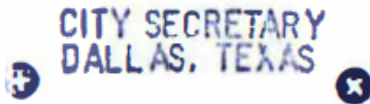


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City of Dallas

Public Notice

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POSTED CITY SECRETARY
DALLAS, TX

**ENVIRONMENTAL COMMISSION
REGULAR MEETING**

April 10, 2024, at 5:30 p.m.

Dallas City Hall, 6ES Council Briefing Room and Videoconference (Webex)

Videoconference Link:

<https://dallascityhall.webex.com/dallascityhall/j.php?MTID=m8e075794e40f7342874034ab1558b5f7>

Telephone: +1-469-210-7159 United States Toll (Dallas)

+1-408-418-9388 United States Toll

Access code: 2489 568 2839

The City of Dallas will make Reasonable Accommodations/Modifications to programs and/or other related activities to ensure any and all residents have access to services and resources to ensure an equitable and inclusive meeting. Anyone requiring auxiliary aid, service, and/or translation to fully participate in the meeting should notify the Office of Environmental Quality & Sustainability by calling (469) 934-7382 three (3) business days prior to the scheduled meeting. A video stream of the meeting will be available twenty-four (24) hours after adjournment by visiting <https://dallastx.new.swagit.com/views/113>.

Individuals and interested parties wishing to speak must register with the Office of Environmental Quality & Sustainability by [filling out this form](#) or calling (469) 934-7382, at least twenty-four (24) hours prior to the meeting date and time.

La Ciudad de Dallas llevará a cabo "Adaptaciones Razonables" a los programas y/o otras actividades relacionadas para garantizar que todos y cada uno de los residentes tengan acceso a los servicios y recursos para garantizar una reunión equitativa e inclusiva. Cualquier persona que necesite ayuda auxiliar, servicio y/o traducción para participar de forma plena en la reunión, debe notificar a la Oficina de Calidad Ambiental y Sustentabilidad llamando al (469) 934-7382 o TTY (800) 735-2989, cuarenta y ocho (48) horas antes de la reunión programada. Una transmisión de video de la reunión estará disponible dos días hábiles luego del levantamiento de la reunión visitando

<https://dallastx.new.swagit.com/views/113>.

Las personas y las partes interesadas que deseen hacer uso de la palabra deben registrarse con la Oficina de Calidad Ambiental y Sustentabilidad [aquí](#) o llamando al (469) 934-7382, veinticuatro (24) horas antes de la fecha y horario de la reunión.

Kathryn Bazan, Chair, District 9
Esther Villarreal, Vice Chair, District 6

Teresita Delgado, District 1
Mark Wootton, District 2
Michael Cook, District 3
Tracy Wallace, District 5
Temeckia Derrough, District 7
Renee Roberson, District 8

Andrew Siegel, District 10
Colleen Murray, District 11
Barry Lachman, District 12
Paula Day, District 14
Julie Hiromoto, District 15

AGENDA

- I. **Call to Order**
- II. **Announcements**
- III. **Approval of Minutes**
 - a. March 6, 2024
- IV. **Briefing Items**
 - a. **Landscape Equipment Transition Plan**
[Paul White II, Assistant Director, Office of Environmental Quality and Sustainability]
Attachment: [Presentation](#)
- V. **Briefing Memorandums**
 - a. **Results of Urban Heat Island Study**
[Carlos Evans, Director, Office of Environmental Quality & Sustainability]
Attachment: [Memo](#)
 - b. **Quarterly Brownfields Update** *[Paul White II, Assistant Director, Office of Environmental Quality & Sustainability]*
Attachment: [Memo](#)
- VI. **Discussion Items**
 - a. **Monthly Subcommittee Updates**
 - i. Environmental Health
 - ii. Environmental Justice
 - iii. Implementation
 - iv. Outreach & Engagement
 - v. Strategic Partnerships & Innovation
 - b. **Monthly District Updates from Commissioners**
 - c. **Upcoming Meetings**
 - i. Parks, Trails, & the Environment Council Committee
Monday, May 6, 2024, 9:00 a.m. – 11:00 a.m.
 - ii. Environmental Commission
Wednesday, May 8, 2024, 5:30 p.m. – 7:30 p.m.
- VII. **Adjournment**

Handgun Prohibition Notice for Meetings of Governmental Entities

"Pursuant to Section 30.06, Penal Code (trespass by license holder with a concealed handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a concealed handgun."

