

# CECAP IMPLEMENTATION WORK PLAN FISCAL YEAR 2024-2025



*Photo by Freddie Ortiz: DCAMP Air Quality Sensor at Jopy Mommas Farm*

By Office of Environmental Quality & Sustainability  
with Environmental Commission  
and Leading Environmental Actions Forward



# Comprehensive Environmental and Climate Action Plan Fiscal Year 2024-2025 Implementation Work Plan

## I. Introduction

This Implementation Work Plan (IWP) provides an overview of efforts planned under the Comprehensive Environmental and Climate Action Plan (CECAP), during the Fiscal Year 2024-2025 (FY25). With equity and inclusion as core values, the CECAP proposes solutions that will improve our natural environment, our educational and economic outcomes, the affordability of our housing stock, and our transportation systems. The IWP outlines continued efforts that collectively maintain the City of Dallas as a leader in reducing emissions and sets the path forward towards addressing climate and environmental risk with effective, equitable, and common-sense solutions.

Building on the success of the previous years, the fifth year of CECAP implementation continues with 179 milestones and 74 actions led by 16 participating City departments.

## II. Adaptive Management

The CECAP commits to regular review of performance towards meeting the emissions reduction goals set forth in the 2015 Paris Agreement, per the U.S. Climate Mayors commitment. This review is based on performing regular updates to the greenhouse gas (GHG) inventory and assessment of data trends towards emission reductions. The CECAP plan that was released in April 2020, included a 2050 carbon neutrality target and an intermediate 2030 target to reduce emissions 43% below 2015 levels.

The primary output of the most recent inventory demonstrated community-wide total GHG emissions and removals in 2019 were 18,146,261 MT CO<sub>2</sub>e, which represents a -11% change from 2015. Despite a population growth of roughly 5% during this time, the community-wide emissions also decreased on a per capita basis to 14.2 MT CO<sub>2</sub>e per capita in 2019 (-10% from 2015). With these results from the current 2019 inventory of GHG emissions, Dallas has already achieved an 11% reduction compared to the 2015 year referenced in the CECAP.

The CECAP's baseline inventory was completed using the International Local Governments for Sustainability (ICLEI) methodology based on data from the 2015 calendar year. The CECAP anticipates an update to the GHG inventory at least every three years. OEQS staff plan to conduct a GHG emissions inventory consistent with the ICLEI methodology in FY25.

Throughout the development of the FY25 CECAP IWP, OEQS began an assessment to evaluate the efficiency and productivity of each milestone. We anticipate using our assessment findings to update the CECAP and determine priority actions to meet Dallas' GHG reduction goals.

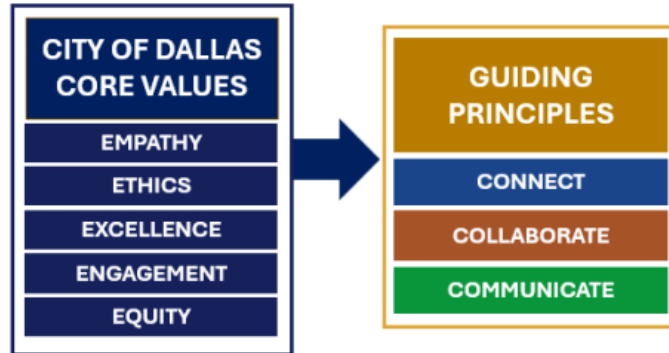
## III. Year Five Focus Areas: Connect, Collaborate, and Communicate

This fiscal year, Interim City Manager Kimberly Tolbert has emphasized Dallas' values – Empathy, Ethics, Excellence, Engagement and Equity – anchored by three principles, Connect, Collaborate, and Communicate.

**Connecting** with stakeholders opens an opportunity to unite community members, businesses, and local organizations to create a cohesive effort towards reducing greenhouse gas emissions and improving quality



of life in Dallas. **Collaboration** is a cornerstone of the CECAP, encouraging partnerships across sectors including government, private enterprises, non-profits, and academia. By leveraging diverse expertise, this multi-faceted approach not only enhances resource utilization but also fosters innovative solution to making Dallas a climate resilient City. Effective **communication** is crucial for the plan’s success. Public awareness campaigns educate the community about the environment and climate and promote sustainable practices. Transparency is also emphasized, with regular updates on CECAP progress and achievements to maintain trust with Dallas residents.



*Figure 1: Tying it All Together: Rooted in our City of Dallas Core Values, led by three Guiding Principles to Connect, Collaborate, and Communicate, we are fueling our reimagined Foundational Structure, and mobilizing our entire team to deliver on our commitment to Service First with the urgency of Now. (Source: FY25 Annual Budget Summary)*

**IV. FY24-25 Actions and Milestones**

The FY25 Implementation Work Plan builds on the foundation set in the first four years of implementation. This section provides a list of each of the 179 milestones scheduled for implementation in FY25 and includes activation of 74 CECAP actions. Milestones will be completed through the combined efforts of 16 City departments, including:

- |   |   |
|---|---|
| Aviation (AVI)                              | Housing & Neighborhood Revitalization (HOU)               |
| Bond & Construction Management (BCM)        | Office of Arts and Culture (OAC)                          |
| Code Compliance (CCS)                       | Office of Environmental Quality and Sustainability (OEQS) |
| Convention & Event Services (CES)           | Park and Recreation (PKR)                                 |
| Dallas Water Utilities (DWU)                | Planning and Development (PDV)                            |
| Office of Economic Development (ECO)        | Procurement Services (POM)                                |
| Equipment & Fleet Management (EFM)          | Sanitation Services (SAN)                                 |
| Facilities and Real Estate Management (FRM) | Transportation and Public Works (TPW)                     |

Each department will be responsible for tracking and quarterly reporting on its assigned milestones.



