

# **Louisville Sustainability Advisory Board**

## **Agenda**

**Wednesday, March 16, 2016**  
**City Hall, 749 Main Street, Spruce Room**  
**6:30-8:00pm**

**Chair:** Justine Vigil-Tapia

**Secretary:** Jamie Bartlett

**6:30-6:40pm:**

- I. Call to Order
  - a. Roll Call
  - b. Approval of Current Meeting's Agenda
  - c. Approval of February 17, 2016 Meeting Minutes
  - d. Public Comments on Items Not on the Agenda
  - e. Jay's Minute
  - f. Dave's Minute

**6:40-7:30pm:**

- II. CIP Discussion
- III. Review of Sustainability Roadmap
  - a. Revise the format (score ranking, additional categories)
  - b. Incorporate costs where possible (zero-cost, short-term ROI, cost to individual, city, etc.)

**7:30-7:45pm:**

- IV. Community Gardens update
  
- V. Sustainable-Topics information & education
  - a. City website - Allison

**7:45-8:00 pm:**

- VI. Log volunteer hours
- VII. Items for discussion at our next meeting (April 20, 2016)
- VIII. Adjourn

## ***Louisville Sustainability Advisory Board***

**Meeting Minutes: Wednesday, February 17, 2016**

**City Hall, 749 Main Street, Spruce Room**

**I. Call to Order:** The meeting was called to order at 6:34 pm by Mark Persichetti. Meeting Minutes taken by Justine Vigil-Tapia

**a. Roll Call: (*Members present in bold*):** **Mary Ann Heaney, Mark Persichetti; Justine Vigil-Tapia; Jamie Bartlett; Marianne Martin, Allison Johanson, Dan Delahunty, City-Staff Liaison Dave Szabados; City-Council Liaison Jay Keany.** Member of Public: **Susan Honstein**

**b. Approval of Current-Meeting's Agenda:** Approved without modification.

**c. Approval of Meeting Minutes:** The minutes from the January 20, 2016 meeting were approved.

**d. Public Comments on Items Not on the Agenda:**

Susan Honstein – member of Boulder County Food Systems Advisory Council shared the following:

- Mission of group is to support local agriculture and accessibility to the community
- Harvest Bucks – recipients of SNAP and WIC can use these benefits at Farmers Market and even some more dollars via Harvest Bucks' Program. Would like to extend program to Louisville but concerns about the lack of local food available.
- Soil sequestration – something being considered for Boulder Valley Comprehensive Plan.
- Local farmers are looking to find a commercial kitchen to do something with their surplus crop. Contact Adrian Card at Boulder County Parks & Open Space for more information.
- Additional information can be found in handouts (see attached)

Action Item: Ask Kerry to add MaryAnn as the point of contact for LSAB on the website.

**e. Jay's Minute:** Xcel looking into changing street lights to LEDs. Louisville spends about \$40K/month on street light energy costs. Council is developing their work plan for the year.

**f. Dave's Minute:** Submitted a grant request to Boulder County for business recognition and water program. Working on feasibility study to look at changing out some city vehicles to electric vehicles. City has 2 charging ports; there are also 2 private charging locations. Library parking lot will get LED retrofit – payback is less than 2 years.

### **II. Update Sustainability Roadmap**

- a. Review & incorporate results of recent LSAB online survey – results from 57 recipients. Mostly positive and supportive feedback. Discussed some ideas about moving the roadmap forward. Biggest challenge is how to get traction and support from City Council.
- b. Edits to be applied to each section, Jamie to revise format; make document easier to use
- c. Incorporate costs for each item where possible

- d. Comparison to other similar local plans - Mark researched sister city plans and ours aligns in terms of areas covered. Most cities have sustainability included in their comp plans. Jay reported that study session and council time has been planned for the topic of sustainability. By March 2, provide information back to Jamie.

May 24<sup>th</sup> is booked as a study session for sustainability plan and activities. Need to see if this includes time for LSAB?

**III.** Community Gardens update – 60% of plots are assigned. Gardening workshop is coming up. Denver Urban Gardeners is reviewing the detailed plan. Mid-March, garden work should be completed. Volunteers needed!

**IV.** Sustainable-Topics information & education – Mark did a scan of content on the city website.

a. Findings include:

- No information that deals with transportation or tail pipe emissions
- Other missing items? Provide recommendations to Meredyth. Allison to contact Meredith regarding process to get content revised.

b. Other information & education options we can promote for 2016?

**V.** Green-Business Awards program – spoke with Lafayette to get feedback on their program.

a. Action-plan with PACE, Chamber-of-Commerce – Mark and Dave will be meeting with Leah to learn more about PACE.

b. Funding from 2016 Boulder-County Sustainability Grant – other sources? Look for opportunities to apply/use grants to move roadmap goals forward.