"De acuerdo con la sección 30.06 del código penal (ingreso sin autorización de un titular de una licencia con una pistola oculta), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola oculta."

"Pursuant to Section 30.07, Penal Code (trespass by license holder with an openly carried handgun), a person licensed under Subchapter H, Chapter 411, Government Code (handgun licensing law), may not enter this property with a handgun that is carried openly."

"De acuerdo con la sección 30.07 del código penal (ingreso sin autorización de un titular de una licencia con una pistola a la vista), una persona con licencia según el subcapítulo h, capítulo 411, código del gobierno (ley sobre licencias para portar pistolas), no puede ingresar a esta propiedad con una pistola a la vista."

"Pursuant to Section 46.03, Penal Code (places weapons prohibited), a person may not carry a firearm or other weapon into any open meeting on this property."

"De conformidad con la Sección 46.03, Código Penal (coloca armas prohibidas), una persona no puede llevar un arma de fuego u otra arma a ninguna reunión abierta en esta propiedad."

EXECUTIVE SESSION NOTICE

A closed executive session may be held if the discussion of any of the above agenda items concerns one of the following:

1. seeking the advice of its attorney about pending or contemplated litigation, settlement offers, or any matter in which the duty of the attorney to the City Council under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act. [Tex. Govt. Code §551.071]
2. deliberating the purchase, exchange, lease, or value of real property if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.072]
3. deliberating a negotiated contract for a prospective gift or donation to the city if deliberation in an open meeting would have a detrimental effect on the position of the city in negotiations with a third person. [Tex. Govt. Code §551.073]
4. deliberating the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee; or to hear a complaint or charge against an officer or employee unless the officer or employee who is the subject of the deliberation or hearing requests a public hearing. [Tex. Govt. Code §551.074]
5. deliberating the deployment, or specific occasions for implementation, of security personnel or devices. [Tex. Govt. Code §551.076]
6. discussing or deliberating commercial or financial information that the city has received from a business prospect that the city seeks to have locate, stay or expand in or near the city and with which the city is conducting economic development negotiations; or deliberating the offer of a financial or other incentive to a business prospect. [Tex Govt . Code §551.087]
7. deliberating security assessments or deployments relating to information resources technology, network security information, or the deployment or specific occasions for implementations of security personnel, critical infrastructure, or security devices. [Tex Govt. Code §551.089]



City of Dallas

Landscape Equipment Transition Plan Update

**Environmental Committee
April 10, 2024**

Carlos Evans, Director;
Paul White II, Assistant Director
Freddie Ortiz, Environmental
Coordinator III
Office of Environmental Quality &
Sustainability
City of Dallas

Presentation Overview



- Background/History
- Implementation progress
- Timeline moving forward



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Purpose of Transition



- Health
- Noise pollution
- Environmental impact
- Meet CECAP Goals to reduce carbon emissions



Background/History



- 2021
 - ENVS Chair requested policy recommendations from staff concerning gas-powered landscape equipment.
- 2022
 - Environmental Health Committee recommended phasing out gas-powered landscape equipment.
 - OEQS briefed ENVS Committee on landscaping equipment policy.
 - EVC provided formal recommendations to ENVS Committee
 - ENVS Chair requested landscape equipment transition plan by June 2023
- 2023
 - SB 1017 passed
 - Council approved \$750,000 for LET to focus on encouraging residents to transition to electric landscaping equipment.



