



April 2023

CITY OF DALLAS

ENVIRONMENTAL ACCOMPLISHMENTS



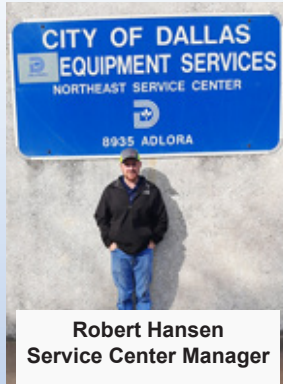
The City of Dallas is actively committed to improvement of the environment and reducing environmental risk. We believe that, you, the community, should be informed of the efforts your City of Dallas government is making regarding improving the environment in which you live. For instance, City of Dallas departments annually commit to achieving 30 to 40 goals designed to improve their environmental performance. We are proud of these efforts and are showcasing in this document samples of the environmental achievements of City of Dallas departments. These achievements embody a mindset of continual improvement which is critical to reducing our environmental footprint.

The efforts of City of Dallas employees and contractors put the City at the cutting edge of environmental protection and natural resource conservation. This commitment involves more than 10,000 City of Dallas employees and 15 city departments. Our strategy is based on implementation of an environmental policy and an Environmental Management System (EMS) since 2008.

By implementing this EMS, the City of Dallas is not only complying with environmental laws and regulations but is going beyond that and continually striving to improve the City's environmental performance. These efforts also help improve the services delivered to citizens and conserves Dallas resources.



Randy Reid
Service Center Manager



Robert Hansen
Service Center Manager

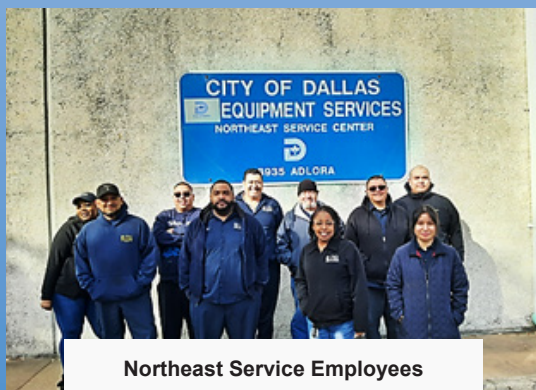


Northeast Service Center Outside



Northeast Service Center Inside

THE DEPARTMENT OF EQUIPMENT AND FLEET MANAGEMENT (EFM) was audited by the Environmental Protection Agency (EPA) on November 22, 2022 which resulted in no environmental regulation violations found. In 2004, the EPA and the Department of Justice (DOJ) sued the City of Dallas (COD) for violating the Clean Water Act (CWA) and the Resource Conservation and Recovery Act (RCRA). The allegation stated that the COD failed to implement adequate funding and staff to maintain the storm water management program. In 2006, EPA, DOJ, and the COD entered into a Consent Decree. As a result, the City of Dallas is required to conduct pollution preventions inspections at City facilities and projects such as major service centers, golf courses, water treatment plants, the Landfill, transfer stations, storm water discharge pipes, and City construction sites. Today EFM has more than 230 staff members, manages a storm water budget of over 1.4 million, and conducts frequent inspections and maintenance on six major service centers, storm water infrastructures, fire stations, and on approximately 5,700 vehicles. To learn more about the EPA auditing EFM, contact the department at <https://dallascityhall.com/departments/equipmentbuildingservices>



