

# ***Open Space Advisory Board***

## **Agenda**

**Wednesday, February 10<sup>th</sup>, 2016**

**Louisville Public Library**

**1<sup>st</sup> Floor Meeting Room**

**951 Spruce Street**

**7:00pm**

- I. 7:00 pm Call to Order
- II. Roll Call
- III. Approval of Agenda
- IV. Approval of Minutes
- V. Staff Updates
- VI. 7:15 pm Board Updates
- VII. 7:20 pm Public Comments on Items Not on the Agenda (more time as needed)
- VIII. 7:30 pm Discussion Item: South Boulder Road Small Area Plan  
Presented by: Scott Robinson, City of Louisville Planner II
- IX. 8:00 pm Discussion Item: Preferred Surface Material for Davidson Mesa Parking Lot (Natural Surface vs. Asphalt)
- X. 8:15 pm Discussion Item: Update Regarding 2015 Code Enforcement Actions on Open Space
- XI. 8:20 pm Discussion Item: Ranger Position Update
- XII. 8:35 pm Discussion Item: Review of 2016 Goal Setting Results
- XIII. 8:45 pm Discussion Item: Review and Comment on the 2016 Draft Open Space Education & Volunteer Opportunities
- XIV. 9:00 pm Discussion Item: Development Review Task Force
- XV. 9:15 pm Discussion Items for Next Meeting on March 9<sup>th</sup>
  - a. OSAB Recommendations for Capital Improvement Projects
- XVI. Adjourn

**Open Space Advisory Board Meeting Minutes**  
Wednesday, January 13th, 2015  
Louisville Public Library: First Floor Meeting Room  
951 Spruce Street  
7:00 pm

- I. Call to Order-** Helen called the meeting to order at 7:04 pm.
- II. Roll Call-**  
Board Members Present: Helen Moshak, Mike Schantz, Christopher Smith, Laura Scott Denton, Linda Smith, Missy Davis, Spencer Guthrie, Graeme Patterson  
Board Members Absent: none  
City Council Members Present: none  
Staff Members Present: Ember Brignull
- III. Approval of Agenda-**  
Linda moved to approve the agenda as written. Spencer seconded. The motion was passed unanimously.
- IV. Approval of Minutes-**  
Ember mentioned that a citizen letter and the OSAB letter to the Lafayette Open Space board had been added to the minutes. Mike commented that on section V. of the minutes the word “steer” was used in reference to his comment about the new Parks Board (“Mike suggested that maybe OSAB can help steer the new Parks Advisory Board towards thinking about an alternative dog park.”). He would prefer the minutes use a less heavy-handed sounding word to describe his intentions towards the Parks Advisory Board, such as “collaborate with.” Ember said she would change this. Linda moved to approve the minutes with the aforementioned alteration. Chris seconded. The motion was passed unanimously.
- V. Staff Updates-**
- A. Open Space staff is doing some Russian olive removal. The Parks Division has applied for a grant to assist in funding removal of Russian olive trees. If the grant is awarded there may be consideration for removal of the large Russian olives that were planted as a windbreak on the Warembourg property. Helen asked whether volunteers can remove Russian olives. Ember answered yes, but that it needs to be coordinated with Open Space staff, since staff paints the stumps with herbicide to prevent re-sprouting.
- B. The Open Space education/volunteer program calendar for 2016 has been drafted. It will be presented to OSAB for discussion and review in February.
- C. Open Space Staff are still working on the ArcView mapping project.
- D. This year Open Space Staff are requesting that all multi-day volunteers submit an application by April 1st. This will not be a requirement for one-time projects, and exceptions will be made possible. The goal is to streamline the background check and application process.

E. Staff is making plans for working with the Youth Corp this summer. The Youth Corp will split their time between City Open Space, Parks, the Coal Creek Golf Course, and the Recreation/Senior Center.

F. Ember met with the City of Boulder about their ADA trails website. Staff is now putting together a pilot webpage similar to the City's that can help guide people with mobility issues to appropriate trails. Staff would like to include a video component that shows particular ADA challenges, so that individuals can decide for themselves whether a trail is appropriate. Ember put out a request for volunteers with video-editing skills. Laura commented that this might make a fun and useful Eagle Scout project.

G. There will be construction beginning at the Harney Lastoka property to do the urban drainage outfall project that the board reviewed this past fall. The trails on the interior of the property will be closed until Sept 1, but there will be a temporary trail detour on the east property line which will connect Coal creek Trail to South Boulder Road. This project should not impact the Seventh Generation organic farm and the historic homestead.

H. Staff is working on prairie dog mapping. Joe has requested that this map be shared with the City Manager. This will occur next week.

I. Ember informed the board that the City Council has cancelled the February joint study session with OSAB. Council is re-evaluating the study session process.

## **VI. Board Updates-**

A. Introduction of Board Members and New Board Member: Graeme Patterson. The board introduced themselves, giving their names, their relevant background, years on the board, OSAB projects that they are particularly proud of, and OSAB projects that they are looking forward to. Graeme introduced himself to the board. He has done research on the human impacts upon freshwater ecology in both England and the Rift Valley lakes of eastern Africa. He also ran the Africa program at the Bronx Zoo in New York City, which involved managing multiple African conservation ecology field programs. Along with his research and management experience, Graeme also has teaching experience. He currently works for NEON in Boulder, helping run the operations of the long-term ecological monitoring network across the United States. He has particular interests in conservation and biodiversity management. The board enthusiastically welcomed him.

