



**Town of Davidson
Sustainability Board Regular Meeting
Community Room 120
251 South Street
Monday, July 21, 2025 at 6:30 PM**

I. CALL TO ORDER

II. WELCOME & INTRODUCTIONS

III. CHANGES TO THE AGENDA

IV. REVIEW/APPROVAL OF MINUTES

a. Meeting Minutes

Summary: Review meeting minutes from previous meeting for approval.

V. OLD BUSINESS

a. Staff Updates

Summary: Town staff liaison shares Town updates.

b. Subcommittee Reports

Summary: Sustainability Board Subcommittees report to Sustainability Board.

VI. NEW BUSINESS

a. Presentation by Davidson College Sustainability Scholar, Emily Schmitz

Summary: Emily Schmitz, Davidson College Sustainability Scholar, presents on her time as a summer intern with the Town of Davidson.

VII. ADJOURN

MEETING MINUTES
Sustainability Board
Town of Davidson, NC
June 16, 2025

A meeting of the Davidson Sustainability Board was held at 6:30 p.m. in the Community Room of the Davidson Town Hall & Community Center at 251 South Street.

- I. CALL TO ORDER:** 6:31 p.m.
- II. WELCOME & INTRODUCTIONS:**
 - a. Present Board Members:** Kasia Worsham, Matt Walt, Beth Wytiaz, Teresa Isakson, Sandy LaCorte, Veronica Westendorff, Juliette Sponsel
 - b. Absent Board Members:** Jenna Vujic, Tim Belitz, Cathy Denham, Anita Rajan, Andre Philips (Davidson College liaison)
 - c. Tardy Board Members:** NA
 - d. Town Representatives:** Kayla Kovach, Andrew Sileo, Emily Schmitz (summer intern)
- III. CHANGES TO THE AGENDA:**
 - a. Requested changes to the agenda: N/A
- IV. REVIEW/APPROVAL OF THE MINUTES:**
 - a. Review/Approval of the May 19, 2025 minutes:
 - i. Motion to recommend approval of the minutes:
 - 1. Motion: Sandy LaCorte
 - 2. Second: Veronica Westendorff
 - 3. Vote: unanimous, motion passed
- V. NEW BUSINESS:**
 - i. No new business
- VI. OLD BUSINESS:**
 - a. Staff Updates:**
 - i. The Solarize Charlotte-Mecklenburg launch event will take place on Wednesday, June 25 at 6 PM at the Innovation Barn in Charlotte. You can reserve your spot for the event online. You can also pre-enroll if

you are interested in adding solar to your home on the Solarize Charlotte Mecklenburg website.

- ii. The Davidson Plastic Free challenge is taking place again this July! You can sign up now on the Town of Davidson Sustainability webpage. This challenge is about doing what you can to reduce plastic in your daily life – not about being perfectly plastic free.
- iii. Party with Parks and Rec Day will take place on July 26 from 11 am to 2 pm at Beaty Park. This fun event will be in celebration of National Parks and Recreation Month. You'll get to interact with the Town's Parks and Recreation Department staff, listen to live music, play games, and more!
- iv. Davidson Parks and Recreation Department was selected for the National Recreation and Park Association Sustainability in Practice Program. As part of this opportunity, Davidson Lands Conservancy will receive a \$10,000 stipend to support their continued work and participation.
- v. NASA DEVELOP air quality report under review.

b. Subcommittee Updates:

i. Trees, Natural Assets, and Resource Conservation

Continued discussions around information they would like to provide to developers about sustainable landscaping/planting options.

ii. Energy and Climate Resilience

Working document drafted for sustainable buildings policy for municipal buildings.

VII. ADJOURNMENT: 6:43 p.m.

- a. Motion: Sandy LaCorte
- b. Second: Veronica Westendorff
- c. Vote: unanimous, motion passed

Solarize Charlotte-Mecklenburg



Introducing Solarize Charlotte-Mecklenburg

What is Solarize Charlotte-Mecklenburg?
 A community-based group-purchasing program for solar energy and battery storage to increase resilience, reduce energy expenses, and save on the cost of renewable energy systems through volume discounts.



