

CITY OF URBANA SUSTAINABILITY ADVISORY COMMISSION

DATE: Tuesday, May 07, 2024

TIME: 7:00 PM

PLACE: 400 South Vine Street, Urbana, IL 61801

AGENDA

- A. Call to Order and Roll Call
- B. Approval of Minutes of Previous Meeting
 - 1. Minutes March 5, 2024
- C. Public Input
- D. Presentations
 - 1. Staff Report
- E. Unfinished Business
 - 1. Mayor/City Council Strategic Goals for 2024-2025 Discussion
- F. New Business
 - 1. Community Environmental Grants Discussion
- G. Adjournment

PUBLIC INPUT

The City of Urbana welcomes Public Input during open meetings of the City Council, the City Council's Committee of the Whole, City Boards and Commissions and other City-sponsored meetings. Our goal is to foster respect for the meeting process, and respect for all people participating as members of the public body, city staff, and general public. The City is required to conduct all business during public meetings. The presiding officer is responsible for conducting those meetings in an orderly and efficient manner. Public Input will be taken in the following ways:

Email Input

In order to be incorporated into the record, emailed public comments must be received prior to 5:00 pm on the day preceding the meeting and sent following email address: srtess@urbanaillinois.us

The subject line of the email should include "PUBLIC INPUT", the board/commission name, and the meeting date. Emailed public comments labeled as such will be incorporated into the public meeting record, with personal identifying information redacted.

Written Input

Any member of the public may submit their comments addressed to the members of the public body in writing. If a person wishes their written comments to be included in the record of Public Input for the meeting, the writing should so state. Written comments must be received prior to the closing of the meeting record (at the time of adjournment unless otherwise noted).

Verbal Input

Protocol for Public Input is one of respect for the process of addressing the business of the City. Obscene or profane language, or other conduct that threatens to impede the orderly progress of the business conducted at the meeting is unacceptable. Public comment shall be limited to no more than five (5) minutes per person. The Public Input portion of the meeting shall total no more than two (2) hours, unless otherwise shortened or extended by majority vote of the public body members present. The presiding officer or the city clerk or their designee, shall monitor each speaker's use of time and shall notify the speaker when the allotted time has expired. A person may participate and provide Public Input once during a meeting and may not cede time to another person, or split their time if Public Input is held at two (2) or more different times during a meeting. The presiding officer may give priority to those persons who indicate they wish to speak on an agenda item upon which a vote will be taken. The presiding officer or public body members shall not enter into a dialogue with citizens. Questions from the public body members shall be for clarification purposes only. Public Input shall not be used as a time for problem solving or reacting to comments made but, rather, for hearing citizens for informational purposes only. In order to maintain the efficient and orderly conduct and progress of the public meeting, the presiding officer of the meeting shall have the authority to raise a point of order and provide a verbal warning to a speaker who engages in the conduct or behavior proscribed under "Verbal Input". Any member of the public body participating in the meeting may also raise a point of order with the presiding officer and request that they provide a verbal warning to a speaker. If the speaker refuses to cease such conduct or behavior after being warned by the presiding officer, the presiding officer shall have the authority to mute the speaker's microphone and/or video presence at the meeting. The presiding officer will inform the speaker that they may send the remainder of their remarks via e-mail to the public body for inclusion in the meeting record.

Accommodation

If an accommodation is needed to participate in a City meeting, please contact the City at least 48 hours in advance using one of the following methods:

Phone: 217.384.2455

Email: hro@urbanaillinois.us

Watching the Meeting via Streaming Services

The meeting will be streamed live at https://livestream.com/urbana. The recorded video will be available on the City's website.

Item D1.



SUSTAINABILITY ADVISORY COMMISSION

TO: Urbana Sustainability Advisory Commission FROM: Scott R. Tess, Sustainability & Resilience Officer

DATE: March 29, 2024

RE: Staff Report

Facilities

Staff has selected a proposal for a 6kw DC solar installation on the roof of the now one year old Storage Building at the Public Works campus.

