

Open Space Advisory Board

Agenda

**Monday, April 22, 2019
Library 1st Floor Meeting Room
951 Spruce Street
7:00 PM**

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Approval of February Minutes
5. Approval of March Minutes (for Canceled Meeting)
6. 7:05 pm Staff Updates (5 Minutes)
7. 7:10 pm City Council Liaison Updates (10 Minutes)
 - a. Schedule & Location
8. 7:20 pm Board Updates (5 Minutes)
9. 7:25 pm Public Comments on Items Not on the Agenda (5 Minutes, more time as needed)
10. 7:30 pm Discussion Item: Identify Topics, Topic Leaders, and Topic Discussion Points for a future OSAB/PPLAB Joint Meeting in 2019 (20 Minutes)
11. 7:50 pm Discussion Item: Review and Recommend Improvements to the Public Outreach Approach for Prescribed Fire (10 Minutes)
12. 8:00 pm Discussion Item: Review and Revise OSAB Memo Regarding Key Performance Indicator Surveys. Presented by OSAB Members Mike Schantz and Missy Davis (20 Minutes)
13. 8:20 pm Discussion Item: Comments on Candidate Parcels Table and Process (20 Minutes)
14. 8:40 pm Discussion Items for Next Meeting on May 8th (10 Minutes)
15. 8:50 pm Adjourn

City of Louisville

*Parks & Recreation Department 749 Main Street Louisville CO 80027
303.335.4735 (phone) 303.335.4738 (fax) www.LouisvilleCO.gov*

Open Space Advisory Board Meeting Minutes
Wednesday February 13, 2019, 7:00pm

Louisville Public Library: First Floor Meeting Room
951 Spruce Street

1. Call to Order

Laura called the meeting to order at 7:00 pm.

2. Roll Call

Board Members Present: Laura Scott Denton, Missy Davis, Fiona Garvin, Peter Gowen, Tom Neville, David Blankenship, Mike Schantz

Board Members Absent: Helen Moshak

City Council Members Present: Jeff Lipton

Staff Members Present: Ember Brignull, Nathan Mosley

3. Approval of Agenda

Laura proposed to revise the agenda as follows: Move City Council Appreciation up to Agenda Item #5, to Jeff Lipton's schedule.

Peter moved to approve the agenda with the aforementioned change(s). Tom seconded. The motion passed unanimously.

4. Approval of Previous Meeting's Minutes

Peter moved to approve the minutes as written. Laura seconded. The motion passed unanimously.

5. City Council Liaison Update

A. Board Schedule - postponed; Bob Muckle requested this item to discuss possibly changing the standing meeting day.

B. Parking Structure Downtown: plan was presented and discussed but erroneous perception that preliminary plans represented a "done deal" generated strong feeling in the community; plans tabled at this time.

C. Council is considering amending regulations re: marijuana manufacturing, cultivation and sales in terms of number of facilities, where located.

D. Trash contract: Republic Disposal was awarded the contract due to submitting lower bid than Western Disposal (current contractor).

E. Council's work plan for the year has been finalized; available to OSAB if interested.

F. Communications specialist position has been approved and is in the process of being hired. Job duties will include communicating more proactively with the community to try to reduce big community response based on incomplete (and sometimes erroneous) information from social media.

6. Resolution of Appreciation for Jeff Lipton, City Council Liaison to OSAB

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The Resolution of Appreciation was read aloud at the meeting. See page 16 of the February 2019 OSAB Meeting packet for the full text of this resolution.

7. Staff Updates— Ember

See updates provided by Ember on page 14 of the February 2019 OSAB Meeting packet

- A. EventBrite web service is now being used for all educational events; 220 tickets “purchased” (free of charge) through EventBrite for programs through April. Also notifies 3rd party organizations, which extends our advertising “reach”.
- B. Senior Natural Resource Specialist position was posted today & will remain open for 3 weeks.

8. Board Updates

- A. Laura will miss the March meeting; Peter (Vice Chair) to chair the March meeting.

9. Public Comments on Items Not on the Agenda

None.

10. Discussion Item: Water System Improvement Projects; presented by Cory Peterson, Water Resources Engineer, City of Louisville Public Works Dept.

See materials starting on page 17 of the February 2019 OSAB Meeting packet for complete presentation. Two sources of water: 2/3 from S Boulder Creek and 1/3 from Colorado River via northern Colorado. Two projects are being planned:

- A. Install another line parallel to main pipeline from Hecla to Water Treatment Plant to increase capacity. Three different Open Space properties will be crossed. Boring and underground work will minimize disruption as much as possible. Construction to start late this year or early next year. Re-seeding will be done following the work; guaranteed for one year.
- B. Second project places pipeline next to ditch from Community Ditch up onto Davidson Mesa and north to Louisville Reservoir; currently on hold due to funding issues - anticipated start in 2022.

Laura is interested in keeping as much of the current ditch in place - trees, wildlife corridor. Peter asked if purpose of project is to accommodate increased growth rather than immediate need; Cory confirmed that this is so. David asked if this is solely a Louisville project; Cory said yes. David asked if there is any impact on underpasses; Cory said no. Fiona asked if there is a plan for communicating with public. Cory said yes; Fiona recommended signs on Open Space with explanation of WHY as well as description of work and timeline; use neighborhood bulletin board online groups as well. Ember noted that restoration will take place for an additional 3-5 years after re-seeding is completed and likely be carried out by Open Space staff.

11. Discussion Item: Update and Lessons Learned from the Encroachment Campaign. Presented by Cody Thompson, Ranger Naturalist

See materials starting on page 39 of the February 2019 OSAB Meeting packet for complete presentation.

Major lessons-learned:

- A. Personalized letters which include specific actions for the property owner are much more effective than a general form letter, as they drastically reduce the number of calls to Rangers to clarify the encroachment & remediation.
- B. Compliance thank-you letters were much appreciated.

Cody and Ember noted that mitigation will be periodically assessed for success (e.g., seeding may not have sprouted/covered the damaged area as planned). Additional restoration will need to be done.

David asked if neighboring communities have done this type of project. Cody noted that some communities don't have staff to run this kind of project; Jefferson County rangers sent out letters, but were not as collaborative in tone (e.g., did not offer to work with property owners on inherited encroachments). Ember noted that Lafayette tried to do this kind of campaign several years ago but dropped the effort. Many communities who have had rangers for many years do this on an on-going basis, as Louisville plans to do going forward.

12. Discussion Item: Strategy for Developing and Implementing Key Indicator Surveys

- A. There are 4 Key Indicators that Council has asked OSAB members to perform directly:
 - (1) OSAB Ranked and Council Reviewed Candidate Parcels;
 - (2) Trail Conditions;
 - (3) Trash Containers rating; and (4) Maintenance of Open Space rating.
- B. For "OSAB Ranked and Council Reviewed Candidate Parcels", Laura proposed establishing a Tiger Team to develop and recommend a new procedure, and report back to OSAB at March meeting (in preparation for OSAB field-day viewing the properties in early summer). There was general agreement that the current process of rating properties does not need to be revised at this point, and no Tiger Team was designated. Missy noted that the last assessment was done in 2016 and it's probably time to re-do all property assessments, which is an OSAB responsibility. Peter requested written guidelines on how to perform these assessments. Laura noted that the larger spreadsheet with all indices for evaluation will be distributed to new board members, along with maps which show where is property on the list is located. Missy asked if there are additional properties to put on the list, if any properties have been sold, and if any properties can be removed from the list. Laura will draft a work plan for this project, to include pre-requisite information plus Field Day day-of-assessment planning) for review & finalization at the March meeting.
- C. Laura clarified that the reason Council is asking OSAB to assess the other three key indicators (Trail Conditions, Trash Containers rating, and Maintenance of Open Space rating) is that Council is interested in the public's perception of these items - rather than establishing a community task force to generate perception information, OSAB is being asked to be a "proxy" for the general public. As such, a high-level overview is indicated, rather than the comprehensive, detailed view that staff provides. OSAB consensus is to perform these three surveys, at a general level and not as a substitute for staff work. Mike proposed communicating better ways to assess these topics to the Finance Committee, and Missy and Mike volunteered to establish a short-term Tiger Team to draft this memo for review at March meeting.

13. Discussions Items for the Next Meeting on Wednesday, March 13, 2019

- A. Acquisition List review & re-assessment plan (Laura)
- B. Municipal Code revisions
- C. Discuss Public Outreach for Planned Prescribed Burns
- D. Memo to Finance re: OS condition assessment Key Indicators (Mike)
- E. Agenda items for joint PPLAB meeting

14. Adjourn

The meeting adjourned at 9:38 pm.

Open Space Advisory Board Meeting Minutes
Wednesday March 13, 2019, 7:00pm

MEETING CANCELLED DUE TO WEATHER

Louisville Public Library: First Floor Meeting Room
951 Spruce Street

1. **Call to Order**
NA
2. **Roll Call**
Board Members Present: NA
Board Members Absent: NA
City Council Members Present: NA
Staff Members Present: NA
3. **Approval of Agenda**
NA
4. **Approval of Previous Meeting's Minutes**
NA
5. **Staff Updates— Ember**
NA
6. **City Council Liaison Update**
NA
7. **Board Updates**
NA
8. **Public Comments on Items Not on the Agenda**
NA
9. **Discussion Item: Identify Topics and Topic Leader for the OSAB/PPLAB Joint Meeting on April 10, 2019**
Not discussed - meeting cancelled due to weather
10. **Discussion Item: Review and recommend Improvements to the Public Outreach Approach for Prescribed Fire**
Not discussed - meeting cancelled due to weather
11. **Discussion Item: Review and Revise OSAB Memo Regarding Key Performance Indicator Surveys**

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Not discussed - meeting cancelled due to weather

12. Discussion Item: Comments on Candidate Parcels Table and Process

Not discussed - meeting cancelled due to weather

13. Discussions Items for the Next Meeting on Wednesday, April 10 2019

Not discussed - meeting cancelled due to weather

14. Adjourn

NA

Open Space Advisory Board Meeting Minutes
Wednesday April 10, 2019, 7:00pm

MEETING CANCELLED DUE TO WEATHER

Louisville Public Library: First Floor Meeting Room
951 Spruce Street

1. **Call to Order**
NA
2. **Roll Call**
Board Members Present: NA
Board Members Absent: NA
City Council Members Present: NA
Staff Members Present: NA
3. **Approval of Agenda**
NA
4. **Approval of Previous Meeting's Minutes**
NA
5. **Staff Updates— Ember**
NA
6. **City Council Liaison Update**
NA
7. **Board Updates**
NA
8. **Public Comments on Items Not on the Agenda**
NA
9. **Discussion Item 10: Identify Topics and Topic Leader for the OSAB/PPLAB Joint Meeting, April 22, 2019**
Not discussed - meeting cancelled due to weather
10. **Discussion Item 11: Review and recommend Improvements to the Public Outreach Approach for Prescribed Fire, April 22, 2019**
Not discussed - meeting cancelled due to weather
11. **Discussion Item 12: Review and Revise OSAB Memo Regarding Key Performance Indicator Surveys, April 22, 2019**

