

# City of Portland & Critical Energy Infrastructure Hub



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# Overview: Linnton and the CEI Hub

- Linnton community risks and community organizing
- Natural Hazard Mitigation Planning & Future Studies
- Fire inspections
- Building code enforcement
- Land use planning



# Linnton Community Organizing

- Residents (600 people) aware of heightened risks from hazardous materials, landslides, wildfires, and liquefaction.
- One road in /out, narrow residential streets, many dead ends.
- Weak fire flows; nearest fire station in St. Johns (over river).
- Active neighborhood association and Neighborhood Emergency Team; residents are effective advocates.



# Linnton Neighborhood



# Natural Hazard Mitigation Planning

- Focused area study in 2015 (TetraTech).
- Several “community” meetings for owner/operators in CEI hub.
- Facilities asked to provide data for risk modeling; most declined.



# Linnton Hazard Mitigation Recommendations

Create disaster resilience work group to promote coordination among owner-operators and with the City. Work on:

- Pre-approved waivers of environmental rules post-earthquake
- Coordinated planning for emergency response, recovery, and business continuity
- Emergency drills and exercises
- Back-up power installations

Nonstarter: buy-out program



# Current research efforts

PBEM contributed to fund Oregon Solutions current work.

Contracted with Dr. Peter Dusicka / PSU for:

- Summary of quantity, type, age, storage capacity of liquid fuel tanks
- Expected EQ damages based on case study comparisons
- Description of mitigation options and costs
- Recommended mitigation strategies



# Other regulatory connections to Linnton

- Development Services enforces building codes for structures, including tanks, in Linnton.
- Fire Marshall maintains regular inspection of tanks for compliance with fire code.
- City regulates land use in Linnton.



# Thank you.



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