Geothermal Urbana-Champaign

The 2024 program has selected Design Air as the installer and has published Geo Power Hour dates.

Solar Urbana-Champaign

The 2024 program has selected Route 66 as the installer and has published Solar Power Hour dates.

U-Cycle

The Spring electronics recycling event registration opens the week of April 1. The event will be held on Saturday, May 18, 2024, at Parkland College in Champaign. Event registration details and a list of items accepted at the event can be found online at: ecycle.simplybook.me (attached is a postcard)

The annual waste management report for CY 2023 is attached as well.

Public Engagement

Staff spoke at Illinois Institute for Rural Affairs on advancing renewable energy. Staff spoke at the Great Plaines Institute Low-Impact Solar Development Opportunity on Brownfields and Mined Lands workshop on our low income community solar development. Staff spoke on The Clean Power Hour podcast about our low income community solar development.

Staff spoke at the Center for Urban and Rural Environmental Sustainability (CURES) conference on advancing renewable energy.

Announcements

Champaign County 2024 Earth Month C-PACE Event will share information about commercial property assessed clean energy financing that makes it easier and cheaper to make energy improvements to properties. https://www.eventbrite.com/e/the-champaign-county-2024-earth-month-c-pace-event-tickets-869390017947

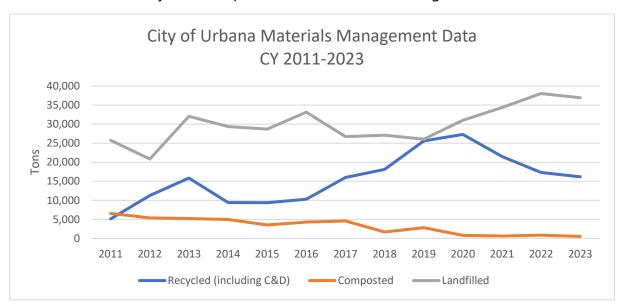


ANNUAL REPORT

CY 2023

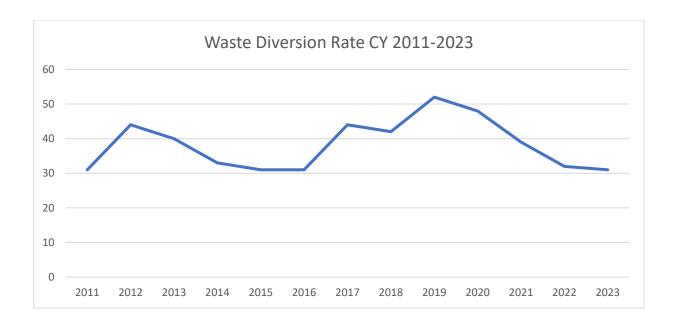
Diversion Rate

In 2023, there was a total of 53,603 tons of materials *generated* in Urbana. This includes garbage, recycled construction & demolition (C&D) debris, commodity recycling from households, and landscape materials composted. Data was compiled using the totals that haulers provide the City of Urbana, along with data from divisions within the Urbana Public Works department. Of the total materials generated, 36,913 tons were landfilled as garbage; 16,166 tons were recycled, including C&D; and 524 tons of landscape materials were composted. Urbana's waste diversion rate in 2023 was 31%. Below is a look at recycled, composted, and landfilled tonnages since 2011.



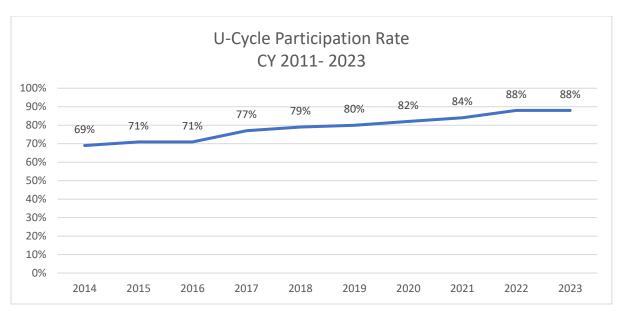
The City of Urbana began tracking data in 2011 when licensed garbage haulers in Urbana were required to provide the quantity of garbage, recycling (including C&D) and landscape debris collected on an annual basis.