B. Missy told the board that CU's Environmental Studies Department is presenting a talk on the past and future of Boulder City and County open space land. It will be on Wednesday, January 20th, from 6-7pm at the CU Sustainability, Energy, and Environment Complex on Colorado Ave. and Foothills. The presenters are Luis Benitez, the head of Colorado's Outdoor Recreation Industry Office (a newly-created office in the Colorado Governor's cabinet) and David Theobald, a scientist at Conservation Science Partners. Ember will email the program announcement to the board.

C. Mike reported that he is seeing a huge increase in bad dog habits at Davidson Mesa since the seasonal ranger program ended in October 2015. Ember told the board that Joe's current direction is that the new permanent Open Space ranger position will be mostly enforcement-directed with education programs that are directly related to municipal code issues. Mike would like to have a discussion item on next month's agenda about enforcement vs. education for the ranger position. The board generally felt that a more balanced position would be most aligned with its vision for this roll, but it needs a formal, open meeting discussion. Mike requested that Joe put off posting the job position until after OSAB meets in February, as this is an issue OSAB cares greatly about. Ember shared that the job description includes an array of duties. Christopher

asked whether the police were going to step up their code enforcement on Open Space properties, recalling that last year Chief Hayes talked about his intention to get his officers onto city Open Space. Ember replied that she would ask the Police Department to share their 2015 activities related to enforcement on Open Space and will share findings at the next meeting.

D. Missy visited a successful, 20 acre, dog off-leash area in Minnesota and was hoping that we could discuss dog parks. Missy pointed out that this is a regional issue: members of other communities use our spaces and she was wondering if maybe Louisville could investigate co-owned properties with Superior or Lafayette. Helen thought this might be something that the board could discuss in joint meetings with other cities' open space advisory boards.

E. Linda attended the Colorado Open Space Alliance Conference in the fall. She thought it was very interesting and shared some of the things she learned. Apparently 40% of GOGO funds go to local government projects, 10% to state projects, 50% to parks and wildlife. It is projected that between 2015-2050, one million acres of land in Colorado will be lost to development. Today's kids average 4-7 minutes outdoors each day. She also reported on the black-footed ferret reintroduction project up near Fort Collins, and the "Peaks to Plains" Trail that is being built along Clear Creek in Jefferson and Clear Creek Counties.

#### **VII. Public Comments on Items Not on the Agenda-**

A. Steve Rasor, 409 Majestic View Drive- Steve read a written statement. He implored the board to ask City Council to move the Dog Off-Leash Area far from private property. He regrets that he had not been informed about the building of the Off-Leash Area and its impacts on his land back when it was originally proposed. He summarized that the Dog Off-Leash Area has significantly and negatively impacted his and his neighbors' property. He again expressed concern that the proposed CIP project that is described in the Open Space budget for a drainage remediation project and raising the trails in the Off-Leash Area would be better served by re-seeding the land and moving the Dog Off-Leash Area. Helen asked Mr. Rasor if his neighbors agreed with him. He said that a letter was written and co-signed by six citizens from four households and sent to the mayor. He reported that the mayor said that coming to OSAB was the first step and that City Council would only discuss this issue of moving the Off-Leash Area if OSAB recommended it. Helen pointed out that moving the Off-Leash Area would be a huge issue, possibly involving buying land, but there are lots of other ways to ease some of the burden on the neighbors, such as increasing enforcement and remediation that could be smaller and easier. Helen also pointed out that when Council discusses budgets and that particular CIP during meetings, Mr. Rasor could attend.

#### **VIII. Discussions Item: 2016 Housekeeping-**

##### **A. Approve Board Member Contact Information**

Ember sent around the official contact list for board members to check. She also asked that members add the amount of hours they spent on OSAB-related matters in 2015.

##### **B. Approve Designation of Places for Posting "Notices of Public Meetings" for 2015**

1. City Hall, 749 Main Street
2. Library, 951 Spruce Street
3. Recreation/Senior Center, 900 Via Appia
4. Police Department/Municipal Court, 992 Via Appia
5. City Website: [www.LouisvilleCO.gov](http://www.LouisvilleCO.gov)

Missy motioned to approve the list as written, Linda seconded. The motion passed unanimously.

C. Ember passed around an Open Government & Ethic Pamphlet for each board member, as required by City regulation.

D. Officer elections:

Missy nominated Helen as chair, Spencer seconded. The board voted unanimously for Helen as OSAB chair for 2016.

Spencer nominated Mike as vice chair, Chris seconded. The board voted unanimously for Mike as OSAB vice chair for 2016.

Spencer nominated Laura as secretary, Linda seconded. The board voted unanimously for Laura as OSAB secretary for 2016.

**IX. Discussions Item: Review & Finalize 2015 OSAB Accomplishments-**

Ember put up the list of 2015 OSAB accomplishments that was sent to the board as an email. There were no additions or changes. This list will be provided to City Council at a future study session.

**X. Discussions Item: Create a List of 2016 Goals-**

Ember put up the list of the brainstorming suggestions from 2015. Helen wanted the board to identify their own top five 2016 goals, using the brainstorming list as a jumping-off point, and to write them onto post-its. The post-its posted to the white board, then grouped into five categories/themes. Then everyone voted on their top three categories.

