

# Northeast Coalition of Neighborhoods



## Air Pollution Report 2019 Update



**Map Key**

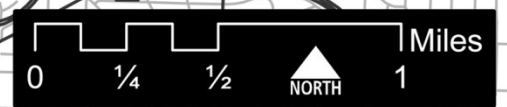
More air pollution ↑

- (ST) Standard DEQ ACDP
- (SI) Simple DEQ ACDP
- (G) General DEQ ACDP
- (BS) Basic DEQ ACDP
- (37) HSIS Listing

↓ Less air pollution

No Industries are located in the area depicted under the Map Key or credits

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 map by Robert Mannering  
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## Key to Front Page

### Industries with DEQ Air Contaminant Discharge Permit +HSIS

|   |                       |
|---|-----------------------|
| Widmer Bros Brewing Co                    | 924 N Russell St      |
| Ross Island Sand & Gravel Co              | 1208 N River St       |
| Louis Dreyfus Co                          | 900 N Thunderbird Way |
| Temco LLC                                 | 800 N River St        |
| AlSCO American Linen                      | 1441 N Columbia Blvd  |
| Benson Polytechnic High School            | 546 NE 12th Ave       |
| Mondelez Global LLC                       | 100 NE Columbia Blvd  |
| Sapa Profiles Inc                         | 5325 NE Skyport Way   |
| Central Pre-mix Concrete Products Company | 1402 N River St       |
| Sunny's Cleaners (out of business?)       | 5010 N Interstate Ave |
| Abe's Broadway Cleaners Inc               | 1730 NE Broadway St   |
| Stewart's Dry Cleaners Inc                | 2701 NE 7th Ave       |
| Abraham's Fabric Clinic LLC               | 4511 NE MLK Blvd      |
| Walnut Park Cleaner's & Coin-Op Laundry   | 5420 NE 6th Ave       |

### Industries with only Fire Marshall HSIS listing

|    |                                     |                             |
|----|-------------------------------------|-----------------------------|
| 1  | Coast Crane Co                      | 1601 NE Columbia Blvd       |
| 2  | ODOT                                | 1100 N Columbia Blvd        |
| 3  | Arctic Glacier USA Inc              | 909 N Columbia Blvd Ste C   |
| 4  | Blue Beacon Limited                 | 10244 N Vancouver Way       |
| 5  | Independent Dispatch Inc            | 214 NE Middlefield Rd       |
| 6  | Universal Applicators Inc           | 10111 NE 6th Dr             |
| 7  | Rose Heating Co Inc                 | 9945 NE 6th Dr              |
| 8  | Mccoys Freightliner                 | 9622 NE Vancouver Way       |
| 9  | Green Street Details Inc            | 8900 NE Vancouver Way       |
| 10 | Du Truck Service Inc                | 8900 N Vancouver Ave        |
| 11 | Price Mart Inc                      | 8700 N Vancouver Ave        |
| 12 | Fleet Maintenance Inc               | 8305 NE MLK Jr Blvd         |
| 13 | Penske Truck Leasing Co             | 1 NE Columbia Blvd          |
| 14 | Carson American Equipment           | 89 NE Columbia Blvd         |
| 15 | Genuine Parts Company               | 430 NE Columbia Blvd        |
| 16 | Papé Kenworth of Portland           | 550 NE Columbia Blvd        |
| 17 | Papf Machinery & Weld Shop          | 425 NE Columbia Blvd        |
| 18 | Guttermans Supply Corp              | 1620 NE Argyle Dr           |
| 19 | Columbia Edgewater Country Club     | 2220 NE Marine Dr           |
| 20 | AlSCO American Linen                | 1755 NE Argyle St           |
| 21 | Sapa Profiles Inc                   | 7933 NE 21st Ave            |
| 22 | Portland Foundry Inc                | 7715 NE 21st Ave Bldg C     |
| 23 | Sapa Profiles Inc                   | 2210 NE River Side Way      |
| 24 | Paving Maint. Supply Div./Craftco   | 2224 NE Argyle St           |
| 25 | FleetPride Inc                      | 2026 NE Columbia Blvd Ste A |
| 26 | Mccoys Freightliner LLC             | 2323 NE Columbia Blvd       |
| 27 | Amalgamated Sugar Co LLC            | 2600 NE Columbia Blvd       |
| 28 | Riverside Golf & Country Club       | 2521 NE Elrod Dr            |
| 29 | Latitudes                           | 2425 NE Riverside Way       |
| 30 | Poly-Flow LLC (PF PDX LLC)          | 2668 NE Riverside Way       |
| 31 | Mary's Harvest Fresh Foods Inc      | 2705 NE Argyle St           |
| 32 | American Inks & Coatings Co         | 2669 NE Riverside Way       |
| 33 | LeSaint Chemical (out of business?) | 2730 NE Riverside           |
| 34 | Color FX                            | 7561 NE 33rd Dr             |
| 35 | Permacold Engineering Inc           | 3005 NE Argyle St           |
| 36 | Tarr LLC                            | 2946 NE Columbia Blvd       |
| 37 | Broadmoor Golf Course               | 3509 NE Columbia Blvd       |
| 38 | Ameriflight LLC                     | 8580 NE 47th Ave            |

