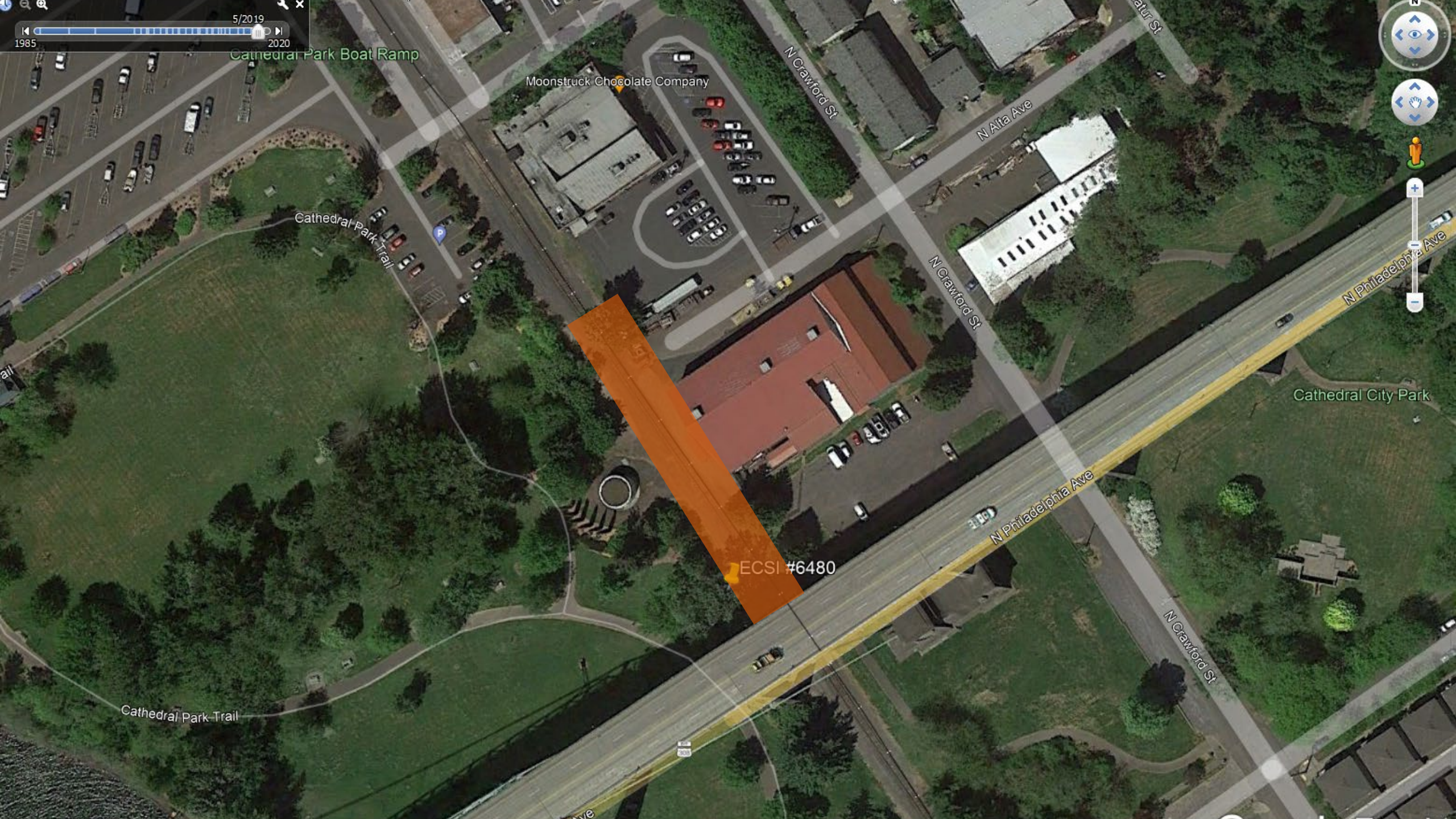


PCB Areawide – N. Bradford St. Right-of-Way

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State of Oregon
Department of Environmental Quality



