



BEYOND TOXICS

BENEATH THE PUMP: THE THREAT OF PETROLEUM CONTAMINATION

OCTOBER 2023



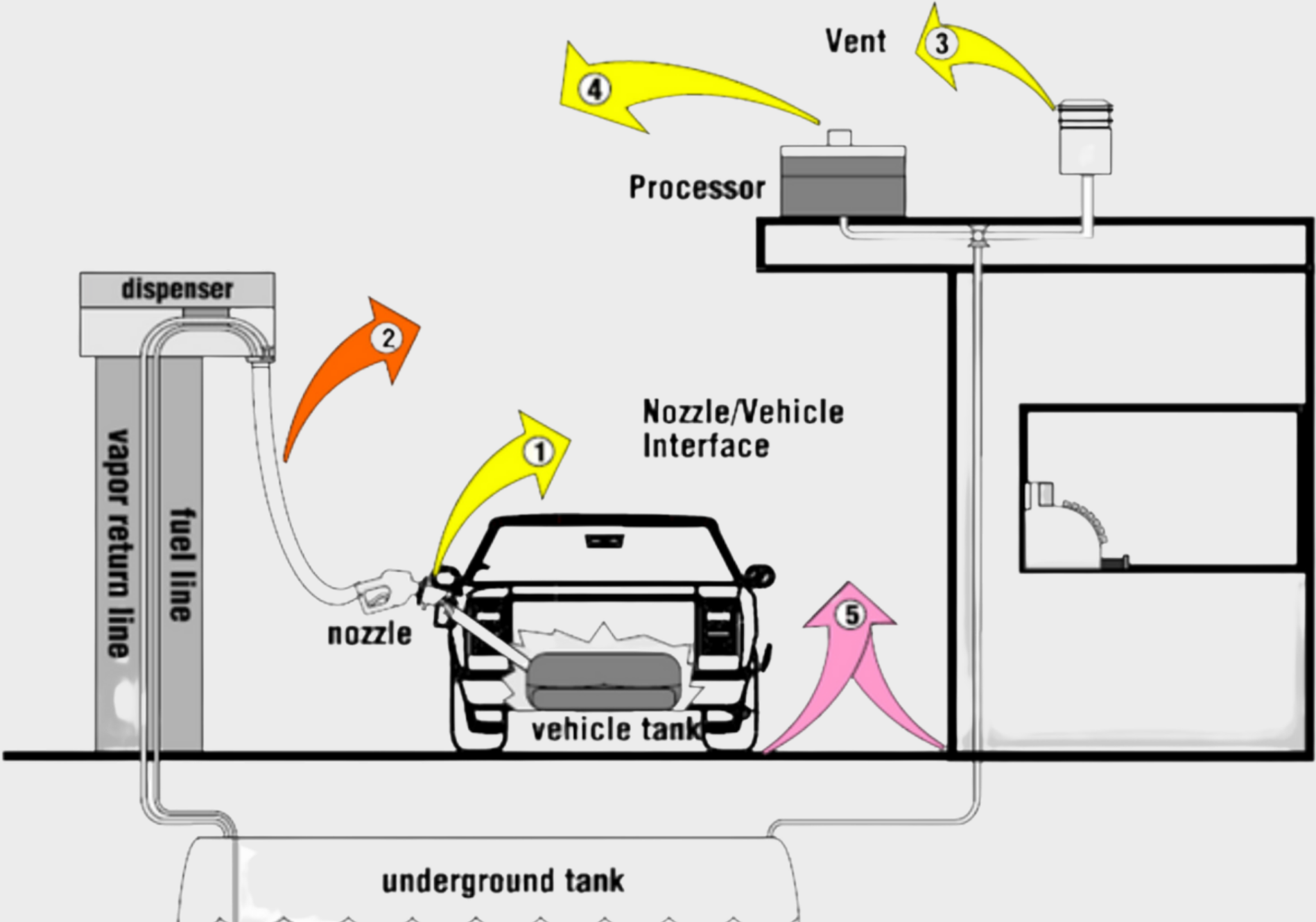
A BEYOND TOXICS REPORT

PREPARED AND PRESENTED BY

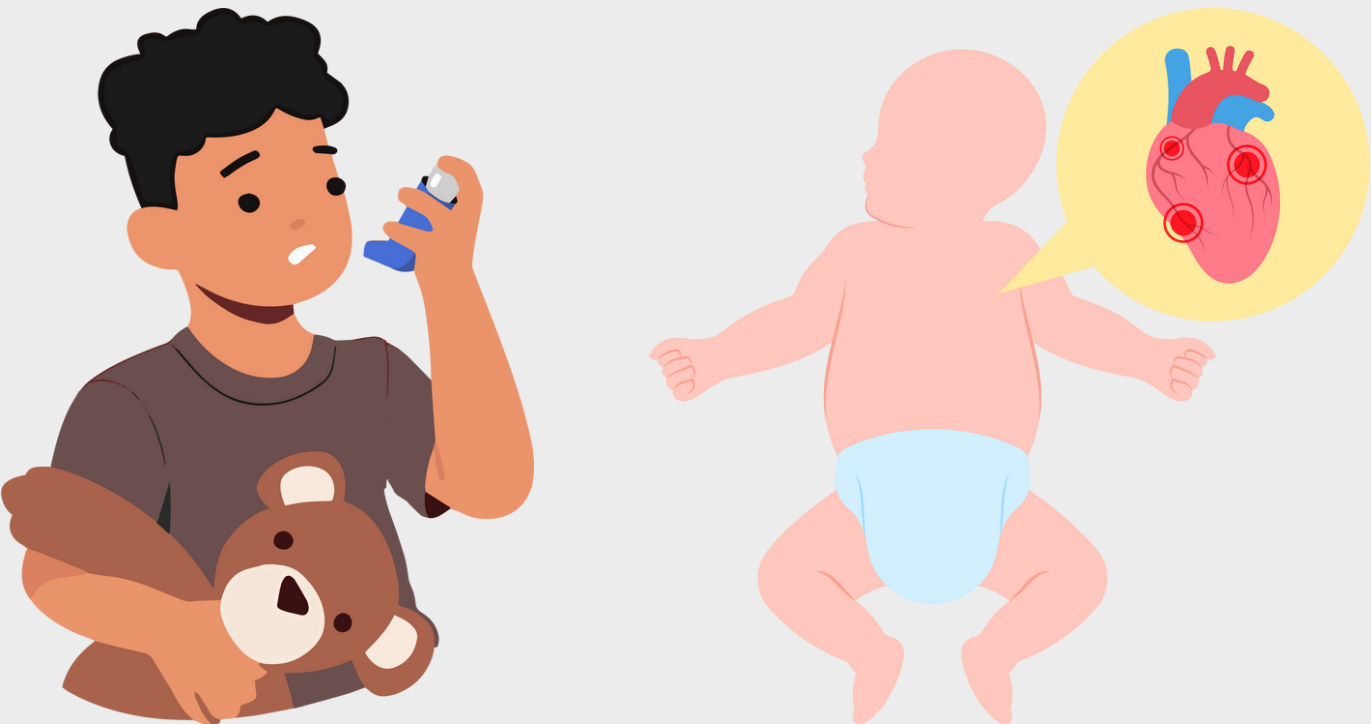
