

Louisville Sustainability Advisory Board

Agenda

**June 17, 2020
Virtual Meeting
6:30 - 8:00pm**

This meeting will be held electronically. Residents interested in listening to the meeting or making public comments can join in one of two ways:

- 1) You can call in to +1 346 248 7799 Webinar ID # 864 2451 9903 .**
- 2) You can log in via your computer. Please visit the City's website here to link to the meeting: <https://www.louisvilleco.gov/government/boards-commissions/sustainability-advisory-board>**

The Council will accommodate public comments as much as possible during the meeting. Anyone may also email comments to the Council prior to the meeting at KBaum@louisvilleco.gov.

1. 6:30PM Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of Minutes
5. 6:35PM City Staff Updates (10 minutes)
6. 6:45PM Public Comments on Items Not on the Agenda (5 minutes, more as needed)
7. 6:55 PM LSAB Member Updates and Reports (5 minutes, more as needed)
8. Discussion Item: Sustainability Survey Results and Next Steps

9. Discussion Item: Sustainability Action Plan – Second Review
10. Administration Tasks
 - A. New Board Chair Vote
 - B. Work Plan Review
 - C. Log Volunteer Hours
11. Adjourn

Louisville Sustainability Advisory Board

Meeting Minutes: Wednesday, February 11, 2019

City Hall, 749 Main Street, Spruce Room

Chair: Allison Johanson

Secretary: Melanie Dubin

1. **Call to Order:** The meeting was called to order at 6:35pm by Allison Johanson. Minutes taken by Melanie Dubin.
2. **Roll Call:** (Members present in bold): **Seth Adams, Allison Johanson, Laura Levesque-Catalano, Mark Persichetti, Melanie Dubin, Dan Mellis; Tiffany Boyd;** City Sustainability Coordinator **Katie Baum;** Councilwoman Debbie Fahey. Members of the Public: Mark Ogle, Tamar Krantz, Kerrie Flickner, Doug Grinberg, Sara Keane, Stephanie Rowe.
3. **Approval of Agenda:** Approved.
4. **Approval of Minutes:** Approved.
5. **City-Staff Updates, Katie Baum:** Katie reviewed all news and events information provided in the meeting packet, with key highlights below.
 - a. Tuesday May 12 5:30-7pm: dinner, presentation, and dialogue with City Council and LSAB.
 - b. April 7: first City Council review of Sustainability Action Plan. Feedback will be incorporated for May resubmittal and ideally, approval.
 - c. Katie requested volunteers at the various city sustainability events and indicated she'd send out an online sign-up sheet.
6. **Public Comments on Items Not on the Agenda:**
 - a. Suggestion to implement artificial ice for the ice-skating rink.
 - b. Community members suggested that LSAB look into city building codes in 2020, due to the importance of buildings (existing and future) in achieving community energy and broader sustainability goals. Current city building codes do not meet US or international best practice for green building. Many local real estate developments (for example Geos in Arvada) may provide insight on what green building could look like in Louisville.
 - c. Adopt Vision Zero for dramatically reduce and eliminate pedestrian injuries and create safety for all modes, all ages, all ability.
 - d. Request for public drinking fountain at John Breaux Pavilion.

- e. Kerry Flickner of Blue Terra Waste Solutions (<http://blueterrawastesolutions.com/>) requested LSAB’s public endorsement for the company’s collaboration with Charlotte’s Web’s facilities at CTC. LSAB agreed to endorse the proposal, pending a more detailed review of the request letter. Mr. Flickner indicated the proposed system would have an approximate 3.5 year Return on Investment and seeks to integrate community education on closed-loop water systems into his plan with Charlotte’s Web.
- f. Plastics: A local group has formed to address the use of plastics in Louisville and brainstorm ways the community can work to reduce plastics usage.
- g. A working group is in place to petition the City to implement a Prairie Dog Management Plan modeled after the City of Lafayette’s new Prairie Dog Plan. Plan will be presented at March 3 City Council Meeting for initial discussion.

7. LSAB Member Updates and Reports: NA

8. Administration Tasks:

a. Log Volunteer Hours for the month of February 2020

Board Member	Activities	Hours
Dan Mellish	Meeting prep, attendance	10
Melanie Dubin	Meeting prep, attendance, other meetings	3
Allison Johanson	Meeting prep, attendance, other meetings	4
Laura Levesque-Catalano	Meeting prep, attendance, other meetings	10
Tiffany Boyd	Meeting prep, attendance	7
Mark Persichetti	Meeting prep, attendance,	5
	Total Hours	

9. Adjourn: The meeting adjourned at 9:17pm



Memorandum

To: Louisville Sustainability Advisory Board
From: Katie Baum, Sustainability Specialist
Date: June 17, 2020
Re: Staff Updates

General

- Green Business
 - All green business activity is on hold.
- Grants
 - The City has applied for the RAQC Charge Ahead grant for charging install at the Golf Course.
- Energy Future Collaboration (EFC)
 - Q2 EFC meeting focused on renewable energy solutions community-wide, which has continued to progress into the current ballot initiative action below.
 - The Wastewater and Water Treatment plants are evaluating an MOU to join Xcel's Strategic Energy Management (SEM) program. The program will provide greater and specialized technical assistance for energy efficiency efforts at the City facilities.
 - The City is preparing to install a new level 2 electric vehicle charging station at Coal Creek Golf Course and has been selected to participate in Xcel's EV Supply Infrastructure Program. The program provides EV infrastructure at no cost, as well as consulting and technical assistance for installation.
- Ballot Initiatives
 - Council gave direction to move forward with two sustainability-related ballot initiatives: renewable energy credit (REC) bulk purchase for community-wide 100% renewable and single-use bag tax.
 - On June 16th, Council will give further direction and staff will continue development for the November ballot.
- Surveys



City of Louisville

City Manager's Office

- The Sustainability Survey ran from April 22 – May 22, and over that period, 165 participants responded. Results will be highlighted during the discussion item.
 - Citizen Survey results are finalized, and environmental sustainability is highlighted. Results will be discussed further during the discussion item.
- Transportation Master Plan
 - Highway 42 underpass is expected to be completed by mid-July.
 - Pine Street resurfacing and bike lane buffering begins on June 1st.
- Events
 - On May 27th, the City hosted Making a Living and a Life, presented by Martin Ogle and supported by Centaurus Eco-Warriors. The webinar covered changing economic conditions and the importance of bridging environmental literacy and student preparedness for a newer, greener economy. 56 participants.
 - On June 3rd, the City hosted a virtual film screening of the award-winning documentary, The Biggest Little Farm. After the film, attendees were able to engage with director and documentary subjects, John and Molly Chester. If you weren't able to attend, you can watch the Q&A with the regenerative farmers at <https://youtu.be/QZ4Q8uYeUDY>. 35 participants.
 - Bike to Work Day has been postponed until September 22nd.
 - The City continues to evaluate events and how to host and educate in a safe way. Any ideas are welcome!
- Next steps – None.



Memorandum

To: Louisville Sustainability Advisory Board
From: Katie Baum, Sustainability Specialist
Date: June 17, 2020
Re: Discussion Item 8: Sustainability Survey and Next Steps

Summary

For the 50th anniversary of Earth Day, Louisville ran an informal survey via the EngageLouisville platform focused on sustainability programs, events and initiatives in the community to gather feedback. From April 22 to May 22, 2020, 175 participants responded. The results are not statistically significant and should not be used conclusively, however they provide an important feedback loop for City programs and communications.

Next Steps

Discussion around next steps.

20 60 Seconds for 20 Sustainability Survey

For the 50th anniversary of Earth Day, the City of Louisville ran an informal survey via the EngageLouisville platform focused on sustainability programs, events and initiatives in the community to gather feedback. During this time, 175 participants responded. The results are not statistically significant and should not be used conclusively, however they provide an important feedback loop for City programs and communications.

AWARENESS

51% not familiar with the Louisville Sustainability Action plan

.....

unaware of the City's adoption of Climate Action Goals in August 2019

62%

CLIMATE ACTION

90%

of participants want to learn how residents and commercial entities can help the City achieve its climate goals



LET'S LEARN

Top 5 Desired Outreach and Education Topics

1. **LOCAL FOOD + AG**
2. **ENERGY + RENEWABLES**
3. **NATURAL AREAS + HABITAT**
4. **WASTE DIVERSION**
5. **CITY + COUNTY SUSTAINABILITY EFFORTS**

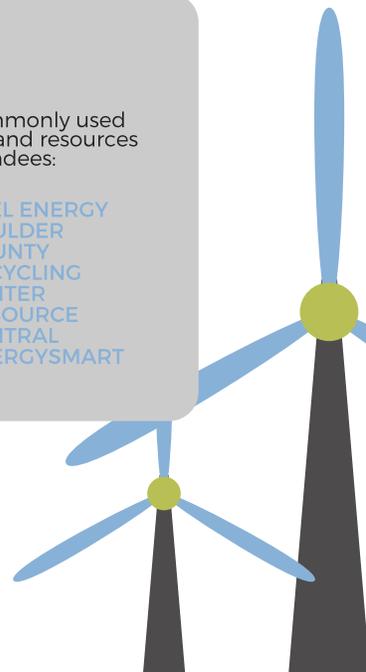
PARTICIPATION

71%

of participants or those in their household took advantage of a sustainability or efficiency program, rebate or resource

Most commonly used partners and resources by respondents:

- XCEL ENERGY
- BOULDER COUNTY RECYCLING CENTER
- RESOURCE CENTRAL
- ENERGYSMART



60 Seconds for Sustainability

SURVEY RESPONSE REPORT

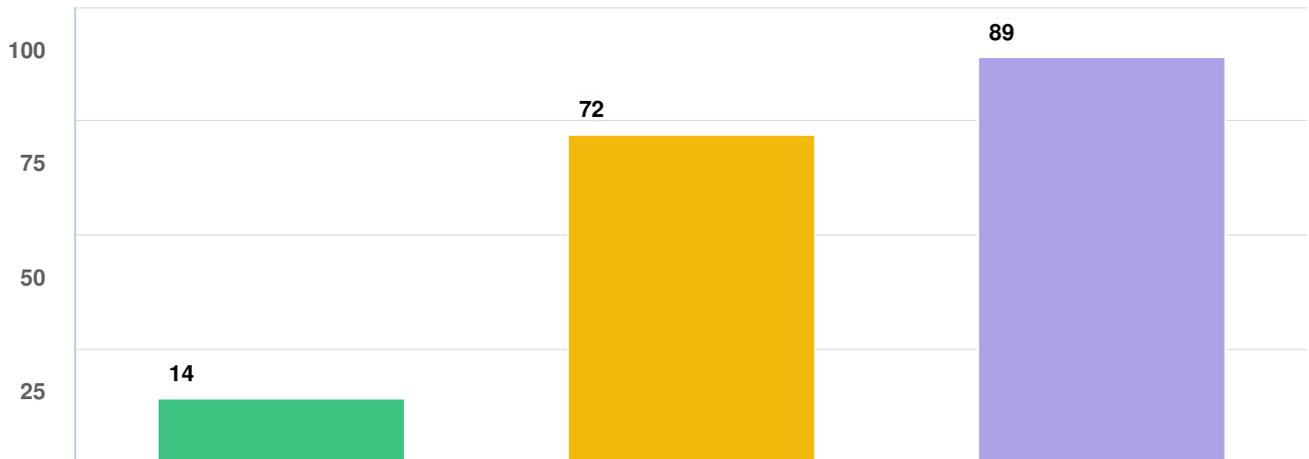
22 April 2020 - 22 May 2020

PROJECT NAME:

Louisville Sustainability

SURVEY QUESTIONS

Q1 How familiar are you with Louisville's Sustainability Action Plan?

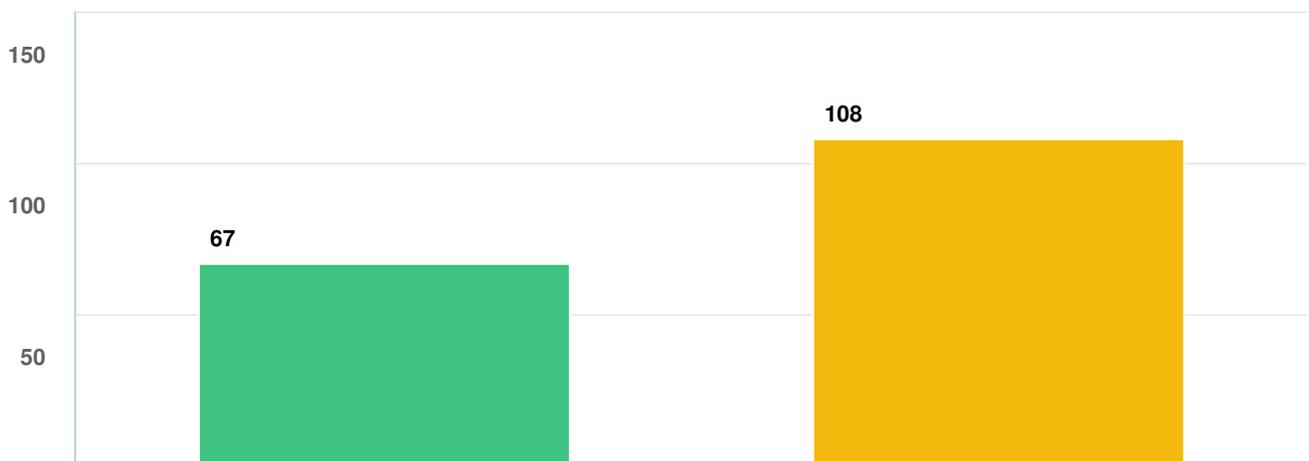


Question options

- Very familiar
- Somewhat familiar
- Not familiar

Mandatory Question (175 response(s))
Question type: Checkbox Question

Q2 Are you aware of the City's climate action goals adopted by City Council in August 2019?

