# Table 1 - DRAFT Recommended Actions for MWAQC EJ Air Quality Action Plan

| Strategy | Recommended Actions | Detail and Considerations | Action Owner | Implementation Timeframe [Short-term / Long-Term] | Priority [L / M / H] | Existing COG or MWAQC Policy? | Existing State Policy? | Budgeted? | Improvement to Air Quality [L / M / H] | Improvement to Disadvantaged Communities [L / M / H] | Implementation Feasibility [L / M / H] | Enforcability [L / M / H] | Economic Feasibility [L / M / H] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Foster Stronger Partnerships | Partner with health departments | -Study correlations between health impacts and poor air quality -Combine efforts between the health departments and advocacy groups to educate on impacts of poor air quality | State Air Agencies, Local Governments | Short-term | | No | | No | L | H | H | L | M |
| Foster Stronger Partnerships | Foster expanded partnerships on hyper-local air monitoring | Expand hyper-local monitoring partnerships | State Air Agencies, Local Governments, Universities, Non-profits, Other Partners | Short-term | | Yes | | Yes | L | M | H | L | H |
| Improve Air Quality Monitoring | Develop a Community Monitoring Support Center | May require funding or new partnership | New Partnership? | Short-term | | No | | No | L | H | H | L | H |
| Improve Air Quality Monitoring | Develop guide for hyper-local monitoring | - Consider EPA's existing resources (https://www.epa.gov/participatory-science) | MWAQC Staff can create a resource guide to post on-line. | Short-term | | No | | No | L | H | H | L | H |
| Improve Air Quality Monitoring | Deploy hyper-local air quality monitors. | - Air monitoring could be focused in Environmental Justice (EJ) areas for criterial pollutants that exceed NAAQS and/or for pollutants that do not exceed NAAQS (i.e. black carbon) - Develop method to select EJ Areas and deploy air quality monitors; develop quality control plan - Obtain federal funding for hyper-local air quality monitoring program and staffing | State or Local Governments, Citizens, Schools, Other Organizations | Short-term | | No | Partial | No | L | H | M | L | M |
| Improve Air Quality Monitoring | Deploy community monitoring networks | Already being done, how expand | MWCOG, MWAQC, States, and/or locals partner, including with academic institutions and foundations | Short-term | | No | Partial | No | L | H | M | L | M |
| Improve Air Quality Monitoring | Deploy mobile air quality monitors to get better resolution on hot spots | Already being done, how expand | State or Local Governments, Universities | Short-term | | No | Partial | | L | H | M | L | M |
| Improve Air Quality Regulation | Develop new local voluntary bundle measures | - Develop groups of optional air quality control strategies to meet specific pollution reduction targets as part of the State Implementation Plan (SIP) - Voluntary Bundle only applicable for Attainment SIP? | Local Governments, MWAQC, State Air Agencies | Short-term | | ? | ? | | L | L | L | L | H |
| Improve Air Quality Regulation | Evaluate non-NAAQS air pollutants | Consider how to address air pollutants that are not on the NAAQS list | MWAQC and State Air Agencies | Short-term | | ? | ? | | M | H | M | L | H |
| Improve Air Quality Regulation | Incorporate EJ in State Implementation Plans | Consider how to include EJ considerations in Attainment or Maintenance SIPs | State Air Agencies | Short-term | | No | ? | No | L | H | M | M | H |
| Increase Public Outreach and Education | Facilitate Knowledge Sharing of Success Stories | Invite groups to share their approach, including Cheverly, DC EJ Coalition, DC Asthma Coalition, Empower DC, UMD Center for Community Engagement, Campaign to reduce lead exposure and asthma. | Local Communities | Short-term | | Yes | Partial | Yes | M | H | H | H | M |
| Increase Public Outreach and Education | Increase Public Outreach and Education on Air Quality | - Emphasize education about the sources of air pollution - Consider a youth-centered education program on air quality and its impacts - Leverage experts in national media to breakdown complex issues | Local Communities | Short-term | | Partial | Partial | | M | H | H | L | M |