MASON LEAVITT, ZACH MULHOLLAND,
NATHAN WILSON AND LISA ARKIN



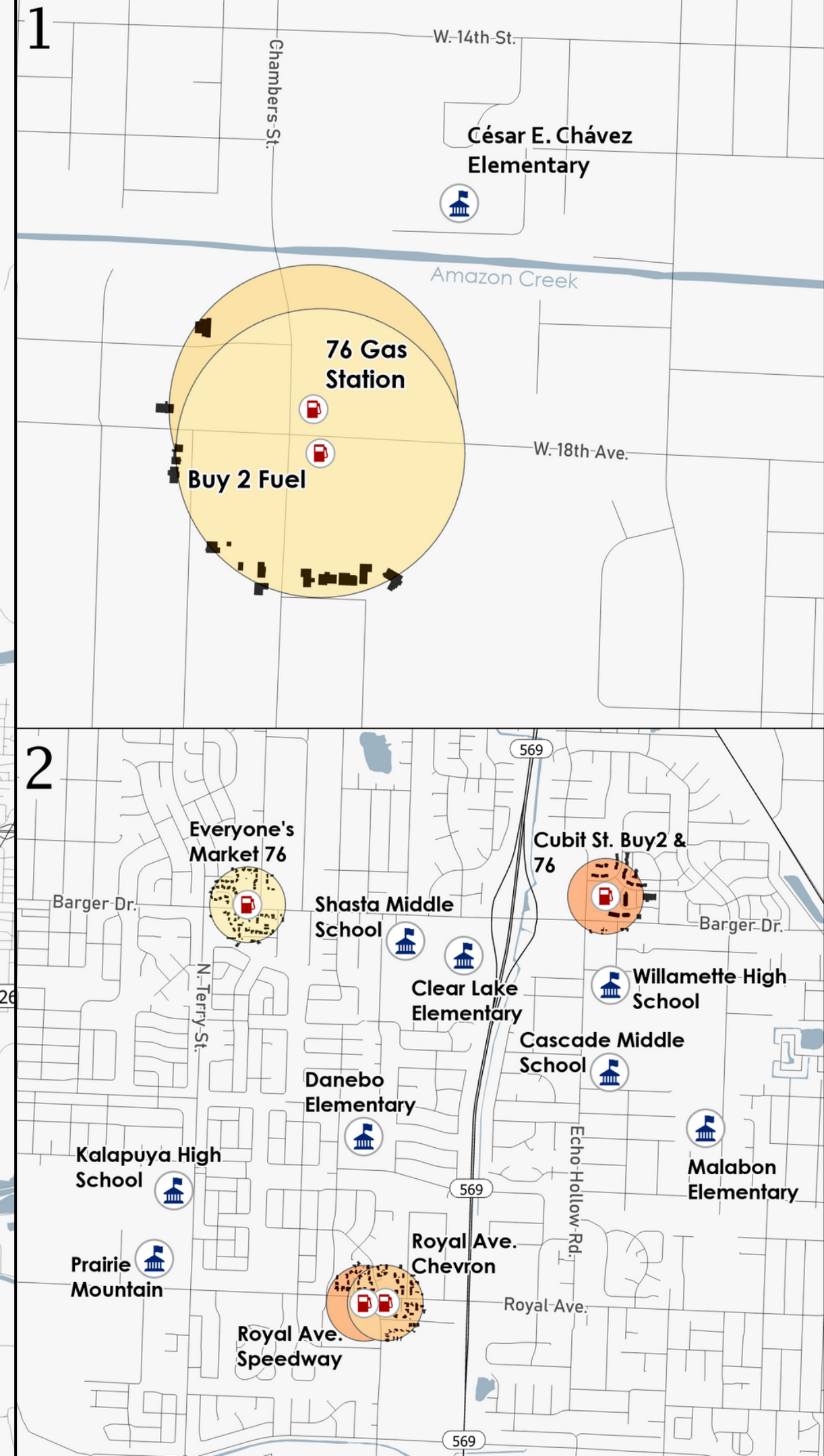