**GOAL 1: DALLAS’ BUILDINGS ARE ENERGY- EFFICIENT AND CLIMATE RESILIENT.**

*Why it matters?* Homes and places of work can be protected from the impacts of climate change through structural and operational improvements. Energy efficiency improvements to existing residential and nonresidential buildings and appliances can reduce overall emissions and utility bills. Ensuring that all new construction is built in an energy efficient way will reduce future ‘carbon lock-in’ in the building stock.

Total actions underway: 11

Total milestones: 19

**Table 1: FY24-25 Goal 1 Buildings Actions and Milestones**

| Action   | Dept | Milestone  |
|--|------|--|
| <b>B1: Demonstrate leadership in developing a carbon neutrality plan for municipal operations.</b>   |      |  |
| B1   | OEQS | Update OEQS Website to support greater reach for outreach and engagement   |
| B1   | OEQS | Continue to work with City departments to incorporate CECAP efforts into EMS Objectives and Targets  |
| B1   | OEQS | Plan and hold Annual North Texas Climate Symposium   |
| B1   | OEQS | Plan and implement multi-sector, multi-media, multi-target outreach and engagement program for businesses, education, and community stakeholders   |
| <b>B2: Achieve Level 3+ Airport Carbon Accreditation at Love Field for carbon neutral operations and maintain accreditation for DFW and pursue for Dallas Executive Airport.</b> |      |  |
| B2   | AVI  | After achieving Level 4 Airport Carbon Accreditation, define long-term carbon management strategy towards emissions reductions   |
| B2   | AVI  | Optimize existing infrastructure at Dallas Love Field to ensure that Underground Storage Tanks at the airport containing fuels meet current airport standards  |
| <b>B3: Develop clear and comprehensive educational program for building owners and tenants about existing energy efficiency programs.</b>  |      |  |
| B3   | OEQS | Continuously update the Whole Home Dallas resource hub to provide tenants and homeowners information on how to reduce energy use and utility bills   |
| B3   | HOU  | Conduct workshops for building owners and real estate professionals to convey benefits of energy efficiency programs   |
| <b>B4: Implement a citywide building weatherization program through partnership with community organizations.</b>  |      |  |
| B4   | OEQS | Continue Whole Home Dallas Weatherization Campaign, and provide ongoing environment and sustainability targeted outreach and education, to raise awareness of benefits of home weatherization upgrades |
| B4   | OEQS | Continue the Green Warriors Project by collaborating with UTA to collect energy usage data and quantify anticipated wasted energy reductions.  |
| <b>B5: Identify new financing mechanisms to accelerate energy efficiency improvements in existing buildings.</b>   |      |  |
| B5   | ECO  | Expand participation in the City's existing PACE financing program   |



Table 1: FY25 Actions and Milestones Continued

|   |      |  |
|---|------|--|
| B5  | OEQS | Explore feasibility of implementing City programs to incentivize energy efficiency measures for commercial and residential buildings |
| <b>B6: Establish a building efficiency and electrification program (for existing buildings) to replace appliances and systems with other efficient and cost-effective options.</b>                      |      |  |
| B6  | OEQS | Implement Whole Home Dallas - Energy Efficiency outreach & engagement program  |
| <b>B8: Implement a better buildings challenge that expands the 2030 District goals beyond Downtown Dallas.</b>  |      |  |
| B8  | FRM  | Energy Benchmarking 10 additional City buildings in Energy Star Portfolio Manager for a total of 195 City buildings                  |
| <b>B11: Update the building code to require wiring conduits for solar photovoltaics and electric vehicle charging infrastructure in new construction.</b>   |      |  |
| B11   | OEQS | Review SolSmart program for consideration of SolSmart Bronze Designation   |
| <b>B12: Evaluate and consider a Zero Net Energy (ZNE) code for all new buildings and substantial renovations by 2030.</b>   |      |  |
| B12   | OEQS | Develop engagement strategy to encourage key building industry stakeholders to begin exploring NZE options                           |
| <b>B13: Establish urban greening factor requirements for new developments that quantify how projects contribute to urban greening for reduced stormwater runoff and urban heat island improvements.</b> |      |  |
| B13   | PDV  | Continue work with Zoning Ordinance Advisory Committee (ZOAC) and CPC to adopt greening factors as part of parking reform            |
| B13   | PDV  | Define Urban Greening Factor. Then Leverage EVC SPI to explore private sector incentives to accelerate adoption                      |
| <b>B15: Evaluate potential city-owned properties for the creation of 'resilience hubs'.</b>   |      |  |
| B15   | OEQS | Evaluate funding opportunities for creation of resilience hubs   |



**GOAL 2: DALLAS GENERATES AND USES RENEWABLE, RELIABLE, AND AFFORDABLE ENERGY.**

*Why it matters?* Dallas primarily relies on electricity that has been generated by fossil fuels (22% is generated from coal and 50% from natural gas). Although Texas is the largest producer of wind in the country, renewable energy only provides 19% of the grid electricity mix. The renewable energy market is growing globally, as technologies (particularly photovoltaic panels and batteries) become more affordable and adaptable. With an average of 234 days of sunshine per year, Dallas has the potential to take much more advantage of solar technologies.

