

SATURDAY  
MAY  
20<sup>TH</sup>

10:30 AM

# RESILIENCE TO RESTORATION COMMUNITY MEETING

CITIZENS AND COMMUNITY ORGANIZATIONS ARE WELCOME

## LOCATION:

Beardall Senior Neighborhood Center  
800 South Delaney Avenue | Orlando, FL 32801

## TOPICS OF DISCUSSION

EPA Air Quality Monitoring Planning Session  
Resilience & Restoration Community Input  
Hurricane & Disaster Preparation  
Learning from Hurricane Ian  
Justice 40 Equity Projects



## SPECIAL GUEST

**Rev. Michael Malcom, MDiv, MBA**  
Founder and Executive Director of  
The People's Justice Council and  
Alabama Interfaith Power and Light

## EPA AIR QUALITY MONITORING GRANT PARTNERS



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*EPA ARP Community Monitoring Grant  
#5X02D45423*

Welcome

# EPA Enhanced Air Quality Monitoring

*EPA ARP Community Monitoring Grant #5X02D45423*





# 2023 Ambient Air Monitoring Network Plan

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## Office of Air Monitoring Quick Links

[Clean Air FL](#)

[Portable Air Pollution  
Sensors](#)

[Draft 2023 Ambient Air  
Monitoring Network Plan](#)

[2022 Ambient Air  
Monitoring Network Plan](#)

**Document:**  [Draft 2023 Annual Network Plan](#)

**Document Type:** Monitoring Plan

**Author Name:** Office of Air Monitoring

### Draft 2023 Florida Ambient air Monitoring Network Plan

The Annual Ambient Air Monitoring Network Plan describes the network of ambient air quality monitors located within Florida. The plan includes a review of actions taken during the previous fiscal year and outlines plans for the year ahead.

Federal regulations require that the air quality monitoring network be reviewed annually to identify any need for additions, relocations, or terminations of monitoring sites or instrumentation. The plan is submitted to the U.S. Environmental Protection Agency for review and

## Florida Department of Environmental Protection



### 2023 Annual Ambient Air Monitoring Network Plan

Division of Air Resource Management  
Florida Department of Environmental Protection  
April 2023

Florida Department of Environmental Protection  
Division of Air Resource Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
[www.floridadep.gov](http://www.floridadep.gov)

**Table 3.3 Enhanced Air Quality Monitoring Direct Awards to the Florida PQAO**

Grant Recipient	Amount Awarded	Purpose
Florida DEP	\$176,500	<ul style="list-style-type: none"> <li>Enhanced Continuous PM2.5 monitoring</li> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Broward County	\$149,250	<ul style="list-style-type: none"> <li>New Site (Western Broward County, FL)</li> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
City of Jacksonville	\$74,600	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Hillsborough County	\$80,000	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Manatee County	\$26,000	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Miami-Dade County	\$180,500	<ul style="list-style-type: none"> <li>Enhanced Continuous PM2.5 monitoring</li> <li>New Site (Miami, FL)</li> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Orange County	\$44,382	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Florida Department of Health Palm Beach County	\$26,500	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Pinellas County	\$100,300	<ul style="list-style-type: none"> <li>New Site (St. Petersburg, FL)</li> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>
Sarasota County	\$60,000	<ul style="list-style-type: none"> <li>Other NAAQS Pollutant Investments to Upgrade Equipment at Existing Sites</li> </ul>