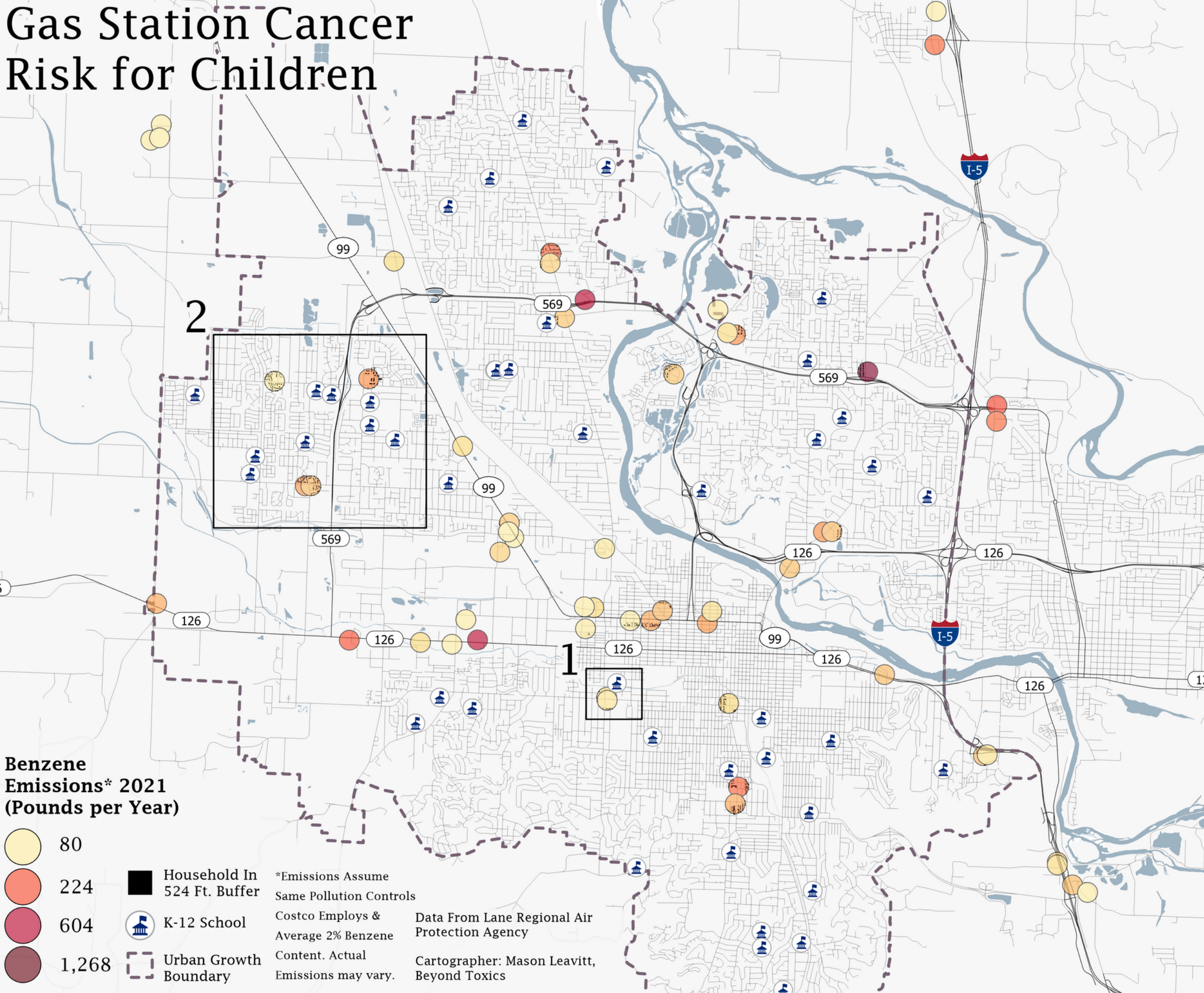
SOURCES OF ESCAPING OR LEAKING HAZARDOUS VAPORS AT GAS STATIONS



