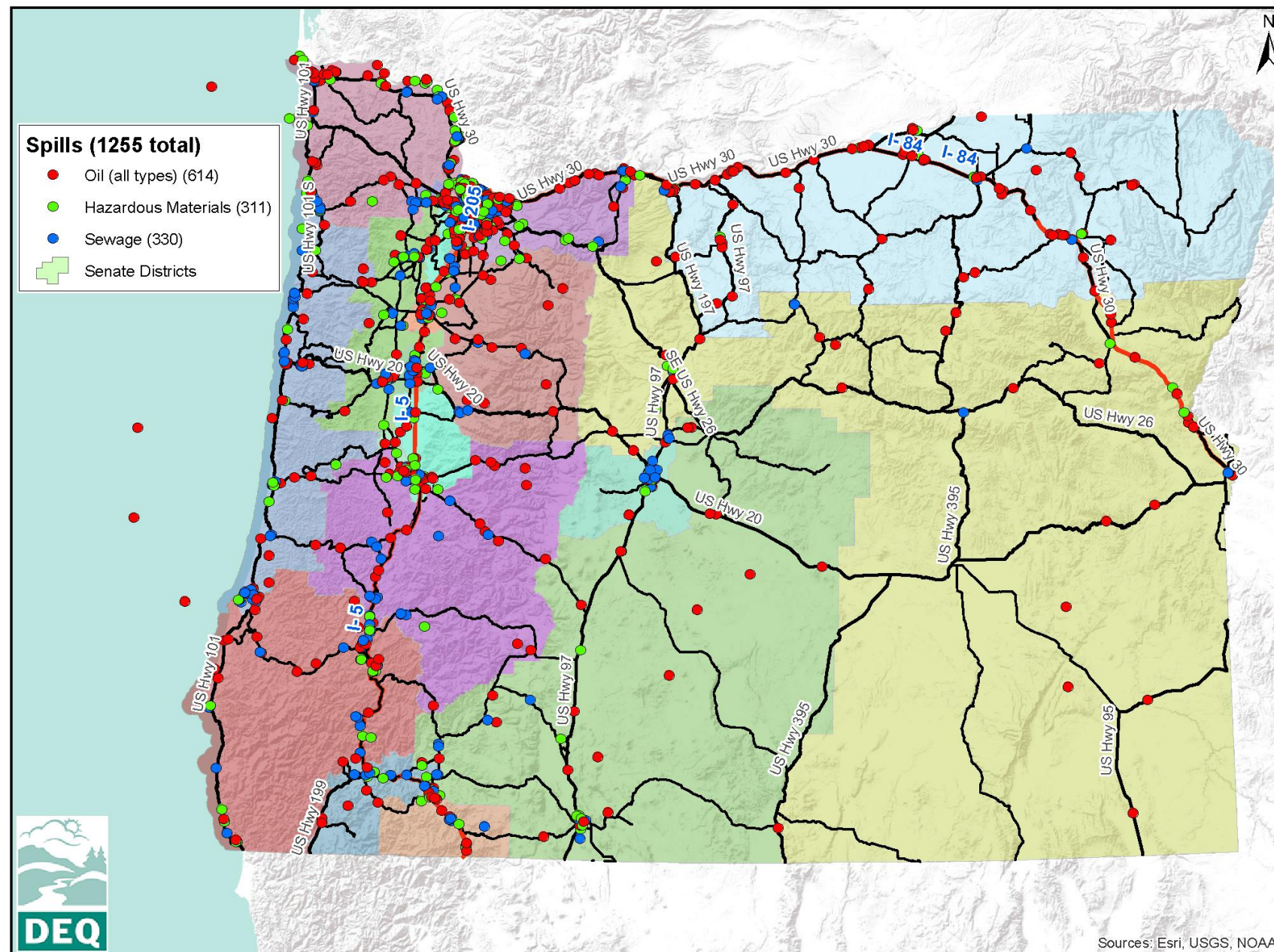


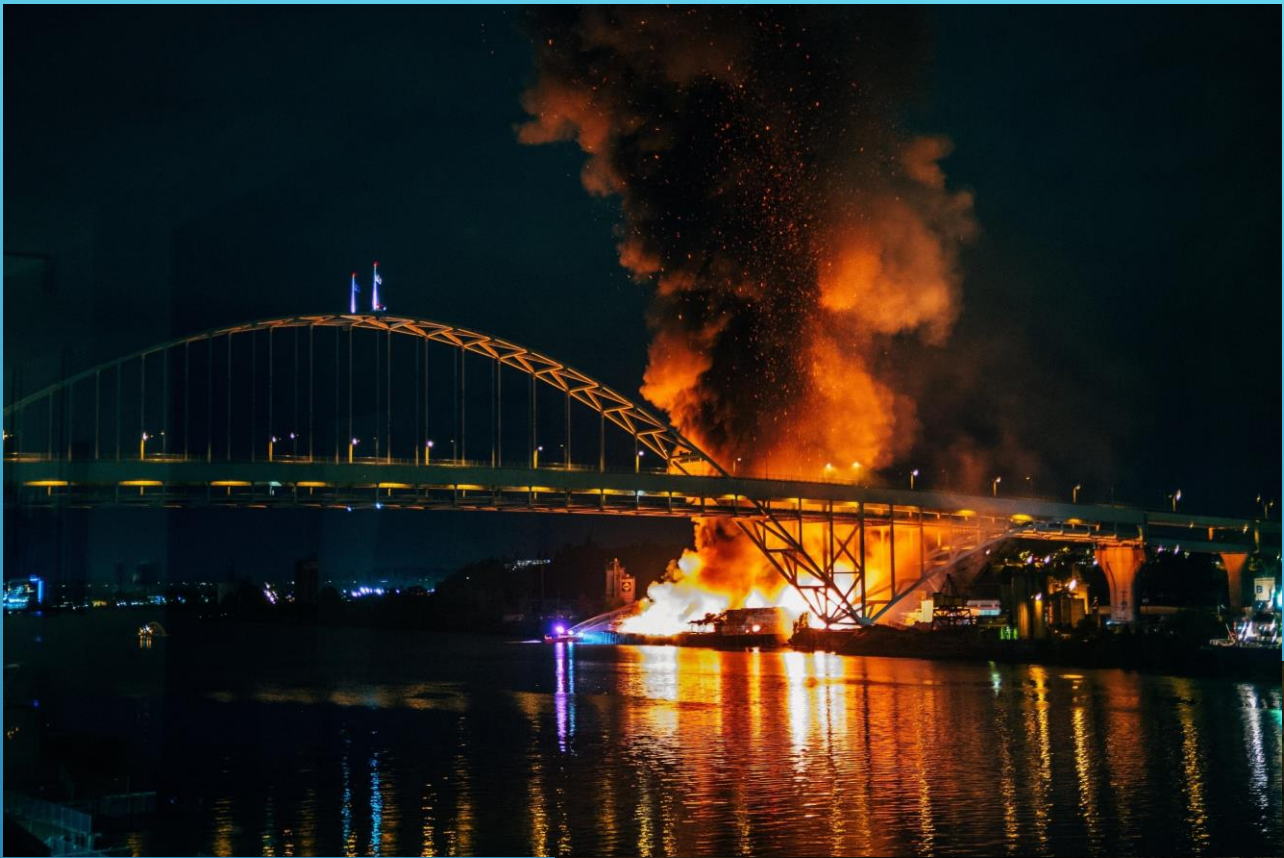
OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY

SEPTEMBER 16,
2019

Mike Zollitsch
Abby Boudouris

Spills by Oregon State Senate District (Fiscal Year 2019)





**DEQ Regulates 12 petroleum
facilities and 3 petroleum
pipelines in the CEI**





Groundwater Drinking
Sources
Surface Water Drinking
Sources
Aquatic and Terrestrial
Wildlife

Protection of
Snowy Plover
Habitat

Protection of
Cultural
Resources

Coordination
with multiple
state and
federal
agencies as
well as local
tribes.





DEQ Assets include:
Personnel
Contractors
Mobile Command Trailer
Laboratory



LENGTH AND TIME SCALE FOR CURRENTS

(TIME IS OF THE ESSENCE)

Current Type	Length Scale	Time Scale	Uncertainty
River	10s of miles	Hours to days	Lowest
Tides	Miles	Hours	Low
Estuarine Circulation	10s of miles	1 to 2 days	Medium
Coastal Flow	100s of miles	Weeks	High
Ocean Circulation	1000s of Miles	Months to Years	Low-High



A small shorebird, possibly a sandpiper, stands on a sandy beach. The bird has a white underbelly, a brown back, and a dark band around its neck. It is facing right. The background is a blurred beach with scattered pieces of driftwood.

Questions?

**Mike Zollitsch
Abby Boudouris
Emergency
Response
Oregon DEQ**