



# City of Denton

City Hall  
215 E. McKinney St.  
Denton, Texas 76201  
www.cityofdenton.com

## Meeting Agenda

### Sustainability Framework Advisory Committee

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Wednesday, January 28, 2026

1:00 PM

CANCELLED

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**\*\*\*CANCELLATION NOTICE\*\*\***

**PLEASE NOTE - THIS MEETING WAS CANCELLED ON JANUARY 27, 2026  
AND WILL NOT TAKE PLACE.**

After determining that a quorum is present, the Sustainability Framework Advisory Committee of the City of Denton, Texas will convene in a Regular Meeting on Wednesday, January 28, 2026, at 1:00 p.m. in the Council Work Session Room at City Hall, 215 E. McKinney Street, Denton, Texas at which the following items will be considered:

#### 1. ITEMS FOR INDIVIDUAL CONSIDERATION

- A. [SFAC25-043](#) Consider approval of the December 12, 2025 minutes.
- B. [SFAC25-044](#) Receive a report, hold a discussion, and give staff direction on the adoption of the Sustainability Framework Advisory Committee 2026 Meeting Schedule.
- C. [SFAC26-046](#) Receive a report and hold a discussion regarding Fiscal Year 2025-2026 Quarter 1 incentive programs activity and updates.
- D. [SFAC26-047](#) Receive a report and hold a discussion regarding a summary of Sustainability education, outreach, and social media metrics for Fiscal Year 2024-2025.
- E. [SFAC26-048](#) Staff Reports
  - 1. WaterWise Staff Memo
  - 2. GreenSense Staff Memo
  - 3. Matrix

#### 2. CONCLUDING ITEMS

- A. Under Section 551.042 of the Texas Open Meetings Act, respond to inquiries from the Sustainability Framework Advisory Committee or the public with specific factual information or recitation of policy, or accept a proposal to place the matter on the agenda for an upcoming meeting AND Under Section 551.0415 of the Texas Open Meetings Act, provide reports about items of community interest regarding which no action will be taken, to include: expressions of thanks, congratulations, or condolence; information regarding holiday schedules; an honorary or salutary recognition of a public official, public employee, or other citizen; a reminder about an upcoming event organized or sponsored by the governing body; information regarding a social, ceremonial, or community event organized or sponsored by an entity other than the governing body that was attended or is scheduled to be attended by a member of the governing body or an official or employee of the municipality; or an announcement involving an imminent threat to the public health and safety of people in the municipality that has arisen after the posting of the agenda.

CERTIFICATE

I certify that the above notice of meeting was posted on the official website (<https://tx-denton.civicplus.com/242/Public-Meetings-Agendas>) and bulletin board at City Hall, 215 E. McKinney Street, Denton, Texas, on January 21, 2026, in advance of the three (3) business day posting deadline, as applicable, and in accordance with Chapter 551 of the Texas Government Code.

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**OFFICE OF THE CITY SECRETARY**

NOTE: THE CITY OF DENTON'S DESIGNATED PUBLIC MEETING FACILITIES ARE ACCESSIBLE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT. THE CITY WILL PROVIDE ACCOMMODATION, SUCH AS SIGN LANGUAGE INTERPRETERS FOR THE HEARING IMPAIRED, IF REQUESTED AT LEAST TWO (2) BUSINESS DAYS IN ADVANCE OF THE SCHEDULED MEETING. PLEASE CALL THE CITY SECRETARY'S OFFICE AT 940-349-8309 OR USE TELECOMMUNICATIONS DEVICES FOR THE DEAF (TDD) BY CALLING 1-800-RELAY-TX SO THAT REASONABLE ACCOMMODATION CAN BE ARRANGED.

**CITY OF DENTON SUSTAINABILITY  
FRAMEWORK ADVISORY COMMITTEE MINUTES  
December 12, 2025**

After determining that a quorum was present, the Sustainability Framework Advisory Committee of the City of Denton, Texas, convened in a Regular Meeting on Friday, December 12, 2025, at 1:00 p.m. in the City Council Work Session Room at 215 E. McKinney St, Denton, Texas.

PRESENT: Chair Edward Soph, Member Dave Helms, Member Adam Briggle, and Member Camelia Maier.

LEGAL REPRESENTATION: Christopher Mullins

ABSENT: Vice Chair Brand Richter

**REGULAR MEETING**

**1. ITEMS FOR INDIVIDUAL CONSIDERATION**

**A. SFAC25-039** Consider approval of the October 24, 2025, minutes.

Chair Soph requested consideration of the previous meeting minutes for October 24, 2025. Member Helm moved to approve the minutes. Member Maier seconded. Motion carried.

AYES (4): Chair Soph, Member Helms, Member Briggle, and Member Maier

NAYS (0): None

**B. SFAC25-040** Receive a report, hold a discussion, and give staff direction on a recommendation to City Council for adoption of the final draft of the Simply Sustainable Framework.

The item was presented and discussion followed.

Chair Soph motioned to move forward for the adoption of the Simply Sustainable Framework final draft with changes to include the expansion of the glossary and the addition of the definition of climate change. Member Briggle seconded the motion. Motion carried.

AYES (4): Chair Soph, Member Helms, Member Briggle, and Member Maier

NAYS (0): None

**C. SFAC25-041** Receive a report, hold a discussion, and give staff direction on the Sustainability Framework Advisory Committee 2026 Meeting Schedule.

The item was presented and discussion followed.

Staff will present a 2026 Meeting Schedule for approval by the Committee at the next meeting in January 2026.

**D. SFAC25-042** Staff Reports

1. Matrix Update Memo
2. Matrix

- Member Helms suggested a small-scale nuclear presentation to be put on the matrix as a future goal.