Acquisitions— 6 votes

Wayfinding—5 votes

Dog Issues—4 votes

Ranger Support—2 votes

Resource Management—6 vote

Laura mentioned that an education category/theme didn't materialize, even though this has been a strong interest of OSAB. She thought this reflected the fact that the board feels like that part of Open Space management is working well, making it seem less pressing for change. Spencer wondered about wayfinding and why it's still a main priority, when the consultants are done. Helen said that OSAB's can lend its voice for continuous support and pressure. Helen said she thinks it's important to keep the pressure up to get the wayfinding program, and the trail connections it identified, across the finish line. She argued that it's important to keep it high on the board's list of priorities so staff and Council will know we are still passionate about it. Christopher agreed.

**XI. Discussions Items for Next Meeting on February 10<sup>th</sup>-**

A. Role of the full-time ranger position: educational vs. enforcement.

B. Scott Robson from the City Planning Department will report on the findings of the Small Area Plans and how they impact Open Space.

C. Develop a liaison with the new Parks Board.

**XII. Adjourn-**

The meeting adjourned at 9:18 pm.

January 9, 2016 Public Comment      Steve Rasor, 409 Majestic View Drive

Compliments to the City on its 2016 Open Government and Ethics Pamphlet. The Public Involvement section beginning on page seven is particularly appreciated. If reaching out to the community-at-large had occurred when the off-leash area was conceived, a more appropriate location may have been selected and we wouldn't need to entreat the city to relocate it. A flyer, knock on a door, postcard, anything would have been appreciated.

As part of its site plan review for residential construction, Boulder County sends postcards to all residences within fifteen hundred feet of a proposed project. Several letters of opposition were sent to the County when I was seeking permission for construction of my home. My plans were approved but because I wanted to be a good neighbor, I went back to the drawing board to reduce the building's footprint by almost a thousand square feet. I lost economy of scale and the extra space I wanted, but it was the right thing to do for residents who were concerned about their views. So after much deliberation, I made it happen. I sought County permission this summer for ground mounted solar panels but the most efficient location was denied primarily because the panels might have detracted from the views of people using Davidson Mesa open space. The off-leash area has had an adverse impact on the natural features and neighborhood character of the homes nearest it. We respectfully request that we be given the same consideration for our views that the city and county desires for Louisville's residents.

It's a fact that the enormous amount of property taxes paid by those of us impacted by the dog run don't go to Louisville, but a big chunk go to Public Schools which includes the five in Louisville. I personally have been lucky enough to have either lived in Louisville or in the County for thirty-eight years, so I've been shopping, patronizing restaurants, and contracting services in Louisville for almost four decades. That adds up to a lot of sales taxes for the City. I don't know if this carries any weight with you, but I sincerely hope some of this history positively influences you to set a goal for selecting a relocation site that is located far from residential property lines.

Finally, I suggest the Parks' and/or Public Work's time and budget be saved by allowing a restoration effort to take place before a remediation project. Any work involving heavy equipment may further compact the soil, kill more vegetation, and may be unnecessary, overreaching, and a bigger drain on the city's budget than reseeding. Thank you for your time and consideration.

## Memorandum

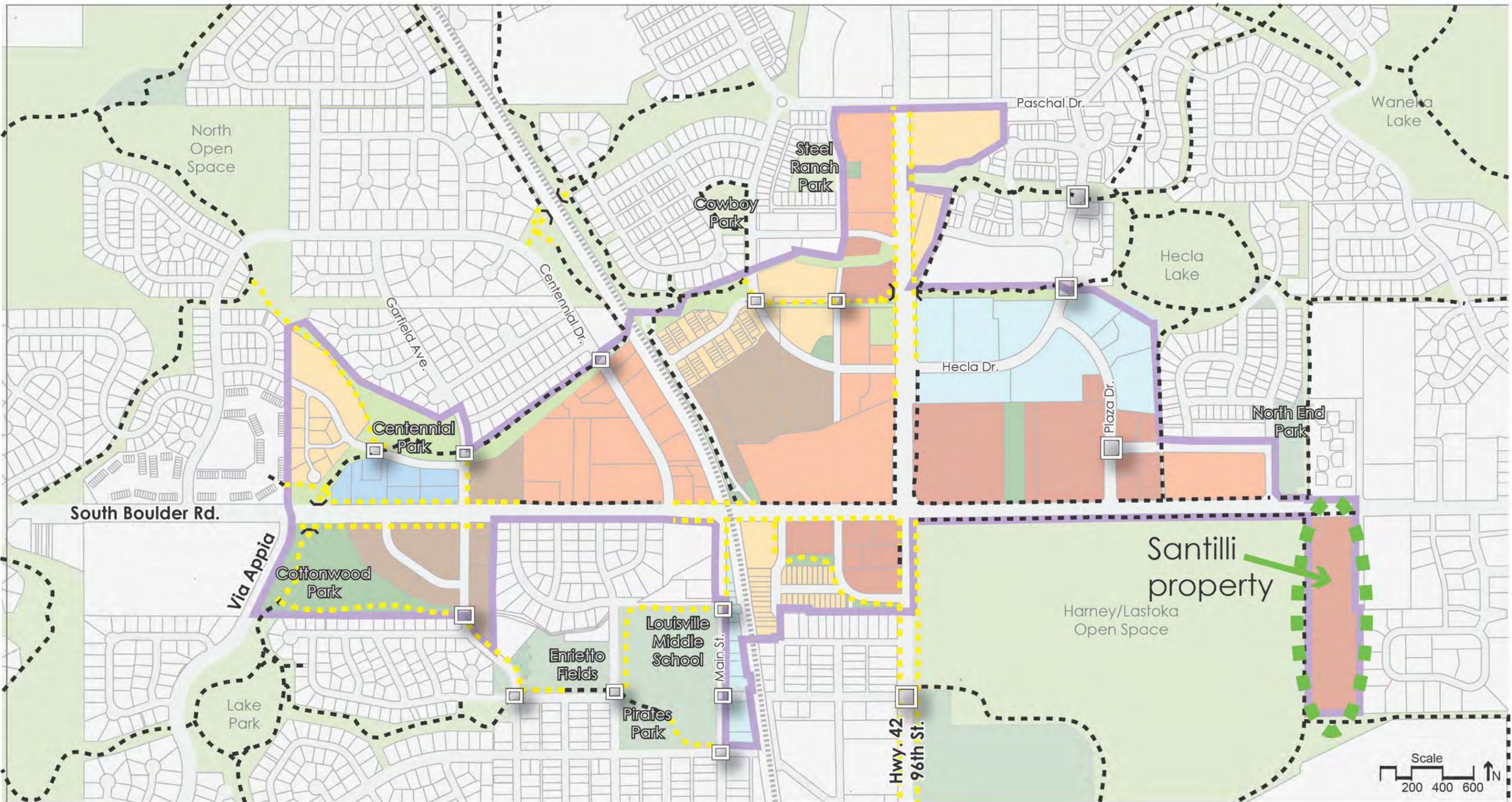
**Date:** February 10, 2016  
**To:** Open Space Advisory Board  
**From:** Planning and Building Safety Department  
**Subject:** South Boulder Road Small Area Plan