Northeast Service Employees



Northeast Service Center Employee



EFM Stormwater Management Employees

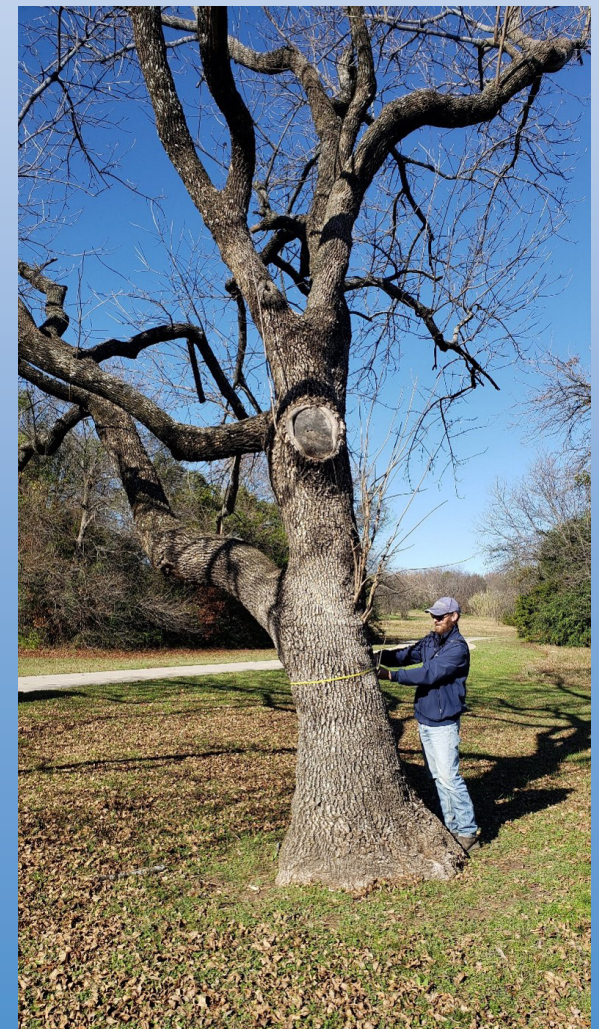
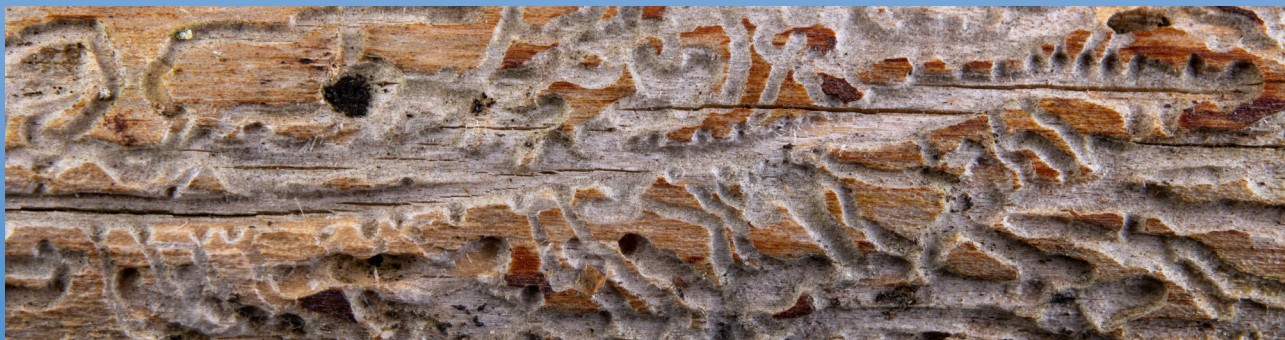
THE DALLAS PARK AND RECREATION DEPARTMENT conducted assessments of ash trees in parks as part of the City's planned response to monitor for the spread of Emerald Ash Borer (EAB). EAB is an invasive, metallic green beetle that is devastating to all native ash species, including both stressed and healthy trees, and results in the death of the trees. EAB was first found in southeast Michigan in 2002 and has



since spread to 30 states, and in May 2022 was identified within City of Dallas limits. Beginning in December 2021, the Park and Recreation Department staff began assessments of ash trees in parks. Currently, staff have assessed 606 ash trees in 263 parks. Ash trees with a trunk diameter that is 8 inches diameter at breast height (DBH) and above are assessed. The information for each tree is entered into a software called Tree Keeper and is the beginning of the City's tree inventory. Ash trees that are 17 DBH and above and in good condition will be treated with an insecticide for protection

against EAB. Fifty trees from 100 parks were recommended for treatment and a contractor has completed those treatments. In 2023, the department is continuing the efforts to protect ash trees through assessments and treatment in the remaining parks, golf courses, and trails. For more information, go to