The waste diversion rate for the past 13 calendar years averaged 38%. The chart below shows the diversion rates (%) per year. Over the years there has been fluctuations in amount of waste generated, recycled, and composted. Most hauler data is an estimate, and other projects around the city determine rates of disposal or recycling.



Participation Rate: Curbside U-Cycle Program

The participation rate in the curbside U-Cycle program has been tracked since 2014. In 2014, the participation rate was 69%. In 2023, the curbside U-Cycle participation rate stayed consistent to calendar year 2022, at 88%. Participation rate is calculated by dividing the total number of single-family through four-plex households in Urbana by the number of households that have requested a U-Cart or recycling bin (historically). Participation rate assumes those households with recycling receptacles are setting out recycling semi-frequently (averaging twice per month).



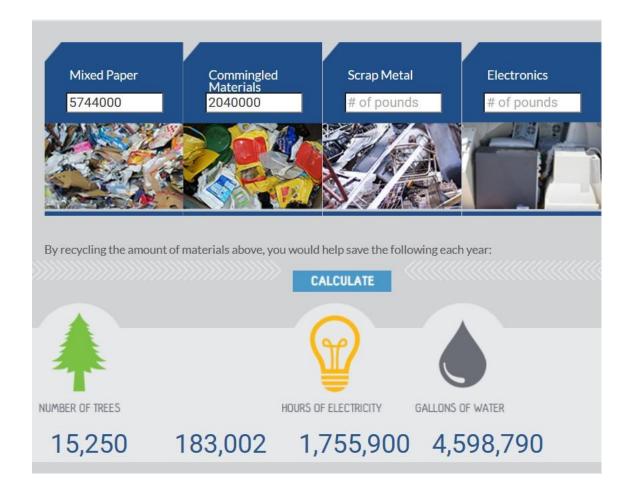
Environmental Impacts

In 2023, the curbside and multifamily U-Cycle programs recycled a combined 3,892 tons of commingled recycling, averaging 324 tons of recyclables collected and processed per month, an all-time high!

The positive environmental impacts of recycling were assessed using an environmental footprint calculator provided by Montgomery County, Maryland. For our purposes we are only including U-Cycle recycling totals for paper, and commingled materials which includes plastics, glass, and metals. Here are the results.

By recycling 5.7 million pounds of paper and 2 million pounds of plastics, glass and metals in the U-Cycle programs in 2023:

- 15,250 trees were saved,
- 183,000 gallons of oil was conserved,
- 1.7 million kWh of electricity was saved, and
- 4.6 million gallons of water was conserved.



Economic Impacts

In 2023, the average annual household garbage collection cost in Urbana was \$26.83/month or \$321.96 annually. The average recycling collection cost in Urbana was \$3.25/month or \$39/annually.

Curbside Garbage Landfilled

- Curbside housing units 8,547
- Curbside Solid Waste Landfilled/Year (Est.) = 16,740 tons
 (Curbside households account for 44% of Urbana's housing)

<u>Curbside Households Garbage Cumulative Cost (Based on annual hauler prices, not tipping fees)</u>

• Estimated at \$2,751,792 per year.