Learn More!
 Sign up for a free evaluation and learn about the campaign by scanning the QR code or visiting our website www.solarizecharmack.com



[Solarize Charlotte-Mecklenburg | Solar CrowdSource](http://www.solarizecharmack.com)

Davidson Plastic Free Challenge

5 REASONS TO JOIN

- Most plastics are not recyclable
- Plastics pollute our environment
- Microplastics affect our health
- Plastics are primarily made from fossil-fuels
- There are so many alternatives to plastic products!

Join today to be part of the Town's Climate Action work!

JOIN THE CHALLENGE!

 **PLASTIC FREE CHALLENGE**
JULY 1-31



This July, join the Davidson Plastic Free Challenge to reduce your plastic use! Use the QR code to learn more, sign up and enter a drawing for an eco-friendly prize.

TOWNOFDAVIDSON.ORG/
SUSTAINABILITY

Direct Pay Roundtable

We are specifically targeting entities that have placed – or will place – projects in service in 2025. Eligible projects include solar, geothermal, EV chargers, EV purchases, and more.

Kindly RSVP by registering via this link:
<https://forms.office.com/r/9c901X2chy>

Join us to learn about Elective Pay

Public Meeting Room at the
Bryce A Stuart Building
Winston-Salem
Wednesday, July 30
10:00am - 12:00pm

We're organizing information sessions in Raleigh, Winston-Salem, and Asheville to help local governments, non-profits, public school districts, houses of worship, and others access the funds they've earned - or will earn - by investing in clean energy.

We'll be providing information and resources to communities across North Carolina to help them make use of Elective Pay (also called "Direct Pay") so they can get reimbursed for their investments in technologies like solar power, geothermal, battery storage, electric vehicles & EV chargers.