|    |                                      |                             |
|----|--------------------------------------|-----------------------------|
| 39 | Blast All LLC                        | 3900 NE Bryant St           |
| 40 | Cessco Inc                           | 4222 NE Columbia Blvd       |
| 41 | Peterson Machinery Co                | 4421 NE Columbia Blvd       |
| 42 | A B Finishing Tech                   | 6724 NE 46th Ave            |
| 43 | Apollo Chemical & Equipment Co LLC   | 6647 NE 47th Ave            |
| 44 | Hertz Corp (Herc Rentals Inc)        | 4939 NE Columbia Blvd       |
| 45 | Parr Lumber Company                  | 6250 NE MLK Jr Blvd         |
| 46 | Rose City Dialysis LLC               | 4905 NE MLK Jr Blvd         |
| 47 | Kaiser Permanente                    | 3715 N Interstate Ave       |
| 48 | Kaiser Permanente                    | 3600 N Interstate Ave       |
| 49 | City of Portland                     | 3150 N Mississippi Ave      |
| 50 | Union Pacific Railroad Co            | 1619 N River St             |
| 51 | Cloudburst Recycling Inc             | 2223 N Randolph Ave         |
| 52 | General Automotive Supply Co Inc     | 2204 N Randolph Ave         |
| 53 | City of Portland                     | 2929 N Kerby                |
| 54 | Uroboros Glass Inc (out of business) | 2139 N Kerby Ave            |
| 55 | Portland School District 1j          | 501 N Dixon St              |
| 56 | United Welding Supply                | 2313 NE MLK Jr Blvd         |
| 57 | Rip City Management LLC              | 1 N Center Court Dr Ste 200 |
| 58 | Widmer Brothers Brewing Co           | 1 N Center Ct Dr            |
| 59 | Land Rover Portland                  | 720 NE Grand Ave            |
| 60 | Bonneville Power Administration      | 905 NE 11th Ave             |
| 61 | Sunshine Dairy                       | 801 NE 21st                 |
| 62 | Hollywood Dialysis Center            | 2824 NE Wasco St            |
| 63 | Breslin Timberline Tire Factory      | 3434 NE Sandy Blvd          |
| 64 | Orchard Supply Company LLC           | 4030 NE Halsey St           |

The Northeast Coalition of Neighborhoods (NECN) is a nonprofit serving Portland's 12 inner North/Northeast neighborhoods. NECN helps increase neighborhood livability through inclusive civic engagement and grassroots community building. NECN works to impact social and environmental justice through issue advocacy, support for community projects, and leadership development. *Governing Magazine* identified Portland as having the highest amounts of gentrification in the country, noting high displacement in Northeast Portland, which has disproportionately impacted African Americans.