**2. CONCLUDING ITEMS**

With no further business, Chair Soph requested a motion to adjourn. Member Helms moved to adjourn. Member Maier seconded. Motion carried. Chair Soph closed the meeting at 1:30 p.m.

AYES (4): Chair Soph, Member Helms, Member Briggle, and Member Maier

NAYS (0): None

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**Edward Soph**  
**Chair**  
**City of Denton, Texas**

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**Meredith Owens**  
**Administrative Assistant III**  
**City of Denton, Texas**

*Minutes approved on:* \_\_\_\_\_



# City of Denton

City Hall  
215 E. McKinney Street  
Denton, Texas  
[www.cityofdenton.com](http://www.cityofdenton.com)

## AGENDA INFORMATION SHEET

**DEPARTMENT:** Environmental Services & Sustainability

**ACM:** **Frank R. Dixon, Assistant City Manager**

**DATE:** **January 28, 2026**

### **SUBJECT**

Receive a report, hold a discussion, and give staff direction on the adoption of the Sustainability Framework Advisory Committee 2026 Meeting Schedule.

### **BACKGROUND**

During the December 12, 2025 Sustainability Framework Advisory Committee (SFAC) meeting, the SFAC provided direction to continue to schedule meetings monthly with modifications for summer travel, Thanksgiving, and Christmas.

Staff reviewed preferences and prepared the attached meeting schedule for the SFAC consideration.

### **EXHIBITS**

1. Agenda Information Sheet
2. Meeting Schedule

Respectfully submitted:  
Katherine Barnett  
940-349-8202



## Environmental Services & Sustainability

1001 S. Mayhill Rd., Denton, TX 76208 • (940) 349-8205

### Sustainability Framework Advisory Committee 2026 Meeting Schedule

January 28, 2026

February 25, 2026

March 25, 2026

April 22, 2026

May 27, 2026

June 24, 2026

July 22, 2026 (Summer Break – **NO MEETING**)

August 26, 2026

September 23, 2026

October 28, 2026

November 25, 2026 (Thanksgiving Holiday – **NO MEETING**)

**December 9, 2026 (SPECIAL DATE)**

December 23, 2026 (Christmas Holiday – **NO MEETING**)

Meetings will typically be held on the fourth Wednesday at 1 p.m. in the City Council Worksession Room located in City Hall, 215 E. McKinney St., Denton, TX.

#### OUR CORE VALUES

Inclusion • Collaboration • Quality Service • Strategic Focus • Fiscal Responsibility



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## AGENDA INFORMATION SHEET

**DEPARTMENT:** Environmental Services & Sustainability

**ACM:** Frank R. Dixon, Assistant City Manager

**DATE:** January 28, 2026

### **SUBJECT**

Receive a report and hold a discussion regarding Fiscal Year 2025-2026 Quarter 1 incentive programs activity and updates.

### **BACKGROUND**

#### Sustainability Framework Fund Incentives Fiscal Year 2024-2025 Results

Fiscal Year 2024-2025 Program Results	Annual Funding	Number of Applications Approved	Total Rebates Paid	Percentage of Funding Expended
Electric Vehicle	\$150,000	98	\$98,000	65%
E-Bike	\$100,000	101	\$61,485	61%
Electric Lawn Equipment Pilot	\$50,000	361	\$58,062	116%

A total of 560 rebates (\$217,547) were issued through three incentive programs in Fiscal Year 2024-2025.

A total of 126 Electric Vehicle applications were processed, 98 were approved, totaling \$98,000. A total of 119 E-Bike applications were processed, 101 were approved, totaling \$61,485. For the Electric Lawn Equipment Pilot, a total of 391 applications were processed, 361 were approved, totaling \$58,062.

### **DISCUSSION**

#### Sustainability Framework Fund Incentives Fiscal Year 2025-2026 Q1 Results

Fiscal Year 2025-2026 Q1 Program Results	Annual Funding	Number of Applications Approved	Total Rebates Paid	Percentage of Funding Expended
Electric Vehicle	\$150,000	17	\$17,000	11%
E-Bike	\$100,000	49	\$27,094	27%
Electric Lawn Equipment	\$100,000	108	\$15,144	15%

In Q1 Fiscal Year 2025-2026, across three programs, a total of 174 rebates were issued totaling \$59,238.

A total of 33 Electric Vehicle applications were processed, 17 were approved, totaling \$17,000. A total of 56 E-Bike applications were processed, 49 were approved, totaling \$27,094. A total of 118 Electric Lawn Equipment applications were processed, 108 were approved, totaling \$15,144.

Electric Vehicle applications continued to slow in Q1 of FY 2025-2026, and only 11% of funding was expended. Of the 17 approved Electric Vehicle applications, 14 were for vehicles purchased prior to federal incentives expiring September 30, 2025. Staff plans to monitor and report rebate utilization to the Committee to allow additional funding considerations.

E-Bike applications are on track, and the average rebate has dropped to \$533 in Q1 Fiscal Year 2025-2026 from \$609 in Fiscal Year 2024-2025. The average purchase price has also decreased to \$1,193 in Fiscal Year 2025-2026 from \$1,599 in Fiscal Year 2024-2025.

Lawn Equipment applications are steady and expected to increase in Q2 Fiscal Year 2025-2026.

Staff continue to promote all incentives through the Sustainability Incentives page on the City of Denton Website. [Sustainability Incentives |Denton, TX](#), and through social media, newsletters, classes and presentations, and events throughout the community.

## **FUTURE CONSIDERATIONS**

### Low-Income E-Bike Program

The SFAC has previously expressed interest in supporting low-income E-Bike purchases. If Electric Vehicle applications remain flat, funding could be redirected to the E-Bike program to be used for an increased rebate level for income-qualified applicants. If the Committee is still interested, staff can review the existing income-qualified program feasibility with Legal and Procurement and present options at a future committee meeting.