Party with Parks and Rec Day

LIVE MUSIC
FEATURING THE
Cooties

The Town of
Davidson

PARTY with
PARKS & REC

JULY 26 | 11AM - 2PM @ BEATY PARK
832 BEATY ST., DAVIDSON, NC 28036



Town News Center • Party with Parks & Rec

NASA DEVELOP



EARTH SCIENCE
APPLIED SCIENCES

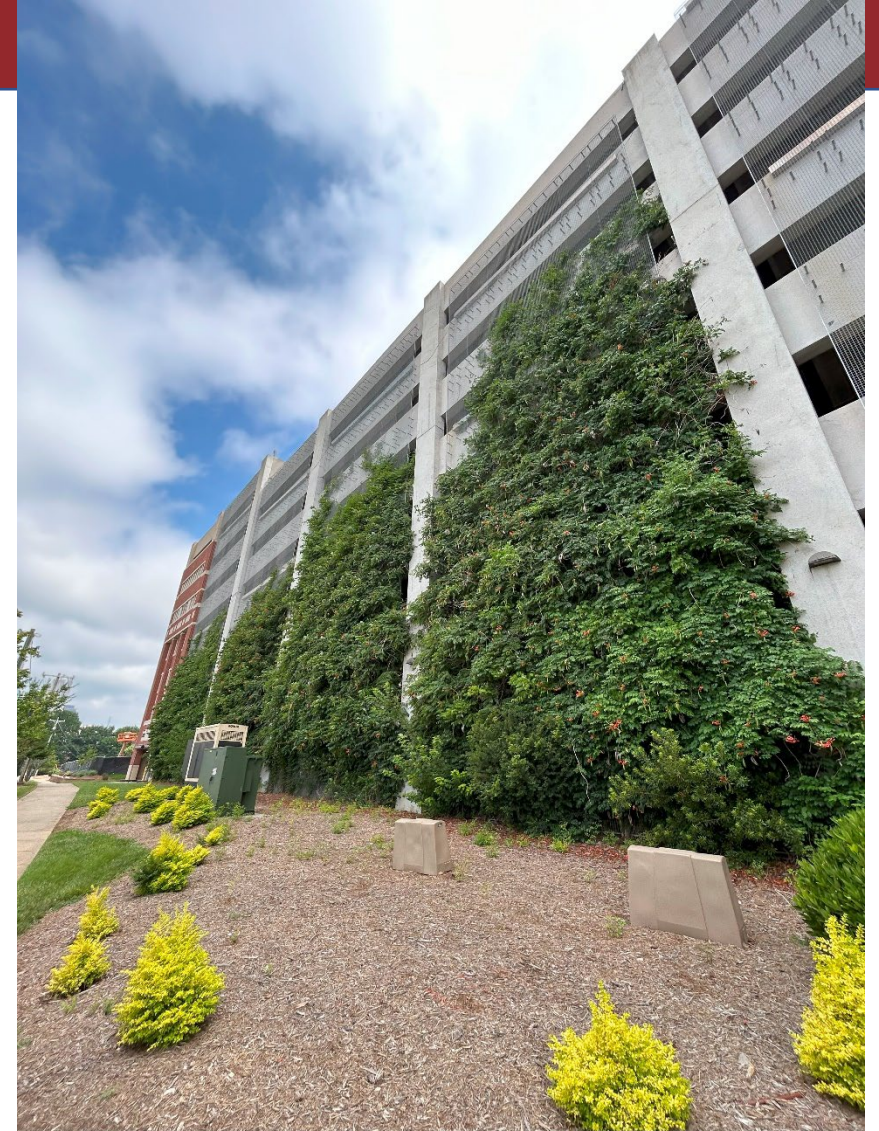
DEVELOP PROJECTS

APPLYING EARTH OBSERVATIONS



[Apply to DEVELOP | NASA Applied Sciences](#)

CPCC Parr Center Green Roof Tour



Charging Smart Program



Join local governments with nationally recognized **EV charging** achievements!

Charging Smart Is Now National!

Charging Smart is available to support local governments across the U.S. By removing barriers to EV deployment, participating communities can unlock economic development, cleaner air, and other local benefits while maintaining project safety. Local governments can earn Bronze, Silver, or Gold designations, providing national recognition of their status as an EV-friendly community.

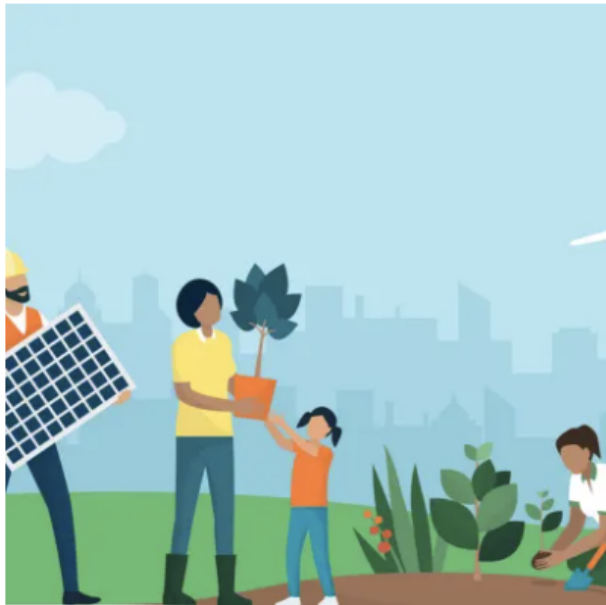
Energize NC



The EnergizeNC Coalition will be hosting a monthly virtual working group for stakeholders interested in community solar in North Carolina. The working group meets on the third Wednesday each month. Interested parties are encouraged to register with the link below. Also, be sure to sign up for updates on the program overall at [EnergizeNC.com](https://energizenc.com). Registration link: https://ncsu.zoom.us/meeting/register/oRuT_GNITxC12wZr_J2iZw

NRPA Sustainability in Practice Program

Sustainability in Practice



Peer Learning Opportunity for Environmental Sustainability

Parks across the country are striving to meet the needs of their local communities while navigating unique and ever-changing environmental circumstances. NRPA is offering a 16-week immersive, cohort-style program for park professionals with a vested interest in equitable environmental resilience that are ready to take the next step or not sure where to begin.

