

SEISMIC VULNERABILITY ASSESSMENT SCORECARD (LINNTON NEIGHBORHOOD ASSOCIATION)

In 2022, after a decade of scientific reports of potential catastrophic dangers from a Cascadia Subduction Zone earthquake–collapse, spills, fires, explosions–SB 1567 was signed into Oregon law. DEQ was given oversight. The first step was requiring the largest fuel storage/distribution facilities in 3 counties –Multnomah, Columbia, Lane–to assess their **vulnerability from a 9.0-magnitude earthquake**. **All facilities submitted Seismic Vulnerability Assessment (SVA’s) reports** to DEQ by 6.1.24.

Linnton Neighborhood Association believes the risks that the CEI Hub poses to our communities and beyond should be clear. **The scorecard below is based on facility statements. The Tank the Tanks (TtT) Score reflects the facility’s responses.**

SEISMIC VULNERABILITY ASSESSMENT--SCORECARD CATEGORIES

- **Structural Stability:** Can fuel tanks and pipelines remain intact in a seismic event?
- **Soil Stability:** Will liquefaction of soil (making it liquid) result in settlement, spreading, and flow of soil add to risks and environmental damage?
- **Containment:** Can fuel spills be contained and kept out of the river. The EPA requires walls be designed to contain a spill from only the single largest tank, not multiple tanks.
- **Fire Response Controls:** Will facilities’ fire response equipment work? They depend on vulnerable city water lines.

The Tank the Tanks (TtT) Score reflects the facility’s responses: **A+** (Acknowledges & Addresses Risk); **A** (Acknowledges Risk); **D** (Denies Risk); **I** (Incomplete Report); **F** (Fails to Assess Risk)

TtT Score	FACILITY	SOIL STABILITY	STRUCTURAL STABILITY	CONTAINMENT	FIRE CONTROLS
A+	PDX INT’L AIRPORT	WILL ADDRESS	WILL REPLACE-4 YRS	WILL REPLACE-4 YRS	WILL REPLACE-4 YRS
A	PGE BEAVER PLANT Port Westward	WILL LIQUEFY	DECOMMISSION ALL BY 2026		
A	VIGOR** Portland	NA	DECOMMISSION LARGEST TANKS	NA	NA
A	SFPP KINDER MORGAN Eugene	WILL LIQUEFY	TANKS RISK RUPTURE	INADEQUATE	WILL FAIL
A	KINDER MORGAN Linnton	WILL LIQUEFY	TANKS RISK RUPTURE	INADEQUATE	WILL FAIL
A	KINDER MORGAN Willbridge	WILL LIQUEFY	TANKS RISK RUPTURE	INADEQUATE	WILL FAIL
A	OWENS CORNING ASPHALT	WILL LIQUEFY	TANKS RISK RUPTURE	RUPTURE UNLIKELY	WILL FAIL
A	CASCADE KELLY Port Westward	WILL LIQUEFY	TANKS MAY SPILL	NOT REPORTED	RIVER WATER BACKUP
D	CHEVRON Portland	WILL LIQUEFY	"NO HIGH RISK TANKS" ***	INADEQUATE	WILL FAIL
D	SUNOCO Portland	WILL LIQUEFY	"NO HIGH RISK TANKS" ***	INADEQUATE	WILL FAIL
D	SEAPORT Portland	WILL LIQUEFY	"NO HIGH RISK TANKS" ***	INADEQUATE	WILL FAIL
D	SHELL TRADING Portland	WILL LIQUEFY	"2/15 TANKS AT RISK" ***	INADEQUATE	WILL FAIL
I*	PHILLIPS 66 Portland	WILL LIQUEFY	NOT REPORTED	NOT REPORTED	NOT REPORTED
I*	MCCALL OIL Portland	WILL LIQUEFY	INADEQUATE INFORMATION	INADEQUATE	WILL FAIL
I*	PACTERM Portland	NOT REPORTED	NOT REPORTED	NOT REPORTED	NOT REPORTED
I*	NW NATURAL Portland	NOT REPORTED	NOT REPORTED	NOT REPORTED	NOT REPORTED
F	ZENITH Portland	NOT REPORTED	INADEQUATE INFORMATION	INADEQUATE	NOT REPORTED

* **Extensions requested:** Phillips-15/16 mos.; McCall-14 mos.; PacTerm-12 mos.; NW Natural-Dec 2024

**Vigor signed an enforceable order to decommission tanks by 2028.

***Used undisclosed standards.

Disclaimer: Scorecard is based on company statements only; engineering analysis was not evaluated.