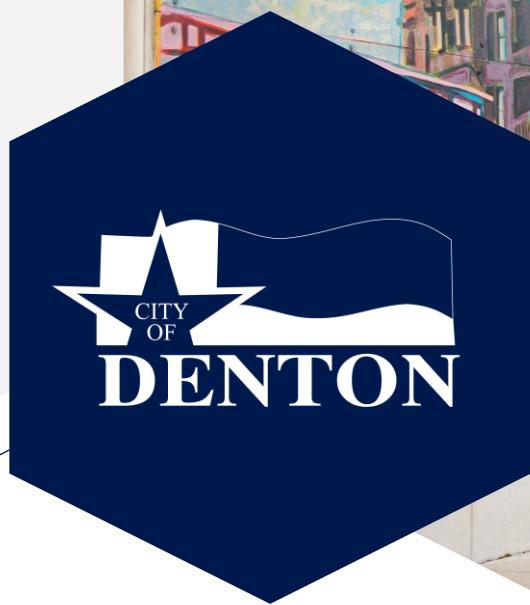
### Vouchers

The SFAC has previously expressed interest in supporting vouchers, or point of sale discounts, in place of or in addition to rebates. Staff recently became aware of a new voucher program planned to be offered by the City of Dallas; and plans to explore the feasibility of vouchers for City of Denton programs.

## **EXHIBITS**

1. Agenda Information Sheet
2. Presentation

Submitted By:  
Katherine Barnett  
Sustainability Manager



# **Sustainability Framework Fund Incentives Update Fiscal Year 2025-2026 Q1**

Environmental Services and  
Sustainability

January 28, 2026

# Today's Presentation

- Review Fiscal Year 2024-2025 Results
- Review Fiscal Year 2025-2026 Q1 Results
- Future Considerations
- Next Steps

# Sustainability Framework Fund

## Incentives Fiscal Year 2024-2025

### Results

Fiscal Year 2024-2025 Program Results	Annual Funding	Number of Applications Approved	Total Rebates Paid	Percentage of Funding Expended
Electric Vehicle	\$150,000	98	\$98,000	65%
E-Bike	\$100,000	101	\$61,485	61%
Electric Lawn Equipment	\$50,000	361	\$58,062	116%

# Sustainability Framework Fund

## Incentives Fiscal Year 2025-2026

### Q1 Results

Fiscal Year 2025-2026 Q1 Program Results	Annual Funding	Number of Applications Approved	Total Rebates Paid	Percentage of Funding Expended
Electric Vehicle	\$150,000	17	\$17,000	11%
E-Bike*	\$100,000	49	\$27,094	27%
Electric Lawn Equipment	\$100,000	108	\$15,144	15%

\*FY25/26 - E-Bike average rebate decreased from \$609 to \$533 & average purchase price decreased from \$1,599 to \$1,193 from FY24/25

# Future Considerations

- Review ability to create a low-income E-Bike Rebate program.
- Review ability to provide vouchers in place of or in addition to rebates for some rebate categories.

# Next Steps

- Staff will continue to monitor and report program results
- Review future considerations with appropriate City Departments.

# Questions

Katherine Barnett  
Sustainability Manager  
Environmental Services & Sustainability





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## AGENDA INFORMATION SHEET

**DEPARTMENT:** Environmental Services & Sustainability

**ACM:** **Frank R. Dixon, Assistant City Manager**

**DATE:** **January 28, 2026**

### **SUBJECT**

Receive a report and hold a discussion regarding a summary of Sustainability education, outreach, and social media metrics for Fiscal Year 2024-2025.

### **BACKGROUND**

Sustainability education and outreach programming focuses on topics within the Sustainability Framework, such as materials management (waste and recycling), air quality, water, energy, land use, and transportation. Social media provides an avenue to disseminate information, increase awareness, and provide additional learning opportunities.

#### Education and Outreach

Sustainability education and outreach include classes and workshops, tabling at events, activities, presentations, tours, and meetings. These engagement opportunities provide resources for our community to conserve energy and water, improve air quality, help native plants and wildlife, reduce waste, and recycle effectively to ensure a more sustainable future for Denton. The Denton Sustainable Schools Program intertwines sustainability messaging across multiple Sustainability Framework focus areas at age-appropriate levels for students, staff, and faculty.

In Fiscal Year 2024-2025, Sustainability staff participated in 172 events with a total attendance of 13,950 people. Tabling includes participating in various events, including City of Denton, University of North Texas, Texas Woman's University, Denton Independent School District, and other community events. Presentations this past year have included Backyard Chickens, City of Denton Incentives: Who's Eligible and How to Apply, Get Site to Site like a Dentonite, and Turf Lawn Alternatives, which inform residents on different Sustainability Framework focus areas. Tours of the recycling facility, City of Denton Landfill, Lake Lewisville and Lake Ray Roberts Water Treatment Plants, and Pecan Creek Water Reclamation Plant provide a behind-the-scenes view for residents and students to learn how they can incorporate sustainability into their everyday lives and interact with City of Denton services. Meetings are held with apartment complexes, schools, and businesses to determine collaborative opportunities for incorporating sustainability into their operations. Lastly, activities are any events where residents or students can actively participate while learning sustainability topics. Examples of activities from this past year include trivia nights, Great Backyard Bird Count, DIY Rainwater Harvesting, and STEM kit events.

## Total Events for Fiscal Year 2024-2025:

<b>October 1, 2024 - September 30, 2025</b>		
<b>Event Type</b>	<b>Number of Events</b>	<b>Total Attendance</b>
Activity	38	1,786
Meeting	4	44
Presentation	70	3,448
Tabling	49	8,468
Tours	11	204
<b>Totals:</b>	<b>172</b>	<b>13,950</b>

In comparison, total events for Fiscal Year 2023-2024, October 1 to September 30, were 160 with 10,748 attendees.