Park agencies are invited to apply alongside a partner community-based organization to increase their knowledge, understanding and implementation of environmental sustainability planning and practices through technical assistance, practical application, and peer learning opportunities to support them as they develop and implement community-driven sustainability practices at parks.

[Apply Here](#)

Quarterly Update



www.townofdavidson.org | 704-892-3349 | dpr@townofdavidson.org



The Town *of*
Davidson

*Sustainability Quarterly
Update*

SUMMER 2024



[Sustainability Quarterly Updates](#) | [Davidson, NC - Official Website](#)

Town of Davidson Sustainability Scholars

—
Internship June-July 2025



Hello!

Emily Schmitz
Davidson College, Class of 2028
Town of Davidson Sustainability Scholar



Two primary projects:



Camp Davidson: Townie Trek and Trails

I planned and designed a “Sustainability Day” for Camp Davidson summer programming in August.



Climate Action Plan Report

I reviewed and summarized data for Kayla’s annual Climate Action Plan report.





“Townie Camp”

- Energy Efficiency, Water Efficiency, Recycling, Composting, and Clean Transportation
- Research, PowerPoint design, activity planning
- Focused on Davidson
- Significance of individual sustainability efforts
- Creative fun :)





Sustainability at Home

Welcome to Sustainability Day!



Sustainability at Home

Welcome to Sustainability Day!

1



Welcome!

Share:

- Your name
- What grade you'll be in next year
- What does **sustainability** mean to you?

2

★



What does sustainability mean?

"Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

—UN World Commission on Environment and Development

3

★

When we aren't sustainable, we cause a lot of problems for our planet.



4

★

Question: how can we be more sustainable?

Answer: Start at home!



5

★



6

★



O1 Energy Efficiency

7

Where does our energy come from?



8

★

What kind of energy do we use?



What happens when we use a lot of energy?



- Power plants need coal, cleaning, and infrastructure.
- Power plants produce waste. Use with Power Plant Waste Cleanup Infrastructure and incineration.
- Energy from fossil fuels releases dangerous chemicals.




O2 Water Efficiency

Climate Action Plan Data Review

- Compiling + presenting data on Climate Action Plan progress
- Excel, communication, problem-solving, process documentation
- Ideals alongside practical implementation



Streetlights and Outdoor Lights

2024 Duke Energy SL Data

	No. of LED	LED Usage (kWh)	No. MH	MH Usage (kWh)	No. HPSV	HPSV Usage (kWh)	No. MV	MV Usage (kWh)	Total no. of lights	Total kWh
Streetlights	70	1604	7	525	38	1979	0	0	115	4108
Primary Street Lights	319	6750	9	723	429	25381	148	10350	905	43204
TOTAL	389	8354	16	1248	467	27360	148	10350	1020	47312

2024 Duke Energy OL Data

	No. of LED	LED Usage (kWh)	No. MH	MH Usage (kWh)	No. HPSV	HPSV Usage (kWh)	No. MV	MV Usage (kWh)	Total no. of lights	Total kWh
Outdoor Lights	4	72	27	903	13	611	0	0	44	1586
Outdoor Lights (Metered)	0	0	0	0	0	0	0	0	0	371
TOTAL	4	72	27	903	13	611	0	0	44	1957

