



City of Denton

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

Meeting Agenda Committee on the Environment

Tuesday, August 13, 2024

9:00 AM

Solid Waste Training Room

After determining that a quorum is present, the Committee on the Environment of the City of Denton, Texas will convene in a Regular Meeting on Tuesday August 13, 2024 at 9 a.m. in the Solid Waste Training Room at Solid Waste Administration, 1527 S. Mayhill Rd. Denton, Texas at which the following items will be considered:

1. ITEMS FOR CONSIDERATION

- A. [COE24-006](#) Consider approval of the April 23, 2024 minutes.

Attachments: [4-23-24 Minutes](#)

- B. [COE24-007](#) Receive a report and hold a discussion about commercial organics pilot program.

Attachments: [Exhibit 1 - Agenda Information Sheet](#)
[Exhibit 2 - Presentation](#)

- C. [COE24-008](#) Receive a report and hold a discussion about GreenSense Incentive Program expenditures.

Attachments: [Exhibit 1 - Agenda Information Sheet](#)
[Exhibit 2 - Presentation](#)

- D. [COE24-009](#) Staff Reports

1. Matrix

Attachments: [Exhibit 1 - Matrix](#)

2. CONCLUDING ITEMS

A. Under Section 551.042 of the Texas Open Meetings Act, respond to inquiries from the Committee on the Environment 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 August 8, 2024, in advance of the 72-hour posting deadline, as applicable, and in accordance with Chapter 551 of the Texas Government Code.

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 48 HOURS 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.



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Legislation Text

File #: COE24-006, **Version:** 1

AGENDA CAPTION

Consider approval of the April 23, 2024 minutes.

CITY OF DENTON COMMITTEE ON THE ENVIRONMENT MINUTES
April 23, 2024

After determining that a quorum was present, the Committee on the Environment of the City of Denton, Texas, convened in a Regular Meeting on Tuesday, April 23, 2024, at 9:30 a.m. at Pratt Industries, 1401 S. Mayhill Rd., Denton, Texas.

PRESENT: Chair Beck, Vice Chair McGee & Member Joe Holland

ABSENT: None.

REGULAR MEETING

1. ITEMS FOR INDIVIDUAL CONSIDERATION

A. COE24-001 - Consider approval of the November 14, 2023 minutes.

Member Holland moved to approve the item as presented. Motion seconded by Member McGee. Motion carried.

YES (3): Chair Beck, Vice Chair McGee & Member Joe Holland

NO (0): None

B. COE24-003 – Conduct a tour for members of the Committee on the Environment (COE) and Sustainability Framework Advisory Committee (SFAC) of the Pratt Recycling, Inc. facility located at 1401 S. Mayhill Rd, Denton, Texas.

Kim Jennings and Julissa Amador presented to the Committee and discussion followed.

Following discussion, members had questions that staff answered, members toured the Pratt Recycling facility, and no general changes were made to the Matrix.

2. CONCLUDING ITEMS

With no further business, the meeting was adjourned at 10:48 a.m.

BRIAN BECK
CHAIR
CITY OF DENTON, TEXAS

TASHA STobaugh
ADMINISTRATIVE ASSISTANT III
CITY OF DENTON, TEXAS

Minutes approved on: _____



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File #: COE24-007, **Version:** 1

AGENDA CAPTION

Receive a report and hold a discussion about commercial organics pilot program.



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AGENDA INFORMATION SHEET

DEPARTMENT: Solid Waste and Recycling

ACM: Frank Dixon, Assistant City Manager

DATE: August 13, 2024

SUBJECT

Receive a report and hold a discussion about commercial organics pilot program.

STRATEGIC ALIGNMENT

This action supports Key Focus Area: Promote Sustainability and the Environment.

BACKGROUND

Solid Waste and Recycling staff will provide additional information about the commercial organics pilot that was discussed briefly at the Recycling Facility tour.

