
Detroit Community Air Quality Workgroup: Feature Projects

Join Our Bi-monthly Workgroup Meetings!

Wednesdays, 2-3pm

Next Meeting: October 2026

Reach out to Makala Conner at makala.conner@detroitmi.gov for more info.



**RISE
HIGHER**
MAYOR MARY SHEFFIELD

Detroit Hamtramck Coalition for Advancing Healthy Environments

Vision: Healthy and clean air, land, and water in Detroit and Hamtramck neighborhoods and communities

Mission: We are a Coalition defending our neighborhoods for the advancement of a healthy environment.

***We serve the 68,000
residents of Detroit zip
codes 48211, 48212, and
48213.***



For more info, contact
dhcoalition.board@proton.me

- **Project:** Community Environmental Health Impact Assessment
- **Status:** Ongoing (June 1 – September 2026)



Proposed Outcome:

- Identify 8 local hotspots for mitigation of poor air quality, to improve resident health.
- Advocate for improved policy in permitting, considering cumulative health impacts.

EastSideEnvironmental.org

- Public-records tracking of 14 Industrial Sites with existing violations that wrap around the east side.
- Detailed analysis and contact information for elected officials and regulators who have Power Over Pollution on the east side.
- News, Public Education and Organizing toward improved air quality on the east side.



For more info contact
Eden Bloom
edenbloom2023@gmail.com

- **Project:** Monitoring of Aevitas Specialty Services (Daymax) potential reopening and expansion.
 - The purpose of the project is to establish a baseline reading of air quality around the site, document air quality during demolition, potential construction and operations if they are permitted to reopen.
- **Status:** Planning
- **Intended Outcomes:**
 - Establish responsive monitoring near the site to be able to determine if they reopen and fall into patterns of serial violation again.
 - Increase awareness of industrial sites with violations in neighborhoods where they operate, sometimes without community knowledge.

Ecology Center

- **Mission:** Fighting for a just and healthy future for people and the planet
- **Population of Focus:** We work in Southeast Michigan, where we were founded and have grown deep roots. To protect and advocate for community health, and to address the systemic nature of environmental injustice, we must also work at the state and national levels.
- **Key Stakeholders:** We work within a broad network of coalition partners, organizers, and activists alongside labor unions and health, education, and science professionals. Our campaigns engage with media, policymakers, and industry. When we campaign collectively across local, state, and national regions, we can scale our impact.



For more info, contact
salamb@ecocenter.org

- **Project:** DIY Air Filter Workshops

- **Description**

- Teach community members about air quality, its impacts on health, and how to mitigate poor air quality days by constructing a Do-It-Yourself indoor air purifier using affordable and accessible materials such as a box fan and furnace filter.

- **Status:** In Progress

- **Intended Outcomes**

- We hope to accomplish...
- Increased education and awareness of air quality and its impacts on health
- Advocate for policies that protect overburdened communities
- Uplift voices of those most impacted by environmental harms in marginalized communities.



Michigan Department of Environment, Great Lakes, and Energy- Air Quality Division (AQD)

- AQD monitors air pollutants, enforces regulations, and works with communities to improve air quality
- **AQD serves Michigan communities by working with**
 - Environmental advocates
 - Federal, state, local, and tribal governments
 - Residents
 - Those who must comply with rules and regulations.



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

New Air Monitoring Sites in Detroit

- The purpose of this work is to assess the public's exposure to air pollutants
- **Status:**
 - Dorais Park
 - The agreement between the City of Detroit and EGLE is finalized
 - Waiting on DTE for power
 - Conner St
 - Located at the Capuchin Soup Kitchen on Conner St.
 - Waiting on DTE for power
- **We hope to:**
 - Provide additional air monitoring coverage in Detroit with the new Conner Street and Dorais Park sites
 - Each site will monitor for continuous PM_{2.5}, volatile organic compounds, and carbonyls
 - The Dorais Park site will also monitor for Black Carbon, metals, and weather data

Michigan Department of Environment, Great Lakes, and Energy- Air Quality Division (AQD)

- **Mission:** Expand AQD regulatory air monitoring and sensor network as well as data accessibility to the public
- **Population:** East side of Detroit
- **Key Stakeholders:** Citizens of Detroit and EGLE