**VI.** Log volunteer hours – complete

**VII.** Items for discussion at our next meeting (March 16, 2016)

Review of Sustainability Roadmap  
Community Gardens update  
City Website

**VIII.** Adjourned at 8:05 p.m.

**LSAB 2016 Schedule, Deadlines, Meeting Assignments**

If you are unable to fulfill your assignment, you are responsible for finding a replacement! ☺

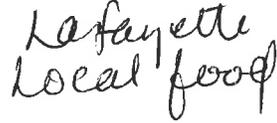
Secretary to email agenda, AND previous month's minutes to Kerry Holle <a href="mailto:kerryh@louisvilleco.gov">kerryh@louisvilleco.gov</a>	Meeting Date	Chair	Secretary
January 13	<b>January 20</b>	Mary Ann	Mark
February 10	<b>February 17</b>	Mark	Justine
March 9	<b>March 16</b>	Justine	Jamie
April 13	<b>April 20</b>	Jamie	Dan
May 11	<b>May 18</b>	Dan	Mary Ann
June 8	<b>June 15</b>	Mary Ann	Allison
July 13	<b>July 20</b>	Allison	Marianne
August 10	<b>August 17</b>	Marianne	Mark
September 14	<b>September 21</b>	Mark	Justine
October 12	<b>October 19</b>	Justine	Jamie
November 9	<b>November 16</b>	Jamie	Dan
December 14	<b>December 21</b>	Dan	Mary Ann

\*A crossed out name followed by a second name denotes a substitute.

**Hours tally:**

**For the month of January, 2016**

Person	Activities	Hours
Marianne Martin	Meeting attendance	3
Mary Ann Heaney	Meeting attendance, Community Garden	24
Allison Johanson	Meeting attendance	3
Dan Delanhunty	Meeting attendance	3
Mark Persichetti	Meeting attendance	13
Justine Vigil-Tapia	Meeting attendance	3
Jamie Bartlett	Meeting attendance	4
<b>Total</b>		<b>53</b>



Families & Adults

- Adults & Seniors**
- Birth Control & Safe Sex**
- Child Protection**
- Disease Prevention**
- Financial Assistance**
- Food Assistance & Safety**
- Foster Care & Adoption**
- Get Involved**
- Housing & Energy**
- LGBTIQ**
- Medical Assistance**
- Pregnancy & Parenting**
  - Child Care
  - Children with Special Needs
  - First Time Parents
  - Immunizations (Vaccinations)
  - Pregnant & Parenting Teens (GENESIS)
  - Substance Abuse & Mental Health
  - WIC (Women, Infants & Children's Program)
- Substance Use & Addiction**
- Youth & Adolescents**



### Farmers' Market Harvest Bucks

Participants of the Women, Infants, & Children (WIC) Program and recipients of food assistance (SNAP) can get special benefits at [Boulder County Farmers' Markets](#)

#### SNAP

Clients receiving food assistance ([SNAP](#)) can use their EBT card at the Boulder County Farmers' Market to get SNAP bucks to purchase EBT-eligible foods. For every dollar withdrawn from a SNAP account, SNAP recipients will receive Harvest Bucks (up to \$20) which can be used to buy fresh fruits and vegetables.

Look for the "Market Bucks Here" sign at the Boulder and Longmont Farmers' Markets to get started.

#### WIC

[WIC](#) participants can ask their WIC educator for coupons for the Farmers' Market. WIC coupons can be used to buy fresh fruits and vegetables, meat, dairy, and eggs.

WIC coupons cannot be used for processed or pre-packaged food. Additional Harvest Buck coupons may also be available and may only be used to purchase fresh fruits and vegetables.

#### Related Links

- [Boulder County Farmers' Market](#)
- [Food Assistance \(SNAP\)](#)
- [Income Limits](#)
- [Temporary Assistance to Needy Families \(TANF\)](#)
- [Women, Infants, & Children \(WIC\)](#)

**Harvest Bucks**  
Supplemental Nutrition Assistance Program

**Boulder County Farmers' Markets only**  
Eligible food: fruits and vegetables

Valid through the 2014 season. Not redeemable for cash

Sponsored by:

<b>Longmont</b>	<b>Boulder</b>
<b>Boulder County Fairgrounds</b>	<b>13th &amp; Canyon</b>
Sat 8am-1pm, 4/6 to 11/2	Sat 8am-2pm, 4/6 to 11/23
<b>Downtown Longmont</b>	Wed 4pm-8pm, 5/1 to 10/2
5th Ave & Main Street	
Wed 4pm-8pm, 6/25-9/24	

### Boulder County Farmers' Markets

[Hours & Locations](#)

Learn More About Boulder County Farmers' Markets

Visit [www.bcfm.org](http://www.bcfm.org) or call 303-910-2236.

### Look for the Market Bucks Tent



**Benefits of Farmers' Market Produce**

Produce at the farmers' market is freshly picked and will last longer than produce from the grocery store.

Farmers' market produce is more nutritious. As soon as fruits and vegetables are picked, they start to lose some of their vitamins.

Fruits and vegetables from the farmers' market taste better because they are allowed to ripen on the plant, rather than in the store.

Buying from the local farmers' market helps to support small family farmers. Buying directly from farmers reduces costs to them and helps them continue growing healthy, nutritious food for our community.

Boulder County Farmers' Markets are easy to get to by public transit and there is free parking nearby.