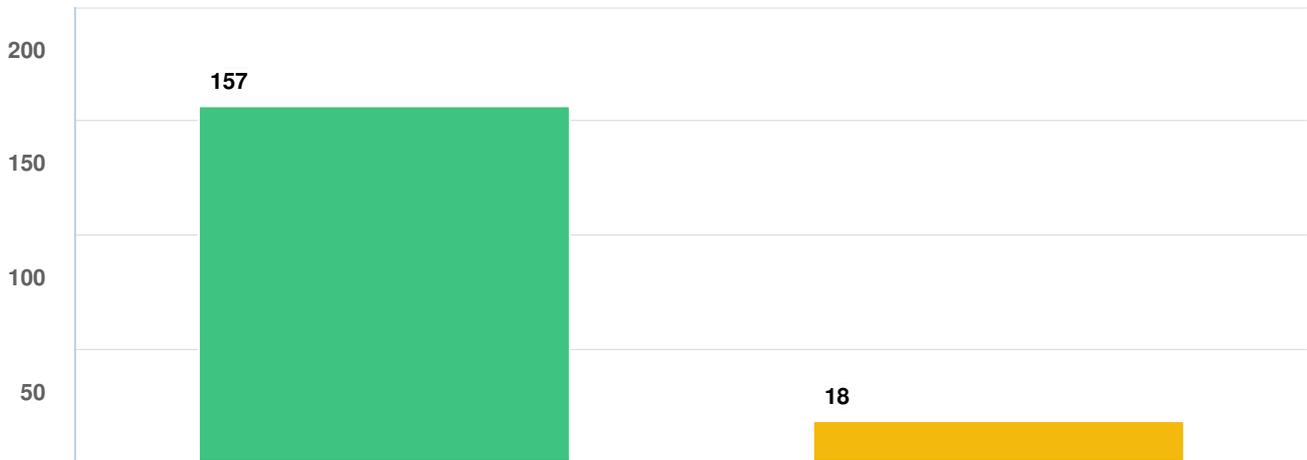


Question options

- Yes
- No

Mandatory Question (175 response(s))
Question type: Checkbox Question

Q3 | Would you be interested in learning more about how residents and commercial entities can help the City achieve its climate ...

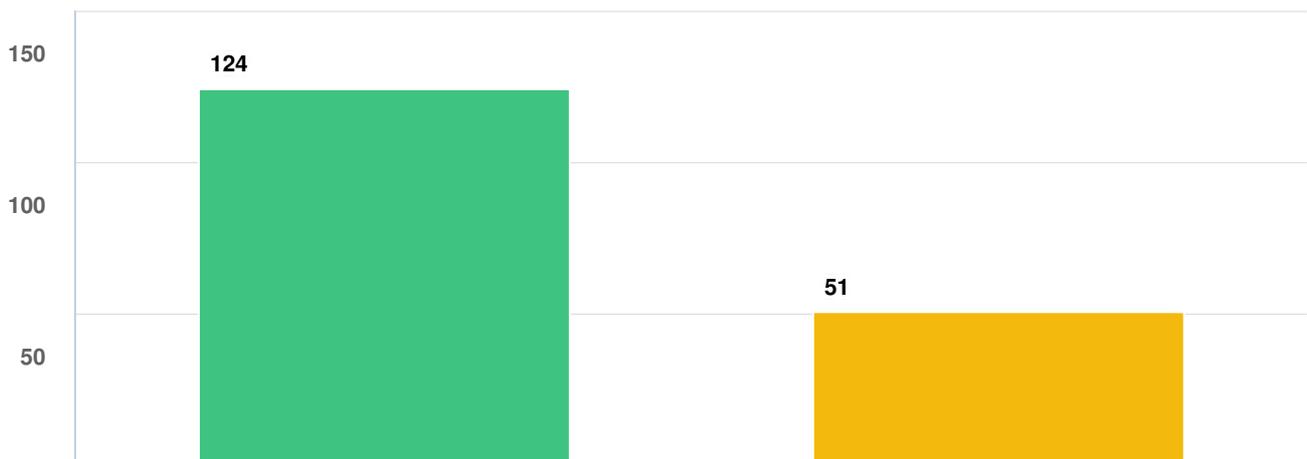


Question options

- Yes
- No

Mandatory Question (175 response(s))
Question type: Checkbox Question

Q4 | Have you or anyone in your household taken advantage of sustainability or efficiency programs, resources or rebates provide...



Question options

- Yes
- No

Mandatory Question (175 response(s))
Question type: Checkbox Question

Q5 | If known, what program, resource or rebate did you or a member of your household participate or utilize?

Screen Name Redacted 4/22/2020 11:35 AM	Solar panels, rachio sprinkler assessment, led, higher efficiency products
Screen Name Redacted 4/22/2020 11:40 AM	Resource Central, Commuting Solutions, BC Recycling Center
Screen Name Redacted 4/22/2020 11:41 AM	Energy smart I believe
Screen Name Redacted 4/22/2020 11:45 AM	Xcel Peak Demand pricing plan, Xcel WindSource program
Screen Name Redacted 4/22/2020 11:50 AM	Xcel
Screen Name Redacted 4/22/2020 12:01 PM	Sprinkler / smart watering program
Screen Name Redacted 4/22/2020 12:06 PM	Boulder County Recycling Center
Screen Name Redacted 4/22/2020 01:03 PM	Furnace rebate
Screen Name Redacted 4/22/2020 01:46 PM	Garden in a Box discount, CHaRM in Boulder, and perhaps a rebate for our solar system (which is about 10 years old)
Screen Name Redacted 4/22/2020 02:02 PM	xcel rebate for heater, EnergySmart audit of my home, yard watering audit, CHARM, Buy and donate to Resource
Screen Name Redacted 4/22/2020 03:46 PM	Electric Car Rebate
Screen Name Redacted 4/22/2020 10:35 PM	Boulder County Recycling Center and Xcel's wind energy program
Screen Name Redacted 4/23/2020 10:05 AM	Xcel rebate for recycling old refrigerator
Screen Name Redacted 4/23/2020 11:37 AM	Smart watering with Rachio
Screen Name Redacted 4/23/2020 11:40 AM	Boulder County Recycling Center
Screen Name Redacted 4/23/2020 11:41 AM	Xcel rebate, Resource Central, Boulder County Recycling Center
Screen Name Redacted	Xcel Energy (wind/solar panels), EnergySmart house audit

4/23/2020 11:44 AM

Screen Name Redacted Resource Central and Excel Energy

4/23/2020 11:45 AM

Screen Name Redacted Ordered solar panels through Sunrun, but they haven't been installed because of Covid 19

4/23/2020 11:46 AM

Screen Name Redacted Boulder County Recycling Center

4/23/2020 11:58 AM

Screen Name Redacted Recycling ctr

4/23/2020 12:02 PM

Screen Name Redacted Xcel, EnergySmart, Boulder County Recycling, Bike Commuting

4/23/2020 12:06 PM

Screen Name Redacted Boulder Recycling Center, Resource

4/23/2020 12:10 PM

Screen Name Redacted Solar incentives, federal, state and Xcel.

4/23/2020 12:11 PM

Screen Name Redacted Xcel Energy Home Energy Audit, Boulder County Recycling Center

4/23/2020 12:16 PM

Screen Name Redacted Nearly all of the ones mentioned above.

4/23/2020 12:19 PM

Screen Name Redacted Energy smart

4/23/2020 12:28 PM

Screen Name Redacted Resource central and recycling

4/23/2020 12:53 PM

Screen Name Redacted EcoCycle CHARM, Commuting Solutions

4/23/2020 12:53 PM

Screen Name Redacted Xcel Energy

4/23/2020 12:57 PM

Screen Name Redacted Energy Smart

4/23/2020 01:06 PM

Screen Name Redacted Xcel Energy efficiency programs for home HVAC system and solar panels, as well as for electric car purchase

4/23/2020 01:10 PM

Screen Name Redacted Xcel solar, Xcel windsource

4/23/2020 01:17 PM

Screen Name Redacted Xcel time of day program, garden-in-a-box

4/23/2020 01:27 PM

Screen Name Redacted 4/23/2020 01:35 PM	Resource Central Slow the Flow sprinkler inspection & Garden In A Box discount, Excel energy audit rebate
Screen Name Redacted 4/23/2020 01:40 PM	Xcel Home Energy Audit and Refigerator Recycling
Screen Name Redacted 4/23/2020 02:04 PM	EnergySmart
Screen Name Redacted 4/23/2020 02:11 PM	We like to shop at Resource and have also purchased a Garden-in-a-box from them.
Screen Name Redacted 4/23/2020 02:17 PM	Boulder County Recycling Center, EcoCycle, Hazardous Waste Recycling
Screen Name Redacted 4/23/2020 02:20 PM	Boulder County Recycling Center
Screen Name Redacted 4/23/2020 02:22 PM	Xcel, Energy Smart, recycling and compost, waterwise
Screen Name Redacted 4/23/2020 02:22 PM	Solar rebate, many years ago. Electric car federal and state tax credits.
Screen Name Redacted 4/23/2020 03:41 PM	Boulder county recycling center
Screen Name Redacted 4/23/2020 03:44 PM	Xcel air conditioner govenor and the Rachio sprinkler system timer
Screen Name Redacted 4/23/2020 03:46 PM	Bvsd with Boulder County ecopass used daily! Xcel energy refrigerator recycle
Screen Name Redacted 4/23/2020 03:57 PM	Energy Smart; Boulder County recycling Center
Screen Name Redacted 4/23/2020 04:03 PM	Resource Central, Boulder Recycling & Hard to Recycle Center
Screen Name Redacted 4/23/2020 05:40 PM	EnergySmart, Xcel rebates, ReSource Central, PACE, Boulder County Recycling Center, Slow the Flow
Screen Name Redacted 4/23/2020 05:43 PM	Resource, Boulder County recycling
Screen Name Redacted 4/23/2020 06:18 PM	Energysmart
Screen Name Redacted 4/23/2020 06:37 PM	Xcel Energy, EnergySmart, Recycling Center, CHARM
Screen Name Redacted 4/23/2020 10:34 PM	Recycling, energy smart appliances, rebates for energy efficient windows, led light bulbs

Screen Name Redacted 4/24/2020 05:07 AM	Xcel Energy
Screen Name Redacted 4/24/2020 05:34 AM	Recycle centers
Screen Name Redacted 4/24/2020 08:18 AM	Pay for Excess renewable energy
Screen Name Redacted 4/24/2020 09:46 AM	Check on lawn sprinklers (forget the organization); Had an energy audit a long time ago.
Screen Name Redacted 4/24/2020 11:35 AM	Resource central
Screen Name Redacted 4/24/2020 01:26 PM	Recycling center, home efficiency audit
Screen Name Redacted 4/24/2020 03:16 PM	Xcel Energy, Resource Central
Screen Name Redacted 4/25/2020 07:59 AM	Solar energy rebate from Xcel energy
Screen Name Redacted 4/25/2020 01:57 PM	Resource Central - plants & re-use center + Boulder county recycling, hazardous waste & hard-to-recycle centers
Screen Name Redacted 4/25/2020 03:57 PM	home energy assessment, water use assesment, commuting solutions, Xcel wind source
Screen Name Redacted 4/26/2020 08:18 AM	EnergySmart
Screen Name Redacted 4/26/2020 09:52 AM	Resource Central (I used the city's \$25 discounts on many Gardens In A Box), EnergySmart
Screen Name Redacted 4/26/2020 06:56 PM	Energy Smart
Screen Name Redacted 4/27/2020 09:54 AM	Lawn irrigation audit, with free Rachio irrigation control box as incentive. I LOVE having a wifi-controlled sprinkler system!
Screen Name Redacted 4/28/2020 12:20 AM	Recycling Center, Water Conservation.
Screen Name Redacted 4/29/2020 04:08 PM	City rebate for energy efficient appliances bought in Louisville a few years ago
Screen Name Redacted 4/29/2020 08:02 PM	Italian club
Screen Name Redacted 4/29/2020 08:29 PM	Resource central grass to garden, Xcel energy solar rewards, commuting solutions bike to work day

Screen Name Redacted 4/29/2020 08:40 PM	Xcel and Resource Central
Screen Name Redacted 4/29/2020 11:08 PM	Resource and recycling. Appliance rebates. AC switch.
Screen Name Redacted 4/30/2020 07:11 AM	commuting solutions carpool
Screen Name Redacted 4/30/2020 08:51 AM	Resource Central's water and energy assessments, Xcel's Windsource
Screen Name Redacted 4/30/2020 09:01 AM	Xcel Energy
Screen Name Redacted 4/30/2020 09:03 AM	Recycling Center
Screen Name Redacted 4/30/2020 10:10 AM	I purchased an energy efficient hot water heater and received a rebate from Xcel.
Screen Name Redacted 4/30/2020 10:23 AM	We added solar panels a couple years ago and received a rebate.
Screen Name Redacted 4/30/2020 11:00 AM	Boulder County Recycling Center
Screen Name Redacted 4/30/2020 11:55 AM	Xcel Windsource
Screen Name Redacted 4/30/2020 12:27 PM	Boulder County Recycling Center, Commuting Solutions
Screen Name Redacted 4/30/2020 01:20 PM	Recycling
Screen Name Redacted 4/30/2020 02:26 PM	Ecocycle for hard to recycle things. Bike to work day
Screen Name Redacted 4/30/2020 05:37 PM	BoCo Recycling Center, Charm
Screen Name Redacted 4/30/2020 08:33 PM	CHARM, hazterials, recycling, leaf and branch dropoff
Screen Name Redacted 4/30/2020 08:49 PM	Excel energy, climate smart, water survey
Screen Name Redacted 4/30/2020 10:04 PM	Energy smart rebates
Screen Name Redacted	Energy Smart

4/30/2020 10:19 PM

Screen Name Redacted Xcel

5/01/2020 06:50 AM

Screen Name Redacted Xcel, EnergySmart

5/01/2020 04:12 PM

Screen Name Redacted Kids brought low wattage bulbs home and a low flow shower nozzle from school

5/02/2020 11:38 AM

Screen Name Redacted Commuting Solutions: Many things like bike to work day. Also Xcel Energy WindSource member.