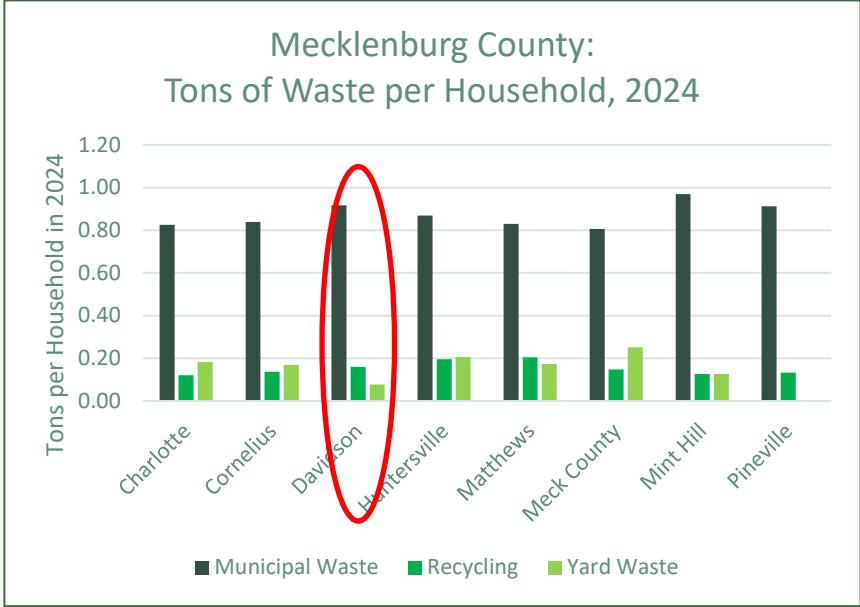
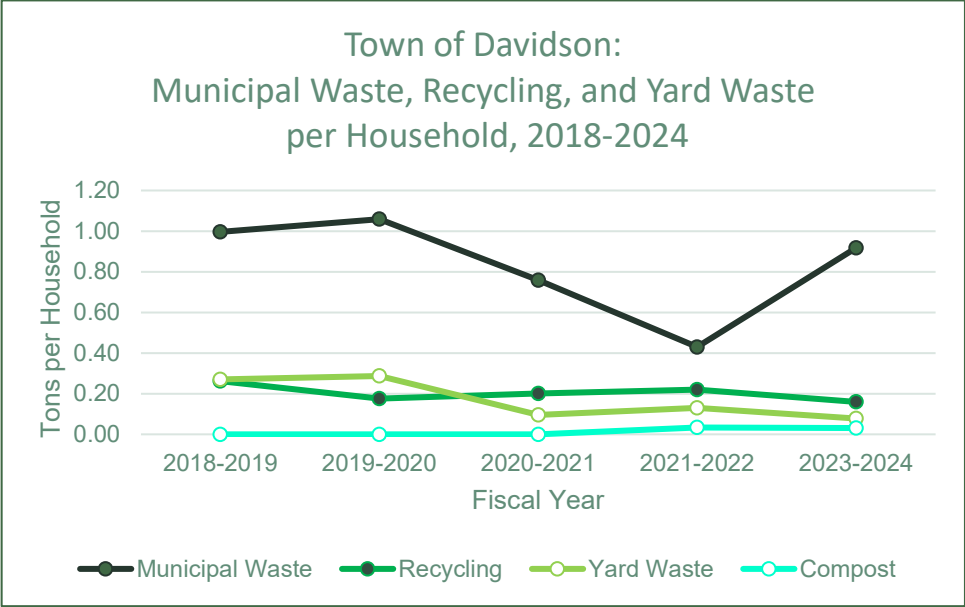
2024 EnergyUnited Energy SL Data

