

Big Steps Before the Big One: How the Portland area can bounce back after a major earthquake

City Club of Portland Bulletin, Vol. 99, No. 2, Feb 14, 2017

City Club members will vote on this report between Friday, Feb. 24 and Wednesday, March 1, 2017. Until the membership votes, City Club of Portland does not have an official position on this report. The outcome of the vote will be reported in the City Club of Portland Bulletin Vol. 99, No. 3, dated March 2, 2017, and online at pdxcityclub.org.

Oregon's Bulk Fuel Terminals in CEI Hub



Source: DOGAMI

Oregon imports 100% of fuel with >90% to Portland's fuel terminals



Source: DOGAMI

Yumei Wang, 2018, DOGAMI, p10



Liquefaction Hazards Energy Facilities Built on Hydraulic Fill



Permission from Oregon Historical Society

Yumei Wang, 2018, DOGAMI, p6



No State, Federal or City Agency has authority to require retrofit of storage tanks

Federal:

- PHMSA
- EPA

State:

- EQC/DEQ
- BCD

City:

- BCD

DRAFT

SUMMARY

Requires owners and operators of bulk petroleum terminals to conduct and submit to Department of Environmental Quality seismic vulnerability assessments. Requires department to review and approve seismic vulnerability assessments. Requires owner or operator of existing bulk petroleum terminal to submit seismic vulnerability assessment no later than January 1, 2020.

Prohibits person from operating bulk petroleum terminal without seismic risk mitigation plan that is properly implemented and approved by department. Directs Environmental Quality Commission to, by rule, adopt seismic risk mitigation program for bulk petroleum terminals. Becomes operative January 1, 2022. Authorizes commission and department to take actions before operative date.

Takes effect on 91st day following adjournment sine die.

A BILL FOR AN ACT

1
2 Relating to earthquake preparedness; and prescribing an effective date.

3 **Be It Enacted by the People of the State of Oregon:**

4 **SECTION 1. Sections 2 and 3 of this 2019 Act are added to and made**
5 **a part of ORS chapter 468.**

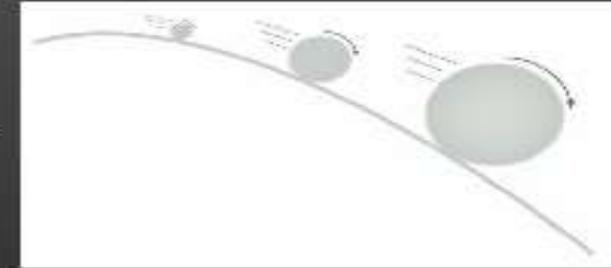
6 **SECTION 2. (1) As used in this section and section 3 of this 2019**
7 **Act, “bulk petroleum terminal” means an industrial facility located in**
8 **this state that is primarily engaged in the transport and bulk storage**
9 **of petroleum and is characterized by having marine, pipeline or rail-**
10 **road transport access and:**

11 **(a) Transloading facilities for transferring shipments of petroleum**
12 **between transportation modes; or**

13 **(b) One or more aboveground or underground bulk storage tanks**

NOTE: Matter in boldfaced type in an amended section is new; matter [italic and bracketed] is existing law to be omitted.
New sections are in boldfaced type.

Fuel spills, fires, shortages...



Credit: AP



Credit: AP Photo/Kyodo News