5/03/2020 09:40 AM

Screen Name Redacted Xcel incentive for purchasing an electric car; also accessed state and federal incentives for installing solar panels and purchasing electric car

5/03/2020 10:04 PM

Screen Name Redacted xcel energy

5/04/2020 09:48 AM

Screen Name Redacted Xcel smart switch and water audit

5/04/2020 10:36 AM

Screen Name Redacted Xcel rebate for evaporative cooler

5/04/2020 10:40 AM

Screen Name Redacted Extensive Recycling both curbside and at a center. Commuting via Eco Pass.

5/04/2020 10:42 AM

Screen Name Redacted home energy assessment

5/04/2020 10:53 AM

Screen Name Redacted Solar panels ... which were destroyed by the hailstorm.

5/04/2020 12:27 PM

Screen Name Redacted Boulder County recycling, energysmart rebate, xcel energy rebate

5/04/2020 12:36 PM

Screen Name Redacted Solar panels, curbside composting

5/04/2020 08:35 PM

Screen Name Redacted Boulder County Recycling Center

5/04/2020 08:42 PM

Screen Name Redacted Recycling center

5/04/2020 09:03 PM

Screen Name Redacted Excel rebates

5/06/2020 03:37 PM

Screen Name Redacted Xcel, Boulder county rebates

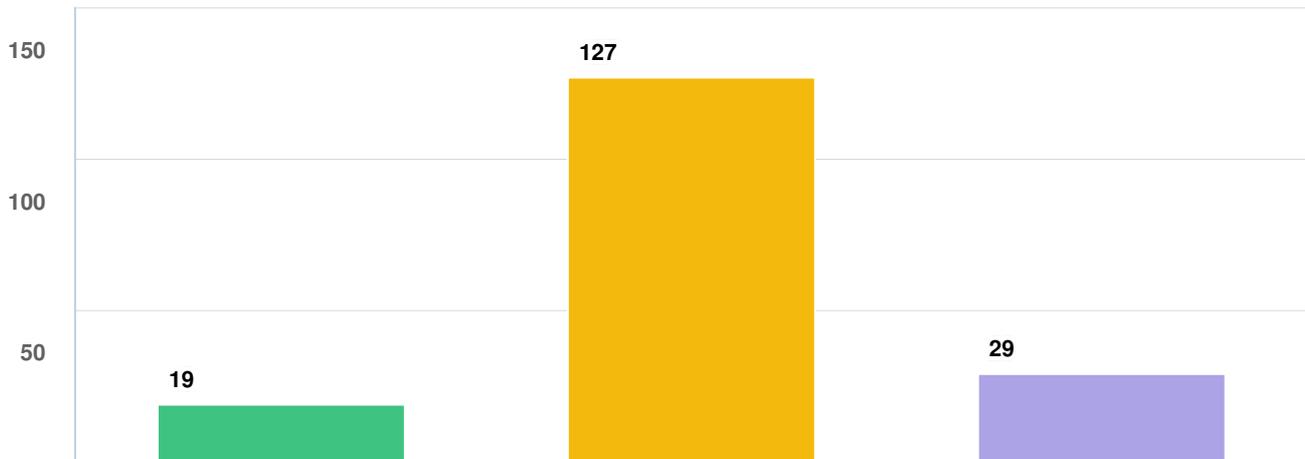
5/08/2020 06:36 PM

Screen Name Redacted 5/10/2020 02:32 PM	Xcel Energy wind source, BoCo Recycling Center, Commuting Solutions
Screen Name Redacted 5/20/2020 10:16 AM	xcel
Screen Name Redacted 5/20/2020 11:56 AM	Charm, recycling drop off, and household hazardous waste.
Screen Name Redacted 5/21/2020 12:57 PM	Solar rebates from excel and the state
Screen Name Redacted 5/21/2020 03:57 PM	Boulder County Recycling center, CHARM, Boulder County hazardous waste drop off
Screen Name Redacted 5/21/2020 06:26 PM	We added an electric car and solar panels, xcel rebate. E

Optional question (111 response(s), 64 skipped)

Question type: Single Line Question

Q6 Have you attended a City-hosted sustainability event in the past year?



Question options

- Yes
- No
- I'm not sure

Mandatory Question (175 response(s))
Question type: Checkbox Question

Q7 If so, what event did you attend?

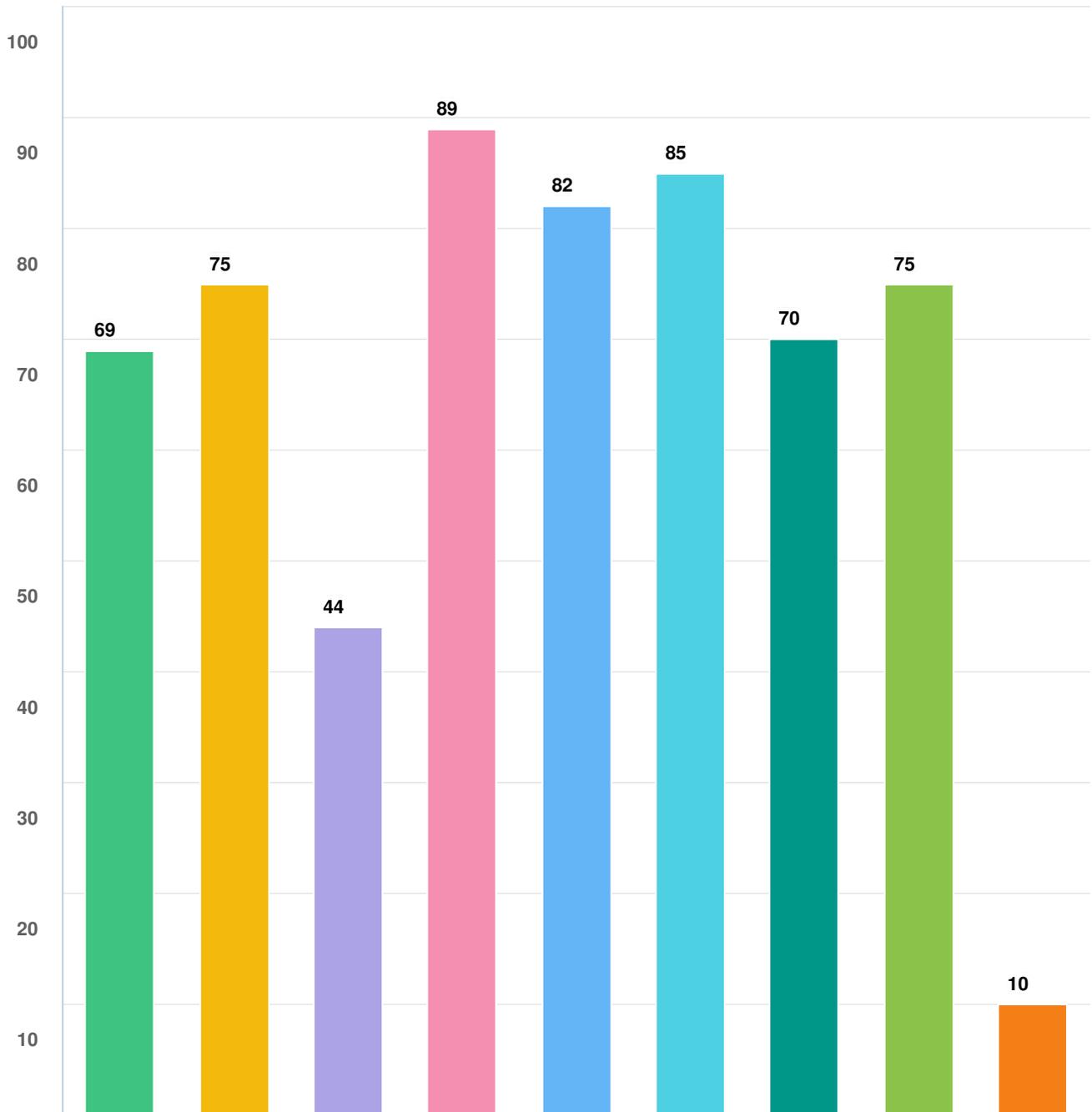
Screen Name Redacted 4/22/2020 11:40 AM	A seminar presented by a City Official
Screen Name Redacted 4/23/2020 11:58 AM	Touch a Truck; Farmers Market; Rec Center Grand Opening; Resource Fair for Seniors at Rec Center; Taste of Louisville
Screen Name Redacted 4/23/2020 12:06 PM	I'm an architect, so I'm regularly going to meetings/lunch + learns for sustainability in design.
Screen Name Redacted 4/23/2020 12:53 PM	Resource central class
Screen Name Redacted 4/23/2020 02:20 PM	Thursday evening music in Community Park
Screen Name Redacted 4/23/2020 03:32 PM	LSAB meeting
Screen Name Redacted 4/23/2020 05:40 PM	PACE Green Businesses Awards
Screen Name Redacted 4/23/2020 06:37 PM	Green Building Networking Event

Screen Name Redacted 4/23/2020 09:13 PM	green biz award
Screen Name Redacted 4/24/2020 01:26 PM	Sustainability fair at library
Screen Name Redacted 4/29/2020 08:02 PM	Italian club
Screen Name Redacted 4/30/2020 08:49 PM	Business energy event
Screen Name Redacted 5/02/2020 11:38 AM	Street Faire
Screen Name Redacted 5/04/2020 10:53 AM	fair at library
Screen Name Redacted 5/08/2020 06:36 PM	Green Fair
Screen Name Redacted 5/10/2020 02:32 PM	All
Screen Name Redacted 5/20/2020 11:56 AM	Parks planning board meeting.
Screen Name Redacted 5/21/2020 06:26 PM	The fair at the library.

Optional question (18 response(s), 157 skipped)

Question type: Single Line Question

Q8 What topics would you be most interested in learning more about?



Question options

- Alternative Transportation (I.e. electric vehicles, bicycle maintenance)
 ● City and County Sustainability Efforts
- Climate Science & Education
 ● Local Food & Agriculture (I.e. community gardens, beekeeping, urban farming)
- Natural Areas & Habitat
 ● Energy and Renewables
● Water Conservation
- Waste Diversion (I.e. recycling center tours, backyard composting, waste education)
 ● Other

Mandatory Question (175 response(s))

Question type: Checkbox Question

Q9 | If other, please describe.

Screen Name Redacted

4/23/2020 12:19 PM

I would like way more information about the most important sustainability and environmentally friendly solution that we've already voted for and paid for but haven't gotten... commuter rail from Denver through Louisville, into Boulder & onto Longmont.

Screen Name Redacted

4/23/2020 12:53 PM

Partnerships with schools to educate and provide paths to action for kids and families on all topics

Screen Name Redacted

4/23/2020 02:09 PM

none

Screen Name Redacted

4/23/2020 09:13 PM

none

Screen Name Redacted

4/24/2020 11:35 AM

None of the above

Screen Name Redacted

4/30/2020 10:19 PM

Empowering our community, starting with young people, to create a new economy that will be able to run on a lot less energy. How do we apply principles of living systems to this effort - all of our careers?

Screen Name Redacted

5/04/2020 12:27 PM

Not interested

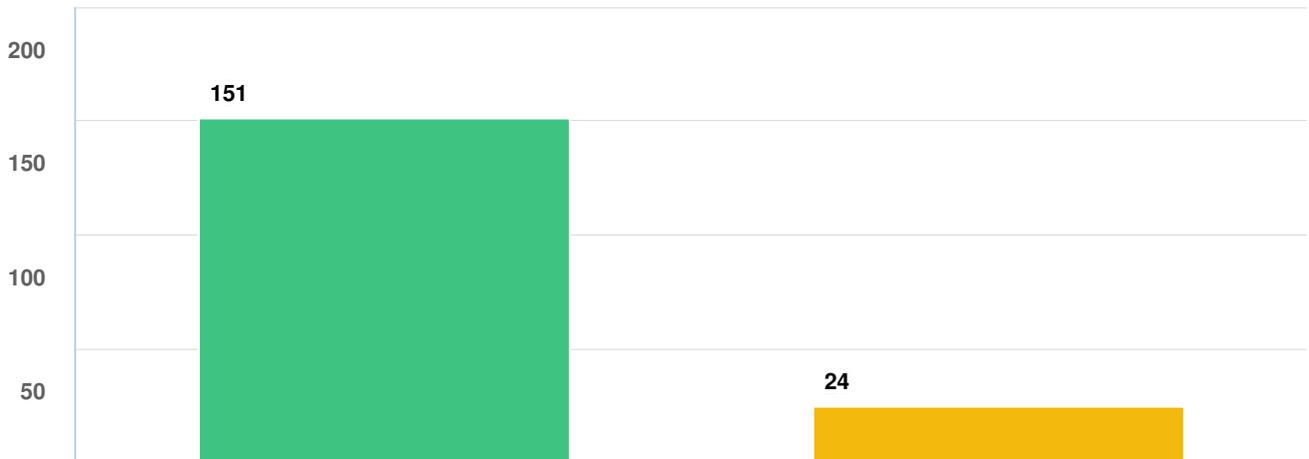
Screen Name Redacted

5/14/2020 02:30 PM

Rain gardens, stormwater filtering, porous paving

Optional question (8 response(s), 167 skipped)**Question type:** Single Line Question

Q10 Is your household included in the City's waste service with Republic Services?