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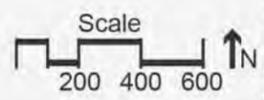
The South Boulder Road small area plan is intended to define desired community character, land uses, and public infrastructure priorities to provide a reliable roadmap for public and private investments in the corridor. The plan is currently being reviewed by Planning Commission prior to adoption by City Council.

Planning staff is seeking input from OSAB on two items in particular. One is whether the Santilli property (see attached map) should be considered for open space acquisition. The draft plan currently call for it to be evaluated for purchase if and when it becomes available.

The other item is the draft trails plan for the corridor. Staff is seeking input on whether any proposed trails should be added or removed from the attached map.



Existing Trail   
  New Trail   
  New Underpass   
  New Crosswalk





CITY OF LOUISVILLE  
invites applications for the position of:  
**Ranger Naturalist**

An Equal Opportunity Employer

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**SALARY:** \$17.21 - \$19.79 Hourly  
\$35,796.80 - \$41,163.20 Annually

**HIRING RANGE** \$17.21-\$19.79

**OPENING DATE:** 01/22/16

**CLOSING DATE:** 02/10/16 03:00 PM

**OVERVIEW:**

Under general supervision of the Open Space Manager, the Ranger Naturalist will assist the Parks & Recreation Department in carrying out the objectives of the Department as identified in the Parks, Recreation, Open Space and Trails Master Plan. Duties are performed with independence in the field; making decisions requiring the use of judgment, discretion, and diplomacy. The Ranger Naturalist will act as an ambassador for the Open Space, Parks, and Trails departments. Duties will be performed on foot, bicycle and vehicle patrol to protect citizens, natural resources and amenities. This position will inform visitors and disseminate information on local rules and regulations; may ticket for minor violations. The Ranger Naturalist duties may also include, but are not limited to: providing first aid/CPR, assisting with City sponsored volunteer activities and outreach projects, providing trail maintenance, assisting with snow removal, conducting visitor use surveys, assisting with GIS mapping, and providing periodic education outreach.

**EXAMPLES OF DUTIES:**

- Provides recurring patrol presence along 30 + miles of City trails, Open Space and Parks on foot, bicycle or by vehicle.
- Patrols Open Space and Park amenities/facilities and provides information regarding visitor safety.
- Initiates and maintains community based relationships with schools and other local organizations in support of interpretive open space programs and parks projects.
- Demonstrates knowledge of and enforces the City of Louisville municipal code or other rules, regulations and or City codes pertaining to parks and open space operations within the City including the issuance of citations.
- Contacts the Police Department, or the Colorado Division of Parks & Wildlife, when situations warrant actions which are beyond the duties of the Ranger Naturalist.
- Notes and reports safety hazards and maintenance issues and/or natural resource concerns to supervisors.
- Assists with the repair and maintenance of trails, open space, and other park facilities.
- Interacts with public while on duty to provide information on natural history, management policies, current projects, visitor opportunities, education and enforcements.
- Assists the public by providing directions and responding to questions and inquiries.
- Monitors conditions, use patterns and races or special events, taking action when resources are being damaged or conditions are dangerous.

- Researches records to secure name and address of owners; prepares correspondence notifying owner of the violation, and requests resolution under terms of the ordinance, and follows up to ensure compliance.
- Investigates, collects evidence, statements and processes reports in response to complaints, crime, injury, accidents and other open space and parks incidents.
- Provides assistance and acts as a liaison to the public, responding to questions concerning parks, recreation and open space facilities programs, policies, rules and regulations.
- Assist with vegetation management including control of noxious weeds. Assist with control and restoration methods including: mapping, monitoring, mowing, clipping, pulling, seeding and pruning.
- Assist with management of wildlife including the monitoring and mapping of species locations and densities. The highest priority being prairie dog and raptor population monitoring and control.
- Removes snow from trails, sidewalks, and parking lots as needed.

**Other Duties:**

- May assist with developing and leading educational programs as directed by the Open Space Manager.
- May assist with volunteer projects sponsored by the City and the Boulder County Youth Corps during the summer months.

