans are implemented and outline their emergency response measures. All risk reduction work must be completed within 10 years of plan approval.

Reporting Requirements

Facilities must submit annual risk mitigation status reports until DEQ approves the completion of implementation.

Translation or other formats

Español | 한국어 | 繁體中文 | Русский | Tiếng Việt | العربية
800-452-4011 | TTY: 711 | deqinfo@deq.oregon.gov

Regulated Facilities

Columbia County:

Cascade Pacific Bio-Refinery
Portland General Electric, Beaver Plant & Port Westward

Lane County:

Kinder Morgan Liquids, Eugene SFPP LP

Multnomah County:

Chevron Fuels, Willbridge
Kinder Morgan Liquids, Linnton
Kinder Morgan Liquids, Willbridge
McCall Oil & Chemical Corporation
NW Natural
Owens Corning Roofing and Asphalt
Pacific Terminal Services
PDX Fuel Co., LLC
Phillips 66 Co.
Seaport Midstream Partners, LLC
Sunoco NuStar Energy LP, Portland Terminal
Shell Triton West, LLC
Vigor Industrial
Zenith Energy Terminals

More information

[FTSS Program Website](#)

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