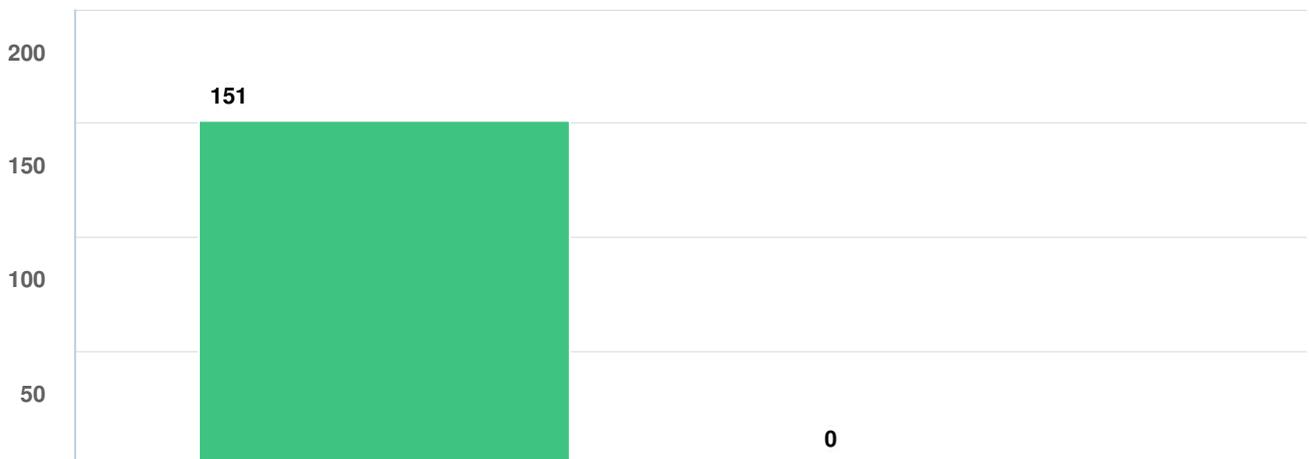


Question options

- Yes
- No

Mandatory Question (175 response(s))
Question type: Checkbox Question

Q11 Do you recycle at your residence?

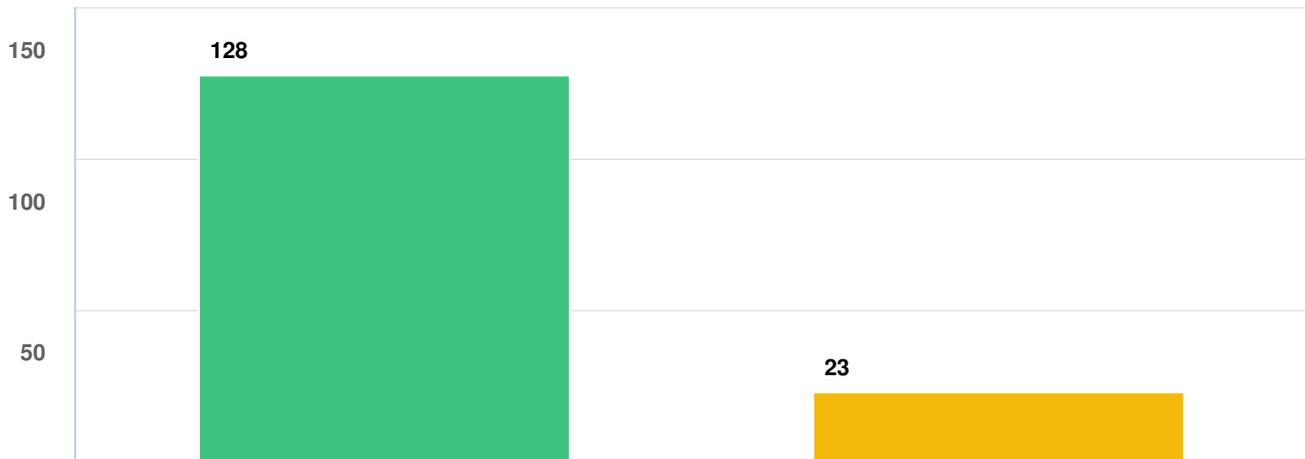


Question options

- Yes
- No

Optional question (151 response(s), 24 skipped)
Question type: Checkbox Question

Q12 Do you compost at your residence?



Question options

● Yes ● No

*Optional question (151 response(s), 24 skipped)
Question type: Checkbox Question*

Q13 Do you have a specific topic, concern or event that you would be interested in learning more about or having the City explore further?

Screen Name Redacted

4/22/2020 11:40 AM

1. Yes, I would love it if Louisville could become a Bee City USA. www.beecityusa.org 2. More classes on backyard composting 3. A class on how to take the bus to certain popular locations from Louisville, such as going to downtown Boulder, CU, the mall, the SkyRide to DIA. And then add more bike racks located by bus stops and better bus stop shelters so it's as easy as possible to get to and from the bus to your Louisville home.

Screen Name Redacted

4/22/2020 11:45 AM

I would like to see an increase in publicly available Level 2 charging stations and installation of a DC-fast-charging station for electric vehicles.

Screen Name Redacted

4/22/2020 12:06 PM

Why we were switched from a local company, Western Disposal, to a national company, Republic? It seems not very Louisville-like to not support local companies. :(

Screen Name Redacted

4/22/2020 12:17 PM

Community gardens

Screen Name Redacted

4/22/2020 12:24 PM

I would be interested in learning way there doesn't seem to be compost pickup in Louisville. Additionally, I would like the city to put more effort into prioritizing paved bicycle paths to incentivize clean travel.

Screen Name Redacted

4/22/2020 01:03 PM

Strict green building standards and planting a community grove of fruit trees

Screen Name Redacted 4/22/2020 01:46 PM	I'd appreciate the city communicating with Republic Service about their lack of communication with residents, even when the residents have signed up for communications and updates (which I think should be opt OUT rather than opt IN!). Why is it that they decide not to pick up on a scheduled day because there's snow on the ground? Western ALWAYS picked up, and in fact, helped make the streets passable because their trucks blazed a trail! I miss Western for their reliability, friendliness, and good communication.
Screen Name Redacted 4/22/2020 02:02 PM	Residential Solar Options at this time - from a monetarily disinterested expert (not from a solar company)
Screen Name Redacted 4/22/2020 10:35 PM	I wish compost bins didn't have the current fee structure. We have a small bin because of the cost, but often have more compost than we can fit. On a somewhat related note, it would be nice if the city communicated the street sweeping schedule. Cars are often parked out in front of the houses, so the street sweeper is often forced to just drive down the middle of the road. It's a waste of money and fuel.
Screen Name Redacted 4/23/2020 11:41 AM	Plastic cycling in this era when China is no longer interested in doing this.
Screen Name Redacted 4/23/2020 11:46 AM	no
Screen Name Redacted 4/23/2020 11:58 AM	Would be nice if the Farmers Market had more produce and less advertising booths. Would be great if Taste of Louisville was like it was years ago and really was the Taste of Louisville with most restaurants represented. Now it is mostly advertising or businesses.
Screen Name Redacted 4/23/2020 12:02 PM	No
Screen Name Redacted 4/23/2020 12:06 PM	It's been my opinion for a while now, that maybe we should think about picking up trash every other week and have the compost and recycling picked up every week. This may kick start people into realizing they can compost and recycling more than just throw everything into the trash.
Screen Name Redacted 4/23/2020 12:09 PM	I am actually a climate scientist (currently working a NOAA with a PhD in Earthy System Science) who would be more than happy to help with the climate science and education aspect of Louisville's sustainability goals. My email is: melinda.nicewonger@gmail
Screen Name Redacted 4/23/2020 12:11 PM	Adding commercial, multi family and HOAs to the program
Screen Name Redacted 4/23/2020 12:16 PM	I'm just excited to hear and learn about this!
Screen Name Redacted 4/23/2020 12:16 PM	Continuing the up level the communications in our community about sustainability and making this an ongoing, significant part of our community values and "brand". So pleased that our new Mayor is making this a priority. I would like to see this become mainstream conversation, and the keep the focus on macro level city goals to help to do this!
Screen Name Redacted	I would like to learn more about plans (hopefully) to provide an above or

4/23/2020 12:19 PM	below grade pedestrian/bicycle crossing over South Boulder Road near either Main Street or hwy 42 (Courtesy Road). I would also like to hear more about what is being done to complete (soon) the commuter rail that we've already voted for and paid for.
Screen Name Redacted	Not really
4/23/2020 12:28 PM	
Screen Name Redacted	See above.... Partnerships with kids in schools will engage their families on sustainable actions.
4/23/2020 12:53 PM	
Screen Name Redacted	Alternative transportation is highest on my priority list
4/23/2020 12:53 PM	
Screen Name Redacted	Reducing city water use and lawn mower emissions by replacing bluegrass in medians and sidewalk strips with xeric plants.
4/23/2020 01:27 PM	
Screen Name Redacted	Given that the Boulder County population is already well aware of the these topics, can the City of Louisville reduce its expenses in this area. With so many other needs, this seems like a nice to have frill while other City Services are much more needed.
4/23/2020 01:40 PM	
Screen Name Redacted	Programs for helping our condo community install new efficient lighting
4/23/2020 02:07 PM	
Screen Name Redacted	.
4/23/2020 02:25 PM	
Screen Name Redacted	I'm curious about what environmental impact the golf course has on the surrounding land and water, specifically if fertilizers or weed control substances leach into the creek. Also, how much water does the golf course use and what kind of watering system is used.
4/23/2020 03:41 PM	
Screen Name Redacted	Electric Bikes - where you can & cannot ride them
4/23/2020 04:03 PM	
Screen Name Redacted	removing stop lights and replacing them with safer and more environmentally friendly round-a-bouts. banning single use plastic. setting up a program by which take out containers are reusable and are returned to businesses for credit. i.e. you pay an extra 5\$ for reusable containers when you order out, but you get that 5\$ back if you return the containers. it could start off as 'businesses have to offer it, but customer use is voluntary' for a set period of time like a year to get people used to it, and then going into mandatory after a year.
4/23/2020 04:37 PM	
Screen Name Redacted	Above code energy efficiency for new homes and buildings.
4/23/2020 05:40 PM	
Screen Name Redacted	I am not certain of what Louisville is doing and wonder if it could be posted on Facebook?
4/23/2020 06:18 PM	
Screen Name Redacted	Building Code Energy Requirements
4/23/2020 06:37 PM	
Screen Name Redacted	nope

4/23/2020 09:13 PM

Screen Name Redacted

4/23/2020 10:34 PM

I am glad to have clean energy, water conservation, reduced energy use practiced by the City. I would love to see habitat for wildlife increased and more community gardens.

Screen Name Redacted

4/24/2020 05:07 AM

Subsidize local citizens to install more renewables on their respective residences to help the city reach its goals. Let's turn our homes into a community solar garden for all to benefit.

Screen Name Redacted

4/24/2020 05:34 AM

Building Department providing more motivation for builders to use smarter designs for natural solar and earth connections.

Screen Name Redacted

4/24/2020 08:00 AM

not at this time

Screen Name Redacted

4/24/2020 08:18 AM

I would to see a city wind mill and solar farm

Screen Name Redacted

4/24/2020 11:35 AM

No

Screen Name Redacted

4/24/2020 01:26 PM

Recycle is great. I'd like to see the city approach a reuse strategy and partner with restaurants and coffe shops.

Screen Name Redacted

4/24/2020 03:16 PM

Incentives for solar energy

Screen Name Redacted

4/25/2020 07:59 AM

Weed mitigation and volunteer maintenance on open space

Screen Name Redacted

4/25/2020 01:57 PM

On more than one occasion I've called the Republic contact number, left a message, and never heard back - is anyone monitoring whether they actually staff that position? Its hard to get a person on the phone to talk about service changes

Screen Name Redacted

4/25/2020 03:57 PM

Please make republic bring us brown or green compost containers ! We would love to have a bigger compost container, now that it's the same price to get a bigger one . (we regularly fill up our small one). HOWEVER, they changed the color from brown (blends in) to Blue (unsightly) so it makes it really hard to conceal a big container in our yard with our HOA rules. PLEASE switch back to brown containers. And bring back the old provider while you are at it. They were more reliable.