City of Louisville

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Not discussed - meeting cancelled due to weather

12. Discussion Item 13: Comments on Candidate Parcels Table and Process, April 22, 2019

Not discussed - meeting cancelled due to weather

13. Discussions Items for the Next Meeting on Wednesday, April 10 2019

Not discussed - meeting cancelled due to weather

14. Adjourn

NA

Memorandum

To: Open Space Advisory Board
From: Ember Brignull, Open Space Superintendent
Date: April 22, 2019
Re: Staff Updates

General:

- Spring Open Government Training for Advisory Boards is scheduled for Wednesday, May 1 at 6:30 pm at City Hall. According to our records the following OSAB members need to attend: Missy Davis, Fiona Garvin, Helen Moshak, and Thomas Neville. RSVP's are not necessary and a Fall training will be offered if you are unable to attend in the Spring.
- We are looking for help! If OSAB members are interested in volunteering to assist in the following education events please email Catherine Jepson at CatherineJ@louisvilleco.gov:
 - 11th Annual Fishing Frenzy. Friday, April 12th from 9:00 to 1:00 pm. Warembourg fishing pond.
 - Harney Lastoka Open Space and 7th Generation Farm Tour and Presentation. Saturday, April 27th from 10:00 to 1:00 pm.
 - Kids to Parks Day. Saturday, May 18th from 10-1.
- CSU Weed Study at Davidson Mesa and Aquarius is being extended. 2018 final report will be sent out to OSAB.
- Municipal Code Revisions for the Parks and Open Space Titles are scheduled for City Council Review on April 16th and May 7th.
- Positions have been offered to two candidates for the seasonal positions. One offer has been accepted at this point.
- First interviews for the Sr. Natural Resource Specialist Position occurred on Tuesday, April 2nd. Second interviews will be scheduled for early April.
- Open Space Superintendent has been asked to present at the annual COSA conference regarding successful implementation of a Ranger Program.
- Staff is working with the Transportation Master Plan consultants and other City Departments to develop staff recommendations for project priorities. Once recommendations are finalized the consultants will present to OSAB.
- Staff has installed an American kestrel nest box with a live-streaming camera at the City Services Building. Footage of activity will be shared on the City website if the nest box is active this season.
- Interpretive panels have been installed at the Hecla Lake bird blind with information on resident and migratory birds, and other wildlife (photo below).
- Trail repair at Hillside Open Space (photo below).
- Dog bag stations have been installed at Hecla Lake.

Education:

Past:

- Sunday, March 10th from 3:00 to 4:30 pm Camping 101. City Services Building, 739 S. 104th Street (on the NW corner of Dillon and 104th Street). No participants.
- Thursday, March 28th from 7:00 pm to 8:30 pm Owls of Boulder County. Louisville Library Meeting Room, 1st Floor (951 Spruce St). 45 participants.

Upcoming:

- Friday, April 12th from 9:00 to 1:00 pm, 11th Annual Fishing Frenzy. Warembourg fishing pond.
- Saturday, April 20th from 9:00 to 10:00 am, Walkin' and Talkin' with the Mayor and Ranger Naturalist. At Hecla Lake Open Space, meet at eastern entrance off of Lakespur Lane.
- Saturday, April 27th from 10:00 to 1:00 pm, Harney Lastoka Open Space and 7th Generation Farm Tour and Presentation. 7th Generation Farm, park at the Kerr Community Gardens.
- Saturday, May 4th from 10 to 10:45 am, Noxious Weed ID training. Davidson Mesa Open Space, meet at parking lot off of McCaslin Blvd.

Photo Update:

Trail at Hillside Open Space. The first photo is a before photo showing material that had been dumped on site by an unknown party and was eroding onto the Open Space trail and into the grass. The second photo is the repair work performed by staff.



Hecla Open Space. Dog bag station.



Hecla Lake. Interpretive education panels installed.



Memorandum

To: Open Space Advisory Board
From: Ember Brignull, Open Space Superintendent
Date: April 22, 2019
Re: Discussion Item 10. Identify Topics, Topic Leaders, and Topic Discussion Points for a future OSAB/PPLAB Joint Meeting in 2019

Purpose:

The purpose of this Discussion Item is to discuss potential topics for the OSAB/PPLAB joint board meeting. The OSAB Chair will request that individual board members volunteer to select a topic which the board member will be responsible for drafting a memo, identifying topic points, and leading the discussion during the OSAB/PPLAB joint meeting. The original OSAB/PPLAB joint meeting has been postponed from April to a future date that is yet to be determined.

Background:

OSAB identified a joint meeting with PPLAB as a 2019 OSAB Goal. OSAB recognizes that PPLAB is a relatively new board and is interested in supporting their efforts, partnering on projects, and discussing shared topics. During past OSAB meetings, the board has identified the following topics for possible discussion with PPLAB:

- Transportation Master Plan Update to be presented by the Planning Department
- Development Review Process
- Wayfinding Signs
- Dog Off-Leash Area
- Dog Siting Guidelines

Next Steps:

During the April OSAB meeting, OSAB members will finalize recommendations for the joint meeting agenda, assign leads, and determine packet content. The OSAB and PPLAB staff liaisons will collaborate to select a date and finalize the agenda to balance OSAB and PPLAB agenda topic recommendations.

Memorandum

To: Open Space Advisory Board
From: Ember Brignull, Open Space Superintendent
Date: April 22, 2019
**Re: Discussion Item 11. Review and Recommend
Improvements to the Public Outreach Approach for
Prescribed Fire**

Purpose:

The purpose of this discussion item is to review education and outreach efforts made to inform the public of the prescribed fire on Aquarius Open Space in 2017, and obtain OSAB's recommended improvements in preparation for the prescribed fire on Davidson Mesa Open Space in 2019.

Background:

Prescribed fire is a widely utilized management tool which maintains and restores native grasslands. The fire helps to manage weeds and other undesired growth, which reduces the risk of wildfire, restores soil nutrients, and results in healthier native plant growth in the future. In 2017, the Open Space Division partnered with the Rocky Mountain Fire Protection District to complete the City's first ever prescribed fire event. In order to become more familiar with the process before attempting larger burns, the Open Space Division selected Aquarius Open Space as a first burn site due to its relatively small size, low number of access points, and fewer nearby business and households. The event resulted in the successful burning and management of over 14 acres (map provided following memo) and coupled with herbicide application yielded a significant visible reduction in cheat grass (*Bromus tectorum*) on the property. Given the success of the City's first prescribed fire, the Open Space Division is currently in the planning stages of two prescribed fires units on Davidson Mesa Open Space in 2019; the first of which will burn approximately 125 acres on the western half of Davidson Mesa, and the second of which will burn approximately 75 acres on the eastern half of the property during 2019.

Informing the public of the upcoming prescribed fire on Davidson Mesa is vital to provide education and alleviate concerns among nearby residents and the public. While communication was distributed during the 2017 prescribed fire, it is important to note that the City will be burning over 13 times as many acres on Davidson Mesa as were burned on Aquarius and the Davidson Mesa property is bordered by private residences. Additionally, the smoke from the burning of Davidson Mesa will be seen from a greater distance than Aquarius due to its location at the top of the Mesa and proximity to Hwy 36.

Education and Outreach efforts in 2017:

In preparation for the burn on Aquarius Open Space in 2017, the Open Space Division used multiple forms of communication to inform citizens, local authorities, schools, hospitals, and adjacent homeowners of the burn. Information shared in these communications included anticipated burn dates, resulting trail closures, and what citizens should expect during the burn. Staff also provided updates as necessary when the burn was rescheduled due to unfavorable conditions, which included high vegetation moisture, poor air quality, shifting wind patterns, or lack of availability of fire personnel and equipment.

Below is a list of outreach methods employed in 2017. Examples of signage and communication can be found following the memo.

Two Weeks Before the Burn

1. Postcards sent to adjacent homeowners and businesses within 3/4-mile radius of Aquarius Open Space which outlined fire location, anticipated burn days, and what to expect (closures, smoke, etc.).
2. Signage detailing fire information and schedule posted at all property entrances on Aquarius, and entrance to CTC Open Space from Taylor Avenue.
3. Coordination with the City of Lafayette, Town of Superior, and Boulder County Parks and Open Space to cross post the closure of the Regional Coal Creek Trail and confirm that there were no conflicts with race events scheduled by partnering organizations. Subsequent updates were sent with reschedule dates as necessary.

One Week Before the Burn

1. Emails sent to City Council, City staff, Fire Department, Police Departments, Boulder County Dispatch, local schools, and hospitals with information on the fire and proposed date(s). Subsequent updates were sent with reschedule dates as necessary.
2. Reminder emails sent to Regional Coal Creek Trail partners: City of Lafayette, Town of Superior, and Boulder County Parks and Open Space. Verification of trail closure on partner websites.
3. Road signs stating date for fire were placed along the side of the road on HWY 42 and 96th St.

Day of Burn

1. Trails were closed on Aquarius with caution tape and barricades placed across the trail while the burn was in progress. Staff were also stationed at these locations during testing and active burning to stop trail users from accessing the property.
2. Signage detailing closure and alternative trail route were placed at all property entrances on Aquarius, and entrance to CTC Open Space from Taylor Avenue.
3. Information and photos from the burn were posted on Facebook.
4. City Council and OSAB members were invited to view the event.

Proposed Outreach and Improvements in 2019:

Pre-Communication Preparation

1. Collaborate with City Administrators to compile contact information of residents, homeowners, business, and facilities near the burn. This would include private residences adjacent to Davidson Mesa as well as private residences in a larger area west of McCaslin Blvd. and South of South Boulder Road and local schools, hospitals, and businesses. Exact area still to be determined. Prepare and order postcards for mailing.
2. Advertise fire operational dates with a larger time frame to encompass possible reschedule dates and continue to provide detailed reasoning for flexibility in scheduling on all outreach materials. For example, listing “Spring” or “Fall” rather than a two-week time frame.
3. Offer residents and City Officials the option to sign-up for City of Louisville Prescribed Fire e-notifications via email. Assign City Administrators to be responsible for e-notification real-time updates while staff are in the field working on fire operations.
4. Create webpage on City website (and share link widely) to include fire partnership information, proposed dates (as known), staff contact information, video footage from previous prescribed fire, and frequently asked questions.
5. Request permission from RTD prior to placing signage on their property.
6. Contact Boulder County Department of Transportation to request fire date be added on their over-highway signage on US HWY 36.
7. Contact Public Works for signage assistance on McCaslin Blvd and South Boulder Road.
8. Contact US HWY 36 Commuting Solutions to coordinate communication on the US 36 Bikeway.
9. Contact City of Boulder Open Space and Mountain Parks for permission to post signs at Marshall Mesa Trailhead.
10. Update City Council on scope of work and public outreach plan, this meeting would be open to the public.