<https://www.dallasparcs.org/601/Emerald-Ash-Borer>



The Department of AVIATION

Dallas Love Field Airport
Dallas Executive Airport
Dallas Vertiport

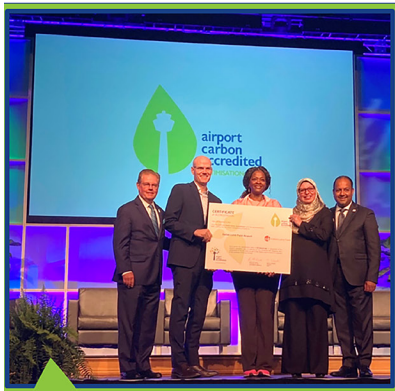


Department of Aviation is excited to announce we are the FIRST CoD Department to produce its own honey!



The environmental team has partnered with Alvéole to implement an urban beehive at Dallas Executive Airport. This is part of the department's long-term commitment towards sustainability. The hive was installed in April 2022 and by early November 2022, the department has received their first 100 jars of honey!! The installation not only serves as a sustainability initiative to foster honeybee populations and improve the local ecosystem, but also as a community outreach effort for the gardening community.

AVI Employees, Kris Sweckard, Assistant Director & Sana Drissi, Env. Operations Manager receiving Level 3 award in 2022.



Airport Carbon Accreditation

Institutionally - endorsed, global carbon management certification program for airports. Dallas Love Field is one of four (4) leading Airports in Texas participating in this international program.

Current status: Level 3 - Optimization (Renewed Feb. 2023)

- Level 3 - Optimization (2022)
- Level 2 -Reduction (2018)
- Level 1 -Mapping (2017)

Reached carbon reduction objective to "reduce emissions by 10 percent per enplaned passenger below 2015 levels by 2025"

- Looking forward to Achieve Level 3+ (Carbon Neutrality)



URBAN BEEHIVE

- First department to produce honey!
- Location: Dallas Executive Airport
- Established in 2022
- 2 staff workshops
 - Beeswax Candle Making
 - Bee Trivia



Rachel Woodworth, AVI Env Coord. II & Sana Drissi, AVI Env Mang., making a beeswax candle

DALLAS WATER UTILITIES STORMWATER OPERATIONS DIVISION is pleased to submit the following as their environmental accomplishment for 2022-2023.

The Branch Out Dallas program was started as an effort to reduce the Heat Island Effect and to increase the overall tree canopy in the city. Each tree planted helps the city get closer to meeting these goals. Trees benefit everyone by cooling temperatures and improving air quality. Homeowners who plant a tree in their yard benefit by saving energy, cooling the air, and providing shade.

Additionally, trees help to filter storm water runoff. The Branch Out Dallas program helps homeowners replace damaged or aging trees, increase the overall tree canopy citywide, and provides a great opportunity for City staff and communities to interact.

Homeowners register in advance to receive a tree, and trees are distributed at various locations in November. Homeowners also receive instructions on how to plant and care for their trees.

In 2022, the 5th year of the program, nearly 2,500 trees were handed out. These included Chinkapin Oak, Mexican White Oak, Redbud, American Elm, Cedar Elm, and Sycamore. All of which are native to North Texas. For more information on this program, go to <https://dallascityhall.com/departments/waterutilities/Pages/branch-out-dallas.aspx>



BUILDING SERVICES DEPARTMENT has been working on a project for installing solar photovoltaic (PV) systems on three City-owned municipal facilities which are listed below. All three installations will be energized in second quarter of 2023.

1. Fretz Park Recreation Center - 6950 Belt Line Rd, Dallas, TX 75254
2. Pleasant Oaks Recreation Center - 8701 Greenmound Ave, Dallas, TX 75227
3. Dallas West Branch Library - 2332 Singleton Blvd, Dallas, TX 75212

Currently solar PV is installed on seven City-owned municipal facilities for a total capacity of 469.8 kW. With this project the total installed solar PV capacity on City-owned municipal facilities increases to 893.2 kW which is almost a 90% increase in energy generated from renewable energy from the current conditions.