NECN is concerned about the air pollution coming from several factories, particularly the clusters around the I-5 corridor and Columbia Avenue. For example, Tarr LLC is a chemical distributor, located near the Concordia and Woodlawn Neighborhoods. Tarr LLC emits over 4,218 pounds of toxic industrial solvents from their factory at 2946 NE Columbia Blvd annually according to the 2017 EPA Toxics Release Inventory. Precision Equipment Inc., close to the

Woodlawn Neighborhood, is a hard chrome electroplating factory. We would like Precision Equipment to switch from hexavalent chromium, a potent carcinogen, to trivalent chromium, a safer alternative for chrome plating according to the State of California. Some dry cleaners in our neighborhoods still use toxic and cancer-causing perchloroethylene instead of currently available safe alternatives. All dry cleaners included on the cover of this report use perchloroethylene; we estimate about one 55 gallon drum is released on site annually per dry cleaner. California's Air Resources Board banned the substance from use in new dry-cleaning machines in 2007.

The interactive map at the top of the page at [portlandcleanair.org](http://portlandcleanair.org) reports on every air polluting industry in the city and lists their itemized annual airborne emissions. Industries with smokestacks can prevent chemical waste from going airborne by installing a control device. Through combustion or capture, these control devices can remove 99% of chemical pollution from the smokestack.

Public awareness of this issue peaked during the Bullseye Glass scandal in 2016. Bullseye was incinerating 6,000 pounds of lead, cadmium, arsenic, and chromium to make decorative glass at 722 SE 21st Avenue, located 1,000 feet from a 100-child day care. Eighty-five percent of these metals went airborne. DEQ wrote in Bullseye's 2011 Permit Review that even if 100% of the metals went airborne, Bullseye was allowed to triple production without a control device. Bullseye owned a state-of-the-art filter all along but didn't plug it in. Now Bullseye uses their filter and have agreed to a \$6.5 million settlement with their neighbors for nuisance, trespass, and loss of property value.

Oregon's Department of Environmental Quality (DEQ), the regulatory agency responsible for air safety, announced in early 2016 that neighborhoods surrounding Uroboros Glass had a monthly average of 49 times the state's established air-safety benchmark level for

cadmium, based on information gathered from the US Forest Service moss study. Cadmium exposure is linked to cancer, respiratory problems, and organ damage. A recent study by the Oregon Health Authority found that for the years 1999-2003, there was a small yet statistically significant increase in the rate of bladder cancer in one census tract near Uroboros. Researchers state that more studies are needed at this time. Bladder cancer can be linked to arsenic, which is a chemical Uroboros used in their processes in the past.

Uroboros, like other similar facilities, had been operating in compliance with the law. Despite Oregon's established health benchmarks, there have been no regulatory requirements associated with such benchmarks. A failure of oversight, regulation, and transparency has led to inadequate testing, monitoring, and emissions controls like smokestack filters. Citizen outcry over heavy metals from Portland glass factories caused new rules requiring Uroboros to install a scrubber and clean their stacks. As of October 2016, Uroboros announced they are going out of business.