Two Weeks Before the Burn

1. Send postcards to homeowners and businesses in the predetermined outreach area.
2. Email local hospitals, schools, Police Department, Boulder County Dispatch as well as fire districts within Louisville, Superior, Boulder, and Lafayette to provide fire information, fire location, anticipated burn days, and what to expect (closures, smoke, etc.).
3. Post signage with prescribed fire schedule and information on Davidson Mesa Open Space, Harper Lake Open Spaces, Louisville/Superior Park and Ride, Table Mesa Park and Ride, and Marshall Mesa Trailhead.
4. Post prescribed fire schedule and information on the City Website and Facebook Pages including the DOLA Facebook Page.
5. Submit press release to Daily Camera and Boulder Weekly.

One Week Before the Burn

1. Collaborate with Public Works to place road signs on South Boulder Road and McCaslin Blvd. to educate public of upcoming prescribed fire.
2. Post alternative trail route information and map for trail commuters.
3. Place electronic sign board at the McCaslin entrance to Davidson Mesa Open Space in order to notify residents of prescribed fire and resulting property closure.
4. Post over-highway content on US HWY 36 signs notifying drivers of upcoming prescribed fire/smoke if allowed by CDOT.
5. Place signage on HWY 36 Bikeway one mile east and west of south-west entrance to Davidson Mesa informing of property closure.
6. Update posts made to the City Website and Facebook Pages.

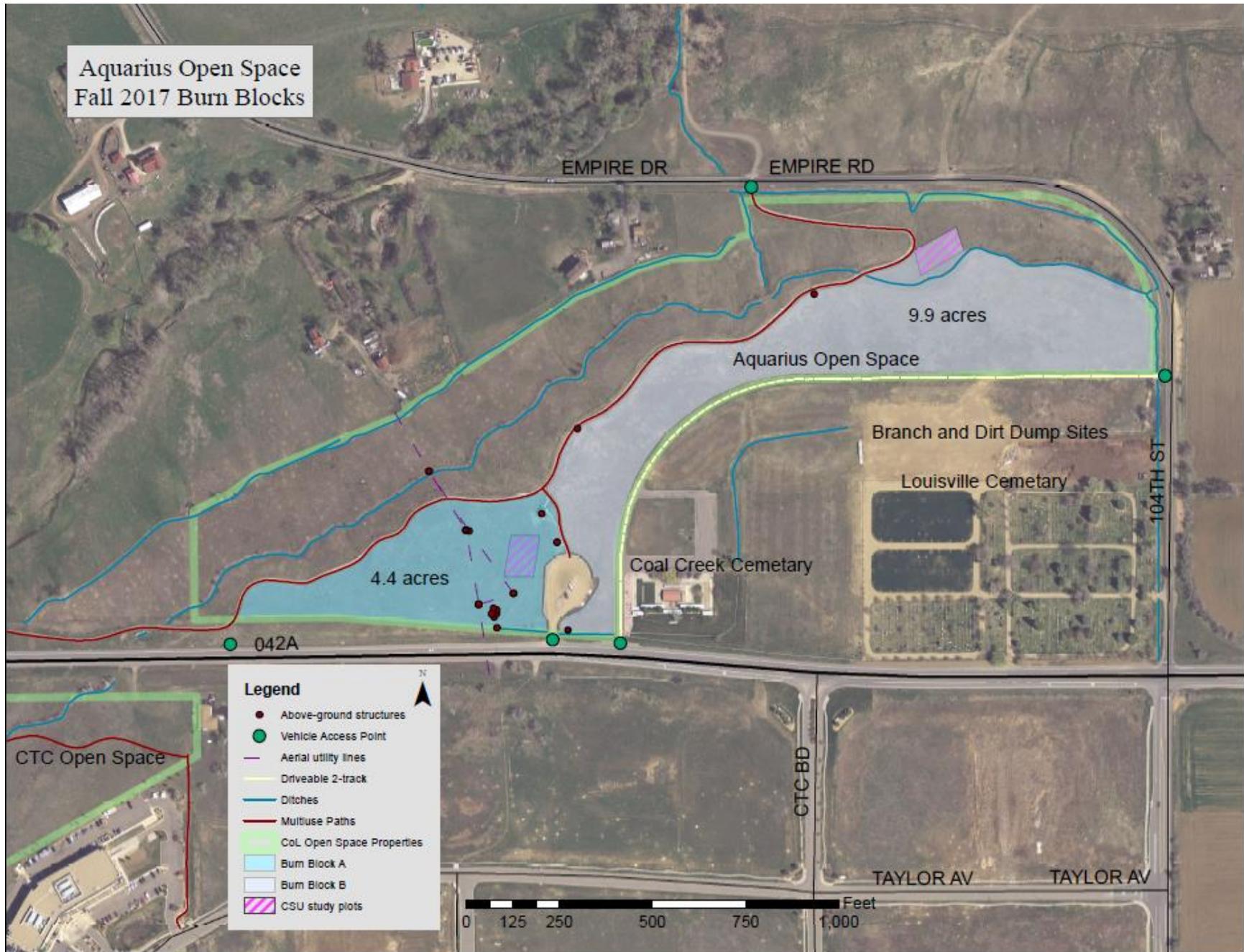
Day of Burn

1. Close entire property (including the DOLA and underpass) to prevent trespassing while burn is in progress and completely block access to the property using barricades and caution tape across trail and beyond trail corridor to prevent users from going around tape.
2. Increase staffing to monitor closure at all trail entrances, including designated and social trails.
3. Place signage at all entrance points informing users of property closure due to burning.
4. Update electronic sign board at the HWY US 36, South Boulder Road and McCaslin Blvd., of prescribed fire in progress and to expect smoke.
5. Update electronic sign board at entrance to Davidson Mesa Open Space in order to notify residents of prescribed fire and resulting property closure.
6. Post closure signage on HWY 36 Bikeway connection to Davidson Mesa Open Space.
7. Contact Boulder County Communications Center, Louisville administrative staff, and Louisville Police Department to inform of the prescribed fire so that they may address any subsequent reports or 911 calls.
8. Update posts made to the City Website and Facebook Pages.

Next Steps:

Staff will compile OSAB recommendations for improvement, discuss these recommendations with the Director of Parks, Recreation, and Open Space, the City Manager, the City's communication professionals, and the Rocky Mountain Fire Protection District and make appropriate revisions to the 2019 Prescribed Fire Outreach Plan.

Aquarius Open Space
Fall 2017 Burn Blocks



NOTICE

PRESCRIBED BURN at Aquarius Open Space

Proposed Dates:

October 17 & 18, 2017*



**Fire managers may need to reschedule or cancel burns based on weather and conditions. Burning may occur up to October 31st.*



City of
Louisville

City of Louisville
749 Main Street
Louisville, CO 80027

The City of Louisville, in collaboration with the Rocky Mountain Fire Protection District and in coordination with the Louisville Fire Department, have tentatively scheduled a Prescribed Burn at Aquarius Open Space.

Expect trail, property closures, smoke and/or flames. Emergency personnel have been notified. Please do not call 911.

Location: Northwest of the intersection at HWY 42 & South 104th Street

Prescribed burning maintains and restores native grasslands. Burns are conducted to minimize the amount of smoke produced, its effect on people, and maximize resource benefits.

NOTICE

PRESCRIBED BURN

AT AQUARIUS OPEN SPACE

**Proposed Dates:
October 17 & 18, 2017***

**Fire managers may need to reschedule or cancel burns based on weather and conditions and burn could occur up to October 31, 2017.*

**Expect trail, property closures, smoke and/or flames. Emergency personnel have been notified.
Please do not call 911.**

The City of Louisville, in collaboration with the Rocky Mountain Fire Protection District and in coordination with the Louisville Fire Department, have tentatively scheduled a Prescribed Burn at Aquarius Open Space.

Location: Northwest of the intersection at HWY 42 and South 104th St.

Why: Prescribed burning is an important management tool to maintain and restore native grasslands. Burns are conducted when conditions will minimize the amount of smoke produced and its effect on people and maximize resource benefits.



DO NOT REPORT

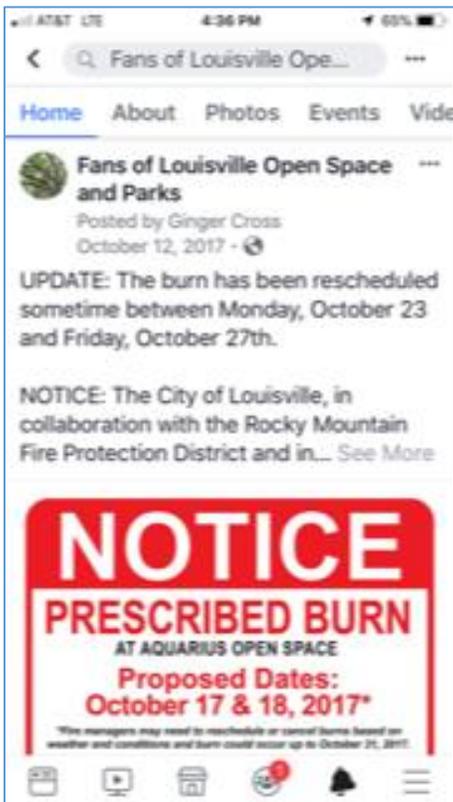


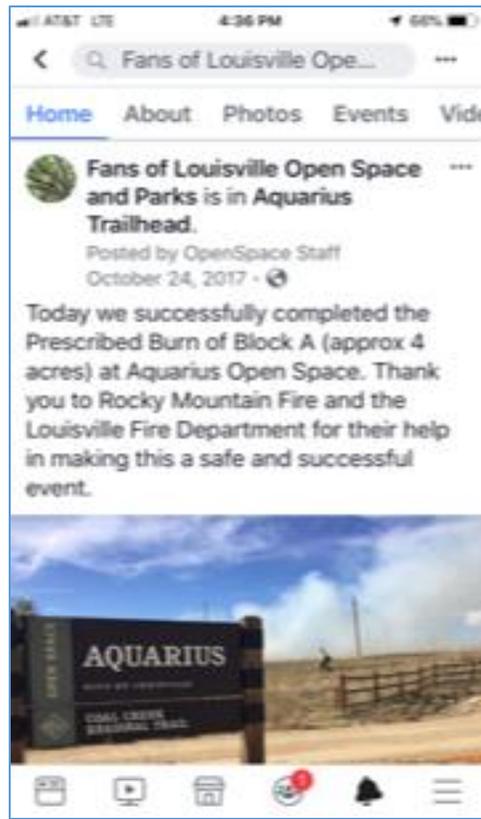
City Website and Facebook Postings:

City Website:



Fans of Louisville Open Space Facebook Page:





FAQ: PRESCRIBED BURN

The National Center For Atmospheric Research (NCAR) Mesa

What is a prescribed burn?

A prescribed burn, or prescribed fire, is a fire applied in a knowledgeable manner to forest or grassland fuels on a specific land area, done under selected weather conditions to accomplish well-defined management objectives.

Why is NCAR conducting a prescribed grassland burn on its land?

UCAR revisited its ecosystem management plan after the Fourmile Fire and undertook a review of its wildfire risks. Two goals were identified: reduce the risk of catastrophic wildfire and the vulnerability of our staff, visitors, and the areas surrounding the lab; and improve the health of the mesa's ecosystem, including limiting noxious weeds and improving growing conditions for native species.