Total actions underway: 9  
 Total milestones: 13

**Table 2: FY24-25 Goal 2 Actions and Milestones**

| Action   | Dept | Milestone   |
|--|------|---|
| <b>E1: Maintain a high degree of reliability in the electric delivery grid through cooperative actions between the City and public utility companies.</b>        |      |   |
| E1   | OEQS | Explore feasibility of City community solar projects with public utility companies  |
| <b>E2: Evaluate the potential for the City to make investments in energy storage technologies for both resilience and renewable energy development purposes.</b> |      |   |
| E2   | FRM  | Start design & construction process to implement pilot solar + battery energy storage technology at Bachman Recreation Center   |
| <b>E3: Continue partnership with public utility companies on an intensive program on renewable energy options.</b>   |      |   |
| E3   | OEQS | Update PUC renewable energy and solar installation assistance programs on the Whole Home Dallas resource hub  |
| <b>E5: Build a regional strategic partnership to promote adoption of renewable energy.</b>   |      |   |
| E5   | OEQS | Raise awareness of the residential rooftop solar group-purchasing opportunity in the DFW region   |
| <b>E6: Establish and invest in renewable energy hubs through partnerships with the private sector.</b>   |      |   |
| E6   | OEQS | Evaluate funding opportunities relating to the development of renewable energy hubs   |
| <b>E7: Extend City efforts to develop more renewable energy projects on City facilities.</b>   |      |   |
| E7   | BCM  | Recommend inclusion of renewable energy on new and existing city facilities in scopes of work, whenever feasible  |
| E7   | OEQS | Work with stakeholders to develop guidelines and best practices for designing, constructing, and operating environmentally and habitat-friendly solar farms                         |
| E7   | OEQS | Support FRM in developing renewable energy projects on city facilities as appropriations allow  |
| E7   | OEQS | Utilize the results from OEQS' 2024 Solar Siting Study as guidance and support for the implementation of community solar efforts and rooftop solar installations on city facilities |
| <b>E8: Continue to implement Green Energy Policy for City facilities.</b>  |      |   |
| E8   | FRM  | Continue to implement current green energy policy under the existing utility contract for procuring 100% renewable energy and associated renewable energy credits                   |



Table 2: FY25 Actions and Milestones Continued City of Dallas

| <b>E9: Extend partnership with organizations like PACE and other Public Utility Companies to provide further incentives for renewable energy.</b> |      |   |
|---|------|---|
| E9  | PDV  | Explore feasibility of implementing expanding PACE to incentivize solar installation for commercial and residential buildings |
| <b>E10: Advocate for renewable energy policies at the state and federal levels.</b>   |      |   |
| E10   | OEQS | Support OGA Legislative advocacy of renewable energy policy in state and federal legislation                                  |
| E10   | OEQS | Continue to support OGA Legislative advocacy of renewable energy policy at Public Utility Commission of Texas                 |





**GOAL 3: DALLAS’ COMMUNITIES HAVE ACCESS TO SUSTAINABLE, AFFORDABLE, TRANSPORTATION OPTIONS.**

*Why it matters?* Dallas County fails to meet federal air quality standards for ground level ozone, which is produced when nitrogen oxides (NOx) and volatile organic compounds (VOCs) combine with heat, which is a direct result of gasoline burning engines. Using active and public transportation, transportation demand management (TDM), and transition towards the use of electric vehicles have high potential to reduce emissions and improve air quality.

Total actions underway: 13

Total milestones: 24

**Table 3: FY24-25 Goal 3 Actions and Milestones**

| Action   | Dept | Milestone  |
|--|------|--|
| <b>T1: Work with City of Dallas, DISD, and DART to transition the bus and light duty fleet to 100% electric by 2040.</b>     |      |  |
| T1   | OEQS | Support NCTCOG’s Clean Cities efforts to promote vehicle electrification   |
| T1   | EFM  | As recommended in the Fleet Electrification Feasibility Study, continue to grow the Alternative Fuels Options for the City   |
| T1   | EFM  | As recommended in the Fleet Electrification Feasibility Study, continue installing charging stations at various City facilities to support fleet vehicle electrification   |
| T1   | EFM  | As recommended in the Fleet Electrification Feasibility Study, continue the purchase electric vehicles, and evaluate pooling of resources  |
| <b>T4: Establish a comprehensive incentives package to help accelerate electric vehicle use.</b>                             |      |  |
| T4   | OEQS | Convene with the internal City EV Working Group to equitably deploy electric vehicle infrastructure on municipal property and promote the transition to electric vehicles  |
| T4   | OEQS | Collaborate with external stakeholders to increase electric vehicle charging infrastructure in equity priority areas   |
| T4   | OEQS | Utilize the results from OEQS' 2024 EV charging infrastructure siting study as guidance and support for the installation on City properties, as funds are available  |
| <b>T5: Support and expand recommended Travel Demand Management strategies identified within the Strategic Mobility Plan.</b> |      |  |
| T5   | TPW  | Implement Connect Dallas' principle of reducing vehicle miles traveled and single occupancy vehicle mode share and provide a variety of travel options to encourage residents to travel by transit, biking, or walking, to reduce greenhouse gas emissions |
| <b>T7: Secure resources to implement the existing bicycle network masterplan.</b>  |      |  |
| T7   | PDV  | Participate in bike plan update process  |
| T7   | TPW  | Update the 2011 Dallas Bike Plan to help better identify high-priority corridors for implementing bike facilities  |
| T7   | TPW  | Implement bicycle facilities and lanes, depending on City Council annual appropriations  |
| T7   | TPW  | Include considerations for additional micro-mobility technologies in addition to cycling in the Bike Plan update   |
| <b>T8: Evaluate infrastructure to enable city policy on micro mobility services to be distributed equitably.</b>             |      |  |
| T8   | TPW  | Implement the Shared Dockless Vehicle Program that regulates rental Micromobility devices in Dallas (i.e. scooters)  |