| Increase Public Outreach and Education | Develop guide for local emission inventory | Provide technical support to local groups wishing to conduct local emission inventories | MWAQC Staff, State Air Agencies, Local government | Short-term | | No | ? | | L | M | H | L | H |
| Increase Public Outreach and Education | Develop background memo on air monitoring technology and uses | Completed, keep up to date | MWAQC | Short-term | | Yes | | Yes | L | M | H | L | H |
| Increase Public Outreach and Education | Educate the Public on Data Center Control Measures | Acquire increased transparency from data centers about their efforts to implement clean energy solutions | Local and Industry | Long-term | | | | | L | M | L | L | H |
| Promote Land Use Planning in Support of Air Quality Improvement | Evaluate how to address local land use zoning for new and existing pollutions sources.Address non-conforming use or permit issues | - Coordinate with local governments - Engage with the Planning Directors and Sustainability Directors | Local Government | Long-term | | Partial | | N/A | H | H | L | L | M |
| Promote Land Use Planning in Support of Air Quality Improvement | Limit highway expansion projects in areas disproportionally impacted by poor air quality, consider how to address existing roadways | Seek federal grants to address existing roadway impacts on communities | State and Local Governments | Long-term | | | | | H | H | M | L | L |
| Promote Land Use Planning in Support of Air Quality Improvement | Decrease the amount of impervious surfaces to reduce heat islands and air pollutant concentrations | -Increase tree canopy | State and Local Government, Community Organizations | Long-term | | Yes | Partial | | M | H | M | M | M |
| Reduce Emissions from Stationary Sources (Commercial & Industrial Facility) | Adopt and implement enhanced enforcement of sources of pollution | - Focus enforcement in marginalized areas - Narrow down enforcement method by sector | State Government, Partnership | Short-term and Long-term | | | Partial | | H | H | L | H | M |
| Reduce Emissions from Stationary Sources (Commercial & Industrial Facility) | Increase Jurisdictional Control | - Increase advocacy at the state and local levels to acquire more control despite Dillon's Rule -Target ability to affect stricter building codes and air quality initiatives | State and Local Governments | Long-term | | | | | M | H | L | M | M |
| Reduce Emissions from Stationary Sources (Commercial & Industrial Facility) | Adopt Rule to Require Additional Controls at Stationary Point Sources | - Focus enforcement in marginalized areas and/or high impact residential areas | State Air Agencies | Short-term and Long-term | | | Partial | | H | H | L | H | M |
| Reduce Emissions from Stationary Sources (Commercial & Industrial Facility) | Reduce Air Pollution from Data Center Generators | Address public health concerns related to air quality and diesel backup generators used at data centers | State and Local Governments | Short-term and Long-term | | | | | M | H | L | L | M |
| Reduce Vehicle Emissions | Reduce Idling of Heavy Duty Vehicles | - Consider creation of no-idling zones - Combine with fleet electrification '- Enhanced enforcement | State and Local Governments | Short-term and Long-term | | | Partial | | H | H | L | M | M |
| Reduce Vehicle Emissions | Retrofit Diesel Vehicles | - Consider focus on public fleets servicing maginalized high impact areas - Apply for DERA Grants | Clean Cities, COG, Local Governments, State Agencies | Short-term and Long-term | | Yes | | | H | H | M | L | H |
| Reduce Vehicle Emissions | Transition Fleets to Zero-Emission Vehicles | Convert fleets (bus and publicly owned) to zero emission electric models to reduce air pollution | Clean Cities, COG, Local Governments, State Agencies | Short-term and Long-term | | Partial | | | H | H | M | M | M |
| Reduce Vehicle Emissions | Promote Public Transportation | Increase greener public transportation options to reduce greenhouse gas emissions and improve air quality | State and Local Governments, Transit Agencies | Short-term and Long-term | | Yes | | | H | M | M | M | M |
| Reduce Vehicle Emissions | Reduce Vehicle Miles Traveled for Public Transportation | Use smaller buses for routes that are less frequented to limit unnecessary emissions | State and Local Governments, Transit Agencies | Long-term | | | | | M | M | M | M | M |