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

EGLE New Air Sensor Locations in Detroit

- In addition to the two pending regulatory sites at Dorais Park and Capuchin Soup Kitchen (Conner St), EGLE is installing two ModulAir PM devices: hoping to place one near St Cyril and Georgia and one on Mt Elliott
- **Status:** In Progress

EGLE MiAir Dashboard

- Will incorporate sensor data with regulatory site data
- Will incorporate sensors of varying makes into the dashboard
- **Status:** In Progress

Wayne County Health, Human, and Veterans Services

- **Mission:** The Wayne County Department of Health, Human and Veterans Services (HHVS) promotes health and enhances the wellbeing of all Wayne County residents through programs, policies, and partnerships that **address gaps in access and opportunity for health across all stages of life.**
- **Population of Focus:** All Wayne County Residents
- **Key Stakeholders:** Interdepartmental Groups, Philanthropic Organizations, Government entities, Legislative Bodies, and Wayne County Residents

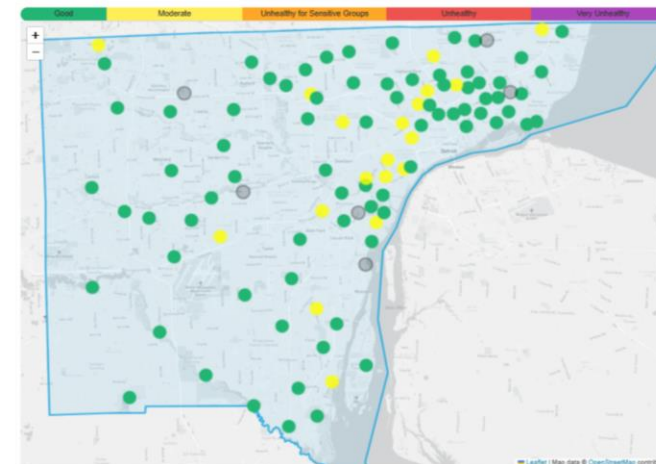


Health, Human & Veterans Services

For more information contact Jenna Chami at jchami@waynecountymi.gov

Wayne Air Quality Monitoring Network

- **Project:** Wayne County's 101 fixed air quality monitor network in partnership with JustAir provides continuous, neighborhood-level data on pollutants across Wayne County. These monitors deliver real-time insights into local air conditions, identify disparities in exposure, and supply reliable data to inform public health initiatives, environmental policy, and community engagement efforts.
- **Status:** Completed placement of 101 Air Quality monitors across the county
- **Intended Outcomes**
 - Air Quality data collection through the fixed Air Quality monitors
 - Real time Air Quality alerts to Wayne County residents
 - Distribution of 500 mobile Air Quality monitors



Scan for more info!

Green Door Initiative

Our mission is to ensure that everyone is **environmentally literate**, capable of promoting and living out a **sustainable lifestyle** regardless of race, income and zip code.

We aim to achieve **environmental and economic justice**, and to ensure that residents and justice involved citizens are empowered and equipped to **live healthy, sustainable lives** fully participating in the **green economy**



For more info, contact
morgan@greendoorinitiative.org

Managing Detroit's Air for Environmental Justice

The project leverages existing air quality monitoring expertise in Detroit to expand and continue to maintain a network of community-based air sensors. The project includes workforce trainings, an advocacy academy, and air quality workshops that ensures residents understand how to interpret and act on the data, and are prepared to train others after the conclusion of the grant period

Status: In Progress

Intended Outcomes

- Strengthen local partnerships.
- Enhance understanding of the local air pollution landscape.
- Increase community knowledge, reduced exposure rates, and better, more equitable health outcomes.

Hubbard Richard Residents Association and Mexicantown CDC



Clean Air - Healthy Homes Greener Communities

Project: to address air pollution and environmental health disparities in Detroit's - Hubbard Richard neighborhood

Status: In Progress

- Two black carbon monitors to track emissions
- Home air filtration units to affected residents
- Environmental assessments on the former Greyhound Bus depot land
- A neighborhood tree replanting program

Contact: raymond.lozano@mexicantowncdc.org
sam.e.butler@gmail.com

Southwest Detroit Community Benefits Coalition (SWDCBC)

- Our mission is to secure community benefits and provide critical mitigation and support for residents most impacted by the **Gordie Howe International Bridge (GHIB)**
- GHIB Impact Area in SW/ Delray Detroit
- Key Stakeholders: Residents, community organizations, government agencies, universities & researchers