Table 3: FY25 Actions and Milestones Continued City of Dallas

|  |      |   |
|--|------|---|
| <b>T9: Increase bus service across the City by adding new routes, shortening headways, and overall increasing service reliability and customer experience.</b>   |      |   |
| T9   | PDV  | Implement Forward Dallas 2.0 Transit-Oriented Development and Connectivity goals to advance safe, compact, and walkable mixed-use development around DART stations and other transportation nodes to further increase accessible connectivity to housing, job opportunities, and neighborhood amenities for all residents |
| <b>T10: Adopt a target corridor, district, or city-wide mode split goals to help reinforce policies aimed at reducing single-occupancy vehicle use.</b>  |      |   |
| T10  | OEQS | Support regional air quality improvement efforts to reduce single occupancy vehicle trips   |
| T10  | OEQS | Work with City Staff to provide incentives and track emissions reduced through Dallas' alternative commute programs   |
| <b>T11: Develop a new comprehensive land use strategy in the upcoming comprehensive plan update to pair with the SMP and CECAP goals, adopt policy to reduce transportation related GHG emissions.</b> |      |   |
| T11  | PDV  | Implement Forward Dallas 2.0  |
| <b>T12: Expand upon the DART transit-oriented development (TOD) guidelines to collaborate on a new proactive TOD and housing strategy with DART.</b>   |      |   |
| T12  | PDV  | Implement Forward Dallas 2.0 goal to equitably increase attainable housing options throughout the city, particularly near job centers and transit-oriented locations, to meet the diverse housing needs of all people in Dallas   |
| <b>T14: Adopt a revised parking ordinance strategy that supports new mode split goals and land use strategy that minimizes available parking in transit-oriented districts.</b>                        |      |   |
| T14  | TPW  | Establish On-Street Parking/Curb Management Policy  |
| T14  | PDV  | Consider amending the parking code  |
| <b>T15: Implement green infrastructure programs that specify design and performance standards that treat the right-of-way as both a mobility and green infrastructure asset.</b>                       |      |   |
| T15  | PDV  | As noted in Forward Dallas 2.0, integrate Urban Design Standards and Guidance into the Development Review Process and Future Planning Efforts   |
| <b>T16: Convert all traffic lights and streetlights to LEDs.</b>   |      |   |
| T16  | TPW  | Convert lights to LED as funding is made available; All new lighting projects require LED whether City-owned, Oncor-owned or TxDOT-owned (also with Office of Integrated Police Solutions)  |
| T16  | TPW  | Initiate conversion of streetlights to LEDs, where feasible   |
| <b>T19: Encourage businesses, commercial entities, and institutions to electrify fleet, including but not limited to local and regional delivery trucks and heavier vehicles</b>                       |      |   |
| T19  | OEQS | Participate in Texas EV Alliance working to address EV transition and supporting infrastructure across North Texas  |



**GOAL 4: DALLAS IS A ZERO-WASTE COMMUNITY.**

*Why it matters?* Focusing on the principles of Zero Waste: refuse, reduce, reuse (including repair!), recycle and rot, will reduce quantity of waste and result in a cleaner City. Climate change will also impact both the operations and infrastructure assets in the waste sector. Increased temperatures will impact the health and safety of waste collection workers. Extreme weather events may lead to the unexpected need to deal with the collection and disposal of large amounts of debris. GHG emission reductions in the waste sector can also be achieved through actions that increase the efficiency of waste collection and continuing the capture of landfill-generated gas.

Total actions underway: 6

Total milestones: 20

**Table 4: FY24-25 Goal 4 Actions and Milestones**

| Action  | Dept | Milestone   |
|---|------|---|
| <b>SW1: Actively promote source reduction, recycling, and composting to the Dallas community.</b>   |      |   |
| SW1   | OEQS | Expand current education efforts to inform residents and business owners of their options to refuse, reduce, reuse, and recycle   |
| SW1   | OEQS | Sponsor zero waste education courses for multi-family residential customers   |
| SW1   | OAC  | Implement an Artist Residency program in Dallas recreation centers that promotes CECAP goals and waste reduction  |
| <b>SW2: Develop a comprehensive green procurement plan for city operations and establish a sustainable procurement policy.</b>                        |      |   |
| SW2   | POM  | As part of the green procurement plan, develop a total cost of ownership (TOC) model for use in analyzing the cost of a good or service   |
| <b>SW3: Improve solid waste, recycling, and brush/bulky waste collection efficiency.</b>  |      |   |
| SW3   | PKR  | Divert brush from the landfill by generating compost and mulch through the Treecycling program  |
| SW3   | SAN  | Utilize a grant from the North Central Texas Council of Governments to secure the services of a solid waste engineering firm and conduct a feasibility study for a composting processing system and site location |
| <b>SW4: Explore potential for electric waste collection trucks.</b>   |      |   |
| SW4   | SAN  | Continue to monitor technological advancements and viability  |
| <b>SW6: Expand efforts to reduce illegal dumping by implementing recommendations identified in the “Litter and Illegal Dumping Assessment Study.”</b> |      |   |
| SW6   | SAN  | Continue to facilitate BOPA collection events   |
| SW6   | SAN  | Provide staff support at Community Trash Off Events   |
| SW6   | CCS  | Continue to implement Strategic Illegal Dumping Plan  |
| SW6   | CCS  | Continue collaboration with Dallas Marshal’s office to issue citations and arrests  |
| SW6   | CCS  | Continue marketing campaign to educate public on illegal dumping (how to report, what it is, and measures being taken to counteract it)   |
| SW6   | CCS  | Continue same day abatement via illegal dumping abatement team  |



Table 4: FY25 Actions and Milestones Continued City of Dallas

|   |      |   |
|---|------|---|
| SW6   | CCS  | Maintain illegal dumping hotline  |
| SW6   | CCS  | Coordinate community trash off events   |
| SW6   | CCS  | Continue to support the Keep Dallas Beautiful affiliation   |
| SW6   | OEQS | Continue Zero Waste direct mail campaigns, such as water bill inserts   |
| SW6   | SAN  | Implement the Environmental Clean-Up Fee to address litter and nuisance abatement from public property, street cleaning, and related services |
| <b>SW8: Continue to capture gas and expand capacity from landfill for reuse and evaluate for city operations.</b> |      |   |
| SW8   | SAN  | Annually evaluate need for gas collection system expansion  |
| SW8   | SAN  | Expand program as needed to increase methane recovery   |



**GOAL 5: DALLAS PROTECTS ITS WATER RESOURCES AND ITS COMMUNITIES FROM FLOODING AND DROUGHT.**

*Why it matters?* The water/wastewater sector includes water supply, sewage treatment, water quality, stormwater management, flood management, water conservation and drought management. This sector contributes less than 1% of Dallas’ GHG emissions; however, access to clean water is foundational to public health and quality of life. Between 2020 and 2070, Dallas’ existing water reserves are expected to decrease due to sedimentation and increased evaporation of reservoirs. This is a result of anticipated temperature increases. For the City to protect water resources, actions must be taken by private entities, residents and businesses and the City of Dallas.