### Social Media

The Sustainability division manages both the Sustainability and Solid Waste and Recycling social media accounts. Sustainability uses platforms such as Facebook and Instagram as additional tools to reach residents on their screens. Solid Waste and Recycling uses Facebook, Instagram, X, and Nextdoor. All social media platforms are additional methods to communicate and educate residents within the community, and provide simple tips and reminders of upcoming workshops. Social media acts as an additional tool to further advance messaging to the broader community. All social media platforms noted an increase in followers over Fiscal Year 2024-2025.

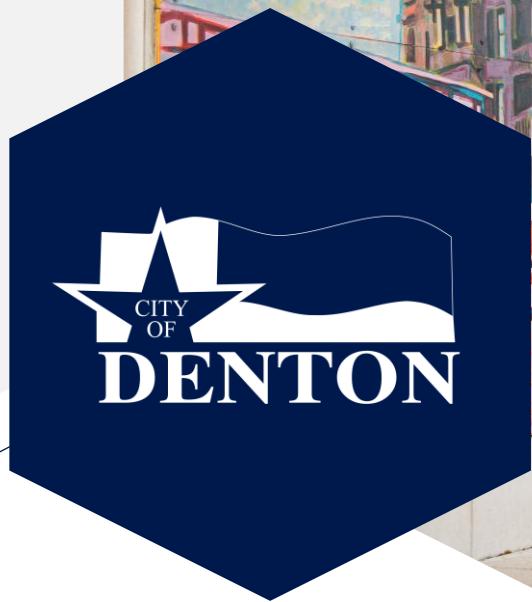
### UPCOMING EVENTS

- Gardening with Kitchen Scraps – January 31
- Bird Watching Basics – February 4
- Great Backyard Bird Count Hike – February 14
- Recycling 101 – February 19
- City of Denton Incentives – February 24
- Turf Lawn Alternatives – March 5
- Container Gardening – March 18
- Seed Starting – March 28

### EXHIBITS

1. Agenda Information Sheet
2. Presentation

Respectfully submitted:  
Karen Boerner  
Sustainability Engagement Specialist



# FY 24-25 Education and Outreach Recap

Karen Boerner  
Sustainability Engagement Specialist

Environmental Services & Sustainability

January 28, 2026

# Today's Focus

- Background of Sustainability Education
- Recycling Education
- Denton Sustainable Schools
- Sustainability Education
- Outreach and Events
- Social Media
- Upcoming Outreach and Events
- Discussion

# Background

- Sustainability Education
  - Launched in 2007 with Denton ISD Field Trips to Clear Creek Natural Heritage Center
  - Evolved and expanded over the last 19 years
- Denton Sustainable Schools
  - Established in 2004
  - Full program relaunch Fall 2022
- Recycling Education
  - Expanded in January 2021



## Education & Outreach

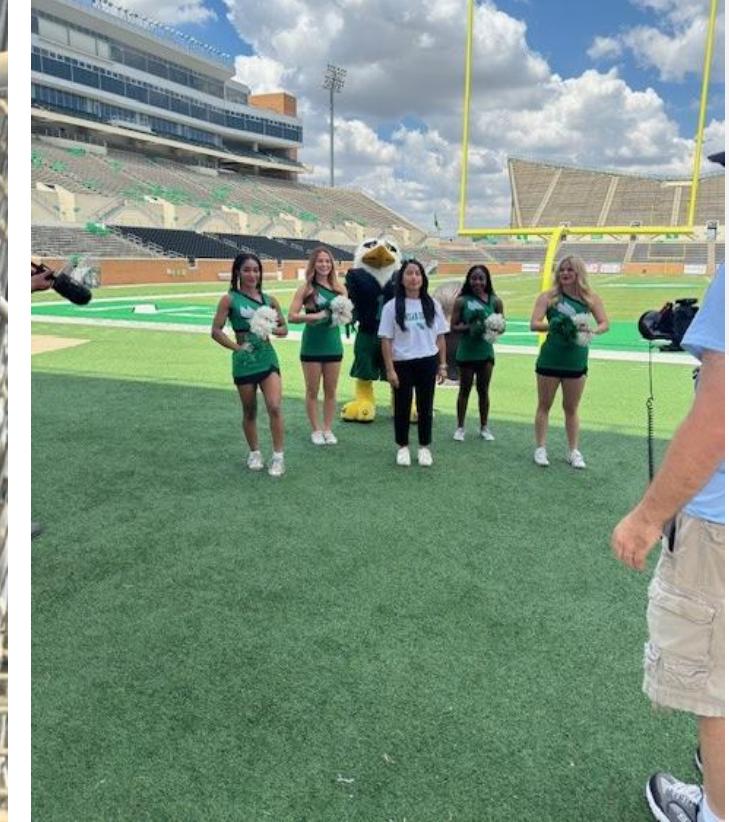
# Residential & Multifamily Recycling Education

- Education
  - PRATT Recycling Facility Tours
  - Recycling Classes
  - Presentations
  - Signage COD Buildings
- Outreach
  - Apartment Events
  - Campus Collaborations
  - Community Events
  - Texas Recycles Day