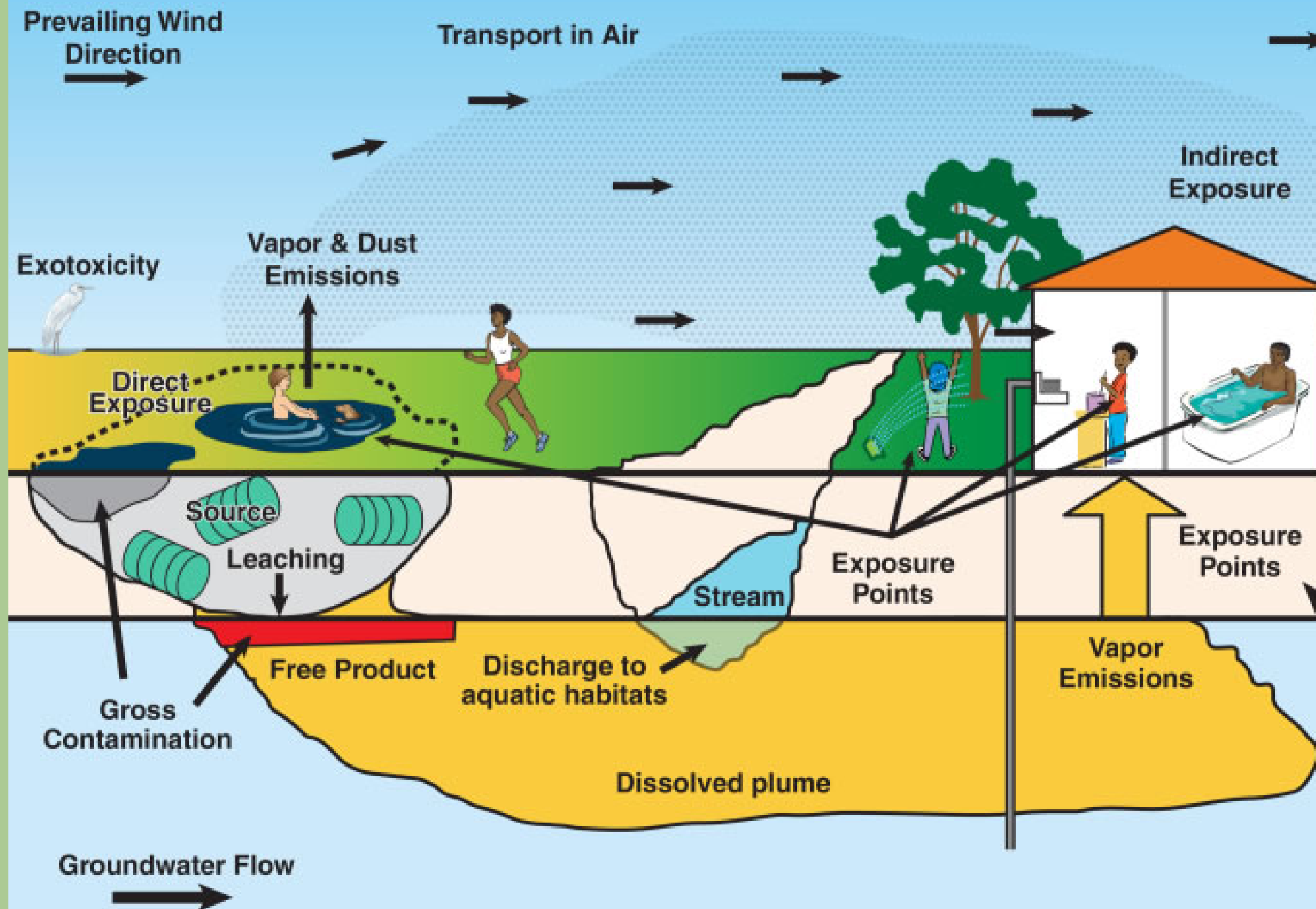
California Air Resources Board



Gas Station Cancer Risk for Children



CONCEPTUAL SITE MODEL



Leaking Underground Storage Tanks...

- Exposes Nearby Workers and Residents to Toxins
- Decrease Property Values
- Contaminate Drinking Water, Air, and Soil
- Cost an Average of \$400,000 to Cleanup
- Burdens Future Development