Screen Name Redacted

4/26/2020 08:18 AM

N/A

Screen Name Redacted

4/26/2020 06:56 PM

Reducing plastic waste in the city, i.e. fee for plastic bags

Screen Name Redacted

4/27/2020 09:54 AM

One walk/bike friendly improvement that seems to be fairly simple and ignored in favor of more expensive/extensive options - the sidewalks between the train track and the intersection at Main and South Boulder are a mess. Sharp drop-offs that are hard to navigate for for young cyclists, standing water, trash, and debris. Massive improvements to that intersection have

Screen Name Redacted 4/28/2020 12:20 AM	been discussed for years, yet it could be greatly improved NOW with some much simpler repairs. This should have happened when Steel Ranch and North Main were constructed. Lawn maintenance.
Screen Name Redacted 4/29/2020 04:08 PM	I only have food waste and I'm not sure I can compost without yard waste.
Screen Name Redacted 4/29/2020 08:29 PM	N/A
Screen Name Redacted 4/29/2020 08:40 PM	Rush hour commuting options. Reducing idling pollution. Reducing noise pollution on S Boulder road and through Main Street. Promotion of sustainable businesses in Louisville.
Screen Name Redacted 4/29/2020 11:08 PM	Light pollution - dark sky codes.
Screen Name Redacted 4/30/2020 07:11 AM	EVs for city vehicles? More EV charging?
Screen Name Redacted 4/30/2020 07:20 AM	water quality; water treatment; exploring other types of water treatment that seek to further reduce chemicals in the water treatment process; would love to see local presentations on home composting, gardening. thank you
Screen Name Redacted 4/30/2020 08:06 AM	Energy efficiency analysis and building commissioning.
Screen Name Redacted 4/30/2020 08:51 AM	When commuting returns to normal I'd like to explore efforts to improve transit from Louisville neighborhoods to the McCaslin Park-n-Ride.
Screen Name Redacted 4/30/2020 09:01 AM	Water quality/conservation
Screen Name Redacted 4/30/2020 09:03 AM	We live in a neighborhood (Steel Ranch area) where composting is difficult because none of us generate enough compost to fill the barrel. The barrel takes up a lot of space in garages. A centralized compost bin in our small neighborhood would be more efficient. Or maybe someone can think of a better solution.
Screen Name Redacted 4/30/2020 10:51 AM	Sustainability efforts are a waste of resources in service to political correctness.
Screen Name Redacted 4/30/2020 11:55 AM	On question 9, I have no idea whether my condo uses Republic Services. I would like the city to explore planting lots and lots more shade trees. Note that your questions seem more aimed at individual homeowners rather than condo or apartment dwellers like me.
Screen Name Redacted 4/30/2020 01:20 PM	Solar energy; plastic waste reduction
Screen Name Redacted 4/30/2020 02:26 PM	Increase efforts to reduce plastic usage, so much plastic being thrown out even with the amount of recycling that we do. Increase dedicated bike paths

Screen Name Redacted 4/30/2020 08:33 PM	between boulder, louisville and lafayette. Composting pickup when not using Republic, they how about extending local leaf dropoff to as long as it takes leaves to fall off aspens. Totally ridiculous how early Louisville dropoff closes
Screen Name Redacted 4/30/2020 08:41 PM	Open space preservation and history
Screen Name Redacted 4/30/2020 08:47 PM	I'd love to see more climate literacy and action brought into our schools.
Screen Name Redacted 4/30/2020 08:49 PM	Composting help
Screen Name Redacted 4/30/2020 10:04 PM	Recycling contaminants
Screen Name Redacted 4/30/2020 10:19 PM	Empowering our community, starting with young people, to create a new economy that will be able to run on a lot less energy. How do we apply principles of living systems to this effort - all of our careers? Consider the possibility that if we do not do this/something like this, then the existing economy will essentially replicate itself and will adapt much too slowly to reduce greenhouse gas emissions (let alone reverse other unsustainable trends).
Screen Name Redacted 5/01/2020 04:12 PM	Greater direct bike accessibility to downtown. Trails all the way downtown and easy bike-parking trail access. Connect Coal Creek trail to the pavilion.
Screen Name Redacted 5/01/2020 10:18 PM	City revenues will drop substantially due to COVID and may be reduced for several years. Hydrocarbon fuels will also be cheap for years to come for the same reason. I would dare say that Louisville's Sustainability goals and programs are "unsustainable". The biggest threat ahead is not "carbon"/carbon dioxide, but unemployment and lack of economic vitality. Time to prioritize core municipal functions (roads, utilities, police, fire, recreation, support of business) and defer other programs/services until the economy recovers
Screen Name Redacted 5/03/2020 12:10 AM	I have an idea. Louisville is a craft beer town. Create a bike corral for the Louisville Street fair (like a coat check) where each bike is exchanged for 1-2 beer tokens to reduce congestion, drunk driving, and alleviate parking scarcity for those who come from out of town. You'll also reduce the carbon footprint of the fair which is the objective here. Samuel Shaw, thespeer.org, samrshaw1994@gmail.com
Screen Name Redacted 5/04/2020 09:48 AM	more xeriscape how-to's.
Screen Name Redacted 5/04/2020 10:29 AM	Elimination of herbicides in the city to improve our water qualify for humans and animals.
Screen Name Redacted 5/04/2020 10:42 AM	I'd like to learn more about all of the topics above, but I'm most interested in the City's plans toward climate change and energy sustainability.
Screen Name Redacted	Trash pick up should be every 2 weeks and compost/recycling every week.

5/04/2020 10:53 AM	City should impose fees for not recycling or composting. It should not be optional. Bag fees at stores for sure and fees for takeout containers at restaurants (after COVID-19) (bring your own); only compostable takeout containers
Screen Name Redacted 5/04/2020 11:47 AM	How the city's zoning and planning coincide with climate goals and preservation of open space.
Screen Name Redacted 5/04/2020 12:36 PM	Better management of recycling or disposing of hazardous waste, including styrofoam. More access to low-cost or zero cost disposal of such. Better communications about the materials that we should not use in packaging. Lobby big box stores (or mid size) to allow for online shopping with in-store pick ups (reduce the environmental impact of direct to home shipping). Make more free compost material available from Republic at the Limb drop off site. Low or no water landscaping requirements for city and commercial land. Better identification and communication of all water leaks.
Screen Name Redacted 5/04/2020 02:01 PM	Water harvesting for on site property use... such as collecting water from roof gutters and using it (instead of tap water) to water the surrounding property.
Screen Name Redacted 5/04/2020 08:42 PM	Backyard composting
Screen Name Redacted 5/04/2020 09:03 PM	Wind & solar energy for small farms
Screen Name Redacted 5/05/2020 01:56 AM	Building an organic garden.
Screen Name Redacted 5/06/2020 03:37 PM	Pay your own way for new developments
Screen Name Redacted 5/08/2020 06:36 PM	Planning for climate change - what revisions to residential landscaping, Louisville open space land, and Louisville parks and greenbelts should be taken to prepare for the changing climate
Screen Name Redacted 5/14/2020 02:30 PM	I'm interested in hearing how the city can truly integrate responses to environmental issues. For instance, can we demo/explore different paving surfaces in roads so we aren't using "black top" which soaks up solar heat and radiates the heat at night? Can the city demo how perennial gardens can function as habitat and wildlife food sources, as well as provide stormwater filtration to protect our streams? Would it be possible to use the hydrostatic head in the city's water distribution system to create hydroelectric power? It seems our "environmental issues" are put into categories, and the linkages between the approaches are not explored and/or promoted. Thinking holistically is the fundamental basis of sustainability.
Screen Name Redacted 5/20/2020 11:56 AM	Slow down vehicle traffic on Via Appia. Have the Police Dept. start writing citations to offset revenue shortfalls.
Screen Name Redacted 5/21/2020 07:55 AM	Community compost pickup/drop off
Screen Name Redacted	Adding commercial and HOA developments to the trash diversion program.

5/21/2020 12:57 PM

Screen Name Redacted

5/21/2020 03:57 PM

I would like the city to back to using Western Disposal for our trash & recycle pickup. Western Disposal is a local company that does many things for our community. I didn't see any Republic trucks in the Christmas parade in 2019!

Screen Name Redacted

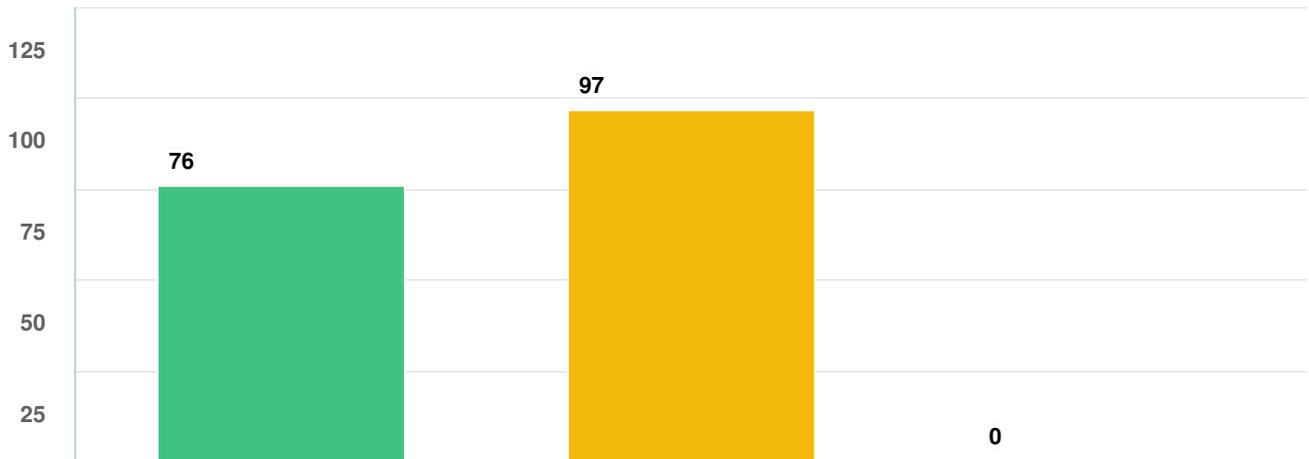
5/21/2020 06:26 PM

More sustainability from restaurants especially with so much take out food. In general, more about food, including transportation, water usage, etc.

Optional question (89 response(s), 86 skipped)

Question type: Essay Question

Q14 Gender:

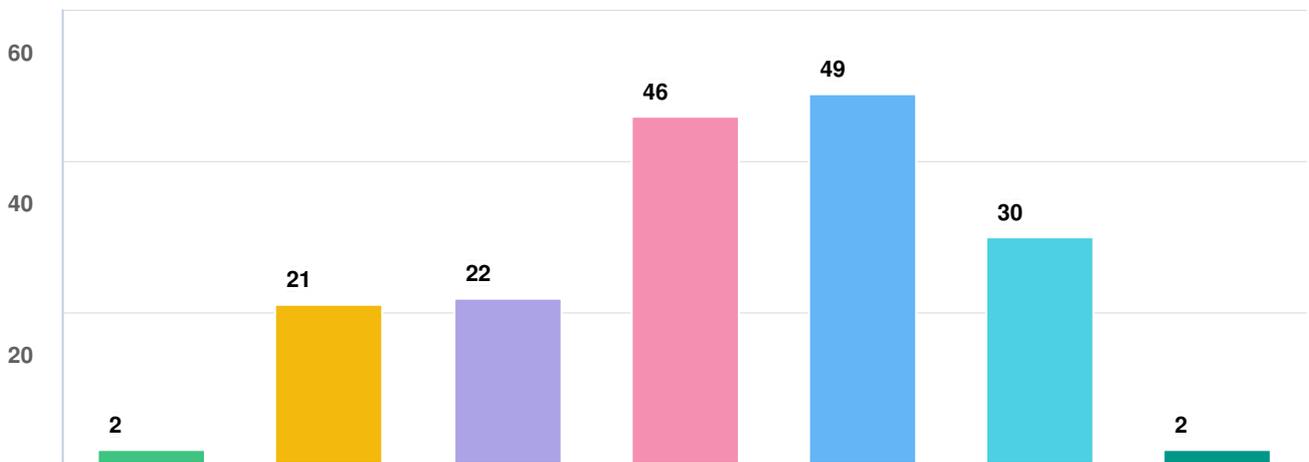


Question options

- Male
- Female
- Other

Optional question (173 response(s), 2 skipped)
Question type: Checkbox Question

Q15 Age Bracket:

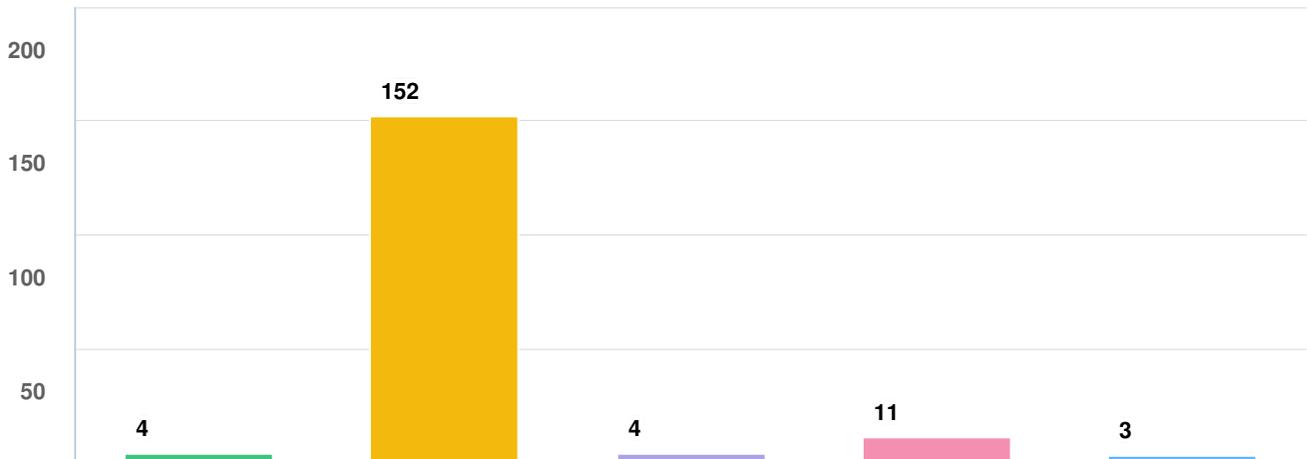


Question options

- 15-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65-74
- 75+

Optional question (172 response(s), 3 skipped)
Question type: Checkbox Question

Q16 In which type of housing do you currently live?