**GENERAL QUALIFICATIONS:**

**TRAINING AND EXPERIENCE:**

- Bachelor's degree from an accredited college is required in Recreation, Forestry, Environmental Science, Wildlife Management or a closely related field.
- One year of outside field experience.
- May consider a combination of equivalent experience, training, and education as deemed appropriate by the City of Louisville Human Resources.

**SUPPLEMENTAL INFORMATION:**

**KNOWLEDGE, SKILLS AND ABILITIES:**

- Knowledge of ecological principals and resource management techniques.
- Knowledge of City code and ordinances preferred.
- Skill in interpreting and applying municipal codes to field problems and situations in a fair and impartial manner.
- Ability to take direction and enforce Department and City regulations.
- Ability to ride a bike for extensive periods through City and on trails.
- Ability to operate a full size pick-up truck, ATV, and other midsize to large equipment.
- Ability to effectively work with full and part time personnel, children, volunteers and the general public.
- Ability to use string line trimmer, hand tools and other small equipment.
- Ability to interpret and enforce local administrative ordinances and regulations.
- Ability to make good judgment; deal with problems involving standardized guidelines and solutions.
- Ability to multi task and meet assigned deadlines.
- Ability to handle complaints in a courteous and efficient manner.
- Ability to administer first aid.
- Ability to work nights shifts, holidays, and weekends.
- Ability to collect data and prepare and maintain a variety of records and reports.
- Ability to work independently or with little supervision.
- Ability to understand oral and written instruction.

**SPECIAL LICENSE, REGISTRATION OR CERTIFICATES REQUIRED:**

- All candidates must be at least 21 years of age and possess a valid Colorado driver's license with an acceptable driving record for last 3 years.
- Must have a current CPR/First Aid certification or obtain within the first 60 days of employment.
- Submit to drug screening

**PHYSICAL REQUIREMENTS OF THE JOB:**

Position requires ability to ride a bicycle for extended periods of time throughout city and open space trail systems, work outdoors, often in adverse weather conditions including rain, snow, heat and high winds; walk on uneven terrain for long periods. Perform strenuous hiking, standing, walking, sitting, digging, hammering, lifting, carrying, pushing and pulling. Must be physically able to lift, push, pull and/or move up to 50 pounds. Ability to hear and respond to in-person requests and communicate via a two-way radio.

**WORK ENVIRONMENT:**

Primarily outdoor environment in all temperatures and weather conditions. Hours will include weekends and holidays. Work Schedule: Hours vary, but are generally Friday through Tuesday.

Will be required to work most weekends, holidays, and special events during the summer season (Memorial Day to Labor Day).

**Criteria for use of Background Information in Selection Process:**

Demonstrated personal and professional honesty, integrity, and good judgment as shown in applicant's criminal history, background, and motor vehicle records. In addition to background, criminal and driving record information, drug screening, and physical testing will be used after a conditional job offer is made for further evaluation in the selection process. The following may disqualify any applicant from consideration for employment before or after the conditional employment offer is made:

- Excessive points on driving record or moving violation convictions, or a suspended, restricted, or revoked license in the previous 36 months (three years).
- Any false or untrue statements, or material omissions in the application and related paperwork or during the selection process.
- Any other information, which clearly demonstrates a lack of personal and professional honesty, integrity, and good judgment as appropriate for employment with the City of Louisville.

***If selected to interview for this position, you will be contacted by e-mail.***

Note: The above description is illustrative only. It is not meant to be all-inclusive.

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APPLICATIONS MAY BE FILED ONLINE AT:  
<http://www.louisvilleco.gov>

Job #16053  
 RANGER  
 NATURALIST  
 PK

OUR OFFICE IS LOCATED AT:  
 749 Main Street  
 Louisville, CO 80027  
 303-335-4720  
 303-666-6565  
[jobs@louisvilleco.gov](mailto:jobs@louisvilleco.gov)

Applications are required for consideration for all open positions. Only applicants chosen to move forward in the recruitment will be contacted. For an updated status of each position please click on the 'Job Status' tab.

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**Ranger Naturalist Supplemental Questionnaire**

- \* 1. Are you or will you be 21 years of age by March 1, 2016?

Yes  No

\* 2. Do you have a Bachelor's Degree from an accredited college or university?

Yes  No

\* 3. In what field of study did you earn your degree? If no degree obtained, please enter N/A.

\* 4. Please briefly describe any experience you have as a Ranger or you believe is similar to park ranger experience.

\* 5. Are you willing to work on weekends, evenings, holidays and varying shifts?

Yes  No

\* 6. 90% of the work for this position occurs outdoors. Are you willing and physically able to work in extreme temperatures and variable weather conditions?

Yes  No

\* 7. Do you have snow removal experience?

Yes  No

\* 8. How would you rate your verbal communication skills? (1 = poor, 5 = excellent)

1

2

3

4

5

\* 9. What is your favorite Open Space area of Louisville and why?