EXHIBITS

Exhibit 1: Agenda Information Sheet
Exhibit 2: Presentation

Staff contact: Brandi Neal, 940-349-8027



Commercial Organics Pilot

Brandi Neal
Administration Manager
Solid Waste and Recycling
August 13, 2024

Background

- Comprehensive Solid Waste Management Strategy
- Diversion Goals
- Waste Characterization Study
- Food waste is 32% of the waste stream



Commercial Organics

- Front load containers
- Pre-consumer food waste
- 792 Tons in FY 22/23



Residential Organics

- Curbside Yardwaste Cart
- Pre-consumer Food Waste
- 26% participation rate



Commercial Organics Pilot

- Introduce Post Consumer Food Waste
- Partnership with Wastewater/Environmental Services
- Existing Infrastructure
- Grant Funded



Valet Service

- Downtown/Fry Street Area
- Carts service
- 150 customers
- Restaurant Focus



Equipment

- Grinder
- Pump
- Feed to the digester



Supplies

- Kitchen Bin
- Organics Cart
- Keys



Education and Outreach

- Business Visit
- Flyer
- Poster
- Educational Material



ORGANICS ONLY

Only place accepted items in this cart



MOLDY FOOD, FRUITS, VEGETABLES, EGGSHELLS



COOKED FOOD, BREADS & GRAINS, MEAT, BONES, & COFFEE GROUNDS

NO plastic bags, Styrofoam, napkins, tissues, greasy cardboard, paper plates, hazardous waste, or construction debris

DO NOT REMOVE FROM BUSINESS.

Prepared in cooperation with the North Central Texas Council of Governments through funding from the Texas Commission on Environmental Quality.
ADA/EO/ADA | TDD (800) 735-2989 | Pub 11/21



CITY OF DENTON ORGANICS PROGRAM



ACCEPTED

- VEGETABLES
- FRUITS
- EGGSHELLS
- POULTRY
- MEAT
- COOKED FOOD
- BREADS & GRAINS
- BONES
- COFFEE GROUNDS

PROHIBITED ITEMS

- PLASTIC BAGS
- STYROFOAM
- PLASTIC CONTAINERS
- PAPER PLATES
- PIZZA BOXES
- NAPKINS/TISSUES
- TRASH
- HAZARDOUS WASTE
- CONSTRUCTION DEBRIS