**Learn Which Nutritious Produce Is in Season in Colorado**

[Colorado Crop Calendar](#) (71 KB)

**SNAP Ed**

To learn more about preparing healthy meals, shopping on a budget, and planning meals, sign up for a class with SNAP-Ed. For more information, call [Maria Aldaba](#) at 303-678-6382.

Learn how to prepare healthy affordable food with this [Eat Well on \\$4/Day Cookbook](#) (8 MB).

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- Job Alerts

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- City of Boulder
- City of Lafayette
- City of Longmont
- City of Louisville
- Unincorporated Towns and Communities
- Town of Erie
- Town of Jamestown
- Town of Lyons
- Town of Nederland
- Town of Superior
- Town of Ward (no official website)

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# Climate Wise-Guy says:

The SOIL can SAVE US!  
It can sequester CO<sub>2</sub>!

There's HOPE?



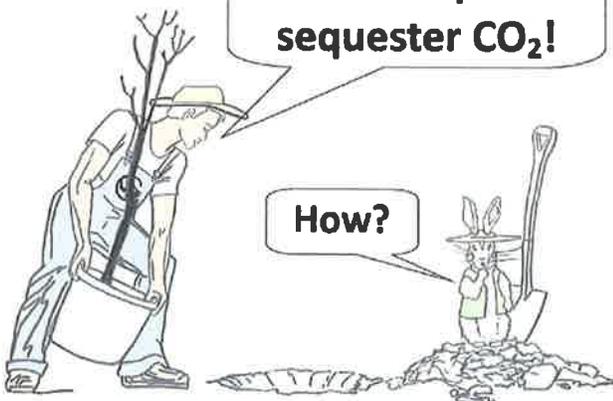
There's always hope.  
Plants and their soil microbes  
can put CO<sub>2</sub> back into the soil,  
if we treat them right.



## Climate Wise-Guy says:

Trees and plants  
sequester CO<sub>2</sub>!

How?



Plants eat CO<sub>2</sub> and feed it to  
soil microbes, who turn it into  
stable carbon-rich black soil  
that lasts for centuries.



## Climate Wise-Guy says:

Sequester CO<sub>2</sub> by  
covering your soil!

Feed your  
microbes!



Mulch, compost, cover crops,  
lawn clippings and no-till  
farming all feed CO<sub>2</sub> to soil  
microbes year round.



## Soil Sequestration of Carbon

I have asked City Council to make the following additions to Sections 4 and 9 of the Boulder Valley Comp Plan:

**Section 4.09 Soil Sequestration of Carbon:** *The City and County will identify and implement innovative and cost-effective actions to sequester carbon on their agricultural, range and forest lands. The City will develop strategies to educate landowners about how to sequester carbon on their own properties. Partnerships with public and private entities will be pursued to amplify the effectiveness of these actions.*

**Section 9.09 Soil Sequestration of Carbon:** *Although many agricultural practices generate carbon, other agricultural practices can sequester large amounts of carbon in soils, enrich agricultural lands, and increase water retention and soil fertility. The City and County will encourage and support the development of Best Management Practices for soil sequestration of carbon along the Front Range. They will identify suitable sites to run Pilot Projects for Soil Sequestration of Carbon, implement soil protection actions for their own properties, and explore opportunities to incentivize "Carbon Farming".*

Climate Change is the overwhelming challenge of our century. We must make rapid progress to decrease CO<sub>2</sub> generation and eliminate more carbon from our atmosphere. A new and hopeful way to combat climate change is **soil sequestration of carbon**, which uses specific agricultural, range management and forestry practices to sequester more carbon in the soil than these practices produce. In addition to locking up atmospheric carbon, these practices can also lead to greater soil fertility, better water retention, lower fertilizer/fuel costs, and increased crop yields. Examples of these practices, used in other areas, include reforestation with more resilient drought-tolerant southern species, cover crop cocktails, conservation crop rotation, no-till farming, mob grazing, composted green waste soil applications, biochar applications, and fungal soil inoculations using no-turn composting. Boulder County contains large swaths of agricultural and forest lands which, if managed appropriately, have the potential to annually sequester a large percentage of the CO<sub>2</sub> produced by County residents.

Soil sequestration of carbon is a new science and Best Management Practices for our local climate and soils are still being developed. Very small capital outlays now to support local studies will pay huge future dividends. Boulder has the opportunity to be a Front Range leader in soil sequestration of carbon, in partnership with CSU, a recognized leader in soils. Pilot Project opportunities to test different practices exist on City of Boulder and Boulder County agricultural lands, as well as private farms which are already using many soil sequestration methods.

Currently, most people do not understand the vocabulary or concepts of Soil Sequestration of Carbon. Knowledge about healthy soils is lacking, and most people do not realize that carbon can be sequestered in lawns, mulched flower beds, vegetable gardens, farm fields, rangelands and forest lands. With education, landowners can take simple steps to sequester more carbon themselves.

Thanks for your consideration,

Elizabeth Black  
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Your Neighborhood Christmas Tree Farm  
Elizabeth Black Cottage Foods