In fall 2011, UCAR's mitigation efforts began with thinning hazardous trees to create defensible space around NCAR's buildings and the Walter Orr Roberts Weather Trail. The second phase of the plan includes additional forest trimming and a grassland burn scheduled for spring 2012.

How many acres will be burned?

Approximately 250 grassland acres will be burned.

When will the burn take place?

The burn will take place for a duration of one day between March 1 and April 30.

Can you conduct the burn during BVSD's spring break?

A number of parents, teachers, and administrators in the Boulder Valley School District have asked if NCAR's prescribed burn can take place during the district's spring break (March 26 – April 3). We agree that this timing makes sense and we certainly have it as a target. While we cannot guarantee this timeframe, we will do our best. The date chosen will be the one where conditions allow for the safest execution of the burn.

How is the day of the burn selected?

The timing of the burn is dependent on meeting four strict conditions:

1. Vegetation receptiveness
2. Air quality
3. Wind
4. Availability of fire personnel

Vegetation receptiveness. The grass is cured and dormant in March and April, but still acts like a sponge, absorbing or giving off moisture depending on precipitation and relative humidity. If the percentage of moisture in the grass is greater than 12%, the grass will be unable to ignite or sustain combustion. The moisture content is calculated based on temperature and relative humidity. In addition, no more than 20–30% of the burn area can have snow cover and no precipitation should have fallen in the 48 hours preceding the burn.

Air quality. Parameters for good smoke dispersal must be met. The Colorado Air Quality Control Commission regulates prescribed burn permits, dictating the conditions under which it is acceptable to burn. Air dispersal predictions are put out for 3–5 days at a time, based on weather forecasts. This will allow us to pick a target day for the burn; however, weather changes can alter the air quality from day to day.

Wind. Wind speed must be less than 15 mph and in a favorable direction. The winds dictate fire behavior and fire control. Even if air quality is good, wind direction or speed may be outside of acceptable parameters.

Firefighter and equipment availability. The burn requires a staff of qualified firefighters with different specialties from multiple fire agencies, along with fire engines. If an unexpected fire occurs elsewhere on the target burn date or if local firefighters are addressing wildfire activity in another region, the prescribed burn must be postponed. In addition, additional fire personnel and equipment must remain available for responding to local emergencies during the burn.

How will I know when the burn will happen?

We will provide notice of a target burn date three days in advance and again on the day of the burn. It is possible that the burn could be postponed on the day due to unsuitable weather conditions. Please subscribe to email updates at www.ucar.edu/forest to receive notice. We will also provide notice to the Boulder Valley School District, the media, and local authorities.

How will you conduct the burn?

The burn is conducted in a methodical manner, unit by unit rather than all at once. This enables the burn to be managed carefully and shut down quickly if weather conditions change and it is no longer deemed safe to continue.

Will firefighters be on site during the burn?

The Boulder Fire Department, and other Boulder County fire agencies, will be on hand during and after the burn.

What happens after the burn? Is the site monitored?

Yes, the burn area will be monitored for several days. A fire truck and crew will remain onsite overnight after the burn to monitor for hot spots.

What time will it start and finish?

The team will assemble early morning for a briefing and final check of conditions before beginning the burn around 9:00 a.m. It is expected to be complete by 3:00 p.m. the same day.

I have respiratory health issues and live in the Table Mesa neighborhood. Will the prescribed burn cause air quality problems? What can I do to protect myself?

The smoke impacts of a grassland burn are short term. During the burn, significant smoke will be generated; however, when done properly most of it will lift and be dissipated by the predominant winds. There is very little smoldering or lingering smoke because the grass is consumed by the fire, leaving no residual fuel to burn. A smoke permit from the Colorado Air Pollution Control Division outlines the parameters that must be met to remain within acceptable air quality limits.

Smoke may be noticeable during the prescribed burn. Those who are sensitive to smoke or have heart or lung conditions, such as congestive heart failure, angina, COPD, emphysema, or asthma, are at higher risk for health problems. People with respiratory issues should avoid the area during the burn, but should not expect any issues after ignitions cease. Please contact us or sign up for email updates if you would like to be kept up-to-date with the latest information.

On the day of the burn

- **The U.S. Centers for Disease Control (CDC) recommends:**
- **Keep windows and doors closed unless it is extremely hot outside.** Run an air conditioner if you have one, but keep the fresh air intake closed and the filter clean to prevent outdoor smoke from getting inside. If you do not have an air conditioner and it is too warm to stay inside with the windows closed, seek shelter elsewhere.
- **Do not add to indoor pollution.** When smoke levels are high, do not use anything that burns, such as candles, fireplaces, or gas stoves. Do not vacuum, as this stirs up particles already inside your home.
- **Follow your doctor's advice** about medicines and your respiratory management plan if you have asthma or another lung disease. Call your doctor if your symptoms worsen.

Is there a risk of the burn causing damage to nearby property or homes?

Prescribed burn managers realize that there is always a degree of risk when conducting a burn. Anchor Point Group, an experienced Boulder-based wildfire mitigation firm contracted to oversee the burn, has a contingency plan in place to minimize risk and is working closely with fire departments and emergency services to plan the burn. The Boulder Fire Department will be on site for the grassland burn and will use the opportunity for training purposes.

How will prescribed fire affect the appearance of the land?

The area will look black at first, but within several weeks it will "green up" as new grass begins to grow. In about a month's time, or as soon as after the first rain, there will be little evidence of the burn, with most of the ash being absorbed into the soil.

How will the prescribed burn affect animals that live or graze in the vicinity of the Mesa Lab?

Prescribed burns are done slowly and usually do not create mortality in large mammals. Occasionally, a snake or rodent dies, but most small burrowing animals will be safe underground since the heat is not as intense in a grass fire.

Who is in charge of the wildfire mitigation project?

UCAR'S Facilities Management and Sustainability department is overseeing the project. UCAR, which manages NCAR, has selected Anchor Point Group to manage the project. Its services include comprehensive, scientifically-based wildfire hazard analysis and mitigation.

About UCAR and NCAR

University Corporation for Atmospheric Research (UCAR)

UCAR is a non-profit consortium of 76 North American universities that grant Ph.D.s in fields related to atmospheric science. UCAR's primary activity is management of the National Center for Atmospheric Research.

National Center for Atmospheric Research (NCAR)

NCAR is a federally funded research and development center sponsored by the National Science Foundation (NSF) and managed by UCAR. NCAR scientists collaborate with university colleagues to study climate, air chemistry, storms and basic weather processes, the Sun and its effects on Earth systems. NCAR is not a part of the National Oceanic and Atmospheric Administration (NOAA) or any other federal agency. Our activities complement those of the federal agencies and we work closely with them and with the UCAR university community. <http://www2.ucar.edu/about-us>

The Mesa Lab

The National Science Foundation, NCAR's sponsor, owns the Mesa Lab and the land surrounding it, including the entry drive known as Mesa Road or the NCAR road. The entire site, including the road, is federal property. The site is maintained by UCAR. All City of Boulder agencies have jurisdiction to enforce local laws and ordinances on the property. These agencies include fire, police, emergency response, and Open Space and Mountain Parks.

Contact:

Rachael Drummond
Public Affairs
UCAR-NCAR
303-497-8604
rachaeld@ucar.edu
www.ucar.edu/forest

Memorandum

To: Open Space Advisory Board
From: Ember Brignull, Open Space Superintendent
Date: April 22, 2019
**Re: Discussion Item 12. Review and Revise OSAB Memo
Regarding Key Performance Indicator Surveys**

Purpose:

The purpose of this Discussion Item is to review and revise a memo drafted by two members of the Open Space Advisory Board (OSAB), Mike Schantz and Missy Davis. This memo is in regard to the Key Performance Indicator (KPI) Surveys that OSAB was requested to implement. The board will review and revise the memo until majority board consensus is reached. The final memo will be delivered to Heather Balsler, City Manager for the City of Louisville for her review and to serve as an OSAB recommendation for revisions to the KPI process in the 2021/2022 biennial budget process and forward.

Background:

In 2016 the City transitioned from an annual to a biennial budget process organized into unique Sub Programs. The Open Space Division Sub Programs include: Acquisition, Education & Outreach, Maintenance & Management, and New Trails & Trails Maintenance. An initiative of City Council, Key Performance Indicators (KPI's) have been developed for each Sub Program to identify goals and to measure how efficiently and effectively resources are being used to achieve these goals. Within the KPI worksheets the Finance Committee has identified four (4) KPI surveys which require OSAB input:

- Acquisition Sub-Program: "OSAB Ranked and Council Reviewed Candidate Parcel"
- New Trails & Trail Maintenance Sub-Program: "Maintenance Rating"
- New Trails & Trail Maintenance Sub-Program: "Trash Containers Rating"
- Maintenance & Management Sub Program: "Maintenance of Open Space Rating"

Next Steps:

Staff will submit the OSAB memo to the City Manager for review and consideration in the next biennial budget process in 2021/2022 when the KPI's are evaluated.

Memorandum

To: Heather Balsler, City Manager
CC: Nathan Mosely and Ember Brignull
From: Open Space Advisory Board (OSAB)
Date: April 22, 2019
Re: Key Performance Indicator Survey Request

The Open Space Advisory Board (OSAB, the “Board”) has reviewed and discussed the request for the Board to serve as a proxy for citizen satisfaction and perform assessments for Key Performance Indicators (KPIs) for the three items below;

- New Trails & Trail Maintenance Sub-Program: “Maintenance Rating”
- New Trails & Trail Maintenance Sub-Program: “Trash Containers Rating”
- Maintenance & Management Sub Program: “Maintenance of Open Space Rating”

This request seems to have grown from Board participation in the annual Candidate Parcel exercise and our willingness to provide what we thought was a survey to provide baseline data for trail assessment activity in 2018.

While generally supportive of the use of KPIs for measuring progress and relative efficacy of management efforts on open space, we are not supportive of the use of Board time for this process. While the Candidate Parcel survey process is a charter driven activity of the Board and one that we believe is vital to providing our required function as an advisory board, the request that the Board use its time and resources to regularly perform additional detailed surveys is inappropriate. Currently, the Board finds itself challenged to cover important open space topics during our regularly scheduled meetings and to use more of this limited time on surveys would result in other more important strategic and advisory efforts being neglected.

Given these constraints, the Board is willing to provide very general overall subjective grades mid-year in each area. This approach is less than ideal in that it wouldn’t be quantitative. Additionally, the inevitable turnover of Board members would make this subjective scoring approach even less consistent and a poor KPI measure.

Accordingly, if it is not desirable to include questions related to these issues on the citizen survey, we suggest staff and council explore other means for developing KPIs for these programming areas. One option would include tracking all public complaints related to open space properties. Alternatively, third parties, NGOs or paid contractors could be engaged to perform this activity.

Sincerely,

The 2019 Open Space Advisory Board

Memorandum

To: Open Space Advisory Board
From: Ember Brignull, Open Space Superintendent
Date: April 22, 2019
Re: Discussion Item 13. Comments on Candidate Parcel Table and Process

Purpose:

The purpose of this Discussion Item is to 1) update new board members regarding the materials and process used to evaluate Candidate Open Space and Trail Parcels, 2) review existing and proposed candidate parcels identified on the “Candidate Open Space Properties 2019” map, 3) recommend parcels to be added or removed from consideration 4) determine which parcels to evaluate on the May and June driving tours and any improvements to the process.