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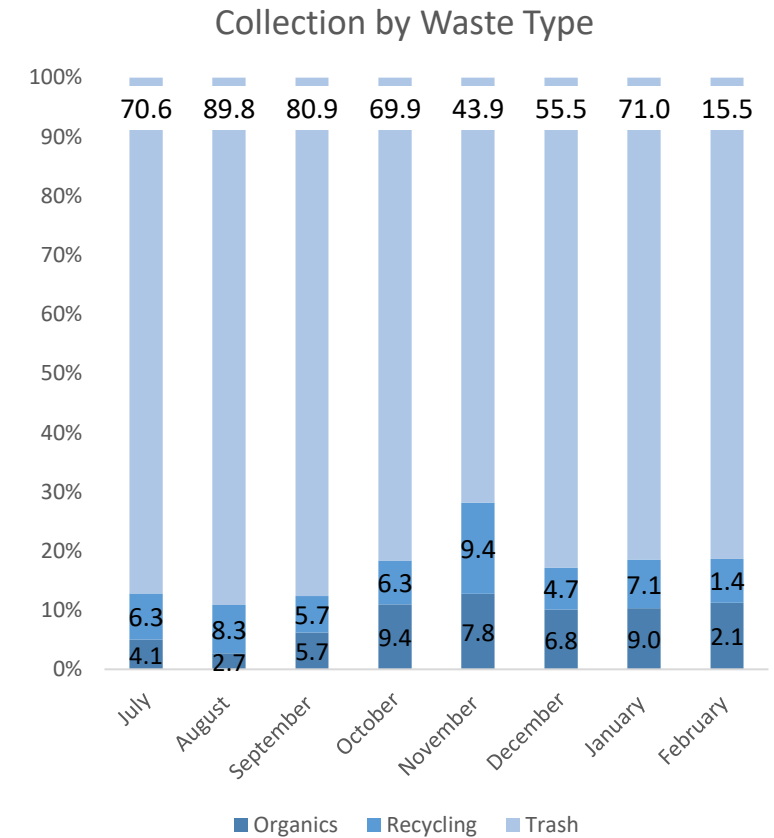
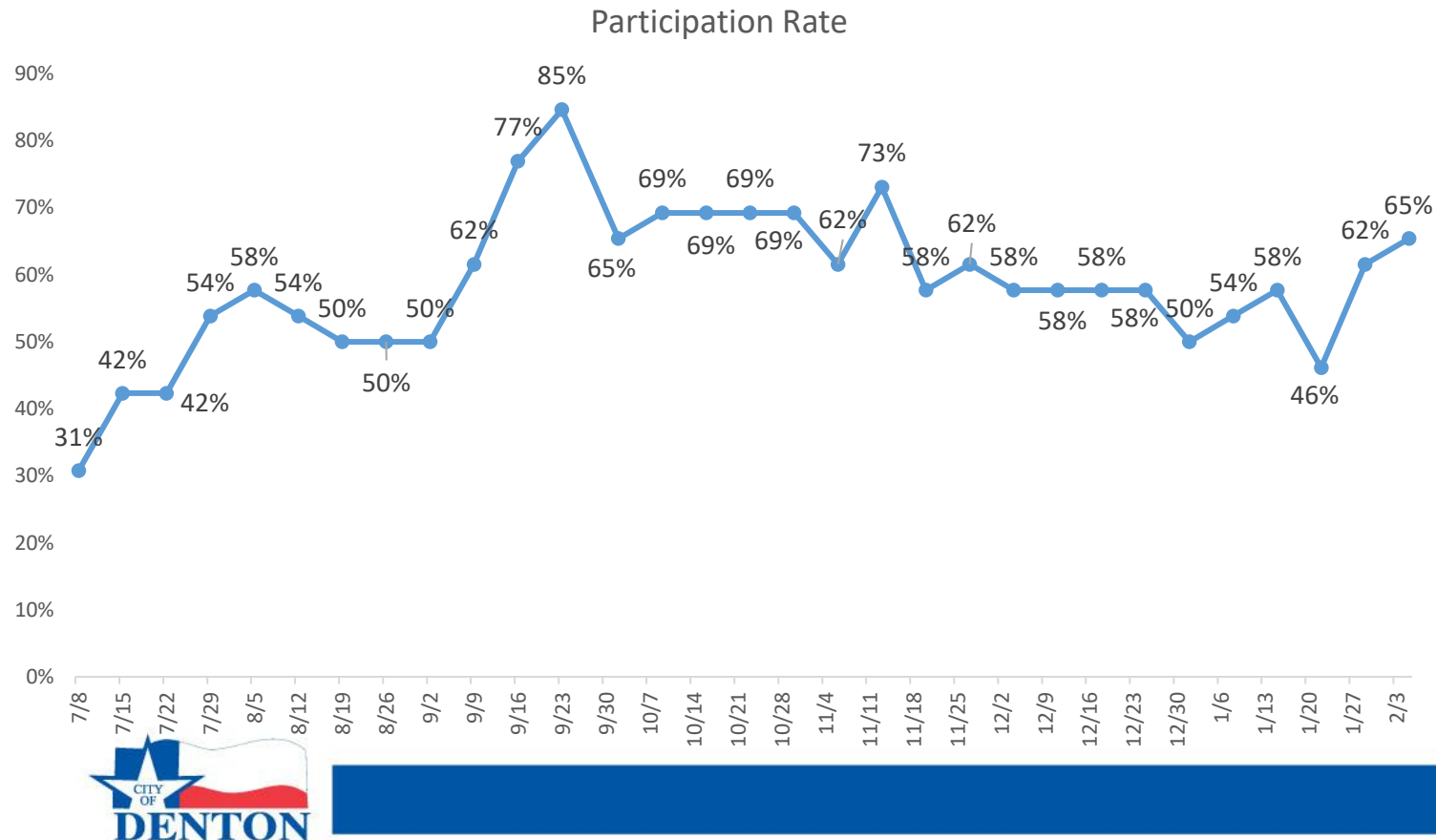
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Collection