\* Required Question

# OSAB 2016 Goals Brainstorming Results

## January 14, 2016

All brainstorming ideas were grouped into the following categories:

### 1. Acquisition (6 Votes):

- a. One new open space
- b. Gain traction on Mayhoffer property
- c. Encourage diverse acquisition methods to Council
- d. Make a City priority
- e. City proactive
- f. Conoco Phillips public access

### 2. Resource Management (6 Votes):

- a. Evaluate open space expenditures vs. other municipalities
- b. Agricultural lands well preserved
- c. Target wildlife wins (Burrowing owls)
- d. Native Species & Urban Environment Management Plan
- e. Collection of flora & fauna baseline data
- f. Prioritize land management (inventories/surveys)
- g. Plant & animal survey
- h. Resource management discussion & advocacy
- i. Properties managed in a way that insures future health
- j. Land remediation
- k. Research & inventory

### 3. Wayfinding (5 Votes):

- a. Push for wayfinding trail linkages
- b. Finalize Plan in coordination with planning and begin implementation
- c. Dedicated on-street bike lanes throughout old town
- d. Wayfinding network
- e. Make progress on trail connectivity
- f. Working with staff and council to phase the project more and raise public awareness

### 4. Dog Issues (4 Votes):

- a. Increase code enforcement
- b. Acquire off-leash area & close Davidson Mesa
- c. Resolve Davidson Mesa off-leash area issues
- d. Enforcement/education/remediation/alternatives
- e. Excel property for dog off leash
- f. Reduce dog poop in off leash

**5. Ranger/Education (2 Votes):**

- a. Education
- b. Support education & enforcement
- c. Support successful full time ranger program
- d. Hire a full time ranger
- e. Education programs
- f. Ranger programs
- g. School education outreach & field programs

**6. Other (no votes):**

- a. Parks board collaboration/partnership (2)
- b. Dedicated cross country ski trail on Harney Lastoka
- c. Joint meeting with other boards

# 2016 OPEN SPACE EDUCATION PROGRAMS AND VOLUNTEER EVENTS

EDUCATION PROGRAMS listed in BLACK

VOLUNTEER EVENTS listed in GREEN

## February



### Volunteer Raptor Monitoring Training Session (Volunteer Program Event)

**When:** Wednesday, February 24<sup>th</sup> from 7:00 to 8:00 pm

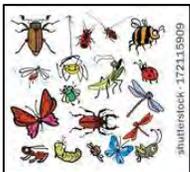
**Where:** Location provided to registered program participants only.

**Presented by:** City of Louisville Open Space Division

**Appropriate Audience:** Adults

Interested in becoming an Open Space volunteer raptor monitor? Volunteer participants must attend this training session where you will learn about Open Space's Raptor Monitoring Program and how to identify local raptor species. Volunteers will also learn about raptor breeding cycles and the success of nesting raptors in Louisville. Interested individuals must contact Catherine Jepson, Open Space Specialist, at [CatherineJ@louisvilleco.gov](mailto:CatherineJ@louisvilleco.gov) by **Friday, February 19<sup>th</sup>** to register for the program and sign up to attend this training session.

# March



## **Insect Lore by the Butterfly Pavilion**

**When:** Wednesday, March 16<sup>th</sup> from 7:00 to 8:00 pm

**Where:** Louisville Library, 1st Floor Meeting Room (951 Spruce Street)

**Presented by:** The Butterfly Pavilion

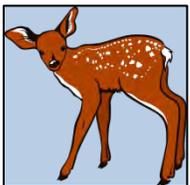
**Hosted by:** City of Louisville Open Space Division

**Appropriate Audience:** Adults

What does a spider have to do with the sun? Can butterflies bring good luck? Come and enjoy a presentation provided by the Butterfly Pavilion and hear stories from cultures around the world about butterflies, beetles, dragonflies and spiders!

The Butterfly Pavilion was “founded in 1995, as the first stand-alone non-profit invertebrate zoo in the nation”. Their mission is to “foster an appreciation of invertebrates while educating the public about the importance of conservation of threatened habitats in the tropics and around the world”. <http://www.butterflies.org/visit/about-us>

Space is limited so participants **must RSVP by 5:00 pm on Monday, March 14<sup>th</sup>** to [CatherineJ@louisvilleco.gov](mailto:CatherineJ@louisvilleco.gov) or 303-335-4742.



## **How We Grow: an Exploration of Animal Life Cycles**

**When:** Friday, March 18<sup>th</sup> from 11:00 to 11:45 am

**Where:** Louisville Library, Children’s Library (951 Spruce Street)

**Presented by:** The City of Louisville Open Space Division and the Louisville Library

**Appropriate Audience:** Ages 3-6. Children must be accompanied by an adult

The Open Space Division and the Louisville Library are teaming up to provide a hands-on program for pre-school age children to discover life cycles of some of Colorado’s wildlife! All creatures in nature change during their lifespan and this program will explore the different stages of development for mammals, amphibians and insects. Children will also participate in a fun art and crafts activity and receive their own coloring cards! Children must be accompanied by an adult

***Additional Educational Programming may be added as program locations and dates become available. Please check back on this page for recent updates. You can also sign up for our email listserve and receive information about upcoming programs and events. Email [CatherineJ@louisvilleco.gov](mailto:CatherineJ@louisvilleco.gov) to sign up!***



**8<sup>th</sup> Annual Family Fishing Frenzy**

**When:** Friday, April 15<sup>th</sup> from 9:00 am to 1:00 pm

**Where:** Warembourg Fishing Pond

**Presented by:** Colorado Parks and Wildlife and the Louisville Parks & Recreation Department

**Hosted by:** City of Louisville Parks and Recreation Department

**RSVP:** Two session start times are available, 9 am or 11 am. Register at <http://www.louisvillerecreation.com/> program number 16999-1 (9:00 session) or 16999-2 (11:00 session).

**Appropriate Audience:** Ages 5-15. Children must be accompanied by an adult.

Bring your kids and your fishing gear and head on down to the Warembourg fishing pond for a fishing clinic sponsored by Colorado Parks and Wildlife and the Louisville Parks & Recreation Department. Topics to be covered will include knots, casting, fish habitat, fish handling, laws and more. Once making it through all of the educational stations you will be given your very own children's fishing pole! Fishing licenses are required for parents and children over the age of 15. Space is limited so please make sure to register!