Background:

Since 2007, the Open Space Advisory Board (OSAB) has participated in evaluating parcels for potential City acquisition for the purpose of Open Space land or trail corridors. This OSAB duty is identified in the Home Rule Charter and is an important function of the board. The recommendations for parcels to be evaluated are generated by OSAB members, City Council members, and City Staff.

Once parcels have been identified for evaluation, OSAB periodically participates in a driving tour to view and rank the parcels based on resource and cultural values; this data is then recorded on the tri colored “Acquisition Ranking Table” (the table). The values and the ranking criteria for the table are identified in the attached “City of Louisville Candidate Open Space Category Definitions”. The table is always partnered with a property location map which identifies the parcels to be evaluated and is labeled as the “Candidate Open Space Properties 2019” (the map). The map has alpha labels for each property and the alpha labels are entered into the property I.D. column on the table to link the two documents. In 2019, new parcels for consideration have been given a numeric I.D.’s and are indicated in red and brown.

Once each OSAB member has completed the table, staff compiles and averages the resource, cultural, and total scores which are then entered into the “Opportunities for Preserving Open Space & Improving Trail Connectivity” spreadsheet (the spreadsheet). The spreadsheet is the final document that is shared with City Council and the City Managers Office to illustrate OSAB’s acquisition priorities and recommended acquisition strategies. The acquisition strategies are further defined in the “Strategies and Tools for Open Space Property Acquisition” document. The last step in the process is to complete a summary sheet for each priority property that contains additional property information.

Additional background materials regarding OSAB's participation and thought on this process can be found in the March, 14 2017 City Council Study Session Packet which is located here:
<http://laserfiche.louisvilleco.gov/weblink/0/doc/344678/Page1.aspx>

Next Steps:

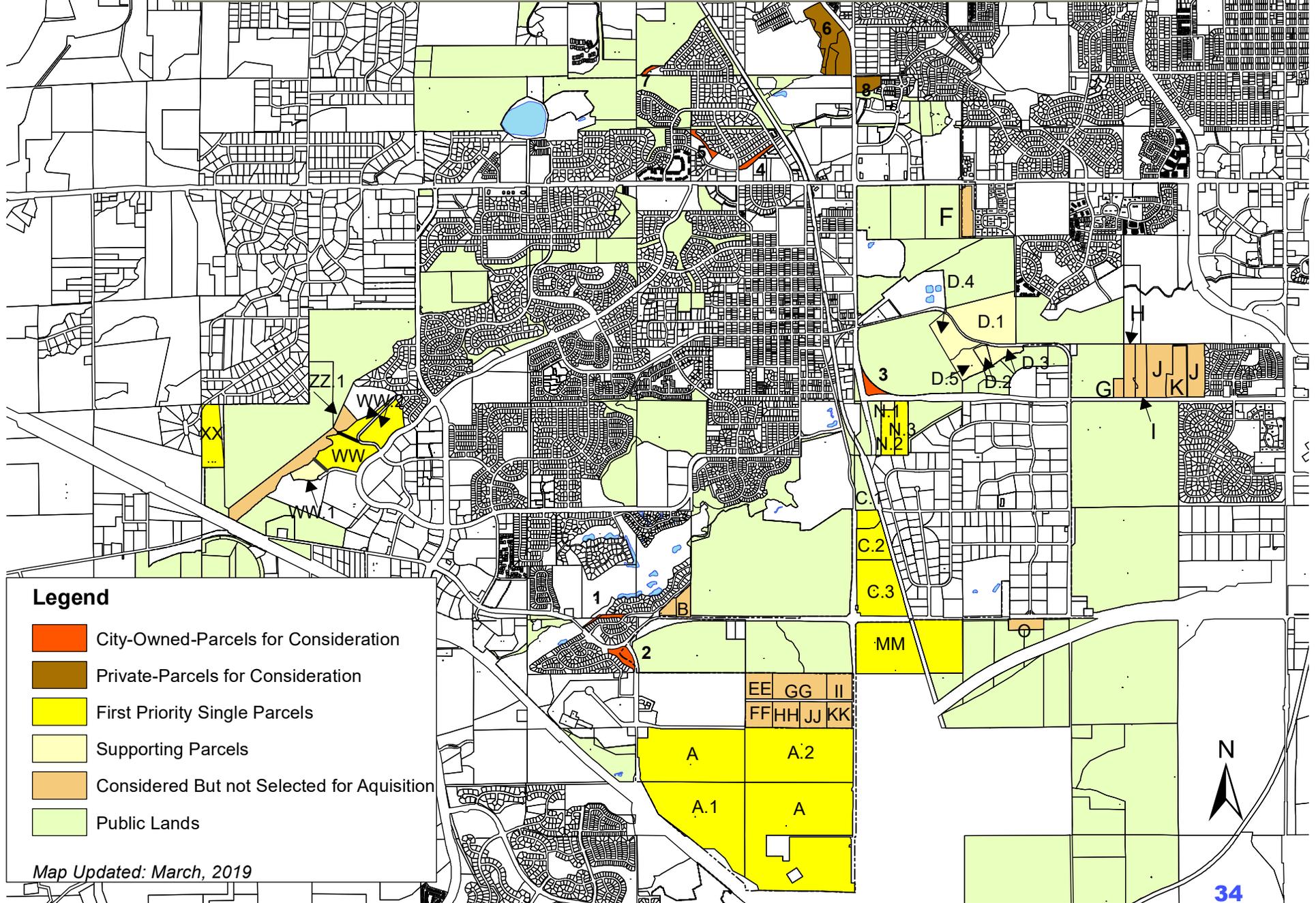
Staff will update the map to reflect parcels selected for review and evaluation, prepare the table with parcels selected, and plan a driving route for the field tour which will take place in May and June of 2019. OSAB members are encouraged to view the parcels before the tour and are reminded to be respectful of private property boundaries and only view from a public access point.

City of Louisville Candidate Open Space Category Definitions

The rating scale consist of a 0-2 rating, zero meaning the feature / quality is not present and two meaning the feature / quality is fully represented. One will indicate a partial representation of the feature / quality.

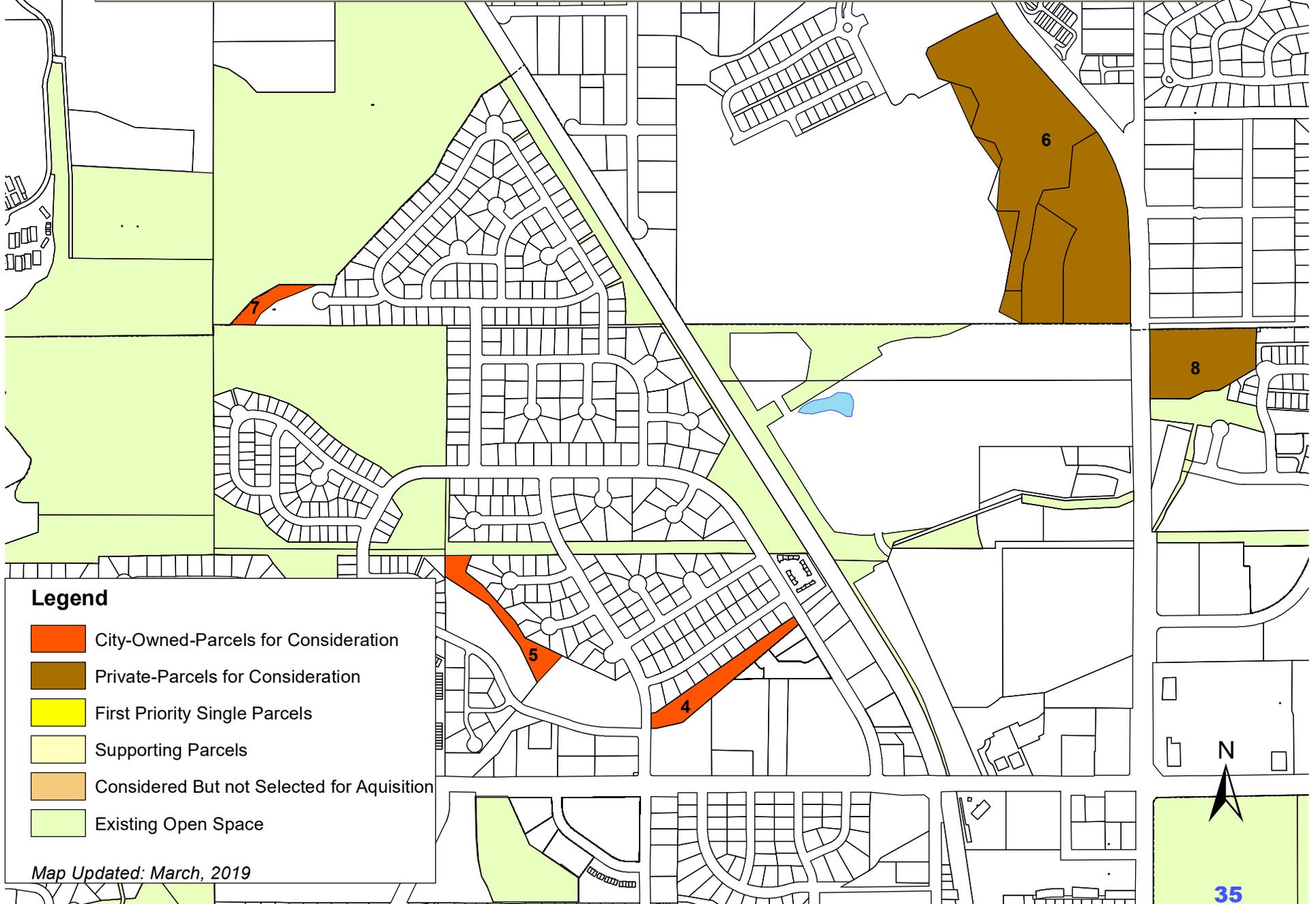
- a. Vegetation – The abundance / diversity of native plant species.
- b. Wetlands – Areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support a prevalence of vegetation.
- c. Riparian Areas – Riparian vegetation and land adjacent to natural flowing water.
- d. Wildlife Habitat – Area that provides sustainable shelter, food, or protection for indigenous wildlife.
- e. Connectivity – A piece of land that contributes to an overall open space and or community recreational network.
- f. Open Water – A standing body of water present year round or seasonal that is important to the sustenance of vegetation, wildlife, or recreational opportunities.
- g. Topographic / Geological Significance – Features that act as visual markers, aesthetic formations, geological uniqueness, or vantage points deemed of public value.
- h. Size – Small, medium or large.
- i. Public Visibility – The degree in which a prospective open space parcel can be viewed from public roads or facilities.
- j. Scenic – An area that provides for natural visual enjoyment to an observer while not on the property.
- k. Views – An area that provides for natural visual enjoyment to an observer while on the property.
- l. Historical Significance – Contains physical reminders, archeological sites, or historical structures, or there is knowledge of significant past use that is of public value.
- m. Agricultural Preservation – Value in maintaining the active use of farming or ranching and/or preserving the history of prior agricultural use.
- n. Recreation Potential – Feasibility and quality of appropriate recreational use.
- o. Existing Condition – How close the current state of the property is to the desired state.
- p. Threat of Development – Possibility or probability of new development in the near term.
- q. Buffers – Natural divisions providing a discernable break between or within communities.
- r. Potential for Partners – The likelihood that other entities would share the financial burden of acquisition and/ or management of the property.
- s. Undefined Unique Quality – Value not captured in other category
- t. Comp. Plan – The comp plan designation for this property is as open space.