Total energy generated from these three solar PV projects is estimated to be 14,910,750 kWh. This would offset approximately 11,650 Tons of Carbon Dioxide in 25 years and reduce an average 57% of the total energy currently used by the three facilities.

These three solar PV installations help towards City's commitment for making City-owned municipal facilities reduce greenhouse gas emissions and make City facilities resilient in support of the Comprehensive Environmental & Climate Action Plan (CECAP) adopted by the City in May 2020.

To learn more, go to <https://dallascityhall.com/departments/building-services/Pages/default.aspx>



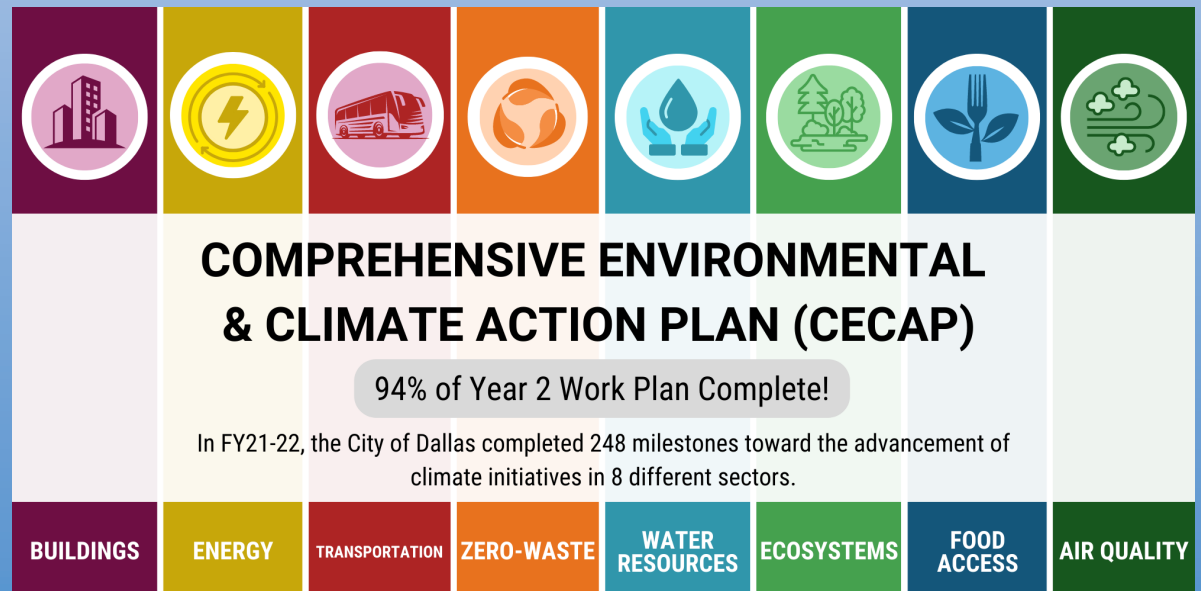
OFFICE OF ENVIRONMENTAL QUALITY & SUSTAINABILITY'S year two of the CECAP expanded on the theme of building capacity through education and outreach, expanding partnerships, amplifying ongoing actions, exploring funding opportunities, pilots and proof of concept projects, and tracking and accountability. The FY22 Implementation Work Plan included activation of 73 of the CECAP's 97 actions. These 73 actions were divided up into 263 milestones which were tracked and reported monthly.



The City Manager's Office established a goal that 92% of the FY22 workplan milestones be completed this year. Thanks to the ongoing efforts and collaborations of 17 City departments as well as external partner organizations, the goal has been met. 238 (92%) of the 263 milestones laid out in the FY22 Implementation Work Plan were completed. To learn more, go to <https://www.dallasclimateaction.com/>

Key FY22 CECAP milestone accomplishments include:

- Performed 140 energy audits of municipal buildings and installed 1,051 kW of renewable energy at city-owned facilities.
- Advanced the City's Sustainable Procurement Program
- Park Land Expansion & Tree Canopy Protection (Added 193.8 Acres + 26.5 acres under design/construction)
- Developed Comprehensive Food & Urban Agriculture Plan
- Launched Non-Regulatory Neighborhood Air Quality Program





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