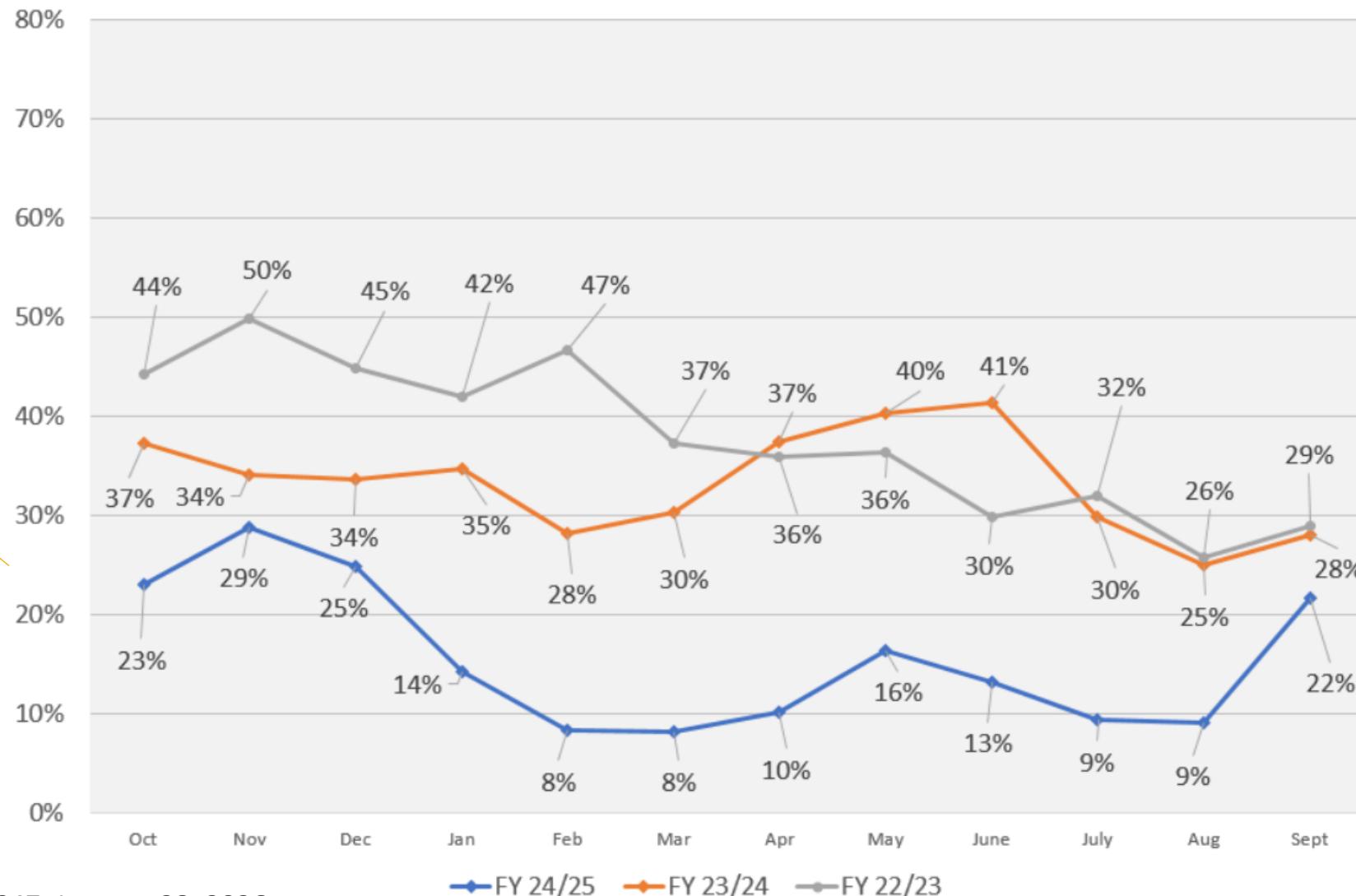


# Market Strategy

- Targeted Advertising
- Cartvertising
- Golden Triangle Mall
- UNT Athletics
- North TX Daily
- Spanish Radio
- Newsletters/Magazines
- Future Initiatives



# Overall Recycling Contamination Rate



# Denton Sustainable Schools

Participating Schools FY 24/25: 7 DISD 2

Private

- Sustainability Education
- School Challenges
  - Recycling Audit Winners - Ryan HS and Hodge Elementary
  - Sustainability Activity Winners - Shultz Elementary
- STEM Kit Check-Out
- Tours

Participating Schools FY 25/26: 10 DISD

1 Private

SFAC26-047, January 28, 2026



# Sustainability Education

- Education
  - Water & Energy Conservation
  - Wildlife and Wildflowers
  - Air Quality
  - Transportation
  - Local Food
- Outreach
  - Pop-up events
  - Universities
  - Community events



# Highlights

- TXSWANA Presentation
- TCEQ: Texas Environmental Excellence Award
  - Denton Sustainable Schools
- STAR: 2024 Excellence in Environmental Awareness Education
  - Denton Sustainable Schools
- Bird City Texas





# Social Media

# Sustainability

Today is the start of Fall  
**Bird Migration**

## Remember

Turn off all non-essential outdoor  
lighting from **11 p.m. to 6 a.m.**

- and -

**Apply decals** to outdoor facing windows  
to make them more visible to birds



sustainable  
**DENTON**

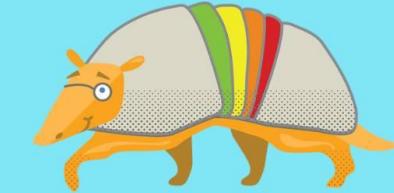
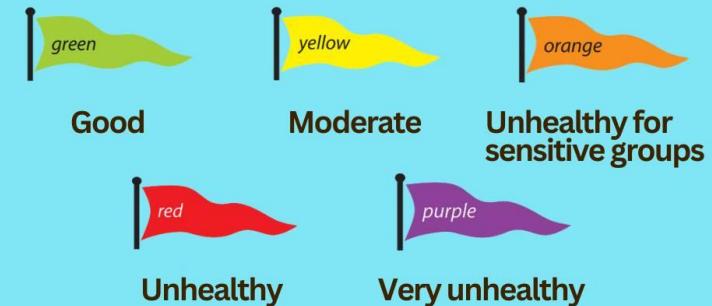
A circular graphic with a maroon background. The text "Refresh with a free fan" is written in large, white, serif font. Below the text is a silver oscillating fan. The background of the circle shows a sunset or sunrise with a few stars. At the bottom, there is descriptive text and a call to action.