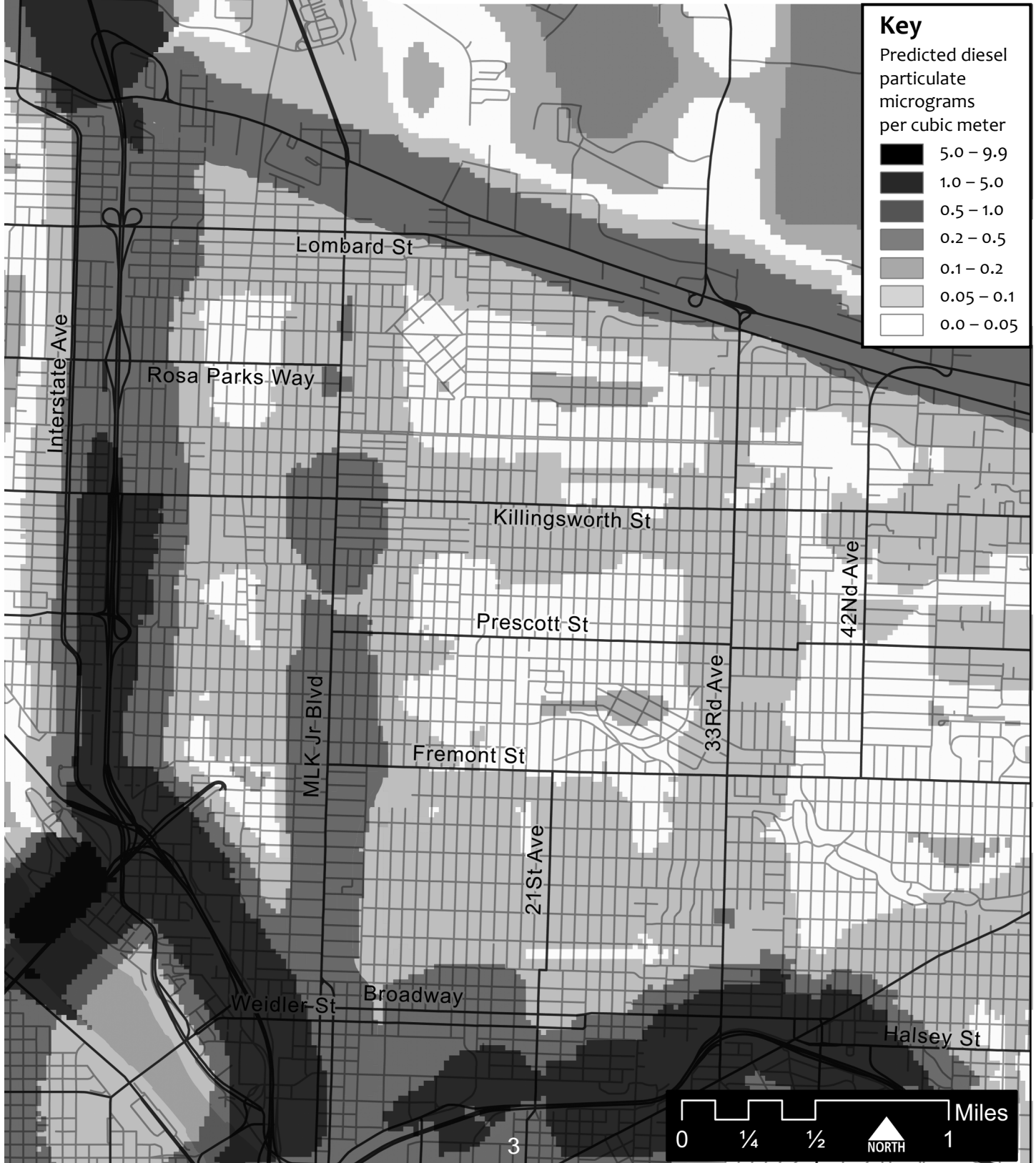
Citizen involvement is needed to address Northeast Portland air pollution. The Environmental Protection Agency (EPA) National Air Toxics Assessment (NATA), released in December 2015 found that Multnomah ranked in the worst 1.3% of counties in the US for diesel particulate, the worst airborne carcinogen according to State of California risk assessments.

Diesel particulate filters capture 90% of a truck's particulate exhaust. California requires this by law and by 2015 virtually all diesel trucks in their state had a filter. However, XPO Logistics, Consolidated Freightways, and USF Reddaway together own 10,712 unfiltered Portland diesel trucks, according to ODOT. That's more unfiltered diesel engines than Trimet and the next 24 largest unfiltered Portland commercial diesel truck fleets combined.

# NE Portland Diesel Particulate

## Unfiltered Industrial Diesel Truck Pollution

The 2014 National Air Toxics Assessment (NATA) released to public by the EPA August 2018 ranks Multnomah in the worst 1.3% of counties for airborne diesel particulate, the worst airborne carcinogen according to State of California risk assessments. This GIS map of EPA NATA on-road diesel particulate is modeled by Portland Clean Air over roads using ODOT 24 hour truck counts.



