Brand 2
Acquisition
February 22, 2018
Immediately adjacent to the Brand Open Space
4 Development Rights
Looking North and West to BOCO Open Space
Looking North and North East
Non-buildable Outlot East of Ditch
Rabbit Mountain B-1
Outstanding Biodiversity Significance
Significant Agricultural Lands of Statewide and Local Importance
Volunteer Work Projects

Boulder County Parks and Open Space

Resource Management:
- Craig Sommers - Education and Outreach
- Carrie Cima - Plant Ecology
- Shane Milne - Forestry

Recreation and Facilities:
- Art Addis - Trails
- Michael Rutter - Trails
Types of projects and programs

Episodic (one-day) projects
Recreation and Facilities:
  Trails – trail building and general maintenance
  Grounds – trailheads, landscaping
  Buildings and Historical Preservation – historical preservation
Resource Management
  Wildlife – shrub lopping, caging, fencing
  Plant Ecology – seed collection, restoration
  Forestry – slash piles, fire prep
  Weeds – weed pulls
Agriculture – fencing, gleaning, ditch cleaning

On-going programs
Crew leaders – Forestry, Seed Collection, Trails
Adopt A Trail – park, ditch, stream, access road
# 2017 Tangible Result Totals

<table>
<thead>
<tr>
<th>Description</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Square Feet of trail constructed, maintained or restored</td>
<td>9,180</td>
</tr>
<tr>
<td>Feet of fence built, repaired or removed</td>
<td>1,124</td>
</tr>
<tr>
<td>Number of trees, shrubs or flowers planted/salvaged</td>
<td>8,925</td>
</tr>
<tr>
<td>Number of trees caged/protected</td>
<td>47</td>
</tr>
<tr>
<td>Acres of weeds removed</td>
<td>10</td>
</tr>
<tr>
<td>Pounds of bulk seed collected/cleaned</td>
<td>338</td>
</tr>
<tr>
<td>Number of slash piles constructed/restored</td>
<td>225</td>
</tr>
<tr>
<td>Acres of trash removed</td>
<td>11</td>
</tr>
<tr>
<td>Square ft. of buildings painted</td>
<td>100</td>
</tr>
<tr>
<td>Acres mulched</td>
<td>10</td>
</tr>
<tr>
<td>Tons of produce gleaned</td>
<td>2.5</td>
</tr>
<tr>
<td>Signs installed</td>
<td>2</td>
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</table>
Public Projects
WildWork projects are geared to the public. Members of the community register on-line.

Partner Projects
This program is intended more for groups, companies, agencies and other organizations. These groups become long-term community stewards.

Requested Projects
These projects are for groups, companies, agencies and other organizations who are not official “Partners” (but can be).
In 2017

BCPOS sponsored 126 Work Projects
Engaged 1,729 volunteers, including 341 youth
Totaling 5,661 service hours

- 48 public recruited projects
- 27 requested projects
- 51 partner projects
2017 Tangible Results – Wildlife

- Projects completed for the betterment of wildlife
  - 47 trees caged
  - 11 acres cleared of trash
  - 200 ft. of fence built
2017 Tangible Results – Trails

• 9,180 feet of new trail constructed, maintained and restored
Qualcomm working with Trails at Heil Valley Ranch
2017 Tangible Results – Forestry

- 30 slash piles restored
- 195 slash piles constructed
2017 Tangible Results – Plant Ecology

- Planted 2,750 trees, shrubs, and herbaceous plants
- 300 bulk pounds of seed collected
- 23 pounds of seed cleaned
Stay Connected to Your Community

• Boulder County Website – Get Involved

• Boulder County Parks and Open Space on Facebook

• Follow Boulder County on Twitter and YouTube
Thank you Volunteers!
Resource Management
2017 Summary

Presented to POSAC
February 22, 2018
Therese Glowacki
Resource Management Division

