



MEMORANDUM

DATE: March 25, 2026
TO: Sustainability Framework Advisory Committee
FROM: Katherine Barnett, Sustainability Manager
SUBJECT: Sustainability Framework Advisory Committee Matrix Items

Climate Education (25-04)

Sustainability outreach in Denton is driven and primarily funded by City of Denton utility departments. The goal of outreach is to increase awareness and encourage action to achieve efficient energy, water, and waste use. Energy and water conservation efforts can improve housing affordability by improving efficiency and lowering the cost of ownership for new and existing construction. While partner departments and Sustainability do not directly focus on climate change education, most programs directly influence the goals of the Climate Action Plan. For example, Air Quality improvement outreach is a city-wide effort that employs engagement through incentives to encourage transportation and electric lawn equipment shifts.

Research from the Climate Action Plan shows residents are most concerned about extreme weather events such as heat waves, extreme cold or drought, and storms. Introductory classes providing a brief overview of air quality, transportation, and recycling continue to draw low attendance, leading staff to explore new incentives, formats, and locations to improve engagement. Staff have added climate-related resources to the Air Quality page to support residents seeking more information on factors affecting the local community (www.cityofdenton.com/airquality).

Climate Risk Assessment (25-15)

The Committee has a pending request to consider a Climate Risk Assessment of the City's infrastructure. The City does not have a contracted firm that could complete an assessment, and funding would need to be budgeted prior to beginning any procurement process. The resources below identify climate risks facing the state of Texas.

www.southernclimate.org

[SCIPP Simple Planning Tool for Climate Hazards in Texas
2024 Climate Report-compressed.pdf](#)

OUR CORE VALUES

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

Annual and Semiannual Analysis of City Air Quality Data (25-19)

Staff have been in contact with two University of North Texas programs that expressed interest in providing analysis of City air quality data. Staff are currently pursuing both opportunities and will update the SFAC as additional information is available.

Renewable Gas Landfill Plant Presentation (25-23)

The Committee requested the Renewable Gas Landfill Plant presentation, which was presented at the September 9, 2025 City Council meeting. File ID 25-1498 was considered and approved by the City of Denton City Council to award a Renewable Natural Gas (RNG) Facility contract to Mayhill Renewables, LLC. Staff have included the City Council Meeting Agenda item, the Exhibit 4 Presentation, and the meeting recording, which can be referenced using the following links. This item can be found at the 2:32:29 timestamp in the video. Staff will collaborate with the Solid Waste and Recycling Department and schedule a presentation for a project update at a future meeting.

[Meeting Agenda](#)

[Exhibit 4 - Presentation \(1\).pdf](#)

[Sep 09, 2025 City Council on 2025-09-09 2:00 PM \(SPECIAL CALLED\) - Denton, TX](#)

Request for New Value of Solar Study (25-25)

Denton's first Value of Solar Study was completed in May of 2024. Studies such as this are typically aligned with utility rate studies and completed approximately every 5 years. Future studies are planned to follow that approximate timeline.