Candidate Open Space Properties 2019



Map Updated: March, 2019

Candidate Open Space Properties 2019-North

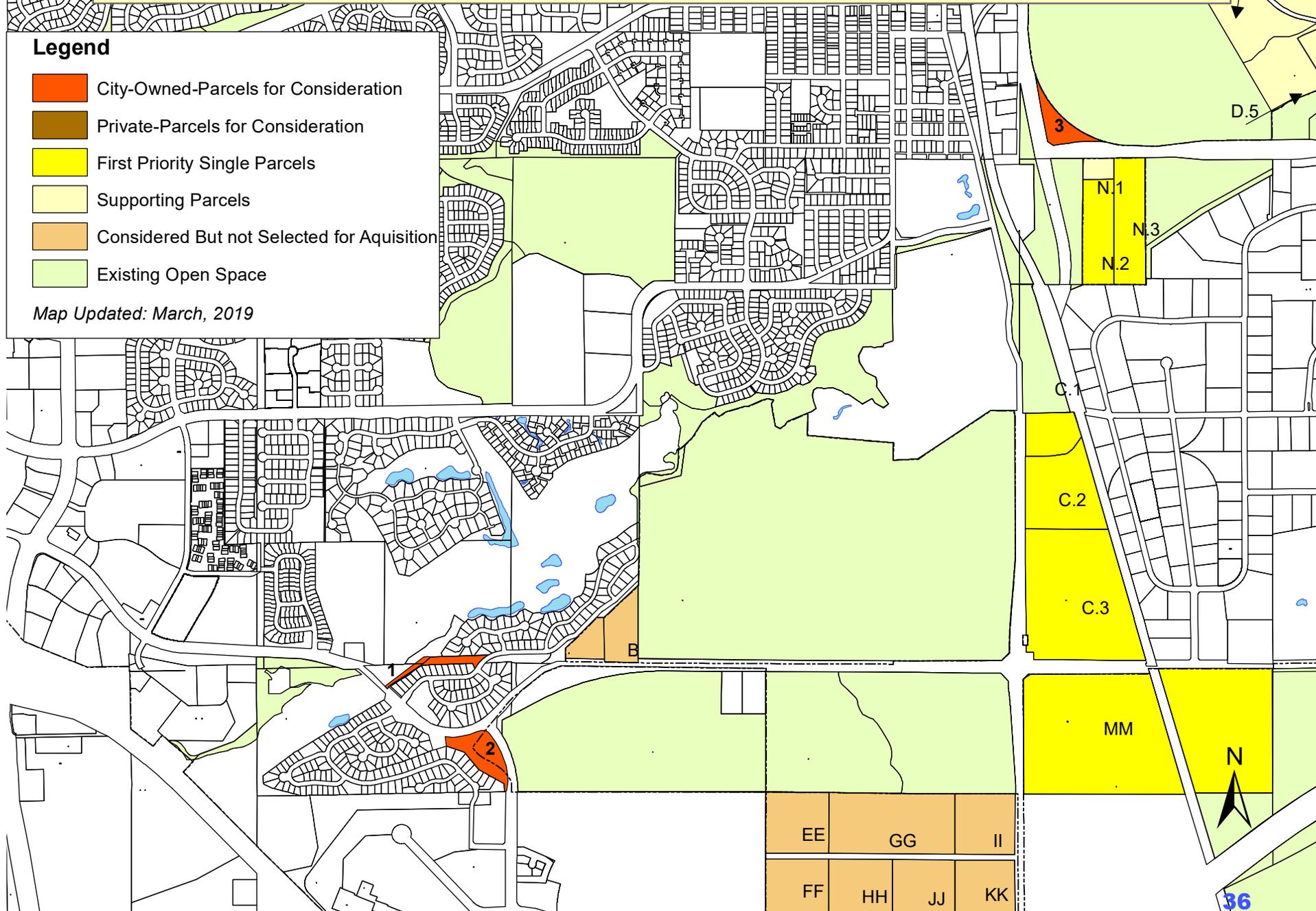


Candidate Open Space Properties 2019-South

Legend

-  City-Owned-Parcels for Consideration
-  Private-Parcels for Consideration
-  First Priority Single Parcels
-  Supporting Parcels
-  Considered But not Selected for Aquisition
-  Existing Open Space

Map Updated: March, 2019



DRAFT - Open Space Advisory Board - PLANNING PURPOSES ONLY

Opportunities for Preserving Open Space & Improving Trail Connectivity

Property Name	Property Code	Current Zoning	Acres	Value Scores			Acquisition Value	Goal/Backup Strategy
				Community	Resource	Total		
Bennett-SE of HWY 42 & 96 th St.-western parcel	N.2	Agricultural (U)	8	16.33	9.50	25.83	HIGH	Fee Simple/CE/Trail Easement
Newbold-SE of HWY 42 & 96 th St.-eastern parcel	N.3	Agricultural (U)	10	16.00	9.67	25.67	HIGH	Fee Simple/CE/Trail Easement
Phillips 66-NE section	A.2	Commercial	80	17.43	7.86	25.29	HIGH	Fee Simple 30+ acres/CE/Trail Easement
Phillips 66-SW section	A.1	Commercial	77	15.43	6.00	21.43	HIGH	Fee Simple 30+ acres/CE/Trail Easement
Phillips 66-NW and SE sections	A	Commercial	228	16.29	4.86	21.14	HIGH	Fee Simple 30+ acres/CE/Trail Easement
Salaman-W of, and adjacent to, Davidson Mesa	XX	Estate Residential (U)	19	16.67	4.17	20.83	HIGH	Fee Simple/CE
Schreiter-SE of Dillon & S. 96th St.	MM	Agricultural (U)	73	16.00	4.00	20.00	HIGH	Fee Simple/CE
Centennial- Middle	WW	Commercial	20	14.83	3.67	18.50	HIGH	Conservation Easement/ Trail Easement
Centennial-Eastern	WW.2	Commercial	20	14.50	3.67	18.17	HIGH	Conservation Easement/ Trail Easement
Games-Between S 96th & S. Arthur Ave.- North	C.1	Commercial	5	13.33	3.67	17.00	HIGH	Fee Simple/ Trail Easement
CO Tennis Facilities-Between S 96th & S. Arthur Ave.- South	C.3	Commercial	33	12.83	2.67	15.50	HIGH	Trail Easement
Archdiocese-Between S 96th & S. Arthur Ave.- Middle	C.2	Commercial	14	12.33	2.83	15.17	HIGH	Trail Easement
Mayhoffer-Empire Road adj. to Mayhoffer	D.4	Agricultural (U)	11				MEDIUM	Conservation Easement
Mayhoffer-Empire Road adj. to Mayhoffer	D.2	Agricultural (U)	3	20.67	7.83	28.50	MEDIUM	Conservation Easement
Mayhoffer-Empire Road adj. to Mayhoffer	D.3	Agricultural (U)	5	18.67	6.00	24.67	MEDIUM	Conservation Easement
Mayhoffer-Empire Road adj. to Mayhoffer	D.5	Agricultural (U)	9				MEDIUM	Conservation Easement
Bennett-SE of HWY 42 & 96 th St.-western small	N.1	Agricultural (U)	2	14.50	7.33	21.83	MEDIUM	Fee Simple/ CE/ Trail Easement
Centennial-Western	WW.1	Commercial	6	14.50	3.83	18.33	MEDIUM	Conservation Easement/ Trail Easement
Truman-N of Paradise Lane- Eastern most	II	Agricultural (U)	9	15.00	4.00	19.00	LOW	Conservation Easement
Phillips 66-N of Paradise Lane- Middle	GG	Agricultural (U)	19	12.17	5.33	17.50	LOW	Conservation Easement
Phillips 66-S of Paradise Lane- Eastern most	KK	Agricultural (U)	9	12.17	5.33	17.50	LOW	Conservation Easement
Centennial-West of GHX	ZZ.1	Commercial	5	13.83	3.50	17.33	LOW	Conservation Easement
Santille- SE of S.Bldr Rd & 95th St.	F	Commercial	9	13.00	3.00	16.00	LOW	Recommend PPLAB Review
Neumann-NW of Hwy 42 & 287-Eastern most	J	Agricultural (U)	30	12.17	2.67	14.83	LOW	Conservation Easement
Phillips 66-S of Paradise Lane- 2nd in from east	JJ	Agricultural (U)	10	10.83	4.00	14.83	LOW	Conservation Easement
Phillips 66-N of Paradise Lane- Western most	EE	Agricultural (U)	10	10.67	3.33	14.00	LOW	Conservation Easement
Losasso-NW of Hwy 42 & 287-2nd in from west	H	Agricultural (U)	8	11.50	2.33	13.83	LOW	Conservation Easement
Paradise Lane LLC- Western most	FF	Agricultural (U)	10	10.83	3.00	13.83	LOW	Conservation Easement
Public Service-Between Damyanovich and D. Mesa	ZZ	Commercial	22	9.50	4.17	13.67	LOW	Conservation Easement
Machol-NW of Hwy 42 & 287-2nd in from east	K	Agricultural (U)	12	10.83	2.50	13.33	LOW	Conservation Easement
Schmidt-NW of Hwy 42 & 287- Western most	G	Agricultural (U)	3	10.50	2.50	13.00	LOW	Conservation Easement
Paradise-S of Paradise Lane- 2nd in from west	HH	Agricultural (U)	10	9.67	2.67	12.33	LOW	Conservation Easement
Losasso-NW of Hwy 42 & 287-3rd in from west	I	Agricultural (U)	17	9.67	2.50	12.17	LOW	Conservation Easement
PSOC -Western	B.1	Agricultural (U)	3	9.17	2.83	12.00	LOW	Recommend PPLAB Review
Goldstein-Dillon Road Homestead (within Trillium)	O	Agricultural (U)	5	9.33	2.67	12.00	LOW	Conservation Easement
PSOC-Dillon West of Warembourg	B	Agricultural (U)	5	8.17	2.00	10.17	LOW	Recommend PPLAB Review

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DRAFT - Strategies and Tools for Open Space Property Acquisition

12/10/2015

Summary: acquisition discussions between OSAB, Malcolm Fleming, and OS staff (with input from Boulder & Jefferson County OS staff)