If you are interested in volunteering for this event, the Parks and Recreation Department would love your help! Please contact Catherine Jepson at [CatherineJ@louisvilleco.gov](mailto:CatherineJ@louisvilleco.gov) or 303-335-4742 to sign up to volunteer.



**Bird Walk on Coal Creek Golf Course**

**When:** TBD

**Where:** Coal Creek Golf Course (meet at Golf Course Clubhouse, Dillon Road)

**Presented by:** City of Louisville Open Space Division

**Appropriate Audience:** Ages 12 and up

Join experienced birder Paula Hansley for a relaxed bird walk. Learn to identify our local bird species by sight and sound. April is an excellent time to see breeding birds and spring migrants. We may see anything from a western meadowlark to a house wren to a blue grosbeak. Learn some of the basics on how to observe and identify birds. Please bring binoculars if you have them.

Space is limited so participants **must RSVP by 5:00 pm on (date)** to [CatherineJ@louisvilleco.gov](mailto:CatherineJ@louisvilleco.gov) or 303-335-4735.

## May



### **Noxious Weed Identification**

**When:** Saturday, May 21<sup>st</sup> from 10:00 to 10:45 am

**Where:** Daughenbaugh Open Space (Meet at Daughenbaugh parking lot, W. Cherry St.)

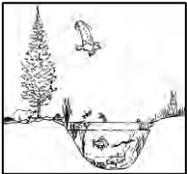
**Presented by:** City of Louisville Open Space Staff

**Appropriate Audience:** Adults

Noxious weeds are non-native invasive plants which can quickly displace our native plants and are one of the greatest threats to Colorado's Open Spaces. Come and walk Daughenbaugh Open Space with Open Space staff to see and learn about some of Colorado's noxious weeds and why we need to control them. This program is open to the public.

Please RSVP by 5:00 pm on Thursday, May 19<sup>th</sup> to [CatherineJ@louisvilleco.gov](mailto:CatherineJ@louisvilleco.gov) or 303-335-4742.

## June



### **Ecosystem Symposium: The Importance of Water**

**When:** Thursday, June (date) from 6:30 to 7:30 pm

**Where:** Lake Park Open Space (Meet at parking lot at Cottonwood Park, off of South Boulder Road)

**Presented by:** CU-Boulder Hydrologist (?)

**Hosted by:** The City of Louisville Open Space Division

**Appropriate Audience:** Ages 12 and up

Water is a vital component in every healthy ecosystem. Many wildlife species depend on areas near rivers, creeks, and lakes for food and water, cover from predators, and for raising young. Riparian areas also help to reduce pollutants entering streams and rivers and prevent runoff and erosion. Come and learn the many reasons why water is so important to our existence in this interesting program provided by.....



### **National Trails Day (Volunteer Event)**

**When:** Saturday, June 11<sup>th</sup> from 9:00 to 11:00 am

**Where:** Davidson Mesa Open Space

**Presented by:** City of Louisville Open Space staff

**Appropriate Audience:** Ages 12 and up

Come join the Open Space Division for a trail build volunteer project on Davidson Mesa. Volunteers will be using shovels, picks, and rakes to realign two single-track trails on the north side of the property. The two current trails run up and down the fall line, creating large erosional cuts within the trail. The realignment will include installing reverse grade dips, water bars, and switchbacks to minimize damage from water flowing down the trail. The old trails will then have topsoil added to begin restoration.

Please RSVP by 5:00 pm on Tuesday, June 7<sup>th</sup> to [HarlanV@Louisvilleco.gov](mailto:HarlanV@Louisvilleco.gov) or call 303-335-4743.



### **Gazing at the Stars Astronomy Program**

**When:** TBD

**Where:** Coal Creek Golf Course (meet at Golf Course Clubhouse, Dillon Road)

**Presented by:** Dave Sutherland from the City of Boulder Open Space and Mountain Parks

**Hosted by:** City of Louisville Open Space Division

Join Naturalist Dave Sutherland and a large telescope for a trip through the universe! We'll look for the rings of Saturn before venturing off into the far reaches of the galaxy and beyond. Be prepared to have your mind blown. Please bring a jacket, closed toed shoes, and a flashlight.

Please RSVP by 5:00 pm on (date) [CatherineJ@louisvilleco.gov](mailto:CatherineJ@louisvilleco.gov) or call 303-335-4742.

**If cloud cover is over 50% the program will be cancelled. Call 303-335-4742 to determine if program is cancelled.**



**Pulling for Colorado (Volunteer Event): FREE Native Plants to Participants!**

**When:** Saturday, July 9<sup>th</sup> from 9:00 am to 11:00 am

**Where:** Davidson Mesa Open Space

**Presented by:** City of Louisville Open Space Division

**Appropriate Audience:** all ages

The Open Space Division is working hard to restore Davidson Mesa Open Space and we need your help! Come and learn why noxious weed management is important during weed identification training from 9-9:30 am and then help clip seed heads and dig up noxious weeds that are threatening Davidson Mesa Open Space. Pulling for Colorado is a statewide campaign to educate the public about noxious weeds and promote on-going weed control efforts. FREE native plants, refreshments and snacks will be provided. Please bring gloves and be prepared for the elements (bring sunscreen, pants, hat, sunglasses, NO open-toed shoes).