Total actions underway: 13  
 Total milestones: 45

**Table 5: FY24-25 Goal 5 Actions and Milestones**

| Action  | Dept | Milestone   |
|---|------|---|
| <b>WR1: Continue investment in public awareness campaigns to increase knowledge of the value of water and importance of conservation.</b> |      |   |
| WR1   | OEQS | Continue City Leadership and Commitment Grant Program to City of Dallas departments for improvements promoting Water Conservation efforts   |
| WR1   | OEQS | Continue to evaluate and assess City of Dallas Water Conservation Program performance to ascertain program viability  |
| WR1   | OEQS | Continue to offer public education, including Environmental Education Initiative, and outreach opportunities to promote water conservation to resourcefully manage the City’s GPCD                                  |
| WR1   | OEQS | Continue the ‘Save Water. Nothing Can Replace It.’ local public awareness campaign, and maintain SaveDallasWater.com website, promoting local conservation programs and educational opportunities for DWU customers |
| WR1   | OEQS | Continue to evaluate and improve Water Conservation social media strategies   |
| WR1   | OEQS | Evaluate and participate in local, regional, national water conservation associations for public awareness activities   |
| WR1   | DWU  | Continue activities and efforts related to the "Defend Your Drains" public awareness campaign   |
| WR1   | OEQS | Continue the regional "Water is Awesome" public awareness campaign with Tarrant Regional Water District   |
| WR1   | OEQS | Plan and hold the North Texas Regional Water Conservation Symposium, in partnership with local agencies.  |
| WR1   | DWU  | Continue water conservation outreach efforts to support wholesale customer cities   |
| <b>WR2: Continue investment in leak detection and expand programs to reduce overall water loss through the conveyance systems.</b>        |      |   |
| WR2   | OEQS | Continue to offer public-facing rebate and incentive-based programs to promote water conservation to resourcefully manage the City’s annual GPCD  |
| WR2   | DWU  | Continue existing leak detection programs in DWU's distribution system  |



Table 5: FY25 Actions and Milestones Continued

|  |      |   |
|--|------|---|
| WR2  | DWU  | Continue requesting and tracking TWDB Annual Water Conservation Reports for wholesale customer cities, which include 5- and 10-year water conservation targets  |
| <b>WR4: Encourage businesses and residents to plant drought-tolerant and native vegetation or xeriscape to reduce irrigation water use.</b>        |      |   |
| WR4  | OEQS | Continue to offer free automatic irrigation system evaluations and promote best management practices on outdoor watering  |
| WR4  | CCS  | Enforce City of Dallas Lawn Watering Schedule   |
| WR4  | OEQS | Develop additional resources to promote reducing outdoor water use, as feasible   |
| WR4  | OEQS | Continue ongoing education and outreach programs, such as Water-Wise Landscape Tour, to promote best management practices that recognize landscape design that reduces water consumption  |
| <b>WR5: Continue to monitor and protect water quality and implement improvement projects in the watershed.</b>                                     |      |   |
| WR5  | DWU  | Continue Watershed Protection Program   |
| WR5  | DWU  | Participate in the Upper Trinity River Basin Water Quality Compact  |
| WR5  | DWU  | Participate with USGS and other local entities in stream flow and water quality sampling  |
| WR5  | DWU  | Participate in Zebra Mussel study and monitoring with USGS  |
| WR5  | DWU  | Update current Stormwater Quality Monitoring Program to include other surface water bodies and expand upon parameters monitored   |
| WR5  | DWU  | Explore feasibility of a site specific TMDL Plan for White Rock Creek to protect public health  |
| <b>WR6: Continue to protect and monitor water quality by tracking emerging contaminants that may impact public health.</b>                         |      |   |
| WR6  | DWU  | With Parks and Recreation, Public Works, and Development Services develop a plan to educate and support customers in regulatory-driven programs for lead and copper monitoring within schools, childcare centers, and public spaces |
| WR6  | DWU  | Participate with USGS and other entities in Harmful Algal Bloom (HAB) study in the DFW area   |
| <b>WR7: Use FEMA Community Rating System to educate and protect communities from flooding.</b>   |      |   |
| WR7  | DWU  | Use rating system to educate flood-prone communities  |
| <b>WR8: Complete the implementation of major planned and ongoing drainage infrastructure projects to improve community resilience to flooding.</b> |      |   |
| WR8  | DWU  | Continue construction of Mill Creek Drainage Relief Tunnel scheduled for completion in 2026   |
| WR8  | DWU  | Continue acquisition of parcels for the Dallas Floodway Extension (DFE)   |
| WR8  | DWU  | Continue to support the USACE design process for Dallas Floodway Extension (DFE)  |
| WR8  | DWU  | Continue to support design builds efforts of Dallas Floodway (DF)   |
| <b>WR9: Initiate a comprehensive Storm Drainage System assessment and planning process.</b>  |      |   |
| WR9  | DWU  | Continue comprehensive storm drainage assessment activities that will identify resources and organizational needs, assess infrastructure condition, identify critical projects, and evaluate stormwater utility funding needs       |
| WR9  | DWU  | Implement critical projects to be funded through long-term CIP  |