<table>
<thead>
<tr>
<th>41</th>
<th>Full Time Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>Seasonal Staff</td>
</tr>
<tr>
<td>6</td>
<td>Disciplines</td>
</tr>
<tr>
<td></td>
<td>• Weed Management</td>
</tr>
<tr>
<td></td>
<td>• Plant Ecology</td>
</tr>
<tr>
<td></td>
<td>• Resource Protection</td>
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<tr>
<td></td>
<td>• Wildlife</td>
</tr>
<tr>
<td></td>
<td>• Education and Outreach</td>
</tr>
<tr>
<td></td>
<td>• Forestry</td>
</tr>
</tbody>
</table>
Weeds Management: Esplanade

Milkweed before

Milkweed after
Esplanade weed treatment

Cheatgrass at Ruth Roberts Before After
Weeds Mowing

- Roadsides
- Restoration
- Buy-outs

Flood buy-out properties – 33 Rehabilitated including weed maintenance
Plant Ecology

- 33 Buy-out Properties
  - Demolished
  - Vegetation RESTORED

- 36 Volunteer Events

- 4 Volunteer programs
  - Willow Inventory Monitors
  - Seed Collection Scouts
  - Peck Native Garden Stewards
  - Caribou Weed Warriors

Vegetation Monitoring

- Grassland Restoration
- Elk Impacts at Ron Stewart Preserve
- Preble’s Habitat
South Saint Vrain Creek Restoration Aerial View
South Saint Vrain Flood Restoration
South Saint Vrain Restoration

$4 Million
NRCS – Emergency Watershed Protection
Hall 2 Quarry for material deposit
Creek Restoration Beilins-Hock

Before

After
Resource Protection

5 Resident Caretakers
4 Patrol Rangers (2 leads)
3 Seasonal Rangers
4 Deputies
1 Intern
1 Supervisor
Partnerships: Humans and best friends

Deputy Sue Cullen and Duke

Deputy Katie Tkach’s K-9 Scout
Hours Patrolled: 7592
Halloween Public Outreach Trunk or Treat Ned Elementary
Rangers and Wildlife
Wildlife
Ferrets – 2020 Vision

Efficacy. Dan Tripp, a wildlife searcher with Colorado Parks & Wildlife, says, “So far, we’ve encountered a high level of lung disease in ferrets that we’ve vaccinated. We believe the vaccine will be effective in keeping ferrets healthy and reducing the spread of plague in the state.”

The project will continue for another two years and is a collaborative effort among more than 30 federal, state and tribal agencies as well as nongovernmental organizations.

“We want to be able to prevent plague in our backyard,” Tripp said. “We believe it will help.”
Prairie Dog Relocation
Wildlife Research

20 Wildlife Research Projects
POS small grant funded
Non-funded
Graduate Students
School Wildlife Projects

Bees, bats, butterflies, beaver, dragonflies, elk, Preble’s Meadow Jumping . . . . . . .
• 5000 photos
• 1000 already done
https://www.zooniverse.org/projects/bouldercounty/critter-snap/classify
Wildlife and Education & Outreach

Longs Peak Middle School
  Camera at POS, RSP
Altona Middle School
  Camera at St. Vrain/75th St bridge
Jamestown Elementary
  Camera near school
Alexander Dawson
  Water quality monitoring
  Boulder Creek
Education and Outreach

- **11,629** Participants in Programs
  - 6% Increase

- Volunteers
  - 119 Cultural History
  - 109 Natural History
Cultural History

- Museums – 19,720 Visitors
- Ned Mining Museum
  - 38% increase
- Agricultural Heritage Center
  - 20% increase
Outreach at our Trailheads

- 50 Trailhead Displays
- 14 on Elk Management
- All Major Properties
  - Heil Valley Ranch
  - Walker Ranch
  - Ron Stewart Preserve
  - Betasso Preserve
  - Hall Ranch
Forestry

Ron Stewart Preserve RX burn

- 185 acres burned (7 units)
- 4 days of ignitions
- 1st entry project
- 21 Operational shifts
- Staff
  - 8 BCPOS
  - 6 BC Sheriff’s Office

- Canyon City Inmate Crew
- Many local FPDs
Pyrite Forestry Work Completed

35 Acres
October – December

$172,000
Good Neighbor
Defensible Space Grant Completed $680,000

Betasso Preserve Before

Betasso Preserve After

98 structures
Contractor

Youth Corps

15 properties
In-House
Questions?