Please RSVP by 5:00 pm on Wednesday, July 6<sup>th</sup> to [CatherineJ@louisvilleco.gov](mailto:CatherineJ@louisvilleco.gov) or by calling 303-335-4742.



**Ecosystem Symposium: The Importance of Trees**

**When:** TBD

**Where:** North Open Space (Meet at Keith Helart Park, off of Monarch Court)

**Presented by:** City of Louisville Forester, Chris Lichty

**Appropriate Audience:** Adults

Trees provide 2 of life's essentials and are vital to our existence. The City of Louisville Forester, Chris Lichty, will lead an easy walk on North Open Space as we explore the economic, aesthetic, and wildlife value of trees and learn how to identify trees along the Front Range. Please wear comfortable walking shoes and be prepared for the elements.



## Painting and Sketching on Open Space

**When:** TBD

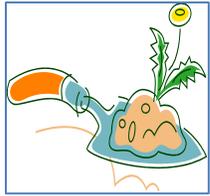
**Where:** Aquarius Open Space (meet at Aquarius Parking lot, off of HWY 42)

**Presented by:** Boulder Art Association (?)

**Hosted by:** City of Louisville Open Space Division

**Appropriate Audience:** all ages

Come and join us on Aquarius Open Space for a landscape painting workshop! Participants will learn how to pick the best viewpoint, create picture backgrounds and painting techniques. Materials will NOT be provided; participants must bring their own canvas or paper and paints.



## Weed Pull Event (Volunteer Event): FREE Native Plants to Participants!

**When:** TBD from 9:00 to 11:00 am

**Where:** Davidson Mesa Open Space (meet at the kiosk, off of McCaslin Blvd.)

**Presented by:** City of Louisville Open Space Division

**Appropriate Audience:** All ages

Come and assist the Open Space Division with pulling noxious weeds on Davidson Mesa Open Space to help curtail the common mullein, and other noxious weeds, which are growing abundantly. Participants will learn why noxious weed management is important during weed identification training from 9-9:30 am and then help pull and clip seed heads of noxious weeds. FREE native plants, refreshments and snacks will be provided. Please bring gloves and be prepared for the elements (bring sunscreen, pants, hat, sunglasses, NO open-toed shoes).

Please RSVP by 5:00 pm on (date) to [CatherineJ@louisvilleco.gov](mailto:CatherineJ@louisvilleco.gov) or by calling 303-335-4742.

## Ecosystem Symposium: The Importance of Animals

**When:** Thursday, (Date) from 7:00 to 8:00

**Where:** Dutch Creek Open Space (Meet at Dutch Creek Park, Chestnut St.)

**Presented by:** Presenter TBD

**Hosted by:** City of Louisville Open Space Division

**Appropriate Audience:** all ages



Animals can be found in every healthy ecosystem and play an important role in the health of our planet. Animals pollinate and fertilize plants, disperse seed, and are a crucial component of the food chain. Come and join (presenter) for a short walk on Dutch Creek Open Space and talk about the benefits of our local wildlife, explore the food chain which keeps nature in balance, and look for signs of wildlife!

## September



### Coal Creek Stream Clean-up (Volunteer Event)

**When:** TBD from 10:00 to 12:00 pm

**Where:** TBD

**Presented by:** Keep It Clean Partnership

**Appropriate Audience:** Ages 6 and up. Children must be accompanied by an adult

Join the Keep It Clean Partnership (KICP) to clean trash and debris from the Coal Creek riparian zone. Learn more about the effects of flooding on Coal Creek, flood flow dynamics in the riparian zone, and the flora and fauna found along Coal Creek. Please bring gloves and sturdy shoes.

## October



### Davidson Mesa Restoration Day (Volunteer Event)

**When:** TBD

**Where:** Davidson Mesa Open Space

**Presented by:** City of Louisville Open Space Division

**Appropriate Audience:** All ages

Come and learn about what the Open Space Division is doing on Davidson Mesa to restore the area and be a part of the process! Volunteers will assist staff by collecting native seed for future restoration projects, work on trail rehabilitation, and help with noxious weed removal. Volunteers will also learn about some of our native and non-native plants and meet members of your community. Please wear sunscreen and closed-toe shoes and be prepared for weather. Snacks will be provided.



### Birds of Prey

**When:** TBD

**Where:** Louisville Library, 1st Floor Meeting Room (951 Spruce Street)

**Presented by:** Rocky Mountain Raptor Program

**Hosted by:** City of Louisville Open Space Division

**Appropriate Audience:** All ages

The Rocky Mountain Raptor Program will bring live raptors and utilize creative props, recorded sounds and a wide variety of interactive tools to inspire us to realize the beauty and importance of raptors, as well as an understanding of their place in the natural world. Participants will learn about raptor biology, natural ecology and the natural environment they live in.

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***Additional Educational Programming may be added as program locations and dates become available. Please check back on this page for recent updates. You can also sign up for our email listserve and receive information about upcoming programs and events. Email [CatherineJ@louisvilleco.gov](mailto:CatherineJ@louisvilleco.gov) to sign up!***



**Animal Winter Survival**

**When:** TBD

**Where:** Louisville Public Library, 1<sup>st</sup> floor meeting room

**Presented by:** City of Louisville Open Space Division

**Appropriate Audience:** Ages 6 and up. Children must be accompanied by an adult

Join Open Space staff for a fascinating program on animal winter survival. Kids will look at animal pelts and learn which local animals hibernate, migrate, or stay active during the cold winter months. Participants will also learn about some of their winter survival adaptations.

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