Table 5: FY25 Actions and Milestones Continued City of Dallas

|  |     |   |
|--|-----|---|
| WR9  | DWU | Evaluate funding mechanisms to implement critical projects  |
| <b>WR11: Continue monitoring, evaluating, and updating the Drought Contingency Plan.</b>   |     |   |
| WR11   | DWU | Continue to monitor and evaluate effectiveness of the Drought Contingency Plan  |
| WR11   | DWU | Update Drought Contingency Plan as necessary  |
| <b>WR12: Continue contingency planning to protect and maintain service of key water infrastructure facilities from extreme weather events.</b>                                       |     |   |
| WR12   | DWU | Evaluate potential to install secondary power sources for critical infrastructure   |
| WR12   | DWU | Evaluate recommended risk management strategies developed as part of a completed Risk and Resilience Assessment for DWU’s critical water facilities to plan and prioritize future mitigation measures |
| WR12   | DWU | Update Risk Resilience Assessment Report as necessary   |
| WR12   | DWU | Update Continuity of Operations Plan DWU Annex as necessary   |
| WR12   | DWU | Evaluate potential ways to go off-grid for wastewater   |
| WR12   | DWU | Initiate Department Wide Security Master Plan Update (Water, Wastewater, and Stormwater)  |
| <b>WR13: Evaluate new technologies to lower nutrient releases into the Trinity Watershed from wastewater treatment plants and incorporate as appropriate.</b>                        |     |   |
| WR13   | DWU | Evaluate improvements to existing process utilizing new technology to improve water quality   |
| <b>WR14: Evaluate new or improved operational strategies and technologies to optimize the use of chemicals and reduce energy usage at water and wastewater treatment facilities.</b> |     |   |
| WR14   | DWU | Evaluate improvements to existing process and procedures to optimize water and wastewater treatment   |
| <b>WR15: Continue investment in sewer collection system to reduce inflow/infiltration (I/I) to improve water quality and reduce energy usage.</b>                                    |     |   |
| WR15   | DWU | Continue aggressive wastewater internal inspection, cleaning, and repair activities   |
| WR15   | DWU | Implement activities in the SSO initiative and report to TCEQ annually  |



**GOAL 6: DALLAS PROTECTS AND ENHANCES ITS ECOSYSTEMS, TREES, AND GREENSPACES THAT IN TURN IMPROVE PUBLIC HEALTH.**

*Why it matters?* Increased temperatures and droughts have dire impacts on urban ecosystems, trees, and green spaces. In 2011, the drought killed approximately 5.6 million trees in urban areas across the state. Open spaces such as parks, urban forests, and prairies can deliver multiple benefits including reducing the urban heat island effect, sequestering carbon, reducing air pollution and managing flooding, as well as providing benefits to urban and migrating species in the form of habitat protection and biodiversity. Dallas can significantly reduce the urban heat island effect by preserving and expanding the urban forest, in combination with increased use of light-colored materials in the urban realm.

Total actions underway: 7  
Total milestones: 28

**Table 6: FY24-25 Goal 6 Actions and Milestones**

| Action   | Dept | Milestone   |
|--|------|---|
| <b>EG1: Increase and improve access to green spaces particularly within vulnerable communities to reduce impact of urban heat island, localized flooding, and improve public health.</b> |      |   |
| EG1  | PKR  | Track acquisition of land   |
| EG1  | PKR  | Track development of parks  |
| EG1  | PKR  | Track development of trails   |
| EG1  | OEQS | Utilize the Dallas Urban Heat Island Mapping data to guide equitable efforts to evaluate cooling solutions in Dallas communities and identify hotspots. (Air Quality - Neighborhood)  |
| EG1  | OEQS | Participate in the Resilient Infrastructure Technical Assistance Program led by the Smart Surfaces Coalition (Urban Ag)   |
| EG1  | OEQS | Implement the City's Brownfield Program to address existing sources of pollution, increase potential redevelopment and economic growth in previously under-invested areas through investments in the Community-wide Assessment Grant and the Revolving Loan Fund Grant. (Brownfields) |
| EG1  | OEQS | Coordinate and lead quarterly Brownfields workshops for stakeholders.   |
| <b>EG2: Assess opportunities for blue-green infrastructure in the public realm to reduce flood risk.</b>   |      |   |
| EG2  | DWU  | Continue comprehensive storm drainage system assessment activities to identify areas prone to current and future flood risk   |
| <b>EG3: Increase tree canopy in both private and public realm to complete implementation of recommendations from the Urban Forest Master Plan.</b>                                       |      |   |
| EG3  | DWU  | Conduct a comprehensive citywide public tree inventory performed by Davey Resource Group, Inc.  |
| EG3  | PKR  | Conduct tree assessments  |
| EG3  | PKR  | Increase the tree canopy through tree planting events   |
| EG3  | TPW  | Continue MOWmentum program to work with HOAs and Neighborhood Associations and encourage them to adopt a median and beautify by planting trees  |
| EG3  | PDV  | Develop reforestation prioritization strategy through land use analysis   |





