

## 2023 Natural Resources in Review Snap-shot

### Wildfire Restoration

- Installed 132 straw wattles for a total of 3,300 feet at 3 separate sites
- B Faller Certification class—around 40 large diameter trees cut down
- Planted 480 trees (Lodgepole pine, Ponderosa pine, Douglas Fir, CO Blue Spruce)
- Planted 171 shrubs (Chokecherries, Wax Currant)
- Inoculated oyster mushrooms in the straw bale check dams at Bluebird drainage and Zuni Bowl
- Invasive Plant Control
  - Sprayed 13.017 acres for Canadian Thistle, Musk Thistle, and Orange Hawkweed
  - Hand pulled 3 acres of Leafy Spurge
  - Hand pulled 28 acres of Musk Thistle, Mullein, Cheat Grass, Prickly Lettuce
    - 6,795 gallons of weeds were pulled during this effort
  - Grand total of 44.02 acres treated thru chemical spraying and hand pulling

### Forest Health Mitigation

- Two S212 Fire Saws classes—mitigation efforts: main road around gate, Disco trail bridge area, West A-Frame (see note below), Outpost lower section
- Masticated slash piles along Disco trail, near lodge, A-frame tipi area/meadows/fire pit area, Outpost project area, Outpost gate area, and old CR 87 piles
- Completed 7 acres around Outpost Camp (all trees cut, logs out, slash masticated/burned)
- Completed 5 acres of treatment at West A-Frame project (17 acres left)
- Completed 13 acres of tree cutting at Disco trail
  - Completed 50% of slash treatment (burned/masticated) on that acreage
    - Burned 25 slash piles and masticated the rest of that 50%
  - Completed 75% of removal of logs/rounds of that acreage
    - Hauled 27 loads of rounds to barn

### Trails

- Cougar Run Trail is half constructed – 0.27 miles
- Upper Pond Trail is completed (except for a construction of a half-moon bridge) -482 feet
- Master plan created for new trail additions

### Volunteers

- Grand total of 3,954.5 volunteer hours
- Volunteer worth of \$124,448.76
- 869 people volunteered
  - 355 were youth, 537 were adults

### Greenhouse

- Grew 643.19 pounds of food (this does not include grazing amounts)
- Soil Health Scores
  - Inside raised beds-18.65 (good for most soils)
  - Outside bed-18.65 (good for most soils)

## **Firewood Sales**

- Sold 36 cords of wood for a total of \$10,020

## **Grants**

- 2022 funds received late: Conservation Stewardship Program thru NRCS \$2362
  - 30 acres of invasive plant management and 5 acres of rangeland plantings
- 2023 funds: Conservation Stewardship Program thru NRCS \$2860
  - 30 acres of invasive plant management and 5 acres of rangeland plantings
- The Watershed Center \$4995.25
  - Partnership in creating watershed and fire curriculum
- Wilderness Restoration Volunteers \$5000
  - Calwood Fire recovery efforts tools and materials
- Wilderness Restoration Volunteers \$2600
  - Calwood Fire recovery efforts—my time with volunteer groups
- The Watershed Center—did not see invoice total
  - Spray 11.517 acres of Canadian and Musk Thistle in the burn footprint

## **Meetings, Coalitions, and Trainings**

- YES Coalition (Youth Engaged in Environmental Stewardship)
- Boulder County Fireshed Quarterly Meetings
- Boulder County Parks and Open Space Tree Cone Collection Trainings and Collaborations
- The Watershed Center Collaborative Annual Meeting
- CAEE Natural Resources Careers Summit
- Colorado Wildfire Conference
- Community Wildfire Best Practices Short Course

## **Awards**

- Volunteers for Outdoor Colorado Partner Organization of the Year

## **Partnerships and Networking Groups**

- YES Coalition, CEMEX, CAEE Green Pathways, The Citizen Soil Health Project, Flatirons Farmers Coalition, The Watershed Center, St. Vrain Forest Health Partnerships, Northern Colorado Fireshed Collaborative, Boulder County Fireshed, Boulder County Parks and Open Spaces, The Nature Conservancy: Colorado, Colorado Parks and Wildlife, Pheasants Forever-Northern CO Chapter, Wilderness Restoration Volunteers, Longmont and Boulder Valley Conservation Districts, Volunteers for Outdoors Colorado, Kay-Linn Enterprises, CO State Forest Service-Boulder Field Office, Colorado Forest Restoration Institute, NRCS, Left-Hand Fire District, Cottonwood Institute, YMCA of Northern Colorado, Society of American Foresters, CAEE, Colorado Weed Mng Association, One Canopy