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(8,547 \text{ HH x } \$321.96/\text{annual } (avg.) = \$2,751,792)
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Cost per ton = \$164/ton

$$($2,751,792 / 16,740 tons = $164/ton)$$

Cost per pound = \$0.08/lb.

$$($164/ton / 2000 = $0.08/lb.)$$

Multifamily Garbage Landfilled

- Multifamily Housing Units = 9,180
- Multifamily Solid Waste Landfilled/Year (Est.) = 21,306 tons
 (Multifamily households account for 56% of Urbana's housing)

Multifamily Households Garbage Cumulative Cost (Based on hauler prices, not tipping fees)

Estimated at \$1,137,953 per year

$$(9,180 \text{ units x } 10.33*/\text{unit/month (avg.)}) \times 12 \text{ months} = $1,137,953 \text{ per year}$$

• Cost per ton = \$53/ton

$$($1,137,953/21,306 \text{ tons} = $53/\text{ton})$$

• Cost per pound = \$0.03/lb.

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($53 per ton / 2000 = $0.03/lb.)
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* Multifamily Waste Study – Hennepin County, MN

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Curbside Recycling Costs

- Annual contractual cost in CY 2023 = \$154,044
- Tons of curbside recyclables collected in CY 2023 = 2,338 tons
- Cost per ton = \$66/ton
 (\$154,044/ 2,338 tons \$66/ton)
- Cost per pound = \$0.03/lb.(\$66/2000 = \$0.03/lb.)

Multifamily Recycling Costs

- Annual contractual cost in CY 2023 = \$190,000
- Tons of multifamily recyclables collected in CY 2023 = 1,554 tons
- Cost per ton = \$122/ton
 (\$190,000/1,554 tons \$122 ton)
- Cost per pound = \$0.06/lb.(\$122/2000 = \$0.06/lb.)

Conclusion

Materials recycled (including C&D) have steadily increased since CY 2011, a positive sign that recycling outreach and promotion are making an impact. Materials landfilled have remained consistent the past three calendar years.

Urbana's diversion rate in CY 2023 was 31%. The average diversion rate since CY 2011 was 38%. Additionally, curbside recycling participation rate has remained steady the past two calendar years.

Curbside garbage disposal costs per pound are higher than multifamily disposal costs due to bulk collection savings at multifamily properties. Multifamily recycling costs per pound are higher than curbside recycling costs due to lower tonnages collected, and higher contamination rates.

The U-Cycle programs (combined curbside + multifamily) had the highest recycling rate to date in CY 2023 with 3,892 tons of recyclables collected! Continued education and outreach efforts in the U-Cycle properties is necessary to maintain consistency and improvements in recycling rates moving forward.

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RESOLUTION NO.

A RESOLUTION ADOPTING MAYOR/CITY COUNCIL STRATEGIC GOALS FOR 2024-2025

WHEREAS, the Mayor and City Council of Urbana participated in strategic goal-setting sessions on November 6, 2023, November 27, 2023, and February 1, 2024; and

WHEREAS, at these goal-setting sessions, the Mayor and Council discussed strategic areas, individual strategies, and specific action steps.

NOW, THEREFORE, BE IT RESOLVED by the City Council, of the City of Urbana, Illinois, as follows:

<u>Section 1.</u> The City hereby adopts the following Strategic Areas, Strategies, and Action Steps as priorities for the next two years.

Mayor/Council Strategic Goals 2024-2025

Strategic Area #1: Public Safety and Well-Being

Strategy 1.1: Pursue methods to mitigate community violence

- A. Continue to fund community partners and projects that address the root causes of violence with continual program monitoring and evaluation.
- B. Complete the BerryDunn public safety review, determine which recommendations to implement, and create a plan for 21st century policing.

Strategy 1.2: Enhance and expand public safety resources

- A. Develop and implement alternative emergency response models (specifically addressing for mental health crisis and domestic disputes).
- B. Develop a comprehensive safety plan based on public safety review and additional public input.
- C. Update the police safety governance model by revising CPRB and updating oversight policies.

Strategy 1.3 Promote community well-being

- A. Complete a systematic review of ARPA subrecipient projects and programs, evaluating outcomes.
- B. Continue to fund community partners and projects that promote health, wellness, drug and alcohol treatment, and that support families suffering from domestic violence; with continual program monitoring and evaluation.
- C. Create a City-wide Equity Plan using GARE template/guidance.