Fans can make you feel up to 4 degrees cooler & cost pennies per month to operate

Register for a fan at  
[www.sustainabledenton.com](http://www.sustainabledenton.com)

Air quality is indicated by **different colors**, representing the impact on **public health**

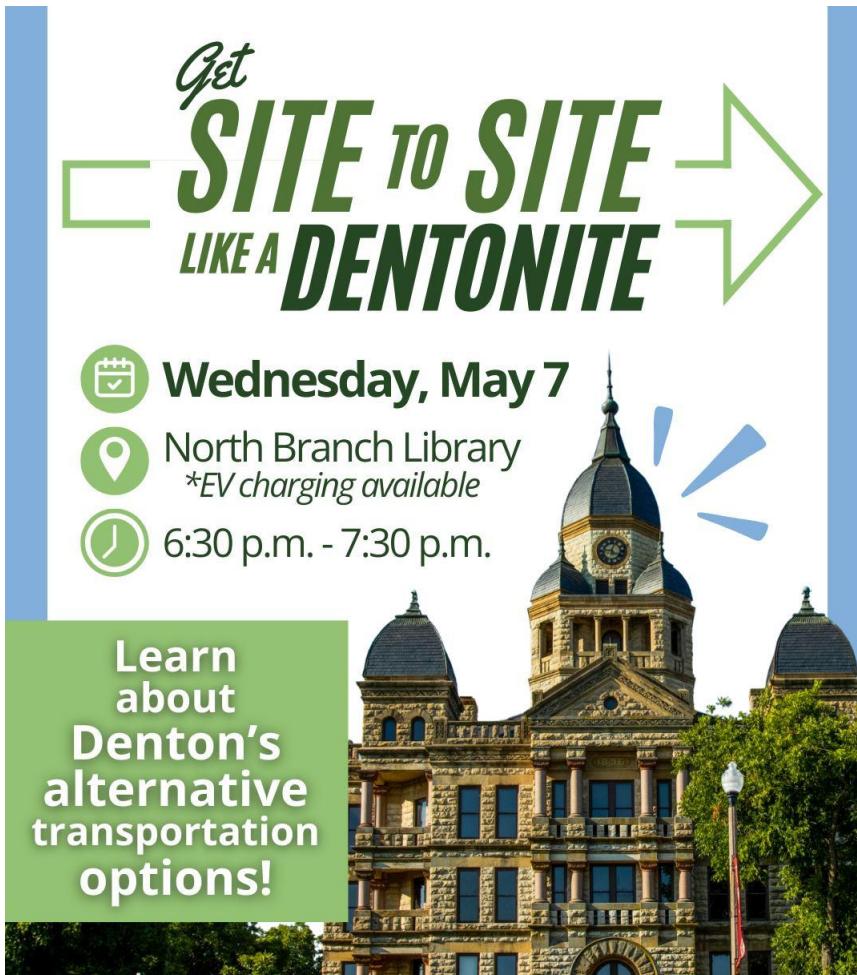


Continue to monitor Denton  
**air quality index (AQI)** at  
[www.sustainabledenton.com](http://www.sustainabledenton.com)