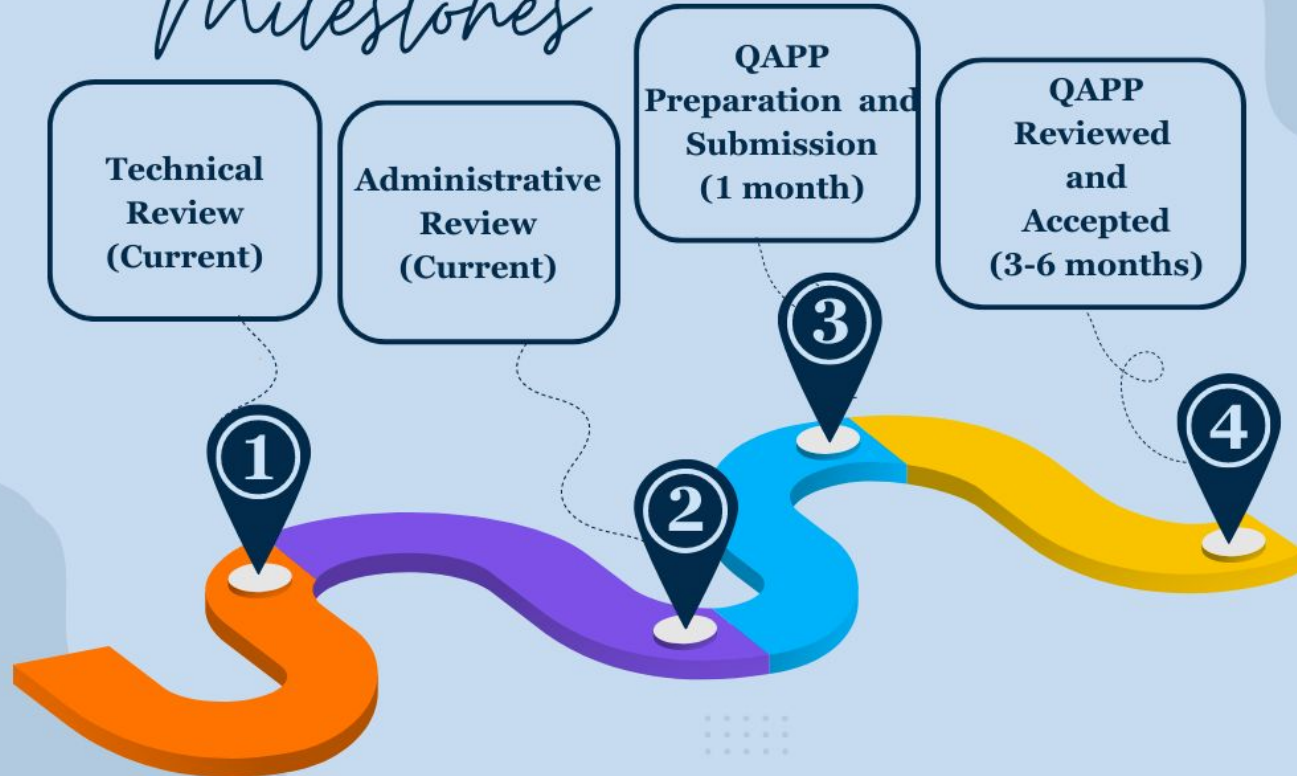
**Table 3.4 Competitive Grant Selected Applicants for Enhanced Air Quality Monitoring within Florida**

<b>Primary Applicant</b>	<b>Proposed EPA Funding</b>	<b>Project Description</b>
Hillsborough County Metropolitan Planning Organization	\$389,875	Recipient will create an air quality monitoring network along I-275 and I-4 focusing on communities of concern to provide data-based information for future project planning. The project will measure known health-impacting air pollutants from vehicular traffic with the intent for community members and school children to learn, participate and help report about localized air quality.
Miami -Dade County/Solid Waste Management	\$499,988	Recipient will expand and strengthen partnerships, engage community members in design and performance assessment of a new clean air community partnership program, What's your 305 Air Quality?, to ensure that environmental justice communities are included to help guide equitable and effective air quality mitigation actions.
National Coalition of 100 Black Women - Central Florida Chapter, Inc.	\$440,000	Recipient will create a Community Air Quality Advisory Council (Council) comprised of representatives from underserved communities in Orange County, FL that is informed by Community Science Air Quality Monitoring. Recipient will create a monitoring network in underserved communities and will provide technical and policy support to council participants.