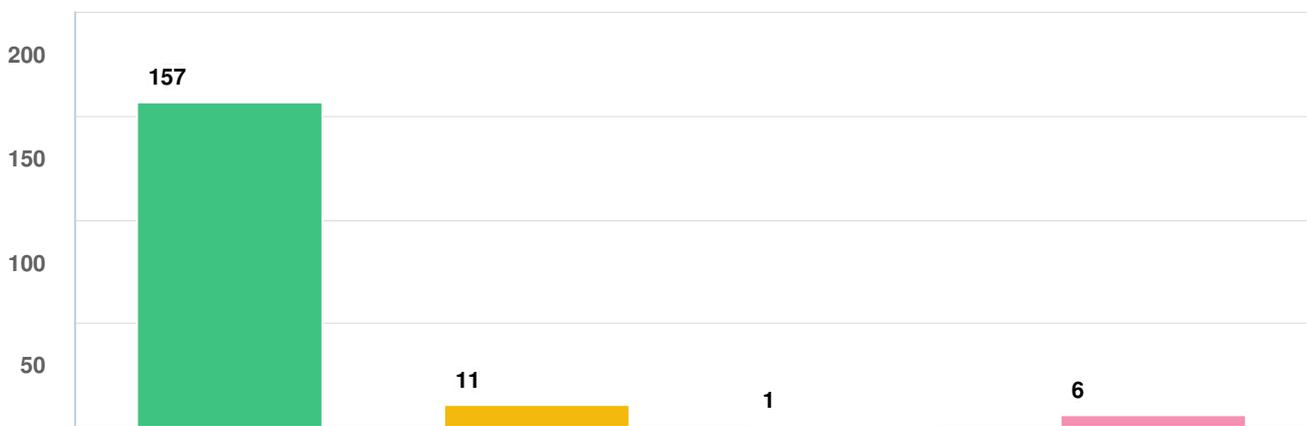


Question options

- Apartment
- House
- Duplex
- Condominium
- Other

Optional question (173 response(s), 2 skipped)
Question type: Checkbox Question

Q17 Which of the following best describes your current housing situation?



Question options

- Homeowner
- Renter
- I live in housing where I do not pay rent.
- I live in housing where I assist with rent or a mortgage.

Optional question (174 response(s), 1 skipped)
Question type: Checkbox Question



Memorandum

To: Louisville Sustainability Advisory Board

From: Katie Baum, Sustainability Specialist

Date: June 17, 2020

Re: Discussion Item 9: Sustainability Action Plan – Second Review

Summary

In 2012, the Louisville Sustainability Advisory Board tasked themselves with the creation of a document to outline recommendations for the City. The Sustainability Action Plan is intended to articulate Louisville's vision to create a more sustainable community as well as provide a roadmap for achieving our collective goals.

Adopted by City Council in 2016, the plan includes guidelines for internal City operations as well as communitywide approaches for residents and businesses. In general, the current plan has a focus on environmental impacts and their potential economic benefits.

Due to the nature of the Louisville Sustainability Action Plan (LSAP) as a guiding and living document, staff and LSAB has recognized needed updates to the LSAP and tasked themselves in 2019 with updating and amending the framework. Over the course of 2019, staff and LSAB have discussed necessary changes and updates. Staff has developed a first draft for LSAB's review and presented in February. In this second draft, Appendix A (Priority Matrix at Council's request) has been added.

Next Steps

Staff has developed a second draft for LSAB's review. I



LOUISVILLE

Sustainability Action Plan

2020 UPDATE

ADOPTED BY CITY
COUNCIL
SEPTEMBER XX,
2020



COLORADO • SINCE 1878

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Acknowledgements

The City of Louisville Sustainability Action Plan 2020 update would not have been possible without the support and dedication of leadership, staff, the Sustainability Advisory Board and regional partners.

CITY COUNCIL

- Ashley Stolzmann, *Mayor*
- Dennis Maloney, *Mayor Pro Tem, Ward III*
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- Jeff Lipton, *Ward II*
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- Nathan Moseley, *Director of Parks, Recreation & Open Space*
- Ember Brignull, *Open Space Superintendent*

GROUPS, ORGANIZATIONS AND STAKEHOLDERS

- Lea Yancy, *Boulder County*
- Tim Broderick, *Boulder County*
- Zac Swank, *Boulder County Partners for a Clean Environment*
- Matt Hannon, *Boulder County Partners for a Clean Environment*
- Craig Eicher, *Xcel Energy*
- Susan Davis, *Xcel Energy*
- RJ Harrington, *Resident*
- Martin Ogle, *Resident*



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IT IS WITH GREAT PLEASURE THAT I INTRODUCE THE FIRST UPDATE TO THE LOUISVILLE SUSTAINABILITY ACTION PLAN.



In 2012, the Louisville Sustainability Advisory Board (LSAB) tasked themselves with the creation of a Sustainability Action Plan, a framework to guide Louisville's vision to create a more sustainable community as well as provide a roadmap for achieving our collective goals. In November of 2016, City Council adopted Louisville's first Sustainability Action Plan. Since that time, our community has made significant progress to achieving our goals and strategies, and in order to continue our momentum, LSAB began the updating process in July 2019.

A few important projects and milestones that influenced the 2020 update include the following:

Community-Wide and Municipal Carbon-Free and Emission Reduction Goals

In August 2019, City Council unanimously agreed to adopt renewable energy and carbon emission reduction goals for both the community and City operations. In order to achieve these goals and our significant step forward, an update of the Sustainability Action Plan was needed to provide guidance on implementation.

Evolving Regional Partnerships and Opportunities

In September 2018, Louisville graduated from Xcel Energy's Partners in Energy program and moved forward with our ongoing partnership by entering into an Energy Future Collaboration. Unlike the previous Partners in Energy program, Energy Future prioritizes both renewable energy integration as well as energy efficiency and usage reduction.

Transportation Master Plan (TMP)

City Council adopted the Transportation Master Plan on October 1, 2019. The TMP is a comprehensive, multimodal look at transportation conditions and options throughout Louisville and the region and provides recommendations and alternatives that are critical for a sustainable future.

We have a lot of work remaining, but I'm happy to report that we have already achieved some of our targets and strategies, and we have many new and impactful sustainability opportunities on the horizon.

Your partner in sustainability

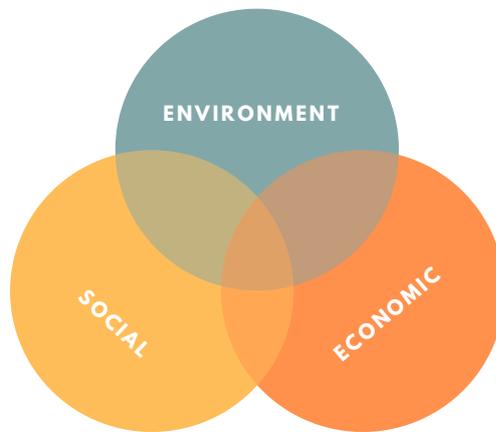
Heather Balser
City Manager



Sustainability Vision

Sustainability is an integrated, ever-evolving concept and is a vital in developing a resilient community. Defined in 1987 by the United Nations Brundtland Commission, sustainability is meeting the needs of the present without compromising the ability of future generations to meet their own needs. For any community to thrive, it must consider that all resources have limits.

The City of Louisville recognizes that sustainability is not based solely on environmental impact, and our sustainability vision utilizes the triple-bottom line approach when analyzing policy, operations and future decision-making. No solution can be sustainable unless it fulfills all three pillars.



ENVIRONMENTAL STEWARDSHIP

We actively work to support our natural systems within Louisville and evaluate and consider the impact that community operations, programs, services and regulations have on the local, regional and global environment.

SOCIAL EQUITY

Social equity is our active commitment to fairness and equality in policy consideration, implementation and distribution of public services.

ECONOMIC VITALITY

We are dedicated to making Louisville a vibrant and diverse business environment. Louisville takes a balanced approach to economic development to retain our existing business partners and attract new ones.



Plan Structure

This Sustainability Plan update is organized around seven inter-related sustainability topics: Climate, Energy, Transportation, Waste, Water, Ecological Health and Local Food and Agriculture. Each topic is separated into progressing steps forward and laid out by the following:

GOALS

Each topic has one associated goal that identifies the overall desired state of the community.

INTERNAL AND EXTERNAL OBJECTIVES

Each topic area and its corresponding goal are separated into internal and external objectives. Internal objectives and strategies are specifically related to municipal operations and procedures in order to lead by example. External objectives and strategies are aimed at the entire community, both residential and commercial/industrial.

NEAR TERM VS MID TERM STRATEGIES

Strategies are identified actions to achieve the described goals and objectives and are categorized as near term or mid term. All strategies within this plan have been vetted and prioritized. Further prioritization can be found in Appendix A. In this instance, near term is defined as a timeline of one to two years, whereas mid term is three to four years. At the end of four years, the planning process for the next update will be in progress.

Other major chapters of the Sustainability Action Plan (SAP) include the following:

APPENDIX A

Strategy Priority Matrix

APPENDIX B

2020 Plan Update Summary of Revisions

INCORPORATED PLANNING EFFORTS

Louisville has completed multiple planning efforts that relate to sustainability. Throughout the engagement process for these plans, residents shared their desire for environmental stewardship. The SAP update takes these plans into consideration and incorporates previous input, strategies and recommendations when applicable.

- Sustainability Action Plan 2016
- Boulder County Environmental Sustainability Plan
- City of Louisville Strategic Plan
- Transportation Master Plan
- Trail and Wayfinding Master Plan
- Comprehensive Plan
- Drought Management Plan



Climate



CLIMATE

INTRODUCTION

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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GOAL

Achieve emissions reduction targets identified in Louisville's climate action goals and become more resilient to the effects of climate change.



CLIMATE

INTERNAL OBJECTIVES

Reduce core municipal greenhouse gas emissions annually below the 2016 baseline through 2025.

NEAR TERM

Adopt internal policies that establish climate action as a top priority for the organization and guiding principle for decision making.

Ensure that all departments understand their role in achieving Louisville's climate action and sustainability goals.

MID TERM

Continue to be an active member in statewide organizations that are working on our behalf to combat climate change, such as Colorado Communities for Climate Action (CC4CA).

Please see other chapters of this plan for more municipal climate-related strategies related to specific topic areas such as Energy (PAGE 16), Transportation (PAGE 21), Waste (PAGE 28) and Ecological Health (PAGE 40).

COLORADO COMMUNITIES FOR CLIMATE ACTION



The City of Louisville is an active member of Colorado Communities for Climate Action (CC4CA), a coalition of 32 local governments across the state advocating for stronger state and federal climate policy. CC4CA members understand that climate change poses unique and severe risks to our communities and that we cannot meet our own local climate goals without effective state and federal policy.



CLIMATE

EXTERNAL OBJECTIVES

Reduce core community greenhouse emissions annually below the 2016 baseline through 2030.

NEAR TERM

Continue communications surrounding climate action and Louisville's climate action goals.

Promote local and regional programs and initiatives that assist residents and commercial entities in reducing their greenhouse gas emissions (i.e. EnergySmart, Xcel Energy's Home Energy Squad, etc.).

MID TERM

Explore a mandatory or voluntary benchmarking requirement for commercial and industrial buildings owners in Louisville and support collaboration on a County level.

Pursue future climate change preparedness policies and collaborative efforts at the local, regional, and state levels.

Please see other chapters of this plan for community climate-related strategies related to specific topic areas such as Energy (PAGE 16), Transportation (PAGE 21), Waste (PAGE 28) and Ecological Health (PAGE 40).

LEADING BY EXAMPLE



SOLAR AT WATER TREATMENT

The City has three on-site solar arrays to help generate power and offset energy consumption. The sites, located at the North Water Treatment Plant, the South Water Treatment Plant, and the Wastewater Plant, produce about 1,045 kW of electricity.

COMMUNITY IN ACTION



GLOBAL CITIZENS GEOGRAPHY CLUB

The Global Citizens Geography Club at Louisville Elementary School is a student-driven and teacher-led school group that supports students being civically engaged while participating in the stewardship of our planet. Some of their efforts have focused on sustainable practices right here in Louisville, and some have been connected to larger issues of climate science and climate solutions. Students strive to educate and inform themselves and the students at their schools, while also reaching out to citizens of Louisville to share their learning. Recently, Louisville Middle School began a counterpart group, the Global Citizens Environment Club.

LEADING BY EXAMPLE



100% CARBON FREE CITY FACILITIES

In August 2019, City Council adopted the City's first climate action goals. Five years ahead of schedule, all municipal facilities are running on 100% carbon-free electricity.