LET Plan recommendations



- Incentive Program Design
- Strategies for Success
- Next Steps



Background/History



- **September 2023-January 2024:** Reached out to multiple retail stores about how they partnered with municipalities on incentive programs.
- **January 2024 to present:**
 - Engaged other cities about their landscape equipment incentive programs.
 - Discussions with 311 about creating an LET application Service Request type and utilizing City Hall On The Go for promotion.
- **March 2024:** Final draft of LET plan submitted to OEQS.
- **April 2024 to present:** OEQS is drafting the RFP.



LET Plan Incentive Program Design



- Program Cost Analysis

There are approximately 220,000 single-family residences in the City of Dallas.⁴⁰ Based on the residential survey results, approximately 92% of residents living in single-family homes perform their own lawn care at least some of the time. Using this data, approximately 201,000 homes in Dallas own at least some lawn equipment. Below is an assessment of estimated gas-powered equipment distribution among Dallas residents, recommended rebate amounts, and associated costs.

Equipment Type	Percent of Households with Gas Equipment	Estimated Quantity to be Replaced	Recommended Rebate Amount	Budget Cost
Leaf Blower	30.4%	61,104	\$50	\$3,055,200
String Trimmer/Edger	40.6%	81,606	\$50	\$4,080,300
Hedge Trimmer	15.6%	31,356	\$50	\$1,567,800
Chainsaw	29.4%	59,094	\$50	\$2,954,700
Self-Propelled Push Mower	47.0%	94,470	\$100	\$9,447,000
Riding Mower	5.6%	11,256	\$200	\$2,251,200
Replacement Battery	Not Applicable	31,356	\$25	\$783,900
Total				\$24,140,100

LET Plan Incentive Program Design



- Cost to Purchase

Modern researched market cost data to establish average price ranges for GPLE and ELE.⁴¹ Modern also collected price ranges of the top three bestselling models in each category from popular retailers. For bestselling ELE models, the purchase price includes a battery and charger.

Equipment Type	Purchase Price of GPLE (Market Data)	Purchase Price of ELE (Market Data)	Purchase Price of GPLE (Bestsellers)	Purchase Price of ELE (Bestsellers)
Leaf Blower	\$60-390	\$35-270	\$260-280	\$130-150
String Trimmer/Edger	\$250-300	\$300-350	\$220-320	\$160-190
Hedge Trimmer	\$250-350	\$100-200	\$380-410	\$130-150
Chainsaw	\$100-200	\$200-400	\$220-450	\$150-300
Self-Propelled Push Mower	\$250-400	\$500-1000	\$400-500	\$600-800
Riding Mower	\$750-1000	\$4500-4800	\$2700-3000	\$4500-4800



LET Plan Incentive Program Design



- Cost Savings

Mowing Time (mins)	Break-even Point (years)		Five-year Savings	
	Push Mower	Self-propelled Mower	Push Mower	Self-propelled Mower
15	3.4	2.8	\$48	\$68
30	2.6	2.1	\$97	\$117
60	1.8	1.4	\$193	\$213