Table 6: FY25 Actions and Milestones Continued City of Dallas

| <b>EG4: Continue ongoing programs to collaborate with community organizations to promote tree planting efforts, protection of trees and prairies, and drought tolerant landscapes.</b> |     |  |
|--|-----|--|
| EG4  | PKR | Develop best management practices for improving/maintaining prairie health, for example, initiate species-specific herbicide for Johnson grass   |
| EG4  | PKR | Continue partnerships with Texas Trees Foundation  |
| EG4  | DWU | With City-Wide Task Force, including DWU, Parks and Rec, Public Works and Development Services, work with community-based organizations on land stewardship programs that educate residents and businesses and that plant and maintain trees in areas subject to heat island impacts |
| EG4  | PKR | Support partnerships and initiatives that protect and expand Blackland Prairies, as feasible   |
| EG4  | DWU | Continue Branch Out Dallas, Branching Out Dallas, and Reforestation Program  |
| EG4  | PKR | Track participation in tree planting events, including Branching Out events, and quantity of trees planted   |
| EG4  | TPW | Continue to expand the Adopt-a-Prairie program   |
| EG4  | TPW | Provide support for TreeKeeper program with DWU and PKR  |
| EG4  | TPW | Identify and designate trees under Article X Historic Tree status  |
| EG4  | PKR | Continue implementation of Emerald Ash Borer Response Plan to mitigate the adverse effects of the EAB and other destructive wood boring pest.  |
| <b>EG5: Update city park operations and maintenance procedures to include comprehensive ecofriendly and sustainable best management practices.</b>                                     |     |  |
| EG5  | PKR | Continue to update the Park Maintenance Operation Standard as new practices are used, with a focus on ecofriendly and sustainable practices  |
| <b>EG8: Improve the quality of urban ecosystems in Dallas through the sustainable appropriate design, creation, and planting of urban habitats.</b>                                    |     |  |
| EG8  | PKR | Continue the following programs: Blackland prairie restoration, wildflower areas, pollinator gardens, invasive removals  |
| EG8  | PKR | Continue work for the Bird City Texas program and the 27 practices that must be done to achieve this certification   |
| <b>EG9: Support public and private partnerships using nature-based solutions to address public health challenges.</b>  |     |  |
| EG9  | PDV | Provide technical assistance with grant writing as needed  |
| EG9  | PDV | Provide informational resources on funding opportunities and financing options to nonprofits   |



**GOAL 7: ALL DALLAS' COMMUNITIES HAVE ACCESS TO HEALTHY, LOCAL FOOD.**

*Why it matters?* The region's food is heavily dependent on food suppliers from outside of Texas and the United States. Extreme weather events can lead to power outages, and damage to transportation infrastructure, which may lead to supply chain vulnerability and food spoilage. Communities who already face food insecurity become more vulnerable to the above-mentioned impacts. Local food production reduces emissions related to 'food miles' and stimulates local economic development and green jobs.

Total actions underway: 11

Total milestones: 19

**Table 7: FY24-25 Goal 7 Actions and Milestones**

| Action  | Dept | Milestone   |
|---|------|---|
| <b>FA1: Increase access to information on sustainable agriculture, best practices, and the benefits of healthy and local foods.</b>   |      |   |
| FA1   | OEQS | Participate in the North Texas Food Policy Alliance   |
| FA1   | OEQS | Continue "Grow With Us - Field Edition" to encourage greater communication and volunteer support for local farm enterprises   |
| FA1   | OEQS | Implement actions to increase both access to local healthy food and local production  |
| FA1   | OEQS | Convene Dallas Innercity Growers' Summit (DIGS)   |
| FA1   | OEQS | Create clear, accessible documents that educate City of Dallas residents about relevant regulations and resources for starting and operating both commercial and community UA |
| <b>FA2: Create a Food Advisory Council.</b>   |      |   |
| FA2   | OEQS | Formalize and maintain an Urban Agriculture Advisory Council/UAPEN that represents a range of UA stakeholders in the City of Dallas   |
| <b>FA3: Develop a Dallas Comprehensive Food and Urban Agriculture Plan.</b>   |      |   |
| FA3   | OEQS | Develop annual Comprehensive Urban Agriculture Implementation Work Plan (CUAP)  |
| FA3   | OEQS | Implement FY24 Comprehensive Urban Agriculture Implementation Work Plan   |
| FA3   | OEQS | Update the Dallas Development Code per recommendations noted in the CUAP Appendix A to reduce the regulatory barriers in the urban agriculture landscape                      |
| <b>FA4: Facilitate partnerships between schools and nonprofits to develop neighborhood-based growing initiatives and kitchen gardens in neighborhoods with low food access.</b> |      |   |
| FA4   | ECO  | Continue to support Healthy Food Dallas Initiative  |
| <b>FA5: Support nonprofits solving food justice issues in Dallas with grant writing and developing creative financing options.</b>  |      |   |
| FA5   | OEQS | Complete the Urban Agriculture Infrastructure Grant Program that provides community farm assistance to community gardens in historically disadvantaged communities            |
| <b>FA6: Partner with transportation organizations to identify creative transportation solutions to access healthy food retailers in neighborhoods with low food access.</b>     |      |   |



Table 7: FY25 Actions and Milestones Continued City of Dallas

|  |      |  |
|--|------|--|
| FA6  | ECO  | Support existing programs related to transportation and food access  |
| <b>FA7: Partner with supermarkets, food retailers and other supporting organizations to bring mobile grocery stores to neighborhoods with low food access.</b>       |      |  |
| FA7  | ECO  | Evaluate feasibility of incorporating mobile grocery stores into the Healthy Food Dallas Initiative  |
| <b>FA8: Support the creation of food related green jobs in production, processing, storage, distribution, and waste management.</b>                                  |      |  |
| FA8  | OEQS | Support the Growers Education & Workforce Development Grant Program, as needed   |
| <b>FA9: Establish a local food procurement plan to encourage local food purchasing at city-sponsored events.</b>   |      |  |
| FA9  | POM  | Initiate development of and pilot local food procurement procedures to support policy development  |
| <b>FA13: Collaborate with organizations that are working to divert surplus food from grocery stores and markets to reach communities in need.</b>                    |      |  |
| FA13   | OEQS | Continue to identify food diversion organizations and host a roundtable to identify synergies and opportunities for city-sponsored collaboration   |
| <b>FA14: Adopt a special events ordinance that encourages procurement of locally sourced food, recycling of waste generated, and compost bins at special events.</b> |      |  |
| FA14   | CES  | Continue partnership with OEQS' Zero Waste program for the continued implementation of the pilot recycling program and incorporate language within Ordinance 42-A to encourage the participation in the program once established |
| FA14   | OEQS | Implement a pilot for responsible waste management at special events   |
| FA14   | OEQS | Include education and separate waste collection streams as part of pilot   |