- Valet Staff and Equipment
- Practice Round
- Contamination



Key Performance Indicators



Participant Survey

- 5 Questions
- Average Rating 4.88
- Most respondents said it was extremely easy
- Most reported problem was staffing issues
- Improvements - Make it mandatory!



ORGANICS PILOT PROGRAM

we want your feedback!



SCAN THE
QR CODE TO
TAKE THE
SURVEY.

PLEASE COMPLETE BY FEBRUARY 16, 2024.



CONTACT US



940.349.8700



solidwaste@cityofdenton.com

Next Steps

- Permanent Service for Valet
- Pending Texas Commission on Environmental Quality Approval
- Multi-stage Phases



Questions?

Brandi Neal

Administration Manager

Solid Waste and Recycling





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File #: COE24-008, **Version:** 1

AGENDA CAPTION

Receive a report and hold a discussion about GreenSense Incentive Program expenditures.



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AGENDA INFORMATION SHEET

DEPARTMENT: Environmental Services and Sustainability

ACM: Christine Taylor, Assistant City Manager

DATE: August 13, 2024

SUBJECT

Receive a report and hold a discussion about GreenSense Incentive Program expenditures.

BACKGROUND

The GreenSense program changes implemented for Fiscal Year 2024, (FY24) have been incredibly well received. As of May 31, 2024, staff has processed, 661 Applications and approved, 520 applications for rebates totaling \$637,208. Fans have been purchased for the annual giveaway and funds are encumbered for the Audit Program and Multifamily and Residential Conservation Kits.

Expenditures for the GreenSense Program

GreenSense Rebates	\$637,208
Annual Fan Giveaway	<u>\$34,330</u>
Audit program	\$10,000
Multifamily Kits	<u>\$6,000</u>
Total Expended	\$687,538
Remaining	\$312,462

Electric Vehicle and Electric Bike Rebates have depleted adjusted budget amounts and are on currently on hold pending available funding.

Staff will provide monthly GreenSense updates to the Committee, and if necessary, funding will be adjusted between categories as funding is depleted.

A revised GreenSense Manual will be presented at the next Committee meeting for review.

EXHIBITS

1. Agenda Information Sheet
2. Presentation

Respectfully submitted:
Katherine Barnett
Sustainability Manager



GreenSense Incentive Program Update

Katherine Barnett
Sustainability Manager
Environmental Services & Sustainability
August 13, 2024

Today's Focus

- GreenSense Incentive Program Fiscal Year 2024 Revisions
- GreenSense Incentive Program Expenditures
- Upcoming Events
- Next Steps



Background

- GreenSense Program began in 2009
- Prior to FY24 update the program incentive levels had been in place since FY 18
- Program is administered by Environmental Services and Sustainability and funded through DME (only DME customers are accepted)
- Energy efficiency focused on heating and cooling (HVAC, Insulation, Smart Thermostat, etc.)
- Funding of \$1,000,000 approved for FY24 GreenSense program



