

# Seattle and Tacoma Air Toxics Study

We invite you to share your input



## WHAT ARE AIR TOXICS?

Air toxics are a group of over 400 pollutants known or suspected to cause several health problems; including cancer and birth defects, as well as damage to lungs, immune systems, and nervous systems. In the Puget Sound region, the main health risks from air toxics come primarily from fine particles in diesel exhaust.

## WHAT WE WILL BE STUDYING?

We will look at changes in air toxics levels over time including diesel exhaust sources, wood smoke, ethylene oxide (a newly prioritized air toxic), and metal emissions in industrial areas. We will estimate potential cancer risk from these air toxics.

## WHY IS THIS STUDY IMPORTANT?

This study will gather important air quality data and help us better understand the health risks associated with air pollution in our communities. The final report will be released publicly so other organizations and agencies that serve the Duwamish Valley can access and utilize the data to determine where priorities are made in the community.

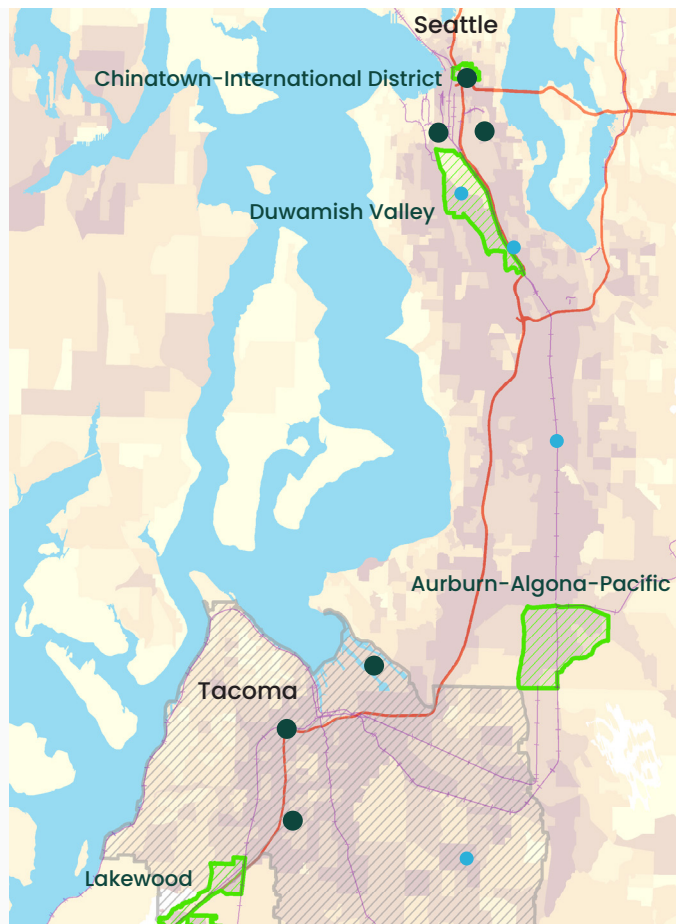
# Seattle and Tacoma Air Toxics Study

## COMMUNITY-DIRECTED SAMPLING + TIMELINE

We will complete a year of monitoring at two near-highway sites and two industrial sites in Seattle and Tacoma, and a residential site in Tacoma that has some of the highest levels of wood smoke in the region.

In addition, there is an opportunity for community-directed monitoring. This part of the study will include community members in the process of identifying locations of interest in the Duwamish Valley, and determining how often and for how long to monitor at certain sites.

The toxics monitoring will start in the summer/fall of 2021. After the monitoring period is complete, we will then interpret the data to screen for any potential health risks for the community. We expect the final results to be reported back to the community after monitoring is completed, in late 2022.



## STUDY LOCATIONS

- Study Site
- Other Monitoring Station
- ▨ PM 2.5 Maintenance Area
- ▨ Focus Community

### Environmental Justice Screening Score

- Least Impacted 20%
- Most Impacted 20%

## WE INVITE YOU TO SHARE YOUR INPUT!

We want to include your input on where to monitor for air toxics in the Duwamish Valley. We will host a workshop on **Tuesday, August 17th** in South Park. We will also introduce information on air toxics, share recent moss study results, and hear your valuable input.

Register here. [www.bit.ly/3eDliOH](http://www.bit.ly/3eDliOH)

Fill out this survey to share your input and identify locations that you think should be prioritized.

Survey link. [www.pscleanair.gov/DVAirToxics](http://www.pscleanair.gov/DVAirToxics)

Please contact us if you have any questions or concerns at [ej@pscleanair.gov](mailto:ej@pscleanair.gov).