5/20/19

Cathedral Park Boat Ramp

Moonstruck Chocolate Company

Cathedral Park Trail

ECSI #6480

N Philadelphia Ave

N Crawford St

N Alta Ave

Cathedral City Park

N Philadelphia Ave

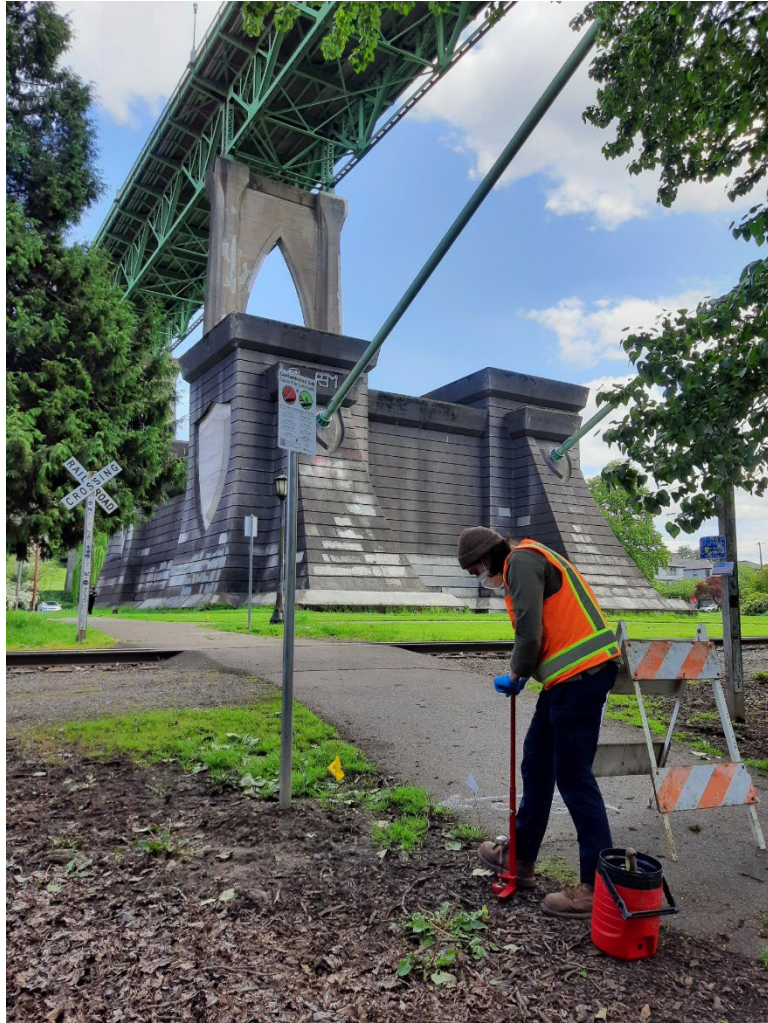
N Crawford St

Cathedral Park Trail

Flags show soil increment locations



What does representative sampling look like?