Tool	Description	How it works	Advantages	Disadvantages
Real Estate Retainer	A real estate retainer fee is paid upfront to engage a real estate agent by the city to ensure the commitment of the agent, and it does not guarantee an outcome or final product. The retainer fee is structured as an offset against the commission and is retained only if a deal fails to close. If the deal closes, the fee is returned to the client.	While many large open space agencies have staff dedicated to land acquisitions, this is impractical or unfeasible for smaller agencies due to cost and infrequency of opportunities. A smaller municipality could extend its reach through an established network of real estate brokers in the area. Real estate brokers tend to be the first individuals with knowledge of potential land coming on the market for sale, and may have relationships with landowners in the area. A municipality could provide a select group of brokers its target acquisition list to either pursue transactions, or to simply keep the municipality abreast of potential target acquisition opportunities. It is typical in the real estate industry for a seller to pay all brokerage commissions/compensation.	Expands the reach of smaller municipalities' on-staff resources at minimal additional costs, and may result in additional opportunities	May result in a conflict if multiple brokers identify the same target acquisition at the same time, an event more common in a smaller municipality real estate market.
Right of first refusal/Option Agreement	A right of first refusal is a contractual right that gives its holder the option to enter a business transaction with the owner of something, according to specified terms, before the owner is entitled to enter into that transaction with a third party.	The right of first refusal is a contract between the buyer and seller which specifies that the land may be acquired by the buyer at a future date. This gives the municipality the opportunity to match an offered purchase price within a specified time period should a landowner receive a legitimate offer to sell. A purchase option is simply a right that the municipality holds to purchase the land by a specified date at a specified price. A right of first refusal and a purchase option can be either donated to the municipality or sold.	Keeps the opportunity open, keeps the dialogue going, inexpensive.	Money paid to the seller for the right of first refusal/option is forfeited if the city cannot or will not purchase the land at the specified time and price.
Fee Simple Acquisition	Fee simple absolute is a freehold ownership of property including the land and any improvements to the land in perpetuity. It is the highest possible ownership interest, it is alienable, devisable and descensible.	Most acquisitions of open space have historically been fee simple purchases.	Fee acquisition has the advantage of giving the city full control over the management of the properties' resources, and provides the greatest flexibility for decision making about the best ways to address visitor access, agricultural management, ecological restoration and other management issues.	Most expensive of all acquisition tools

Tool	Description	How it works	Advantages	Disadvantages
Conservation Easements	<p>The easement is either voluntarily donated or sold by the landowner and constitutes a legally binding agreement that limits certain types of uses or prevents development from taking place on the land in perpetuity while the land remains in private hands.</p> <p>Conservation easements protect land for future generations while allowing owners to retain many private property rights and to live on and use their land, at the same time potentially providing them with tax benefits.</p>	<p>In a conservation easement, a landowner voluntarily agrees to sell or donate certain rights associated with his or her property – often the right to subdivide or develop – and a private organization or public agency agrees to hold the right to enforce the landowner's promise not to exercise those rights. In essence, the rights are forfeited and no longer exist.</p> <p>An easement selectively targets only those rights necessary to protect specific conservation values, such as water quality or migration routes, and is individually tailored to meet a landowner's needs. Because the land remains in private ownership, with the remainder of the rights intact, an easement property continues to provide economic benefits for the area in the form of jobs, economic activity and property taxes.</p> <p>A conservation easement is legally binding, whether the property is sold or passed on to heirs. Because use is permanently restricted, land subject to a conservation easement may be worth less on the open market than comparable unrestricted and developable parcels. Sometimes conservation easements will enable the landowner to qualify for tax benefits in compliance with Internal Revenue Service rules.</p>	<p>Landowners can protect land in perpetuity while maintaining ownership. There are significant savings on taxes including property, income and estate taxes. Landowners are motivated to donate CEs because Colorado allows transferable tax credits for qualified donations. Currently, a CE donor can earn up to \$375,000 in state income tax credits. Under policies now in effect, these credits can be carried forward for up to 20 years and used as needed to offset state income tax payments, or sold to others.</p>	<p>Conservation easements are irrevocable and rights included are no longer an option for landowner.</p>
Trail Easements	<p>“A trail easement is a perpetual legal agreement that allows others to use someone’s land in the manner provided for within the easement. An easement can be very broad, granting access to the easement holder and the public, or it can restrict what kind of access, when and under what conditions access can be used. For instance, the easement can be for public access to an entire property, or it could be restricted to certain users on a trail of a certain width. An easement can be for hiking only, bicycling, horseback riding; whatever uses the parties agree to, limited or expanded to the extent they decide.” (Adapted from Creating Greenways: A Citizens Guide, May 2007)</p>	<p>A partial interest in a property is granted to allow entry onto another landowner’s property. Trail facilities are developed within a designated area, to allow users onto the corridor to use the trail. Negotiation between trail managers and owners usually occurs. Owners may be willing to allow access for a fee or donation of the easement.</p>	<p>Easement acquisition is usually cheaper than outright purchase of land. There are less disruptions of existing land uses.</p>	<p>Tensions can arise between entities regarding terms or covenants. Term easements can cause problems if owner does not choose to renew the easement.</p>

Tool	Description	How it works	Advantages	Disadvantages
Parkland/Trail Dedication	The voluntary transfer, or transfer as a condition of subdivision approval, of private property by its owner to the public for some public use, such as for streets or park land. Louisville requires a dedication of 12% of a developments total developable land or may require a cash payment in lieu of such land dedication, based on the current appraised value.	City requires developers and builders to dedicate park/trail lands or pay a fee that is used to acquire and develop park and trail facilities. This exaction fee is a way to offset increased demand for parks or trails created by developer/new homeowner	Cities can conserve open spaces at the pace of land development. Developers can negotiate to construct facilities saving cost to both parties.	Although courts generally uphold this type of exaction, it could result in litigation for requiring payment/land dedication.
Bargain Sale of Land	A bargain sale is "part gift and part sale." A bargain sale is a simple agreement in which a landowner sells real estate to a Charity for less than its fair market value. The difference between the fair market value and the purchase price is considered a charitable gift for which the donor will receive an income tax deduction. With a bargain sale, the seller also avoids capital gains tax on the donated portion of the property. A bargain sale can be an effective way to dispose of property that has increased greatly in value and on which the owner would otherwise owe a significant amount of capital gains tax.	An agreement is created to sell land for less than fair market value between City and landowner.	Potential tax benefits exist such as charitable donations and a reduction in capital gains tax. Sellers are often motivated to see land preserved.	Less profit for seller than selling at fair market value. Conservation value restraints may limit agency ability to purchase property.

MAYHOFFER FARM (Acquired!)

Opportunities for Preserving Open Space and Improving Trail Connectivity

Property	N&S of Empire Rd (D) (200 acres, zoned Agricultural)	
Value	HIGH	
Aspirational Goal	Fee Simple Acquisition	
Backup Strategy	Conservation Easements & Trail Easements	
Community Value:	HIGH	
	Buffer Value:	Physical & visual buffer between Louisville & Lafayette
	Potential Partners:	Boulder County & Lafayette
	Adjacent Parcels:	Aquarius (south), Harney-Lastoka (north)
	Other Notes:	Highly visible from roadways; creates agricultural "home-town" feel
Resource Value:	HIGH	
	Habitat & Vegetation:	Agricultural
	Riparian/Wetland:	Coal Creek Riparian Corridor
Property Goals:	<ul style="list-style-type: none"> > Create a grassland restoration demonstration area > Protect view shed > Provide larger contiguous acreage > Increase habitat health > Preserve Agricultural use/heritage 	
Supporting Parcels:	<ul style="list-style-type: none"> > If D is acquired, OSAB supports acquiring parcel D.1. > Acquisition of D.1 without D is not recommended. > Acquisition of D.2- D.5 without D is not recommended. 	
Owner - relationship status	<p>On 9/2017 the Mayhoffer Farm (165 acres) was acquired as a fee title ownership (with intact mineral rights) for \$8,255,789. Partners shared cost as follows: 50% BOCO; 25% Louisville; 25% Lafayette. This deal also included two CE's (Centennial House Lot and Rental House Lot).</p>	
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott

BENNETT

Opportunities for Preserving Open Space and Improving Trail Connectivity

Property	SE of HWY 42 & 96 th St.-western (N.2) (8 acres, zoned Agricultural)	
Value	HIGH	
Aspirational Goal	Fee Simple Acquisition	
Backup Strategy	Conservation Easements & Trail Easements	
Community Value:	MEDIUM	
	Buffer Value:	Hwy 42 Corridor
	Potential Partners:	Boulder County Parks & Open Space
	Adjacent Parcels:	Olson (west)
	Other Notes	
Resource Value:	HIGH	
	Habitat & Vegetation:	Coal Creek Riparian Corridor
	Riparian/Wetland:	Yes
	Other Notes:	
Property Goals:	>Preserve riparian zone	
	> Provide larger contiguous acreage with existing Open Space to the west	
	> Increase habitat health	
	> Protect biodiversity	
	> If N.2 and N.3 are both acquired consider realigning Coal Creek trail so that the trail is not adjacent to the road right-of-way and fenced in.	
Supporting Parcels:	> Assuming successful acquisition of N.2, OSAB would also support acquisition of N.1.	
	> Purchase of N.1 without N.2 is not recommended.	
Owner - relationship status	No contact has been made	
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

NEWBOLD

	Opportunities for Preserving Open Space and Improving Trail Connectivity	
Property	SE of HWY 42 & 96 th St.-eastern (N.3) (10 acres, zoned Agricultural)	
Value	HIGH	
Aspirational Goal	Fee Simple Acquisition	
Backup Strategy	Conservation Easements & Trail Easements	
Community Value:	MEDIUM	
	Buffer Value:	Hwy 42 Corridor
	Potential Partners:	Boulder County Parks & Open Space
	Adjacent Parcels:	CTC (east)
	Other Notes:	
Resource Value:	HIGH	
	Habitat & Vegetation:	Coal Creek Riparian Corridor
	Riparian/Wetland:	Yes
	Other Notes:	
Property Goals:	>Preserve riparian zone	
	> Provide larger contiguous acreage with existing Open Space to the east	
	> Increase habitat health	
	> Protect biodiversity	
	> If N.2 and N.3 are both acquired consider realigning Coal Creek trail so that the trail is not adjacent to the road right-of-way and fenced in.	
Supporting Parcels:		
	NA	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	
	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin	

PHILLIPS 66 (A.2)

Opportunities for Preserving Open Space and Improving Trail Connectivity

Property	NE section (A.2) (80 acres, zoned Planned Commercial)	
Value	HIGH	
Aspirational Goal	Fee Simple Acquisition of 30+ Acres	
Backup Strategy	Conservation Easements & Trail Easements	
Community Value:	MEDIUM	
	Buffer Value:	Buffer between Louisville and Broomfield
	Potential Partners:	Boulder County Parks & Open Space & Broomfield County
	Adjacent Parcels:	NA
	Other Notes:	
Resource Value:	MEDIUM	
	Habitat & Vegetation:	Grasslands
	Riparian/Wetland:	Small stock pond is currently on the property
	Other Notes:	
Property Goals:	>Create Buffer between Louisville and Broomfield	
	>Preserve riparian/wetland zone	
	> Expand trail connectivity	
	> Increase habitat health	
	> Protect biodiversity	
	> Protect view shed	
	> Restore native vegetation	
Supporting Parcels:	>OSAB recommends the purchase of 30+ contiguous acres on one of the three parcels (A, A.1, or A.2)	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