GIS model by Michael Egge, PhD Student Portland State University: megge@pdx.edu & Andrea Richards, Graduate Student Portland State University: anr2@pdx.edu; map editing by Greg Bourget: greg@portlandcleanair.org; data request by Alissa Leavitt: Data online at portlandcleanair.org

The World Health Organization classifies diesel exhaust as a carcinogen, causing lung and bladder cancer. The Environmental Protection Agency (EPA) reported that diesel exhaust can also cause eye, throat, and bronchial irritation, lightheadedness, nausea, as well as coughing and phlegm. In 2015 the *Oregonian* reported that other health effects of diesel exhaust include "heart attacks, pre-term and low-weight births, and asthma." A 2008 study by Irina Krivoshto et al. in *Journal of the American Board of Family Medicine* found that **diesel exhaust is 100 times more toxic than gasoline engine exhaust.**

In 2015 DEQ reported that 80-95% of diesel exhaust is ultra-fine particulate "easily inhaled and left in the lower area of the lungs... capable of entering the bloodstream, allowing them to be circulated to all parts of the body."



Clean Air Task Force in Boston calculated EPA data and State of California risk assessments and found **diesel emissions in Portland cause more than five times as many cancers as all other inhaled carcinogens combined.** California estimates diesel particulate causes 70% of cancer risk from all airborne carcinogens combined.

Diesel powered vehicles are only 6% of vehicles on the road - yet **diesel powered vehicles emit 60-70% of all particulate emissions from all vehicles,** according to Oregon DEQ. The largest unfiltered diesel fleet by far in the Portland area is XPO logistics. Home Depot and Amazon are both considering purchasing this entire fleet. Next worst is USF Reddaway, Penske, TriMet, Safeway, UPS, PGE, Wilson Construction, Ryder, and Waste management respectively.

Nearly all California diesel trucks had diesel particulate filters by 2015. **In the three county Portland area, 3/4 of all diesel trucks are currently unfiltered.** According to the EPA diesel particulate is most concentrated about one mile from the source — which is primarily short-haul, in-city truck routes.

Air pollution near highways is dangerous. A Dutch study of 1,191 children in Holland attending 20 schools near freeways found traffic intensity near schools were significantly associated with chronic respiratory symptoms. Lung function testing of the children found that coughing, runny nose, and asthma were reported far more often for children living within 2.25 city blocks of a freeway, more so for girls than boys.

By their own admission, Oregon DEQ does not currently account for human health to regulate air pollution from industry. Governor Brown has made significant steps to change this by removing corrupt officials who were recently leading the DEQ and Oregon Health Authority. Governor Brown's Cleaner Air Oregon (CAO) is greatly advancing how stack emissions are reported and regulated. However CAO does not address industrial diesel trucks at all.

In 2019 the Oregon legislature passed diesel truck filter legislation with numerous loopholes. For example the bill only affects diesel trucks titled in the three county Portland area allowing dirty diesels to come into the Portland metro area that are titled elsewhere. Even trucks in the three county Portland area are not required to have a diesel particulate filter until 2029.

Inaction by the State of Oregon means **Portland residents must negotiate directly with industry.** NECN is working with Portland Clean Air to help neighbors engage in this citizen action. Citizen action closed the Trojan Nuclear Power Plant and won the \$1.4 B Big Pipe project to protect the Willamette. Citizen action saved Opal Creek, the largest uncut watershed in western Oregon.

## What You Can Do

1. To **read about toxic chemicals on site** for each industry in your neighborhood, you can go online to view our full report at: [necoalition.org/report](http://necoalition.org/report)
2. To **read the DEQ Permit information**, called Air Contaminant Discharge Permits, for neighborhood industries that concern you:
  - a. Go to the map at [portlandcleanair.org](http://portlandcleanair.org)
  - b. Zoom in on your neighborhood
  - c. Click on the industry - sidebar will appear
  - d. Click the link on the bottom of the sidebar
3. If you are concerned about your past exposure to Uroboros, you can also **speak with an attorney**. Contact Dan Matthew Preusch or Dan Mensher at Keller Rohrback Law Office. Phone: (800) 776-6044  
Email: [info@kellerrohrback.com](mailto:info@kellerrohrback.com)
4. It took neighbors 42 years to identify that Bullseye Glass was putting 6,000 pounds of lead, cadmium, arsenic, and chromium into its unfiltered furnace annually - 85% went airborne next to a daycare in inner SE Portland. Now they have a scrubber removing 97% of these emissions because of intervention from their neighbors. In response, Portland Clean Air (PCA) obtained the Portland area air pollution records of nine government agencies. PCA needs **data compilation and analysis volunteers**. Previous science or data experience is welcome, but not required. Volunteers work as much or as little as they desire reading and writing about reports and data about the polluters near their area. This is used as to negotiate with industry.