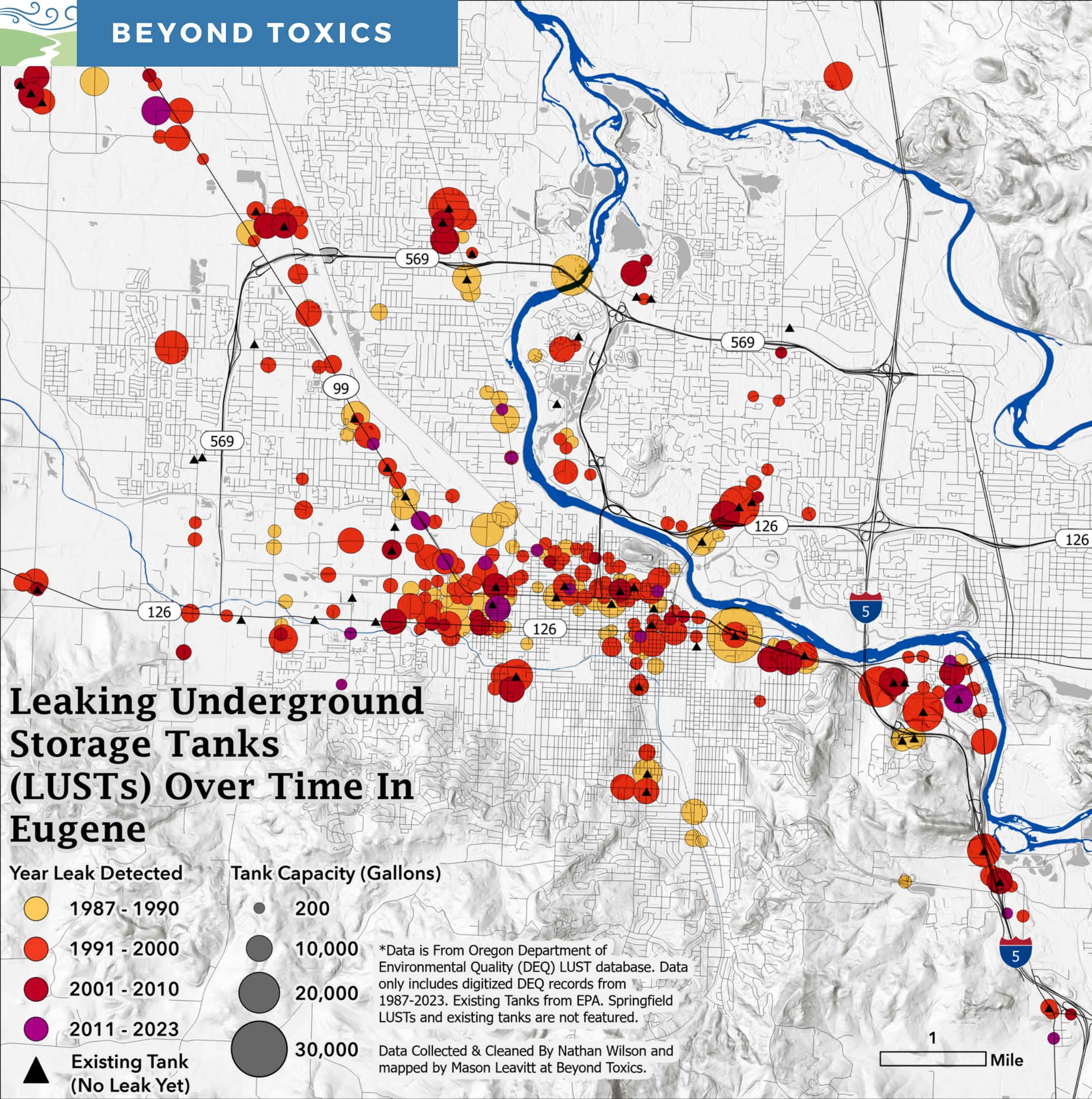
BEYOND TOXICS

515 Broadway Apartments



Oregon Department of Environmental Quality

50 Dump Trucks of Contaminated Soil
"Several Million" Gallons of Groundwater



Eugene's Numbers

- 303 LUSTs Since 1987
- 114 Cleanups Not Finished
- 43 Threatened Groundwater Wells
- 41 Threatened The Willamette River

In 2035....