**GOAL 8: ALL DALLAS' COMMUNITIES BREATHE CLEAN AIR.**

*Why it matters?* Increases in temperature exacerbates poor air quality, putting vulnerable population further at risk. Dallas County consistently fail to meet federal air quality standards for ground level ozone. In the American Lung Association’s “State of the Air 2023” Report, Dallas- Fort Worth ranked 18th out of the 25 *Most Ozone-Polluted Cities*.

Total actions underway: 4

Total milestones: 11

**Table 8: FY24-25 Goal 8 Actions and Milestones**

| Action   | Dept | Milestone   |
|--|------|---|
| <b>AQ1: Work with the Texas Commission on Environmental Quality to install additional air quality monitoring stations across the city.</b> |      |   |
| AQ1  | OEQS | Maintain regulatory air monitoring and sampling programs in coordination with TCEQ  |
| AQ1  | OEQS | Make data from regulatory air monitoring stations available to the public   |
| <b>AQ2: Partner with nonprofits and schools to develop and implement non-regulatory monitors in neighborhoods.</b>                         |      |   |
| AQ2  | OEQS | Administer two grants for air quality sensors, include efforts to coordinate neighborhood communication, and efforts to partner with public health experts to develop and implement appropriate interventions                               |
| AQ2  | OEQS | Evaluate sensor data to track neighborhood air quality  |
| AQ2  | OEQS | Make data from neighborhood air quality sensors available to the public   |
| AQ2  | OEQS | Convene regional air quality monitoring summit with local entities implementing air quality monitoring programs to assess state of the science, and opportunities for data sharing  |
| <b>AQ3: Continue to support and expand on the Air North Texas campaign to raise public awareness and improve air quality.</b>              |      |   |
| AQ3  | OEQS | Continue to support Air North Texas Campaign and expand where feasible  |
| AQ3  | OEQS | Work with partners to reduce illegal idling in historically disadvantaged communities   |
| <b>AQ4: Ensure new industries are an appropriate distance away from neighborhoods.</b>   |      |   |
| AQ4  | PDV  | Through Forward Dallas 2.0, understand, characterize, and propose proactive city strategies to address situations with inequitable industrial proximity to residential uses   |
| AQ4  | PDV  | Update Development Code to address Batch Plant and other Industrial Site uses in and near neighborhoods   |
| AQ4  | OEQS | Share Environmental Justice tool with City staff and provide training so there is a good understanding of potential EJ impacts associated with City operations and practices (including batch plant locations supporting City construction) |



## V. Tracking and Accountability

Environmental and climate action planning is a cyclical and iterative process. The City of Dallas Office of Environmental Quality and Sustainability works with other City departments to track and publish quarterly progress reports summarizing CECAP activities. The City is committed to track and publicly report on the implementation of the actions and milestones. This information will be shared on a public facing dashboard available at [dallasclimateaction.com](http://dallasclimateaction.com) and monthly Budget Accountability Reports (BAR). The monthly BARs track progress on budget performance measures aligned with the City's seven Foundational Structures. This data is used to review progress towards meeting the GHG emission targets and expanding on trend analysis to assess if additional actions may be necessary to improve progress towards the goals of the Paris Agreement.

## VI. Stakeholder Engagement

Successful implementation of the CECAP involved several internal and external stakeholder groups. These different groups provided input on CECAP implementation and reported regularly on progress throughout the year. Work with these groups will continue in FY25 and include:

***Parks, Trails, and the Environment Committee (PTE)*** was established by Mayor Johnson to ensure Dallas is a global climate leader; and creating and implementing the City's Comprehensive Environmental & Climate Action Plan.

***Environmental Commission*** is an advisory board comprised of 15 voting members and 8 non-voting technical experts—one per CECAP goal. The Commission has also established a number of subcommittees to address key focus areas.

***Leading Environmental Action Forward (LEAF)*** is the internal CECAP implementation coordination group with key departments, with roles in implementing various actions and goals within the CECAP. The LEAF members serve as subject matter experts to aid in the implementation of CECAP action items and assist in collecting related performance.

***Regional Integration of Sustainability Efforts (RISE) Coalition*** is a collaboration of North Texas governmental and quasi-governmental organizations working together to reduce harmful emissions, share best practices, lessons learned and resources to support collaboration on regional sustainability and environmental initiatives.

## VII. Budget

### ***Fiscal Year 2024-2025 Budget***

All milestones are subject to related annual budget appropriations. The City's FY25 General Fund Budget includes an investment of approximately \$154.7 million to advance the City's Sustainable Foundational Structure. This foundational structure supports Dallas' efforts to be a climate-resilient city with well-built, maintained, and sustainable infrastructure and transportation networks, especially in our most vulnerable neighborhoods, with project delivery and operational practices that can support our population in the future.

The Budget includes \$1.2 million in funding specifically for direct CECAP implementation by the Office of Environmental Quality & Sustainability (OEQS). In addition, OEQS will use \$3.5 million allocated in multi-year funds (i.e. Brownfields Redevelopment Program, Landscape Equipment Transition Plan, Community Air Monitoring, and solar on city facilities). Funding aligns with programs and priorities laid out in this work plan, unless otherwise directed and approved by the City Council.



**THIS PAGE INTENTIONALLY LEFT BLANK**