Energy





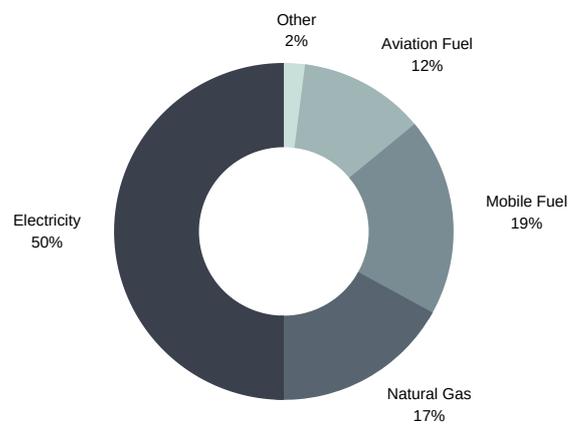
ENERGY

INTRODUCTION

The City of Louisville and its residents understand the role of energy and the built environment in creating a sustainable and resilient community. Since the original adoption of the Louisville Sustainability Action Plan in 2016, significant steps have been taken in regard to electricity and energy use and as recommended in the original document, the City adopted climate action goals in August of 2019.

Electricity and natural gas are the top two sources of greenhouse gas emissions in Louisville and derives mainly from residential and commercial buildings. Action in this area will improve air quality, reduce home and business energy cost, improve utilization of the electricity system and provide opportunities for regional and state leadership.

GHG Emissions by Source for the City of Louisville, 2016



Source: Boulder County 2016 Greenhouse Gas Emissions Inventory and Modeling Report

Achieving electricity and energy reduction goals will not be easy. It will require community participation and engagement, significant regional partnership and ongoing creativity. Through our existing programs and partners and an action-oriented community, Louisville is well-positioned to lead at the community level as it pursues further energy efficiency and renewable integration.

GOAL

Reduce energy consumption, promote energy efficiency in new and existing buildings, increase the use of carbon-free energy and transition away from fossil fuels.

INTERNAL OBJECTIVES

Reduce Louisville's municipal energy consumption

NEAR TERM

Perform energy audits on all major City buildings.

Collect and track energy use data for all municipal buildings using utility data tracking software.

Implement facility audit recommendations in partnership with state and Xcel Energy programs and with consideration of resource limitations and other constraints.

MID TERM

Aim to achieve 80% of all points within the Energy and Atmosphere section of the USGBC LEED for new City building construction

Develop facility and job specific behavior and operational modification strategies.

Increase Louisville's integration of carbon-free energy

NEAR TERM

Continue working with Xcel Energy to analyze existing infrastructure and available programs to understand opportunities.

Identify budget requests and grant opportunities required for implementation.

MID TERM

Meet all of Louisville's municipal electric needs with 100% carbon-free sources by 2025.

Explore expansion of capacity for on-site electric and solar thermal generation to decrease energy consumption.

EXTERNAL OBJECTIVES

Increase energy efficiency in residential and commercial properties across Louisville

NEAR TERM

Adopt building codes and policies that promote energy efficiency in new and existing buildings.

Promote available efficiency and sustainability programs for residents and businesses.

MID TERM

Develop a campaign to encourage commercial/industrial benchmarking of energy consumption through the use of data tracking software.

Develop a targeted outreach strategy to engage facility managers and property owners on energy conservation efforts and resources.

Develop, market to the community and update Louisville guiding documents to further address energy conservation.

Increase renewable energy adoption at residential and commercial/industrial properties in Louisville

NEAR TERM

Identify barriers to renewable energy participation and facilitate implementation of solutions.

Evaluate need and consider solar access policy.

Promote low-interest financing for residents and businesses to integrate renewable energy.

MID TERM

Increase outreach and education efforts with local solar installers, efficiency contractors, residents and business owners.

LEADING BY EXAMPLE

MUNICIPAL EFFICIENCY UPGRADES

The City participated in nine Xcel Energy efficiency opportunities in 2019. The completed projects have an estimated energy savings of 679,416 kWh per year. That's the equivalent of taking 102 passenger vehicles off the road for one year!



COMMUNITY IN ACTION



Community Food Share's solar array

LOUISVILLE GREEN BUSINESS PROGRAM

Partnering with Boulder County's Partners for a Clean Environment (PACE), the Louisville Green Business Program provides assistance for all businesses to implement new sustainable practices and cost-saving measures, shaping a vibrant green economy here in Louisville. In 2019, 39 Louisville businesses received 2019 Green Business Awards in the Platinum, Gold, Silver, and Bronze categories.



Mayor Stolzmann presenting Christ the Servant Lutheran with their 2019 Platinum award



Green business representatives attend a solar workshop in Boulder



Transportation





TRANSPORTATION

INTRODUCTION

A city-wide multimodal transportation system is needed to meet the mobility and access needs of all users and to support health and wellness. This can be achieved by proactively planning land use and transportation infrastructure as a multimodal system that facilitates a balanced system and enhances travel by bicycle, transit, and foot.

As more people are spending time in Louisville, and traveling through the city to get to other regional destinations, it is important that the transportation network continues to develop to meet our changing and diversifying needs in a sustainable and inclusive manner. On October 1, 2019, Louisville adopted its first-ever Transportation Master Plan, which comprehensively evaluates transportation conditions and options throughout the community and region for all modes of transportation and establishes eight transportation goals, all of which focus on a balanced transportation system.



31%

of trips within Louisville, or to and from Louisville, are three or less miles in distance.



72%

of Louisville-based workers commute by driving alone.



38

Walk Score out of 100

Source: Louisville Transportation Master Plan, 2019

GOAL

Provide and maintain environmentally sustainable and safe transportation choices for all Louisville residents to enhance community connectivity while reducing environmental impact.





TRANSPORTATION

INTERNAL OBJECTIVES

Reduce the GHG emissions from the City fleet.

NEAR TERM

Incorporate cyclist-safety and green driving training into employee education.

Continue evaluation of City fleet and usage to evaluate electrification and shared fleet potential.

Install anti-idle devices within pilot percentage of police vehicles and evaluate effectiveness and cost savings.

Consider a micro-mobility solution for employees to utilize between facilities (i.e. bike share, e-bikes).

MID TERM

Consider down-sizing or eliminating underutilized vehicles from fleet.

Develop EV charging stations in strategic City locations for future PHEV and EV fleet integration.

Actively promote the adoption of hybrid, plug-in hybrid electric vehicle (PHEV), and battery electric vehicles (BEV) for Louisville's fleet as appropriate technology develops.

Ensure all Louisville employees have access to multimodal means of local and commute travel, to reduce single-occupancy vehicle commute trips, and explore creative ways to incentivize employees to reduce the carbon footprint of their travel



TRANSPORTATION

NEAR TERM

Survey employees to better understand commuting patterns and available commuting solutions.

Incorporate EV infrastructure in any new construction and/or major remodels of city-owned buildings and provide employee pricing.

MID TERM

Offer transportation incentives to employees, such as Regional Transportation District (RTD) EcoPasses, pass books, Vanpool subsidies, Bike to Work Day incentives, secure bike parking, e-bike charging stations and employee showers within each building.

Create new programs to mitigate vehicle miles traveled (VMT) such as parking cash-out programs, car-share opportunities, commute challenges with prizes and increased access to pool vehicles.

LEADING BY EXAMPLE



ELECTRIC VEHICLE CHARGING

In November 2019, the City completed installation of a Level 2 dual port at the Recreation and Senior Center. In efforts to achieve community climate action goals, the City is preparing for and implementing actions that support the increased use of plug-in electric vehicles (EVs) and decarbonization throughout Louisville and the region.



TRANSPORTATION

EXTERNAL OBJECTIVES

Increase modal choice and decrease the single-occupancy vehicle share of local and regional trips

NEAR TERM

Facilitate participation in initiatives and programs that encourage residents to use bicycle and pedestrian transportation.

Continue efforts and build-out surrounding recommended actions within the Transportation Master Plan.

Pursue Bronze or Silver Bicycle-Friendly Community status.

Continue efforts to coordinate on a regional level to implement a bike share program.

Coordinate and communicate public transit programs.

MID TERM

Inventory and strategically improve Louisville bus stops to increase ridership, comfort and safety.

Evaluate a free ride program for income-limited residents.

Support the public adoption of EVs and assist in the installation of public charging stations

NEAR TERM

Support and promote installation of EV charging stations at commercial/industrial development and sites.

Provide educational opportunities and programs on PHEV and EV adoption to residents and commercial entities.



TRANSPORTATION

MID TERM

Evaluate EV-ready building code adoption.

Pursue opportunities for pooled purchasing programs for EVs and electric bikes with County or other regional partners.

Work with Xcel Energy through the Energy Future Collaboration to promote the public health benefits of EVs and alternative funding and initiatives.

Collaborate with regional agencies to develop solutions to provide sustainable transportation management services.

NEAR TERM

Participate in transportation policy monitoring and advocacy.

MID TERM

Work regionally to expand transit pass options and incentives.

Enhance shared transit facilities outlined in the Transportation Master Plan.

Coordinate vehicle share and transit operations.





COMMUNITY IN ACTION



BIKE TO WORK DAY

Every third Wednesday in June, Bike to Work Day participants visit stations scattered throughout the community to celebrate bike commuting. In 2019, over 200 participants stopped by the City's breakfast station for pancakes, giveaways and music!





Waste

INTRODUCTION

The City of Louisville is committed to developing policies, programs and infrastructure that help residents and businesses achieve responsible, sustainable waste management and support countywide efforts to reach zero waste "or darn near." These efforts include: providing curbside recycling and composting for residents; enhanced programming and education around zero waste events, composting and hard-to-recycle; seasonal leaf and branch drop offs; and the safe management of hazardous materials.

Although high diversion rates with residential premises under the City's waste hauler contract, the community-wide picture is much different as commercial and industrial entities, as well as exempted residential premises, landfill at a higher rate.

Community-wide diversion presents opportunity to engage with new entities, work closely and creatively with neighboring municipalities and regional partners and educate both residents and visitors alike on the waste vision of Louisville.

GOAL

Increase community and municipal waste diversion, striving for a goal of zero-waste, and manage resources responsibly and effectively.





WASTE

INTERNAL OBJECTIVES

Work toward zero waste in City facilities, operations and events

NEAR TERM

Conduct facility waste characterization studies to determine the specific composition and quantity of waste generated.

Set diversion targets where appropriate where appropriate and identify opportunities to minimize waste generation and increase diversion.

Identify opportunities to increase diversion or zero waste at City-sponsored events.

Develop employee education and behavioral change strategies.

MID TERM

Identify budget requests required for implementation.

Develop internal green purchasing policies and new operational policies to further waste reduction

NEAR TERM

Assess existing purchases and contracts to identify opportunities to transition to more sustainable products or service.

MID TERM

Establish a set of criteria, specific to product or service categories, that can be used to identify preferred products and services.

Provide customized support to City departments to support implementation of sustainable procurement.



WASTE

EXTERNAL OBJECTIVES

Create a culture of zero waste in Louisville through education, infrastructure and services

NEAR TERM

Develop education campaigns for single-family residences, multifamily residences and businesses.

Identify opportunities to provide zero waste education.

Provide events and programs to dispose of hazardous and hard-to-recycle items.

MID TERM

Support food waste reduction and redistribution efforts.

Customize and distribute information on resource recovery facilities in Louisville and Boulder County.

Support multifamily and business compost collection systems and education.

Increase commercial and construction material diversion

NEAR TERM

Continue to support and promote free waste audits and services to commercial entities through the Louisville Green Business program.

Evaluate policies and provide incentives for commercial entities to adopt zero waste collection programs.

MID TERM

Work with Boulder County and surrounding municipalities to understand residential and commercial deconstruction and incentivize construction and demolition materials recycling and reuse.



WASTE

EXTERNAL OBJECTIVES

Support diversion through additional strategies

NEAR TERM

Partner with local retailers to reduce the use of nonrecyclable, non-compostable and non-reusable containers.

Evaluate policies related to nonrecyclable items within Louisville.

Encourage and collaborate with Home Owner Associations to offer the same level of waste services as the City.

MID TERM

Promote circular opportunities for city-generated recyclables and compost.

Support capacity for construction and demolition materials transfer, sorting, processing and reuse.

Work with Boulder County to develop a construction and demolition tracking and reporting system and evaluate potential requirements.

CITY WASTE COLLECTION



Boulder County Recycling Center

The City includes a refuse, recycling and composting program as a part of our utility service to single-family homes (excluding some HOAs). This service is intended to lower costs for the majority of Louisville residents, reduce truck traffic and its associated pollution, as well as increase diversion rates. Rates are based on customer solid waste cart size and include recycling and compost collection.



LEADING BY EXAMPLE



RECYCLING + COMPOSTING AT CITY FACILITIES

From large City-sponsored events to high school graduation parties, our parks, shelters, and recreation areas are visited by tens of thousands of visitors annually. To increase community waste diversion, Louisville has begun expanding recycling and composting into Parks and Open Spaces. With grant funding from Boulder County, new composting and recycling receptacles have been placed at high-use recreation areas and park shelters such as Community Park, Pirate's Park, Memory Square Park, Cottonwood Park, and other locations. Look for these bins the next time you visit our public spaces.

COMMUNITY IN ACTION

WASTE DIVERSION AT COMMUNITY EVENTS

The City hosted 11 events with EcoCycle's help in 2019 – Labor Day, Senior Dinner, Taste of Louisville and 8 Street Faire events. During the events, attendees diverted 8,508.52 lbs of waste out of 9,347.53 total lbs – that's an approximate 91% diversion rate!





Water



INTRODUCTION

Clean, plentiful water supply is a critical necessity. Originating as snow melt in the Rocky Mountains, Louisville's water supply provides drinking water for residents and visitors, supports our economy and provides rich habitat for wildlife and enjoyable recreation within the community. Louisville obtains the majority of its water supply from South Boulder Creek and is also a participant in Northern Water's Colorado - Big Thompson project and the Windy Gap project. To serve residents and businesses, the City has two water treatment plants with capacity to produce up to 12.1 million gallons per day.