sustainable  
**DENTON**

# Sustainability



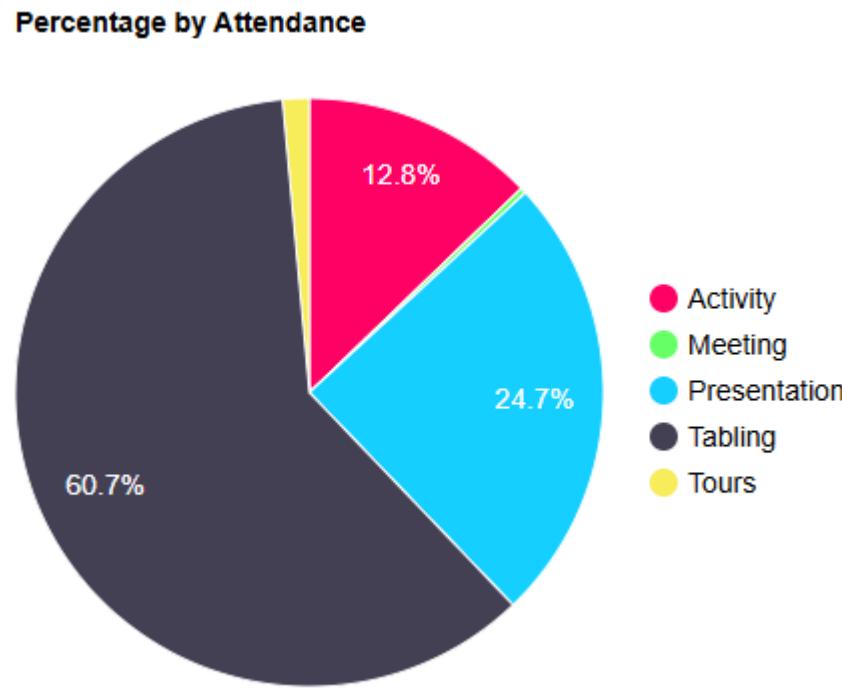
# Recycling





## Year-End Break Down

# Community Outreach FY 24/25

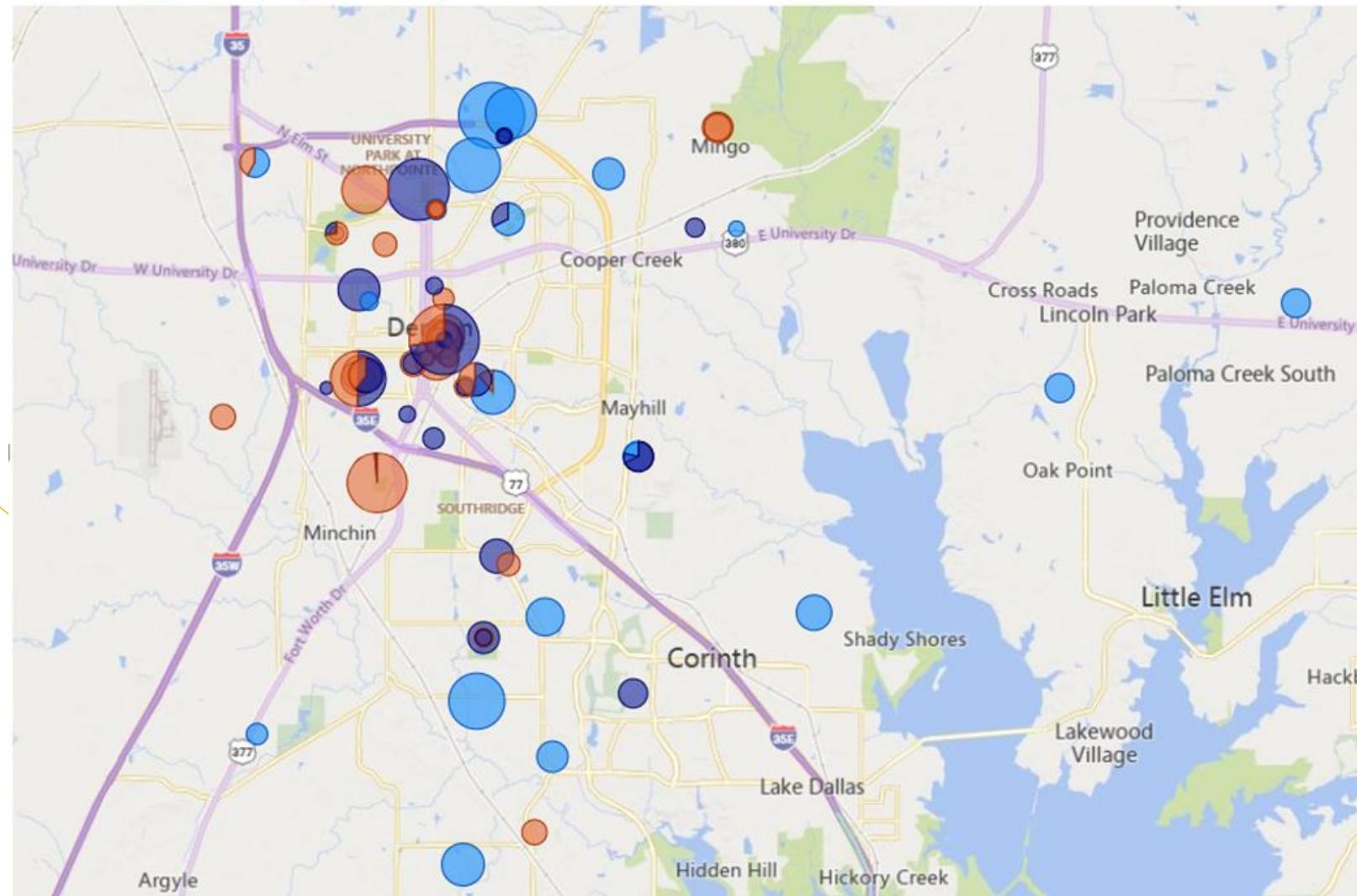


Total attendance:  
13,950

29.8% increase from FY 23/24  
attendance, 10,748

# FY 24/25 Locations and Attendance

Program Area • DSS • Recycling • Sustainability



# Upcoming

- Gardening with Kitchen Scraps - Jan. 31
- Bird Watching Basics - Feb. 4
- Great Backyard Bird Count Hike - Feb. 14
- Recycling 101 - Feb. 19
- City of Denton Incentives - Feb. 24
- Turf Lawn Alternatives - March 5
- Container Gardening - March 18
- Seed Starting - March 28
- ATMOS Tabling Event - March 28
- Get Site to Site Like a Dentonite - April 4



# Discussion





**MEMORANDUM**

**DATE:** January 28, 2026

**TO:** Sustainability Framework Advisory Committee

**FROM:** Shelby Robertson, Conservation Program Coordinator

**SUBJECT:** WaterWise Incentive Program Updates

**WaterWise Incentive Program**

The City of Denton Water Utilities and Sustainability staff collaborated to implement the WaterWise Incentive Program. This program started in March 2025 and currently offers Irrigation Evaluations, rebates for Smart Irrigation Controllers, Sprinkler Tune-Ups, and Turf Buy-Back.

Irrigation Evaluations are a no-cost service that helps residents identify necessary repairs, opportunities to upgrade, and adjustments to their irrigation schedule. The Smart Irrigation Controller Rebate covers 100% of the cost, up to \$300, for residents to update their irrigation controller to an EPA Watersense® controller. The Sprinkler Tune-Up Rebate provides a \$100 rebate for residents to hire a licensed irrigation professional for a sprinkler system tune-up. The Turf Buy-Back Rebate provides \$5.00 per square foot for the first 2,500 square feet converted (minimum 400 sq. ft. required) and \$3.50 per square foot for additional conversions up to 10,000 square feet to assist residents in reducing turf area and creating a sustainable landscape.