For more information about polluting industries or unfiltered truck routes near you, or to volunteer, contact:  
[Greg@portlandcleanair.org](mailto:Greg@portlandcleanair.org)

## Volunteer with NECN

There are many opportunities to volunteer with Northeast Coalition of Neighborhoods (NECN).

**Land Use and Transportation Committee (LUTC):** NECN's Land Use and Transportation Committee discusses and takes action on land use and transportation issues in North and Northeast Portland, the city and region, and the state. Current focus areas include the Portland comprehensive plan, residential infill, and inclusionary zoning.



### Northeast Action Teams (NEATS)

NEATS are groups that respond to immediate issues in the community such as community justice, pollution, and pedestrian rights. Topics are driven by community interest.

### Neighborhood Associations

NECN is home to 12 inner North/Northeast Portland neighborhoods. Every neighborhood has its own Neighborhood Association. Neighborhood Associations are volunteer-run organizations that consider and act on a broad range of issues affecting life in their neighborhoods. All are encouraged to participate in their neighborhood associations by attending meetings, bringing up issues and concerns for discussion, and planning projects.

Want to get on a list-serve or volunteer with NECN? Contact Jessica:  
[jessica@necoalition.org](mailto:jessica@necoalition.org) or 503-388-5030

## Volunteer-supported activities:

- **Community Justice Conversation:**  
Hosted conversations between community and leading justice reform advocates in Portland about how to create safe neighborhoods.
- **Summit on the State of Air Toxics:**  
Engaged community on how to respond to cadmium hot spots discovered in the Boise and Eliot neighborhoods.
- **Portland Harbor Superfund:** Provided education around the Portland Harbor Superfund and responded to the Environmental Protection Agencies' proposed cleanup plan.
- **Community Cookout**  
A community gathering to celebrate the neighborhood, as well as to discuss gang violence and the impact on children.