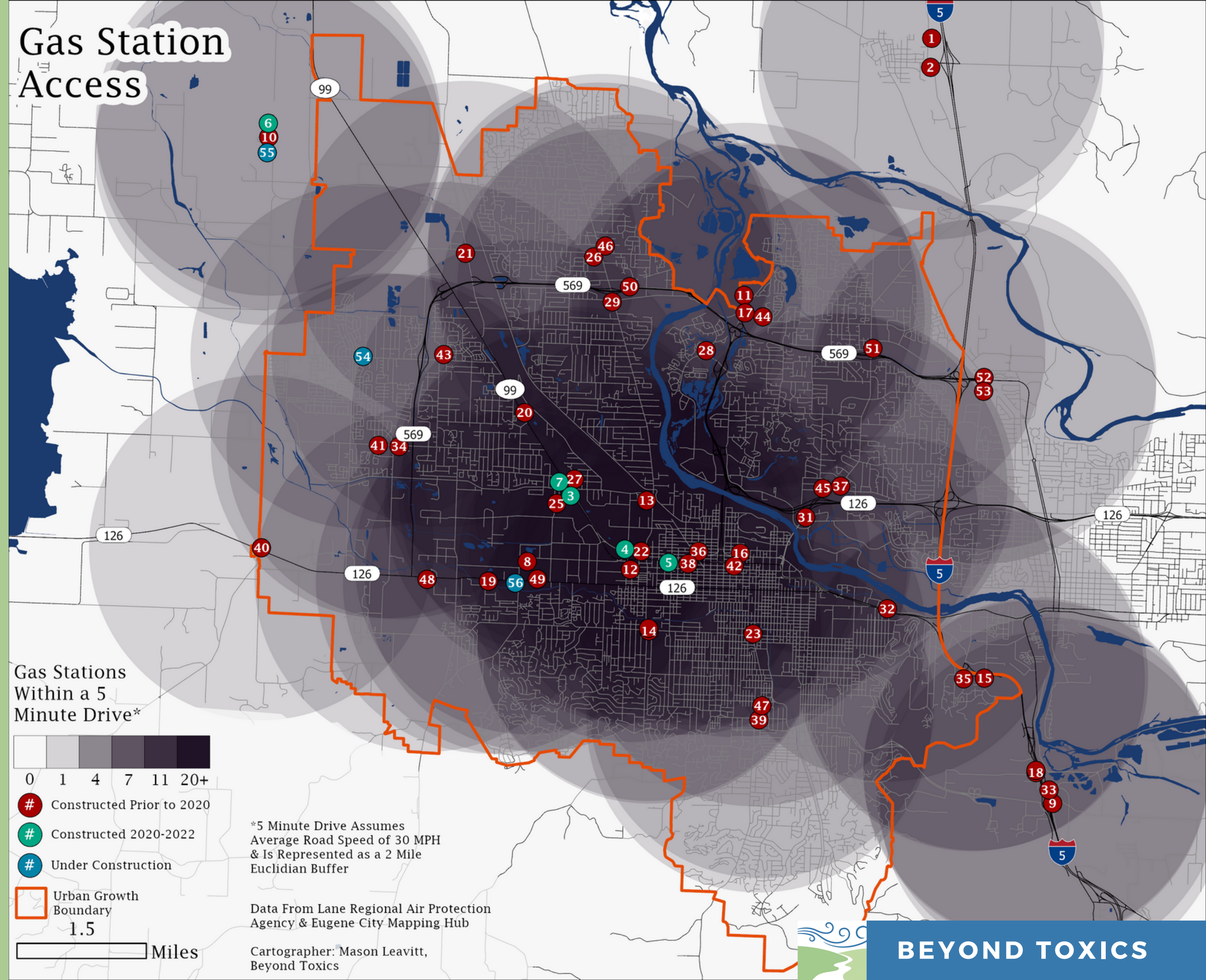
**64-80% of Cars
on Eugene Roads
Will Be Electric**

Eugene Water and Electric Board (EWEB)

**80% of Gas
Stations Will be
Unprofitable**

Boston Consulting Group

**The Production & Sale
of New Gasoline
Vehicles Will Not Be
Allowed in OR**





They City of Eugene Should Follow Other Cities in...

▶▶ Disallowing Construction of New Gas Stations

▶▶ Build Out a Network of Electric Vehicle Charging Stations.
Support a Citywide Electric Vehicle Charging Master Plan

▶▶ Require Electric Vehicle Chargers at Existing Gas Stations by
2030