	Total no. of lights	Total kWh
Streetlights	185	8687
TOTAL	185	8687

Streetlights and Outdoor Lights

2024 Duke Energy Lighting Data	
Total No. Lights (Nov. 2024)	Total Lighting kWh used (Nov. 2024)
1453	49269
2024 EnergyUnited Lighting Data	
Total No. Lights (Nov. 2024)	Total Lighting kWh used (Nov. 2024)
185	8687
2024 All Energy Lighting Data	
Total No. Lights (Nov. 2024)	Total Lighting kWh used (Nov. 2024)
1638	57956

Waste Reporting



Vehicle Registration

Vehicle Registration Data 2019-2025

	2019	2020	2021	2022	2023	2024	2025
% of clean vehicles in the Town of Davidson	3.31	3.62	3.98	5.20	6.81	9.03	11.23
% of clean vehicles in Mecklenburg County	1.96	2.19	2.24	2.73	3.38	4.54	5.96

Fleet Electrification

Fuel Consumption 2024						
Vehicle Type	Fuel Details	Police	Fire	Public Works	Total	
Gas (Scope 1)	No. Vehicles		38	5	13	56
	Gallons Consumed	29,756.83		1,511.24	2,775.21	34,043.29
Diesel (Scope 1)	No. Vehicles		0	6	12	18
	Gallons Consumed	-		4,851.18	2,651.77	7,502.95
Electric (Scope 2)	No. Vehicles		1	0	0	1
	Gallons Consumed	-		-	-	-

The Town of Davidson



**POLICE
DEPARTMENT**

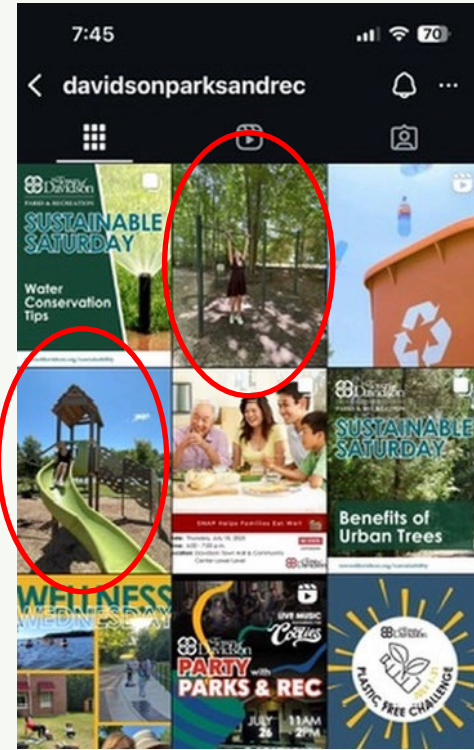
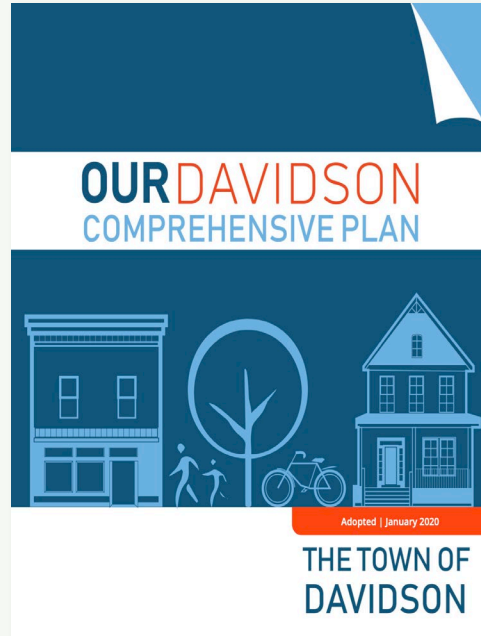


The Town of Davidson

PUBLIC WORKS



Research



Communication



Adventures





Professional Takeaways

- Sustainability literacy + experience
- Technical skills
- Working with Kayla :)



Personal Takeaways

- Work + life experience
- Interpersonal connections
- (Almost) a townie :)



Thank
You!





Thank You!

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IMAGE CREDITS:

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