Water in the semi-arid west is a precious resource, and drought is a continuous concern as the climate changes. Through partnerships, programs and resources, Louisville is committed to supporting efficiency and conservation and protecting water quality for our residents, businesses and wildlife populations.

GOAL

Support water efficiency and quality and ensure a clean, reliable water supply for current and future natural landscapes and the community.





WATER

INTERNAL STRATEGIES

Reduce water usage and improve efficiency of water use within City buildings

NEAR TERM

Benchmark all City buildings' indoor water use and prioritize facilities for water audits based on resource use and reporting mechanisms.

Ensure that new City buildings achieve 80% of the U.S. Green Building Council's (USGBC) Leadership in Energy & Environmental Design (LEED) points within the applicable water efficiency section of the USGBC new construction process.

Set facility-specific efficiency targets where appropriate.

MID TERM

Implement facility audit recommendations with consideration of resource limitations and other constraints.

Develop facility and job specific behavior and operational modification strategies.

Reduce City outdoor water usage

NEAR TERM

Benchmark all City buildings' outdoor water use, data collection on square feet of landscape being irrigated and service charges for all water-related utilities

Replace irrigated turf around City buildings and on City property where appropriate.

MID TERM

Repair, upgrade, and adjust all irrigation systems with the most efficient available technologies over time.

Evaluate capacity to expand the reuse system and increase recycled water usage on City landscaping and open spaces.



WATER

INTERNAL STRATEGIES

Improve and maintain water quality

NEAR TERM

Begin the development of a comprehensive Stormwater Management Plan.

Continue to update procedure manuals and operational plans related to water use, wastewater and storm water treatment and incorporate methods to promote sustainability and limit environmental impacts.

MID TERM

Evaluate street design specifications (such as road widths or type of curbing), erosion and sediment control ordinances, landscaping requirements, and other standards that encourage the use of Low Impact Development (LID) practices.

Continue improving water quality and maintain the water supply on Parks & Open Space properties

NEAR TERM

Support ecological stream restoration and in-stream flow efforts to aid species recovery and improve water quality.

Explore nontoxic management practices for pest and weed control where possible or pilot in compliance with City adopted policy.

MID TERM

Research and consider Green Infrastructure Network (GIN) strategies and management best practices for implementation on City-owned properties.

Evaluate capacity to expand the reuse system and increase recycled water usage on City landscaping and open spaces.



WATER

EXTERNAL STRATEGIES

Expand water conservation education for City residents and businesses

NEAR TERM

Conduct a gap analysis of the water efficiency tools, resources and incentives for residents and businesses.

Continue to expand and promote available water conservation programs.

MID TERM

Develop a campaign to encourage benchmarking of commercial water consumption through the use of data tracking software.

Employ a targeted outreach strategy to engage facility managers and property owners on water conservation efforts and resources.

Develop, market to the community and update Louisville guiding documents that address water conservation and quality.

Maintain regional partnerships, collaboration and information sharing as it pertains to watershed health and supply

NEAR TERM

Engage in local source-water protection planning.

Continue to support the Keep It Clean Partnership and other intergovernmental agreements in minimizing pollution impacts in surface waters.

MID TERM

Coordinate with Boulder County on model greywater (water reuse) ordinance.

LEADING BY EXAMPLE

RECLAIMED WATER

Recycled water is wastewater treated to a standard that is suitable for irrigation and reuses water that would otherwise be lost downstream. Currently, Coal Creek Golf Course, Community Park, Miners Field and the Sports Complex are all currently served by recycled water and utilize all available capacity.



COMMUNITY IN ACTION



A Louisville resident's finished replacement.

GRASS TO GARDEN

Through partnership with Resource Central, water customers have the opportunity to swap 200 sq ft of maintained grass for a low-water, pollinator-friendly 'softscape' garden. Through the popular Grass to Garden program, water customers can receive a free Garden In A Box, a free Rain Bird Retrofit Kit to convert spray irrigation to drip irrigation if needed and a library of 'how to' guides and resources. Softscape gardens use up to 60% less water than traditional grass lawns and are a great option for low-use areas like sidewalk strips.



Ecological Health





INTRODUCTION

The City of Louisville owns or jointly owns 2,000 acres of open lands that serve a wide variety of purposes and values. Each open space property is designated with one or more classifications: Preserve, Protect, Visitor and Other. These lands provide invaluable habitat for many species of wildlife and plant communities, offer miles of trail system and enhance the livability and resiliency of Louisville.

As steward of these resources, protecting natural and cultural resources and providing opportunities for citizens to reconnect with nature and their cultural heritage is a priority for the community.



250

species of mammals, birds and reptiles in Louisville



38

years of Tree City USA designation



32

miles of trail system

GOAL

Mitigate the impact of the built environment and human behavior on our natural systems and improve the health and resiliency of Louisville's ecosystems.





INTERNAL OBJECTIVES

Manage the City's parks, open space, rights-of-way and other properties to maximize ecological health and biological diversity

NEAR TERM

Evaluate existing tree canopy as well as management and replacement plan.

Expand the planting of pollinator-friendly native plants in parks and public spaces.

Consider nontoxic management practices for pest and weed control in conjunction with Integrated Weed Management Plan.

Consider testing alternative management techniques on pilot sites.

MID TERM

Update the Open Space Master Plan and address environmental sustainability as well as new trends such as food production on open space and ecosystem services.

Identify opportunities to enhance policies related to ecological health and continue to develop implementation measures for policies already in place

MID TERM

Further integrate ecosystem health and biodiversity factors in City plans and policies and consider during the initial stages of the planning process.



EXTERNAL OBJECTIVES

Facilitate community-wide stewardship and increase awareness of the value of ecosystem health.

NEAR TERM

Continue to provide environmental education programs for residents of all backgrounds and ages.

Integrate environmental education into community events i.e. Open House, Labor Day, etc.

Identify opportunities for interpretive signage and on-site messaging in Louisville's parks, natural areas and public spaces.

MID TERM

Work with the Colorado State Cooperative Extension and other organizations to develop urban agriculture stewardship standards.

Minimize the volume of pollutants entering Louisville's terrestrial and aquatic ecosystems.

NEAR TERM

Support ecological stream restoration and in-stream flow efforts to aid species recovery and improve water quality.

Promote nontoxic best management practices for pest and weed control where possible in conjunction with City practices.

MID TERM

Consider enacting policies that limit the use of systemic persistent neurotoxins linked to declines in invertebrate species and pollinators.

Increase awareness of the impacts associated with the use of chemical fertilizers, pesticides and other toxins on pollinator species and overall ecological health through education.



EXTERNAL OBJECTIVES

Maintain existing trails and add additional miles of trails

NEAR TERM

Maintain all existing Louisville trails.

Update the Parks, Open Space and Trails Map.

Complete Kestrel trail to SH 42 Underpass connection.

MID TERM

Add more connectivity trails where appropriate as outlined in the Transportation Master Plan while preserving wildlife and other natural resources.

Consider the addition of trail amenities on high-use trails such as wayfinding and informational signage, fix-it stations, benches and appropriate waste receptacles.

LOUISVILLE WILDLIFE

With habitat for nearly 250 species of mammals, birds and reptiles identified in Louisville, the parks, open spaces and trail properties are a place for enjoyment as well as for the wildlife. Urban-adapted species such as coyotes, red foxes, raccoons, prairie dogs and skunks are commonly seen while there is also the opportunity to encounter a Swainson's Hawk, American Kestrel or Great-Horned Owl.





LEADING BY EXAMPLE



GOLF COURSE AUDOBON DESIGNATION

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COMMUNITY IN ACTION



VOLUNTEERING ON OPEN SPACE

Volunteers are a critical part of our community. Throughout the year, there many volunteer opportunities at our open spaces. Here, volunteers participated at a Pulling for Colorado event at Davidson Mesa focused on Common Mullein, a List C species on the Colorado Noxious Weed Act. Hand pulling and clipping seed heads are just two methods we use as part of our Integrated Weed Management Plan to combat noxious weeds on Open Space.



Local Food & Agriculture

Photo:
Louisville Community Garden by
Mary Ann Heaney



INTRODUCTION

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GOAL

Ensure a sustainable, local, safe and healthy food supply that is accessible to all and supported by our community.





EXTERNAL OBJECTIVES

Develop system of City-supported community gardens.

NEAR TERM

Evaluate barriers to community garden development in Louisville.

Consider policies or programs to remove barriers to community garden and urban agriculture development in Louisville.

MID TERM

Evaluate available opportunities to pursue an additional community garden on city owned property or through private-public partnership.

Offer education and outreach on local food and agriculture

NEAR TERM

Provide presentations about Louisville agricultural and backyard gardening resources to interested classes, agencies and organizations.

Provide local food and agricultural resources and information via social, web and print platforms.

Provide education and resources regarding pollinator guardianship.

MID TERM

Coordinate with local producers to provide resources and educational opportunities.

Expand connections between local food producers, residents and commercial entities within Louisville and Boulder County.



EXTERNAL OBJECTIVES

Increase accessibility of local food for vulnerable populations

NEAR TERM

Identify existing local food assets and gaps throughout the City.

Assess barriers to local food production and purchase.

MID TERM

Foster relationships between the City, existing food stores, commercial entities and neighborhood residents to encourage expansion of local food availability.

Support and promote opportunities for all residents to participate in community supported agriculture and other programs.

Evaluate programs such as Double Up Food Bucks that make low-cost, locally grown fruits and vegetables available to vulnerable populations.

COMMUNITY IN ACTION



GET TO KNOW YOUR LOCAL FARM

Each year the City's Open Space Division celebrates Colorado Ag Day by partnering with 7th Generation Farm. The event boasts free farm tours, hay rides, kids planting activities, history presentations and more!



COMMUNITY IN ACTION



LOUISVILLE COMMUNITY GARDEN

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APPENDIX A - STRATEGY PRIORITY MATRIX

The Sustainability Action Plan update seeks to identify new objectives and strategies to impact the six topics areas within the plan. Of the policies, programs and projects, some have greater opportunity for impact and have been identified below. Among these, some require more resources, some require greater operational effort and some will have variable impact on the triple bottom line approach detailed previously in the City's sustainability vision. While greater impact strategies are highlighted in the strategy priority matrix, it should be noted that all strategies, both near and mid-term, detailed throughout the plan are necessary steps forward to meet our sustainability vision and topic area goals.

The identified priority strategies meet one or more of the following conditions: policy changes or programmatic enhancements that achieve high impact or build necessary foundation for other strategies; partnerships already identified and/or engaged; time sensitive due to partner and/or regional context; lesser operational and financial resources; and addresses multiple impact areas of sustainability.



	Description	Objective	Cost	Level of Impact	Staff Effort	Partners	Notes	Triple Bottom Line
Climate	Explore a mandatory or voluntary benchmarking requirement for commercial entities.	External	\$\$	High	High	Boulder County PACE Xcel Energy Regional municipalities	Denver, Fort Collins and Boulder have all implemented benchmarking policies. There have been initial discussions regionally.	
	Identify barriers to renewable energy participation and facilitate implementation.	External	\$\$\$	High	High	Boulder County PACE Xcel Energy Regional municipalities		
	Ensure all departments and employees understand their role in achieving the climate vision and goals of City Council.	Internal	\$	High	Medium	None	Strategy is in progress with further integration work needed (i.e. Green Team development, communications, etc.)	
Energy + Water	Collect, track and report energy and water use data for all municipal buildings.	Internal	\$	High	Medium	Xcel Energy	Strategy is in progress.	
	Implement facility audit recommendations with consideration of resource limitations and other constraints.	Internal	\$\$\$	High	Medium	Xcel Energy Colorado Energy Office	Audits are in progress. Energy efficiency decreases consumption. Grants and ESCO financing are available.	

APPENDIX A - STRATEGY PRIORITY MATRIX

	Description	Objective	Cost	Level of Impact	Staff Effort	Partners	Notes	
Water	Develop and employ targeted outreach to engage facility managers and property owners on energy and water conservation program and efforts.	External	\$\$	High	Medium	Boulder County PACE Xcel Energy Resource Central	Commercial entities and multi-family units provide an opportunity for more robust outreach and programmatic support as high emmitters.	
	Expand and promote available water conservation programs.	External	\$\$	High	Low	Boulder County PACE Resource Central	Current water programs available do not provide robust water conservation strategies for Louisville businesses.	
	Begin the development of a comprehensive Stormwater Management Plan.	External	\$\$	Medium	High	Boulder County Colorado Water Conservation Board	According to the EPA, stormwater pollution is the number one source of water pollution in the country. This strategy was outlined In the 2016 plan.	
Waste	Assess existing purchases and contracts to identify opportunities to transition to sustainable products and vendors.	Internal	\$\$\$	Medium	High	Boulder County PACE CDPHE Regional municipalities	Time sensitive as municipalities across the Front Range are In process of evaluating purchasing and procurement policies.	
	Evaluate policies and implement incentives to encourage commercial entities to adopt zero waste collection.	External	\$\$	High	High	Local businesses Boulder County PACE CDPHE Regional municipalities		
Transportation	Continue efforts and build-out surrounding recommended actions within the Transportation Master Plan (TMP).	External	\$\$\$	High	High	As identified in the TMP	Strategy is in progress.	
	Pursue Bronze or Silver Bicycle-Friendly Community status.	External	\$	Medium	Medium	None		
	Evaluate EV-ready building code adoption.	External	\$	High	Medium	Boulder County PACE Xcel Energy		