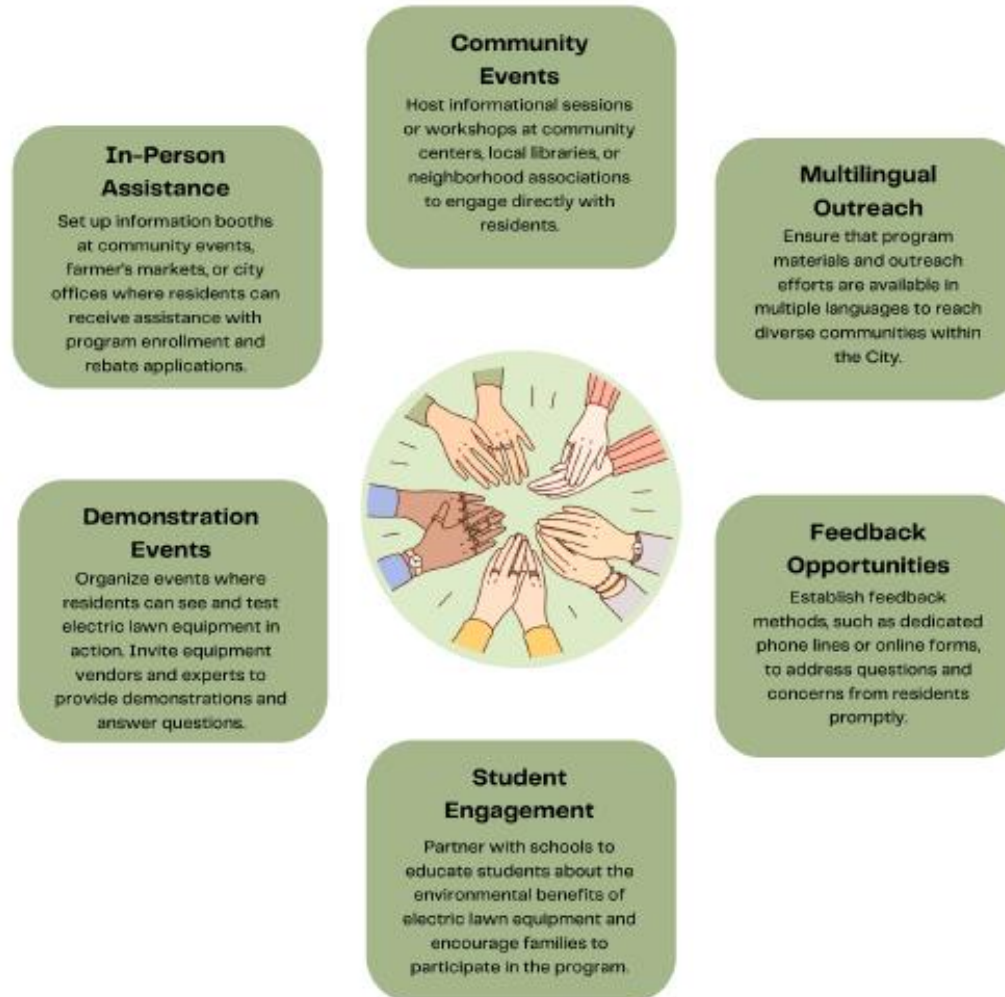
Note: Gas price used for calculations was \$2.90 a gallon, based on AAA gas price information for the Dallas metro area.⁴⁷



LET Plan Strategies for Success



Community Engagement



LET Plan Strategies for Success



Get the Word Out



LET Plan Strategies for Success



- Potential Milestones
 - Participation Rate
 - Equipment Purchases
 - Emissions Reduction
 - Cost Savings
 - Retailer Participation
 - Resident Satisfaction



Status Update



- Where are we in the City's transition?
 - Parks has transitioned 5% of their equipment. Expecting 10% transition by end of 2024 due to budget loss.
- When do we expect to complete the transition?
 - Challenges
 - Budget loss and tightening.
 - Needed infrastructure upgrades to increase electrical capacity.



LET Plan Next Steps



- Landscape Business Impacts
- Technology Readiness
- Equity Considerations



OEQS Next steps



- May 2024: Present to PTE committee
- June 2024: Seek formal Council adoption of plan
- June 2024 release RFP seeking partnership with retail stores
- Finalize application process
- Select vendor(s)
- Finalize and implement outreach program





Questions?