Rebate Type	Rebates
Irrigation Evaluations	Free
Smart Irrigation Controllers	100% up to \$300
Sprinkler Tune-Ups	Up to \$100
Turf Buy-Back	\$5 per sq. ft. for the first 2,500 sq. ft. \$3.50 per sq. ft. for 2,501 to 10,000 sq. ft.

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### Applications through 1/13/26

Incentive Type	Applications Submitted	Approved & Completed
Smart Irrigation Controller Rebate	57	27
Sprinkler Tune-Up Rebate	29	11
Turf Buy-Back Rebate	125*	14
<b>Total</b>	<b>261</b>	<b>52</b>

\*This number includes applications that were submitted but the applicant did not respond to a Turf Buy-Back Pre-Inspection appointment request.

### Application Rejections

Common reasons for application rejections

- Applicants do not meet program requirements
- Insufficient documentation
- Applicant does not respond to Turf Buy-Back Pre-Inspection request



**MEMORANDUM**

**DATE:** January 28, 2026

**TO:** Sustainability Framework Advisory Committee

**FROM:** Kaitlynn Mather, Conservation Program Coordinator

**SUBJECT:** Emissions Reductions from Fiscal Year 2024-2025 GreenSense Program

In Fiscal Year 2024-2025, the GreenSense Energy Efficiency Incentive Program (GreenSense) did not experience significant changes in funding levels when compared to the previous fiscal year. The program offering changes to GreenSense in Fiscal Year 2024-2025 included adding rebates for HVAC mini split systems and heat pump water heaters.

The most popular and cost-effective GreenSense rebates include HVAC, insulation, and window rebates. Of the 795 GreenSense rebate awards in Fiscal Year 2024-2025, 37.11% were HVAC, 7.42% were insulation, and 7.73% were windows. The following table shows the breakdown of the average cost for the top three GreenSense rebates, and the percentage of total project cost covered.

Equipment	Total Awarded	Average Cost	Average Rebate	Percent of Total Cost
HVAC	295	\$13,836.00	\$2,014.48	15.86%
Insulation	59	\$2,999.94	\$1,187.98	44.55%
Windows	58	\$13,908.00	\$1,390.00	16.00%

Kilowatt hour (kWh) reduction estimates and greenhouse gas equivalent (CO2e) reductions are estimated for HVAC, insulation, and windows. Calculations are based on the first 12 months rather than the lifetime of the equipment, which can vary. The following table shows the kWh avoided from the Fiscal Year 2024-2025 GreenSense rebates and the GreenSense cost to reduce.

Equipment	kWh Reduced	Cost Per kWh Reduced
HVAC	1,366,925	\$0.43
Insulation	71,644	\$0.98
Windows	656,240	\$0.12

During Climate Action Plan discussions, staff noted that more than 74% of homes in Denton were built in 2009 or earlier, creating a large portion of housing stock that would need to be upgraded to achieve climate goals. GreenSense assists residents in making energy efficiency

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upgrades to improve comfort and lower bills. Homes constructed in 2009 and earlier accounted for 67% of energy efficiency rebates in Fiscal Year 2024-2025.

A total of 2,094,809 kWh was reduced from the GreenSense HVAC, insulation, and window rebates, which is equivalent to 1,197 metric tons of greenhouse gas equivalent (CO2e) avoided. This CO2e reduction for Denton's region was estimated using the US Environmental Protection Agency Greenhouse Gas Equivalencies Calculator. This reduction has improved from the 725 metric tons of CO2e reduced from the same rebates in Fiscal Year 2023-2024.

1,197 metric tons of CO2e is equivalent to the emissions from:

- 134,651 gallons of gasoline consumed
- 1,329,248 pounds of coal burned for fuel
- 117,548 gallons of diesel consumed
- 3,047,320 miles driven by the average gasoline-powered passenger vehicle

In contrast, 1,197 metric tons of CO2e avoided is equivalent to carbon emissions avoided by:

- 423 tons of waste recycled instead of landfilled
- 1,200 acres of U.S. forests sequestering carbon in one year

## Future Items Matrix: Sustainability Framework Advisory Committee

No.	REQUESTOR	DATE REQUESTED	ITEM	PRIORITY	DEPARTMENTS INVOLVED
24-02	Soph	8/23/2024	Update on adopted climate action plan, presentation on priorities and timeline for adoption of those priorities, timeline for ordinances that might be adopted	Long Term - 3	ESS
24-05	Soph	12/13/2024	Update on carbon reduction estimates for Framework Fund items	Medium Term -2	ESS
25-01	Soph	1/24/2025	Consider an Environmental Impact Study for Hunter/Cole Ranch developments, similar to Fiscal Impact Study and City's goal for Net Zero.	Long Term - 3	ESS
25-04	Soph	2/13/2025	Consider the creation of a community awareness campaign to help the city reach its CAP/Net Zero goal.	Medium Term -2	ESS, MarCom
25-09	Richter	7/25/2025	Update on Denton's Flood Risk Planning	Medium Term -2	Risk, Engineering
25-15	Soph	7/25/2025	Consider Climate Risk Assessment of City's Infrastructure	Long Term - 3	Risk
25-19	Richter	8/22/2025	Requested annual and semi-annual analysis of the air quality data that the City captures, specifically the data that is captured but not seen on the dashboard for public viewing.	Medium Term -2	ESS
25-23	Soph	9/26/2025	Renewable Gas Landfill Plant presentation, which was presented at the City Council meeting, be presented at an SFAC meeting.	Short Term - 1	SWR
25-25	Soph	10/24/2025	Requested to initiate future discussions on having a new value of solar study done regarding the Simply Sustainable Framework Plan.	Short Term - 1	ESS/DME
25-26	Helms	12/12/2025	Requested a presentation about small-scale nuclear power.	Medium Term -2	ESS/DME

\*Short Term = 6 months

\*Medium Term = 1 year

\*Long Term = 1+ years