Strategic Area #2: Housing

Strategy 2.1 Support housing security and equity

- A. Coordinate with housing and social service agencies to reduce homelessness.
- B. Continue supporting Tenant-Based Rental Assistance providers through pilot programs that address gaps in services, and by expanding existing programs.

Strategy 2.2 Improve housing quality

- A. Provide targeted assistance for rehabilitation and repairs of dilapidated homes in targeted neighborhoods, with a special emphasis on seniors.
- B. Partner with developers to generate affordable rental and homeowner housing.
- C. Explore a plan/program that provides funding for rehabilitation of older housing stock throughout the City (similar to Enterprise Zone).
- D. Enhance Community Development's capacity to address rental registration inspection backlog and maintain a 3-5 year Systematic Inspections cycle, by adding one FTE Housing inspector.

Strategic Area #3: Infrastructure

Strategy 3.1 Improve quality of infrastructure assets

- A. Complete sanitary sewer asset management plan and roadway asset management plan by the end of fiscal year 2025.
- B. Review and adjust dedicated revenue streams for infrastructure assets, beginning with the Local Motor Fuel Tax.
- C. Add one additional FTE arbor technician and vehicle for adequate tree maintenance to maintain current urban canopy status and decrease vacant tree sites.
- D. Promote Green stormwater management by revising the Stormwater Utility Credits and Incentive Manual.

Strategy 3.2 Increase investments in infrastructure equity

- A. Complete 10 EQL projects by end of calendar year 2024 and initiate a second EQL round by end of calendar year 2025.
- B. Prioritize ensuring adequate staffing for CD to pursue public infrastructure grants.
- C. Develop revisions to the Zoning Ordinance to improve the process in order to enhance public notice and ensure appropriate protest procedures.

Strategy 3.3 Expand sustainable infrastructure within the community

- A. Evaluate the practical and financial feasibility of sustainability improvements in City facility capital projects.
- B. Create and implement a grant program for community environmental projects.
- C. Support food waste composting at the Urbana LRC.
- D. Pursue the implementation of a single-use plastic bag fee as recommended by the Sustainability Advisory Commission's Resolution No._2023-02-01-1R.

Strategic Area #4: Economic Health

Strategy 4.1 Support local businesses

- A. Create an Ordinance to enhance City contracting opportunities by MWVBE and local businesses.
- B. Educate businesses on available resources and explore resource gaps for challenges identified in the 2023 Illinois State Black Business Survey.
- C. Issue at least two Request for Proposals for development of Downtown City-owned sites for housing developments.

Strategy 4.2 Enhance Employment Opportunities in Urbana

A. Collaborate with Parkland College, RPC, or other partners to create workforce development scholarships for low-income Urbana Residents focusing on the trades & hospitality industry.

Strategy 4.3 Recruit new businesses and industries

A. Create an incentive package and recruit a grocery store in NW Urbana.

Strategy 4.4 Create a Tourist and Entertainment District

- A. Direct UIUC visitors to Downtown Urbana with signage at Lincoln Avenue and Green Street.
- B. Implement selected recommendations of Downtown Public Realm study.

C. Enhance the vibrancy of Downtown Urbana by working with private entities to increase murals, sculptures, and other physical art.

<u>Section 2.</u> These goals are a collaboration among the Mayor, Council, and staff. Staff will make quarterly reports on Action Steps and make any necessary adjustments in consultation with the Mayor and City Council.

PASSED BY THE CITY COUNCIL this Date day of Month, Year.	
AYES:	
NAYS:	
ABSTENTIONS:	
APPROVED BY THE MAYOR this <u>Date</u> day of	Darcy E. Sandefur, City Clerk Month, Year.
	Diane Wolfe Marlin, Mayor