For more info, email
swdetroitcbc@gmail.com
or text 313-451-4118

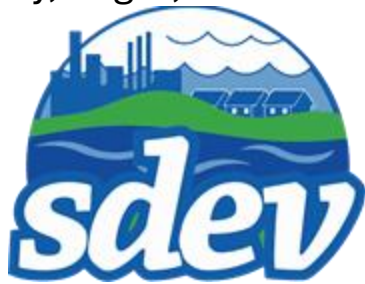
Gordie Howe International Bridge (GHIB) Air Quality Monitoring

In partnership with SWDCBC, Det Health Dept, UM School of Public Health, EGLE, & SW Detroit Residents

- **Project:** Monitoring air quality before, during, and after GHIB construction to assess air quality impacts from construction and increased truck traffic
- **3 Types of Air Monitoring**
 - Newer EGLE State Stations (+ Black Carbon)
 - Resident Homes (Indoor and Outdoor)
 - Mobile Monitoring (Van) - gathering 48209-48217
- **Status:** In Progress
- **Intended Outcomes**
 - Show “hot spots” and exposures near truck traffic
 - Air pollution trends over time, and Health data connection
 - Effects of known and “unknown” pollution sources
 - Use of data in advocacy for protections

Southwest Detroit Environmental Vision (SDEV)

- SDEV is a community based 501(c)(3) nonprofit organization. Our mission is to improve the environment and strengthen the economy in Southwest Detroit and the region.
- We work in coalition with residents, community organizations, schools, businesses, industry, and government agencies to eliminate pollution-related health impacts, support green economic development, and improve the quality of life for residents.
- Through our programs, advocacy work, and community education, we address air & water quality, blight, and incompatible land use.



For more info, contact sarahh@sdevweb.org
or visit sdevweb.org

SDEV's Clean Diesel Program

Since 2009, SDEV'S Clean Diesel program has been reducing diesel pollution in SW Detroit and surrounding areas through partnerships with local businesses, industry, and government agencies. Our projects include replacing old high-polluting diesel trucks, boat engines, school buses, and refrigeration units with new clean diesel, electric, and alternative fuel models.



- **Status:** Ongoing
- Completed projects have...
 - **5,000+ Tons of Air Pollution Eliminated Annually:** We've significantly reduced local air toxins (including dust, exhaust, and smog-forming emissions)—the equivalent of taking over 1,000 cars off local roads every year.
 - **450+ Engines Modernized:** Upgraded and replaced over 450 older diesel engines with cleaner-burning equipment.
 - **Advanced Clean Tech Deployment:** Upgraded modern infrastructure and integrated sustainable technology to protect long-term air quality.



SDEV was awarded the 2012 Leadership Award from the EPA Midwest Clean Diesel Initiative for our commitment to improving air quality. That commitment has continued into 2026, as we work to complete our ninth EPA Diesel Emissions Reduction Grant.



- Detroit Impact in 2025: 2000+ AQI alerts sent to Detroit residents
- Partner Led Clean Air Actions:
 - Greening industrial practices at Detroit's ports
 - AQI Light in East Canfield
 - Pocket Forest Funding in Corktown
 - Powering the city's resident led trucking table
 - Air filter workshops and distributions
 - Place based air quality education programs

Partners





We are a coalition of concerned residents, community groups, and environmental justice organizations working to protect Michiganders health by working for everyone's right to a clean, safe, healthy environment.

Our goal is to build a stronger movement to protect clean air, promote environmental justice, build collaboration on air quality issues, and advance policies that protect clean air and public health in Southeast Michigan and across the state.

Contact: Ellen Vial
ellen@environmentalcouncil.org

Clear the Air Cumulative Impact Workgroup

The purpose of this work group is to advance cumulative impact policies on a state level, through building broad awareness of the need for policy change, and support for regulatory/administrative or legislative changes that better protect overburdened communities. Our 3 policy priorities are:

- Wildfire smoke
- Cumulative impacts in state air quality permitting
- Reducing truck emissions

Status: Planning

Intended Outcomes (respectively):

- Limit the State's use of the exceptional event loophole and health protections for high smoke days
- Re-introduce, pass cumulative impacts legislation in 2027
- Pursue indirect source rule
- Public education campaigns

**We appreciate your continued
partnership and engagement in the
Detroit Community Air Quality
Workgroup!**

Thank you!



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