## Northeast Coalition of Neighborhoods

### Background and Mission

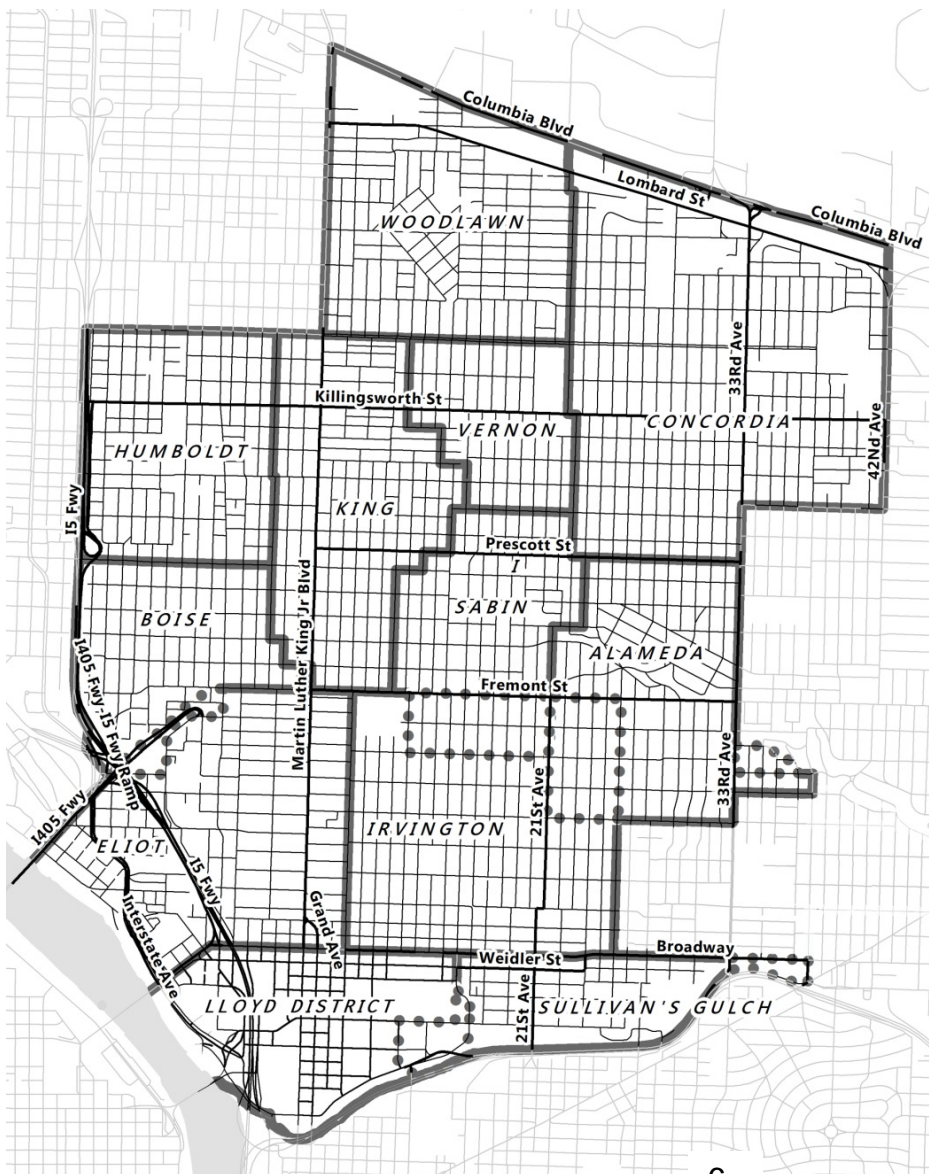
Northeast Coalition of Neighborhoods (NECN), founded in 1975, is an independent 501(C)(3) nonprofit organization. NECN is one of seven neighborhood coalitions in Portland, which are primarily funded by the City's Office of Neighborhood Involvement. NECN identifies and takes on local issues to increase neighborhood livability and promote neighborhoods participation. This is accomplished through inclusive civic engagement and grassroots community building.

### Policy Formation and Skill Building

NECN convenes community committees, run by volunteers, to take up issues and advocate, as well as build knowledge through training, events, and workshops. These groups also serve as a conduit for information sharing between neighborhoods, Portland Bureaus, and nonprofit groups.

### NECN's Service Area

NECN's service area includes neighborhoods in inner North/NE Portland: Alameda, Boise, Concordia, Eliot, Humboldt, Irvington, King, Lloyd District, Sabin, Sullivan's Gulch, Vernon, and Woodlawn. People who live or work in Northeast Portland can get involved directly with NECN and/or through their Neighborhood Association. Every neighborhood has its own Neighborhood Association, and each Neighborhood Association is a member of NECN.



## Works Cited pages 1-3:

**Environmental Protection Agency.** 2018. 2014 National Air Toxics Assessment. Online at: [epa.gov/national-air-toxics-assessment](http://epa.gov/national-air-toxics-assessment)

2018. *Toxics Release Inventory My Right To Know App*. Online at: [myrtk.epa.gov/info/search.jsp](http://myrtk.epa.gov/info/search.jsp)

2018. TRI Basic Data File for Oregon. Online at: [epa.gov/toxics-release-inventory-tri-program/tri-basic-data-files-calendar-years-1987-2016](http://epa.gov/toxics-release-inventory-tri-program/tri-basic-data-files-calendar-years-1987-2016)

2018. Diesel dataset. Online at: [epa.gov/national-air-toxics-assessment/2011-nata-assessment-results](http://epa.gov/national-air-toxics-assessment/2011-nata-assessment-results)