City of Dallas

Landscape Equipment Transition Plan Update

**Environmental Committee
April 10, 2024**

Carlos Evans, Director;
Paul White II, Assistant Director
Freddie Ortiz, Environmental
Coordinator III
Office of Environmental Quality &
Sustainability
City of Dallas

Memorandum



CITY OF DALLAS

DATE April 10, 2024

TO Honorable Chair and Members of the Environmental Commission

SUBJECT City of Dallas 2023 Heat Island Study Results

Introduction

In summer 2023, The City of Dallas and 18 other communities joined the National Oceanic and Atmospheric Administration (NOAA) to collect data to map where people are most at risk during extreme heat events. The Urban Heat Island (UHI) mapping campaign addresses extreme heat, the number one weather-related cause of death in the U.S. for the last three decades. Urban heat islands — areas with fewer trees and more pavement that absorbs heat — can be up to 20 degrees Fahrenheit hotter than nearby neighborhoods with more trees, grass, and less black asphalt.

On August 5, 2023, approximately 70 community volunteers, including City of Dallas Staff, City of Dallas residents, DFW residents and families, and college students, recorded ambient temperature and humidity data as they drove nine routes covering 103.3 square miles of the City. Volunteers mounted sensors onto their vehicles to capture data at three different times of the day – morning, afternoon, and evening. Volunteers took 60,040 measurements on campaign day, and the max differential temperature was 10 F. The maximum temperature recorded was 110.1 F.

The objectives of the study were to collect heat measurements across neighborhoods in the city, develop high resolution maps of air temperature and heat index, and ultimately better understand and address the risks from extreme heat.

Results

The hottest areas include:

- Love Field- Districts 6 and 2
- **Medical District- District 2**
- Uptown- District 14
- Oak Lawn- District 14
- Downtown- District 14
- Deep Ellum- District 2
- Design District- District 6
- **West Dallas- District 6**
- **Bishop Arts- District 1**
- Stemmons/Market Center- District 6

The hottest areas were also examined for environmental justice (EJ) concerns. The areas identified in bold contain EJ neighborhoods. This additional information is critical to better serve our communities, and data will be used to provide heat solutions in the City of Dallas.

DATE April 10, 2024
SUBJECT City of Dallas 2023 Heat Island Study Results

This data will help us advance climate mitigation, climate adaptation, environmental quality, and environmental justice goals and actions under the CECAP and Racial Equity Plan. For example, data will support:

- CECAP Goal 1, 2
 - Prioritizing areas for weatherization and solar projects
- CECAP Goal 6
 - Reduce the urban heat island effect
 - Increasing Green infrastructure and tree canopy
- CECAP Goal 7
 - Increasing urban agriculture
 - Increasing the use of other smart surfaces (e.g., light surfaces)

Data:

All Heat Watch data (traverses, models, and metadata) are available on the Open Science Framework (OSF) and available for download. Summary report is available on greendallas.net and dallasclimateaction.com

Next Steps:

The Office of Environmental Quality and Sustainability plans to map the remainder of the city in summer 2024.

If you have questions or need additional information, please contact Carlos Evans, Director of OEQS, at 214-670-1642 or carlos.evans@dallas.gov.



Carlos Evans
Director, Office of Environmental Quality and Sustainability

c: Tammy Palomino, City Attorney Mark Swann, City Auditor Billieae Johnson, City Secretary Preston Robinson, Administrative Judge Kimberly Bizer Tolbert, Deputy City Manager Jon Fortune, Deputy City Manager	Majed A. Al-Ghafry, Assistant City Manager M. Elizabeth (Liz) Cedillo-Pereira, Assistant City Manager Dr. Robert Perez, Assistant City Manager Jack Ireland, Chief Financial Officer Genesis D. Gavino, Chief of Staff to the City Manager Directors and Assistant Directors
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Memorandum



CITY OF DALLAS

DATE April 5, 2024

TO Honorable Chair Bazan and Members of the Environmental Commission

SUBJECT **Brownfields Redevelopment Program (BRP) Quarterly Update**

Background

In May 2023, the US. Environmental Protection Agency (EPA) awarded \$1.5M in grant funding to the City of Dallas. The City received \$1M for a Revolving Loan Fund (RLF) Grant, and \$500K for a Community-wide Assessment (CWA) Grant. The RLF Grant provides funding for site cleanup and remediation, while the CWA Grant provides funding for site assessment and remediation planning.