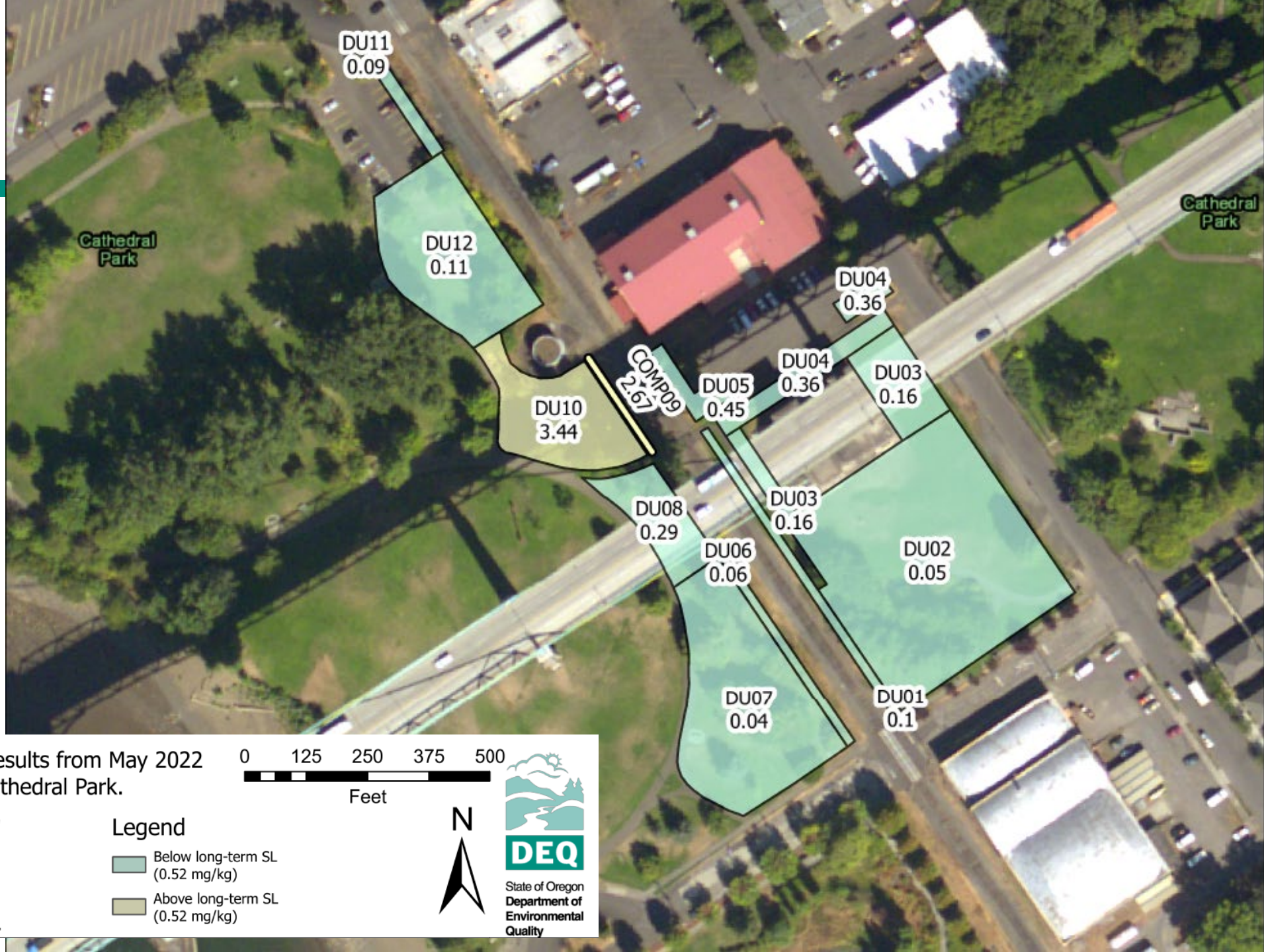


Figure 1: Sample Results from May 2022 DEQ sampling in Cathedral Park.

Note: all samples are below acute (short-term) health screening levels (SL).

Last updated on 7/19/2022.

Legend

- Below long-term SL (0.52 mg/kg)
- Above long-term SL (0.52 mg/kg)



Human Health Risk

- Biggest concern: exposed and loose soil
- OHA used ATSDR's Public Health Assessment Screening Tool
- We **used protective and realistic exposure factors**
 - 3 days per week in “DU10” (the sampling area with highest PCB levels)
 - 100 mg to 200 mg soil swallowed per day, skin exposure every day
 - A hypothetical exposure scenario – based off what we know
- **All age groups evaluated** (0-<1 years, 1-<2 years, 2-<6 years, 6-<11 years, 11-<16 years, 16-<21 years, 21+ years)
- **Model results did not indicate health risk to any age group**
 - Doses calculated for all age groups over 100x lower than level that caused health effect in critical study
- **Recommendation to PP&R:** maintain thorough grass cover, mulch in landscaped areas and tree wells, regular inspection of grass and mulch



Conclusions...

- PCBs are below long-term screening levels in 10 sampling areas
- In two areas, PCBs are above long-term screening level, but below a level of immediate concern.
- OHA determined these levels of PCBs are too low to harm health.
- OHA has recommended maintain grass and mulch
- DEQ will continue requiring sampling

Staying Informed

- Join our meetings!
- Go to deqblog.com/nbradford-street
- Contact list: bit.ly/nbradfordst-list

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Questions



State of Oregon
Department of Environmental Quality