**Office of State Fire Marshall.** 2016. Hazardous Substance Information System. From database received via password, edited, combined. available online at: <http://portlandcleanair.org/2016-04-20-SFM-HSIS-EPA-NEI-data.html>

**Oregon Department of Environmental Quality.** 2016. 2016. Air Contaminant Discharge Permits, Reviews, Annual Reports, Assignments. Scanned in DEQ Office. Online at: [portlandcleanair.org](http://portlandcleanair.org)

**Oregon Department of Motor Vehicles.** 2018. spreadsheet of all OR diesel trucks under 26,000 lbs and all OR personal and government trucks. Obtained by email from information request

**Oregon Department of Transportation.** 2016. spreadsheet of all OR diesel trucks over 26,000 lbs. Obtained by email from information request



**United States Forest Service.** 2016. Elemental Atmospheric Pollution Assessment Via Moss-Based Measurements in Portland, OR. Online at: [fs.fed.us/pnw/pubs/pnw\\_gtr938.pdf](http://fs.fed.us/pnw/pubs/pnw_gtr938.pdf)

## pages 4-5:

**Bourget, Greg.** 2016. Industrial Diesel in Portland. Portland Clean Air. Obtained by email request.

**Brunekreef, Bert et al.** 1997. Air pollution from truck traffic and lung function in children living near motorways. *Epidemiology*. Online at: [ncbi.nlm.nih.gov/pubmed/9115026](http://ncbi.nlm.nih.gov/pubmed/9115026)

**California Air Resources Board.** 2017. Truck and Bus Regulation. Online at: [arb.ca.gov/msprog/onrdiesel/onrdiesel.htm](http://arb.ca.gov/msprog/onrdiesel/onrdiesel.htm)

**Clean Air Task Force.** 2005. Diesel Soot Impacts. Online at: [catf.us/methane/black\\_carbon/diesel/dieselhealth/county.php?c=41051&site=0](http://catf.us/methane/black_carbon/diesel/dieselhealth/county.php?c=41051&site=0)

**Davis, Rob.** 2015. Oregon Becomes Dumping Ground for California's Old Polluting Big Rigs. *The Oregonian*. Online at: [oregonlive.com/environment/index.ssf/2015/01/oregon\\_becomes\\_dumping\\_ground.html](http://oregonlive.com/environment/index.ssf/2015/01/oregon_becomes_dumping_ground.html)

**Department of Environmental Quality.** 2015. The Concerns about Diesel Engine Exhaust. Online at: [oregon.gov/deq/FilterDocs/DieselEffectsReport.pdf](http://oregon.gov/deq/FilterDocs/DieselEffectsReport.pdf)

**Environmental Protection Agency.** 2002. Health Assessment Document for Diesel Engine Exhaust. [epa.gov/ttnatw01/dieselfinal.pdf](http://epa.gov/ttnatw01/dieselfinal.pdf)

2017. Effects of NO2. Online at: [epa.gov/no2-pollution/basic-information-about-no2](http://epa.gov/no2-pollution/basic-information-about-no2)

**Krivoshko, Irina.** 2008. The Toxicity of Diesel Exhaust: Implications for Primary Care. *Journal of the American Board of Family Medicine*. Online at: [jabfm.org/content/21/1/55.full](http://jabfm.org/content/21/1/55.full)

**Law, Steve.** 2014. Diesel = Needless Deaths. *Portland Tribune*. Online at: [portlandtribune.com/sl/210644-65722-diesel-needless-deaths](http://portlandtribune.com/sl/210644-65722-diesel-needless-deaths)

**Mavco, Matthew et al.** 2008. A sub-neighborhood scale land use regression model for predicting NO2. *Science of the Total Environment*. Online at: [sciencedirect.com/science/article/pii/S0048969708001460](http://sciencedirect.com/science/article/pii/S0048969708001460)

**Oregon Department of Transportation.** 2017. Truck Flow. Online at: [gis.odot.state.or.us/TransGIS/](http://gis.odot.state.or.us/TransGIS/)

**Portland Bureau of Transportation.** 2007 - 2017. 24 Hour Trucks Counts of Portland dataset. Received by email in response to information request.