# PRE-PROJECT

## *Milestones*





# PROJECT

## *Milestones*

### **Trainings**

- > Air Quality
- > AQ and Health
- > Monitors
- > Data

### **Community AQ Advisory Council**

- > Expert Consultation
- > Representation
- > Council Formation

### **Reporting**

- > From Community Science to Council
- > Reports to Local Government

### **Improvements**

- > Review of Data
- > Recommended Improvements
- > Implement Improvements





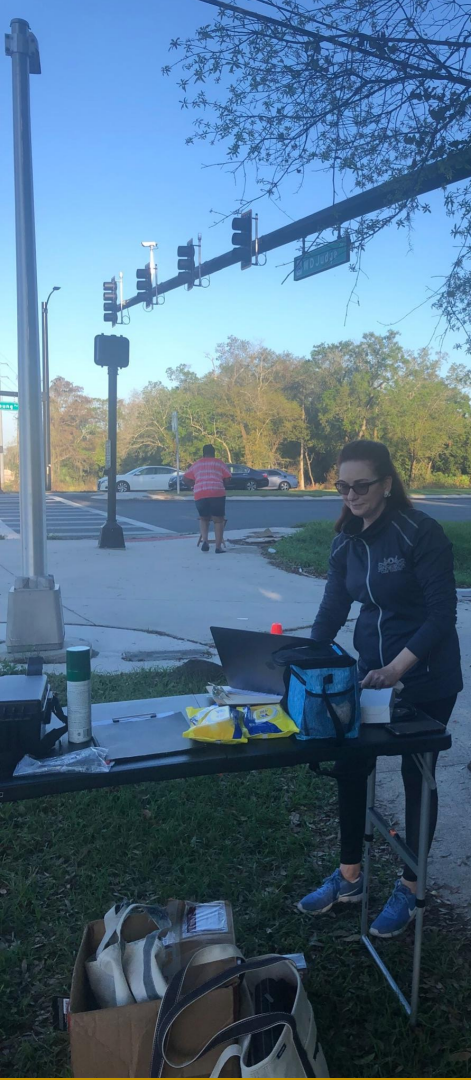


# Handheld Monitors

## Portable Aeroqual 500 series air quality monitors







Date: \_\_\_\_\_

Name(s) of People Providing Information:

Monitoring Team:

- Change for the Community
- Christ the King Episcopal Church
- Community Equity Project
- First Unitarian Church of Orlando Green Team
- Iglesia Episcopal Jesús de Nazaret
- Inner City Neighborhood Association
- Orlando Freedom Fighters
- Pine Hills Partnership, Inc.
- Washington Shores Neighborhood Association
- West Side Alliance
- Other \_\_\_\_\_

Please identify your air pollution concern by checking all boxes that apply:

- We want air monitoring in our community
- Bus traffic
- Car or small truck traffic
- Large truck traffic
- Diesel truck traffic
- Executive Airport Air Traffic
- Other \_\_\_\_\_



Verify  
your  
Pollution  
Concern

Where  
will you  
Monitor?

Is there a secure location within your community to locate a monitor with a solar panel for 6 months?

#### Logistical Considerations for Finding a Place to Locate Air Sensors

<b>GENERAL LOCATION</b> Considering the purpose of the measurements, where should the site be located?"	<b>SECURITY</b> Ensure that the sensor is secure and protected from vandalism or theft and that site operators can remain safe.
<b>ACCESS</b> Determine the requirements (permissions, keys, etc.) to visit the site to install/service the sensor(s).	<b>PLACEMENT</b> In general, place the sensor at least 6 feet above ground level, rooftop, or other objects and away from obstructions, vegetation, or emission sources that would interfere with the measurement.
<b>POWER</b> Determine requirements and establish power early.	<b>PHOTOS</b> Take photos of the sensor installation and area around the site.
<b>COMMUNICATIONS</b> Ensure reliable communications (cellular, Wi-Fi, etc.) before installation.	<b>DOCUMENTATION</b> Record information about the site, including latitude, longitude, elevation, nearby obstacles, date of installation, etc.

Learn more at: <https://www.epa.gov/air-sensor-toolbox>

Please describe a location or locations that you feel should be considered for monitoring in your community and **mark it/them with a colored label on the map.**







<b>South Apopka</b>	<b>32703</b>	<b>Orlando Freedom Fighters</b>
<b>Eatonville</b>	<b>32751</b>	<b>Orlando Freedom Fighters</b>
Callahan, Holden-Parramore, <b>Magnolia Towers</b>	<b>32801</b>	<b>Iglesia Episcopal de Jesús de Nazaret</b> , Community Equity Project, Inner City Neighborhood Association
<b>Colonialtown South</b>	<b>32803</b>	<b>First Unitarian Universalist Church of Orlando</b>
Callahan, <b>Holden-Parramore</b> , Holden Heights, Washington Shores, West Colonial	32805	<b>Community Equity Project</b> , Change for the Community, Inner City Neighborhood Association, Washington Shores Neighborhood
<b>Azalea Park</b>	<b>32807</b>	<b>Christ the King Episcopal Church</b>
Pine Hills, Orlo Vista, Mercy Drive	32808	Community Equity Project, Change for the Community, Inner City Neighborhood Association, Inner City Neighborhood Association, Pine Hills Partnership
Washington Shores, Richmond Heights, Carver Shores	32811	Community Equity Project, Change for the Community, Inner City Neighborhood Association, Washington Shores Neighborhood
<b>Englewood, Dover Shores</b>	<b>32812</b>	<b>Iglesia Episcopal de Jesús de Nazaret</b>
Pine Hills, Orlo Vista	32818	Change for the Community, Pine Hills Partnership
Oak Ridge, Tangelo Park	32819	Community Equity Project, Orlando Freedom Fighters
Holden Heights, Oak Ridge, Pine Castle	32839	Community Equity Project

Lunch





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