The Brownfields Redevelopment Program (BRP) works with the EPA, City of Dallas, and community stakeholders to address environmental obstacles that can hinder community revitalization and development. The BRP aims to drive sustainable economic growth to ensure a safe, clean environment, and improve quality of life for Dallas residents, particularly those living in historically disadvantaged communities such as south Dallas, Fair Park, and MLK Corridor. All areas within the geographic boundary of Dallas will be considered for brownfields funding.

The EPA Cooperative Agreement for both grants was accepted and approved by Dallas City Council in November 2023.

BRP Quarterly Update:

EPA Funding Approvals

The BRP received EPA funding approvals for both Assessment Grants and Cleanup Grants.

- **RLF Grant**, in March 2024, the BRP received EPA funding approval to provide ABCA (Analysis of Brownfield Cleanup Alternatives), Section 106 Historical preservation study, and site cleanup and abatement for the historic **Melissa Pierce School Project** in Joppa. The ABCA and Section 106 study are currently underway. A community involvement plan for this project is currently being drafted per EPA guidelines and should be completed ahead of the commencement of site cleanup activities. This site will be revitalized into a multipurpose center for the Joppa community.
- Additional site nominations from prospective sites are expected in the coming months. A second site nomination from the **Forest Forward District** is currently under review.

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- **CWA Grant**, in February 2024, the BRP received EPA funding approval for the **MLK Gateway Park** to conduct Phase I ESA and Phase II ESA (if needed). Site assessment activities commenced in late March. Gateway Park will be revitalized into an interactive public park for the Fair Park neighborhood. Additional site nominations from prospective sites are expected in the coming months

Community Engagement

- Held 2 quarterly meetings with Brownfield Advisory Committee Members and RLF Committee Members for stakeholder feedback.
- 10 site visits and community engagement events in Fair Park, South Dallas, MLK Corridor, Forest District and Jeffries Meyers neighborhoods. A Brownfields Prospective site revitalization tour is planned for April 15, 2024. On demand site visits are provided to stakeholders upon request.

GIS Update

The BRP partnered with Groundworks USA to assist with mapping brownfield properties within Dallas city limits. The goal of this map is to track properties that have utilized the BRP EPA grants and their status. In addition, the map will include brownfield properties that have been assessed and/or remediated in previous years by the City of Dallas.

Website

The BRP is continuously building the brownfields website. Our focus is to build a public resource library that contains information regarding the basics of brownfields, common contaminants, effective remediation techniques, and other brownfields related information.

Website:

<https://dallascityhall.com/departments/OEQ/brownfields/Pages/default.aspx>

Training

The BRP is working on providing environmental and redevelopment training for our stakeholders that will serve as a supplement to the information on the website.

Additional opportunities

- The BRP partnered with Groundwork USA for free technical assistance and community engagement planning.
- The BRP is collaborating with the University of Texas at Dallas for the first ever Brownfield Capstone Program between UTD MPA Students, EPA, and the City. The Capstone students are working on the City of Dallas Brownfields Strategic Plan.

DATE April 5, 2024
SUBJECT **SUBJECT**

Carlos Evans

Carlos Evans
Director

C: T.C. Broadnax, City Manager
Tammy Palomino, City Attorney
Mark Swann, City Auditor
Bilierae Johnson, City Secretary
Preston Robinson, Administrative Judge
Kimberly Bizer Tolbert, Deputy City Manager
Jon Fortune, Deputy City Manager

Majed A. Al-Ghafry, Assistant City Manager
M. Elizabeth (Liz) Cedillo-Pereira, Assistant City Manager
Dr. Robert Perez, Assistant City Manager
Jack Ireland, Chief Financial Officer
Genesis D. Gavino, Chief of Staff to the City Manager
Directors and Assistant Directors