Fiscal Year 2024 GreenSense Program

Equipment	FY23 Rebate	FY24 Rebate
HVAC (less than 3 ton)	\$200	\$1,500
HVAC (3 or more ton)	\$400	\$2,000
Heat Pump (less than 3 ton)	\$200	\$2,000
Heat Pump (3 or more ton)	\$400	\$2,500
Smart Thermostat	50% up to \$50	100% up to \$100
Radiant Barrier	20% up to \$200	20% up to \$200
Attic Insulation	50% up to \$400	50% up to \$1500
Air Duct	30% up to \$200	30% up to \$400
Solar Screen	30% up to \$200	50% up to \$500
Windows	30% up to \$500	30% up to \$1500
Solar Hot Water Heater	30% up to \$300	30% up to \$300
Weatherization Materials	50% up to \$50	50% up to \$100
Electri Vehicle	NA	\$1,500
E-Bike	NA	50% up to \$1000
HVAC Tune up	NA	50% up to \$100
Multifamily (\$165,000)		
Fan Giveaway (\$35,000)		
Weatherization & EE Kit (tenant) (\$12,500)		
Audit program (\$60,000)		



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Estimated budget

Equipment	FY23 Rebate	FY24 Rebate	Estimated Budget
HVAC (less than 3 ton)	\$ 200	\$ 1,500	\$ 400,000
HVAC (3 or more ton)	\$ 400	\$ 2,000	
Heat Pump (less than 3 ton)	\$ 200	\$ 2,000	
Heat Pump (3 or more ton)	\$ 400	\$ 2,500	
Smart Thermostat	50% up to \$50	100% up to \$100	\$ 15,000
Radiant Barrier	20% up to \$200	20% up to \$200	\$ 2,500
Attic Insulation	50% up to \$400	50% up to \$1500	\$ 75,000
Air Duct	30% up to \$200	30% up to \$400	\$ 12,000
Solar Screen	30% up to \$200	50% up to \$500	\$ 9,200
Windows	30% up to \$500	30% up to \$1500	\$ 112,500
Solar Hot Water Heater	30% up to \$300	30% up to \$300	\$ 1,200
Weatherization Materials	50% up to \$50	50% up to \$100	\$ 2,500
Electric Vehicle	NA	\$ 1,500	\$ 45,000
E-Bike	NA	50% up to \$1000	\$ 20,000
HVAC Tune up		50% up to \$100	\$ 30,000
Multifamily			\$ 165,000
Fan Giveaway			\$ 35,000
Weatherization & EE Kit (tenant)			\$ 12,500
Audit program			\$ 60,000
			\$ 997,400



Fiscal Year 2024 GreenSense Program Highlights

• HVAC	\$365,910	9% remaining
• Windows	\$71,332	37% remaining
• Insulation	\$28,279	62% remaining
• Smart Thermostat	\$6,364	58% remaining



Fiscal Year 2024 GreenSense Program Highlights

- Electric Vehicle \$87,000 adjusted (\$45,000 to \$75,000)
- Electric Bike \$49,754 adjusted (\$20,000 to \$40,000)
- Multifamily \$115,000* adjusted (reduced \$50,000)

*reduced to adjust EV and E-bike levels



Fan Giveaway and GreenSense Awareness Events

- Denia Recreation Center (TBD)
- Martin Luther King Jr. Recreation Center (July)
- Senior Centers - pop up at scheduled events



Questions?

Katherine Barnett

Sustainability Manager

Environmental Services & Sustainability



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AGENDA CAPTION

Staff Reports
1. Matrix

COMMITTEE ON THE ENVIRONMENT NEW BUSINESS ACTION ITEMS MATRIX

	DATE REQUESTED	REQUESTOR	ITEM	DEPARTMENT	STATUS
1.	8/8/23	Beck	Presentation with PlanITGeo/discussion of urban gardens.	ESS/Parks	TBD
2.	10/10/23	All	Research cost of “silent” fireworks compared to traditional options	ESS	TBD
COMPLETED					
	6/13/23	McGee	North Central Texas Council of Governments Update	ESS	Complete/Nov.
	8/8/23	Beck	Joint Meeting with EPA		Complete/revisit if needed
	4/11/23	Davis	Streetlights – Dark Sky – new fixture	DME	DCRC
	12/13/22	McGee	Environment Legislative Update	ESS/CMO	As needed
	6/13/23	Beck	Requesting joint meeting/ work session w/ SFAC	ESS	Completed/April 2024