PHILLIPS 66 (A.1)

Opportunities for Preserving Open Space & Improving Trail Connectivity

Property	SW section (A.1) (77 acres, zoned Planned Commercial)	
Value	HIGH	
Aspirational Goal	Fee Simple Purchase of 30+ Acres	
Backup Strategy	Conservation Easements & Trail Easements	
Community Value:	MEDIUM	
	Buffer Value:	Buffer between Louisville and Broomfield
	Potential Partners:	Boulder County Parks & Open Space & Broomfield County
	Adjacent Parcels:	NA
Resource Value:	MEDIUM	
	Habitat & Vegetation:	Grasslands
	Riparian/Wetland:	None
Property Goals:		
	> Expand trail connectivity	
	> Create buffer zone	
	> Increase habitat health	
	> Protect biodiversity	
	> Protect view shed	
	> Restore native vegetation	
	>OSAB recommends a trail corridor for public access.	
Supporting Parcels:	>OSAB recommends the purchase of 30+ contiguous acres on one of the three parcels (A, A.1, or A.2)	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

PHILLIPS 66 (A)

Opportunities for Preserving Open Space & Improving Trail Connectivity		
Property	Phillips 66 - NW and SE sections (A) (228 acres, zoned Planned Commercial)	
Value	HIGH	
Aspirational Goal	Fee Simple Purchase of 30+ Acres	
Backup Strategy	Conservation Easements & Trail Easements	
Community Value:	MEDIUM	
	Buffer Value:	Buffer between Louisville and Broomfield
	Potential Partners:	Boulder County, Broomfield County
	Adjacent Parcels:	NA
Resource Value:	LOW	
	Habitat & Vegetation:	Grassland
	Riparian/Wetland:	None
	> Expand trail connectivity	
	> Create buffer zone	
	> Increase habitat health	
	> Protect biodiversity	
	> Protect view shed	
	> Restore native vegetation	
	>OSAB recommends a trail corridor for public access.	
Supporting Parcels:	>OSAB recommends the purchase of 30+ contiguous acres on one of the three parcels (A, A.1, or A.2)	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

SALAMAN

Opportunities for Preserving Open Space & Improving Trail Connectivity		
Property	W, and adjacent to, Davidson Mesa (XX) (19 acres, zoned Estate Residential)	
Value	HIGH	
Aspirational Goal	Fee Simple Purchase	
Backup Strategy	Conservation Easements	
Community Value:	MEDIUM	
	Buffer Value:	NA
	Potential Partners:	None
	Adjacent Parcels:	Davidson Mesa (east and south); City of Boulder Open Space to the south west.
	Other Notes:	
Resource Value:	LOW	
	Habitat & Vegetation	Currently in poor condition
	Other Notes:	
Property Goals:	> Provide larger contiguous acreage	
	> Increase habitat health	
	> Protect biodiversity	
	> Protect view shed	
	> Restore native vegetation	
Supporting Parcels:	NA	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

SCHREITER

Opportunities for Preserving Open Space & Improving Trail Connectivity		
Property	SE of Dillon & S. 96th St. (MM) (73 acres, zoned Agricultural)	
Value	HIGH	
Aspirational Goal	Fee Simple Purchase	
Backup Strategy	Conservation Easement	
Community Value:	MEDIUM	
	Buffer Value:	Supports southern boundary
	Potential Partners:	Boulder County Parks & Open Space
	Adjacent Parcels:	Admor (west), Trillium (east)
Resource Value:	LOW	
	Habitat & Vegetation:	Agricultural
	Riparian/Wetland:	None
	Other Notes:	Explore agricultural options
Property Goals:	>Preserve agricultural use	
	> Protect heritage (rural character)	
	> Provide larger contiguous acreage	
	> Protect view shed	
Supporting Parcels:	Rural preservation concept supported under US 287 Comp Dvlp Plan IGA and Super IGA	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

CENTENNIAL VALLEY (MIDDLE)

Opportunities for Preserving Open Space & Improving Trail Connectivity

Property	Centennial middle (WW) (20 acres, zoned Planned Commercial)	
Value	HIGH	
Aspirational Goal	Conservation Easements	
Backup Strategy	Trail Easements	
Community Value:	LOW	
	Buffer Value:	NA
	Potential Partners:	NA
	Adjacent Parcels:	Davidson Mesa (north) & powerline easement (north)
	Other Notes:	
Resource Value:	LOW	
	Habitat & Vegetation:	Grasslands
	Riparian/Wetland:	None
	Other Notes:	
Property Goals:	> Protect heritage (rural character)	
	> Expand trail connectivity to Davidson Mesa	
	> Provide larger contiguous acreage	
	> Increase habitat health	
	> Protect biodiversity	
Supporting Parcels:	> If preservation of WW occurred, OSAB would support preservation of WW.1 & WW.2 as well.	
	> Acquisition of WW.1 alone would not be recommended.	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

CENTENNIAL VALLEY (EASTERN)

Opportunities for Preserving Open Space & Improving Trail Connectivity		
Property	Centennial - Eastern (WW.2) (20 acres, zoned Planned Commercial)	
Value	HIGH	
Aspirational Goal	Conservation Easements	
Backup Strategy	Trail Easements	
Community Value:	LOW	
	Buffer Value	NA
	Potential Partners	NA
	Adjacent Parcels	Davidson Mesa (north) & powerline easement (north)
	Other Notes	
Resource Value:	LOW	
	Habitat & Vegetation	Grasslands
	Riparian/Wetland	NA
	Other Notes:	
Property Goals:	> Protect heritage (rural character)	
	> Expand trail connectivity to Davidson Mesa	
	> Provide larger contiguous acreage	
	> Increase habitat health	
	> Protect biodiversity	
Supporting Parcels:	> If preservation of WW occurred, OSAB would support preservation of WW	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

GAMES

Opportunities for Preserving Open Space & Improving Trail Connectivity

Property	Between S 96th & S. Arthur Ave.- North (C.1) <i>(5 acres, zoned Planned Commercial)</i>	
Value	HIGH	
Aspirational Goal	Fee Simple Purchase	
Backup Strategy	Trail Easements	
Community Value:	LOW	
	Buffer Value	NA
	Potential Partners	NA
	Adjacent Parcels	Warembourg (west) & existing City open space (north)
	Other Notes	Bordered by existing city land to the north
Resource Value:	LOW	
	Habitat & Vegetation:	Grasslands, stand of trees
	Riparian/Wetland:	Unknown
	Other Notes:	
Property Goals:	> Protect heritage (rural character)	
	> Protect view shed	
	> Expand trail connectivity to Coal Creek Trail	
	> Provide larger contiguous acreage	
	> Preserve existing trees for wildlife habitat.	
	> Increase habitat health	
	> Protect biodiversity	
Supporting Parcels:	>OSAB recommends preservation of contiguous acreage and potential trail connectivity from the Coal Creek Trail to Dillon road in combination with parcels C.2 and C.3.	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

COLORADO TENNIS FACILITIES

Opportunities for Preserving Open Space & Improving Trail Connectivity

Property	Between S 96th & S. Arthur Ave.- Middle (C.2) (14 acres, zoned Planned Commercial)	
Value	HIGH	
Aspirational Goal	Trail Easements	
Backup Strategy		
Community Value:	LOW	
	Buffer Value:	None
	Potential Partners:	NA
	Adjacent Parcels:	Warembourg (west)
	Other Notes	
Resource Value:	LOW	
	Habitat & Vegetation:	Grassland restoration demonstration area.
	Riparian/Wetland:	None
	Other Notes:	Maintain the rural feel at the intersection of Dillon and 96 th Street.
Property Goals:	> Protect heritage (rural character)	
	> Expand trail connectivity	
	> Provide larger contiguous acreage	
	> Increase habitat health	
	> Protect biodiversity	
Supporting Parcels:	>OSAB recommends trail connectivity from Coal Creek Trail to Dillon road in combination with parcels C.2 and C.3.	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

ARCHDIOCESE

Opportunities for Preserving Open Space & Improving Trail Connectivity

Property	Between S 96th & S. Arthur Ave.- South (C.3) <i>(33 acres, zoned Planned Commercial)</i>	
Value	HIGH	
Aspirational Goal	Trail Easements	
Backup Strategy		
Community Value:	LOW	
	Buffer Value:	NA
	Potential Partners:	NA
	Adjacent Parcels:	Warembourg (west)
	Other Notes:	
Resource Value:	LOW	
	Habitat & Vegetation:	Grassland restoration demonstration area.
	Riparian/Wetland:	NA
	Other Notes:	Maintain the rural feel at the intersection of Dillon and 96 th Street.
Property Goals:	> Protect heritage (rural character)	
	> Expand trail connectivity	
	> Provide larger contiguous acreage	
	> Increase habitat health	
	> Protect biodiversity	
Supporting Parcels:	OSAB recommends trail connectivity from Coal Creek Trail to Dillon road in combination with parcels C.2 and C.3.	
Owner - relationship status		
Vision Statement		
Date of Recommendation:	7/12/2017	OSAB Board Members: Helen Moshak, Mike Schantz, Laura Scott Denton, Linda Smith, Missy Davis, Graeme Patterson, Jim Gibb, Fiona Garvin

Open Space Advisory Board TENTATIVE* Board Items Calendar

(Updated April 1, 2019)

May 8, 2019	June 12, 2019	July 10, 2019
<p>Action Items:</p> <ul style="list-style-type: none"> Driving Tour: Opportunities for Preserving Open Space and Improving Trail Connectivity <p><u>Likely to take full meeting time</u></p> <p>Updates/Discussion from the Department:</p> <p>Updates/Discussion from the Board:</p>	<p>Action Items:</p> <ul style="list-style-type: none"> Driving Tour: Opportunities for Preserving Open Space and Improving Trail Connectivity <p><u>Likely to take full meeting time</u></p> <p>Updates/Discussion from the Department:</p> <p>Updates/Discussion from the Board:</p>	<p>Action Items:</p> <ul style="list-style-type: none"> Develop and Complete Key Indicator Surveys If Directed to do so <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> Harney Lastoka Projects Open Space Zoning Meet the Sr. Natural Resource Specialist <p>Updates/Discussion from the Board:</p>
August 14, 2019	September 11, 2019	October 9, 2019
<p>Action Items:</p> <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> Dutch Creek/Elephant Park Design and Potential Impacts to Open Space Review Department Trail Priorities & Make Recommendations <p>Updates/Discussion from the Board:</p>	<p>Action Items:</p> <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> Prescribed Fire Update <p>Updates/Discussion from the Board:</p>	<p>Action Items:</p> <p>Updates/Discussion from the Department:</p> <ul style="list-style-type: none"> Prescribed Fire Update <p>Updates/Discussion from the Board:</p>

*All items are subject to change. A final version of the agenda is posted on the web during the week prior to the OSAB meeting.