

Sustainable Broomfield Project

Resource Conservation Workgroup

Report Out

December 10, 2009

Mini-Vision

TO BE DEVELOPED (TBD)

Goals

Goal 1: Protect the environment through the preservation of wildlife, reduction of waste, conservation of water and enhancement of land, water and air quality.

Goal ES-G

- ES-G: Resource Conservation; Protect the environment through the preservation of wildlife, reduction of waste, conservation of water and enhancement of land, water and air quality.
- Rationale: TBD

Goal ES-G

Policy ES-G.1: Use sustainable standards, policies and practices that encourage and support the protection of wildlife

- **Action Step ES-G.1.1 (Previously ES-B.2.3):** Whenever possible, humanely relocate wildlife during the development of property. When relocation is not an option, then euthanasia must be done humanely.

Guidance: Expand 2003 Prairie Dog Policy to be consistent with this action step.

- **Action Step ES-G.1.2 (Previously ES-B.2.8):** Revise the Municipal Code to establish requirements for a Wildlife/Environmental Analysis and methods to mitigate wildlife impacts for proposed development projects.

- **Action Step ES-G.1.3 (Previously ES-C.2.4):** Implement the OSPRT Master Plan's baseline management plan for each significant open space property to assess the quality of vegetation, wetlands, wildlife habitat and waterways for potential enhancement and restoration. Implement the resulting action plans in order, starting with the greatest value.

Guidance: Limit human access to open space that is rich with wildlife needing protection.

Provide community education on wildlife coexistence.

Enforce animal leash laws in open space.

Provide adequate staff to maintain infrastructure on open space property.

Goal ES-G

Policy ES-G.2: Use sustainable standards, policies and practices that encourage and support the reduction of waste.

- **Action Step ES-G.2.1 (Previously ES-A.2.3):** Maintain and strengthen household hazardous waste pickup programs in Broomfield. Ensure that the program expands as households in Broomfield grow.
- **Action Step ES-G.2.2 (Previously ES-A.3.1):** Pursue Require recycling programs with all licensed trash haulers in Broomfield as a service option to all single family, multi-family residents and businesses.
- **Action Step ES-G.2.3 (Previously ES-A.3.2):** Improve operations of the Broomfield Recycling Center. Investigate the option for City management of the center, rather than EcoCycle. Ensure that the Broomfield Recycling Center continues to be operational until curbside recycling and recycling at multi-family complexes and business makes the Center obsolete. Ensure that the Center's capacity grows proportionate to Broomfield's population and business community.
Guidance: Maintain Center functions that are not replaced by curbside programs.
- **Action Step ES-G.2.4 (Previously ES-A.3.3):** Periodically review the Broomfield Recycling Ordinance for new development projects (Chapter 17-34-060 Broomfield Municipal Code) to determine its effectiveness in encouraging increased recycling efforts, and institute necessary changes to strengthen its effectiveness.

Goal ES-G

Policy ES-G.2 (Continued)

- **Action Step ES-G.2.5** Require stores, shops, restaurants and grocery stores to provide only recyclable paper bags, reusable bags or compostable bags as checkout bags to customers. Guidance: Require that recyclable paper bags used as checkout bags contain a minimum post consumer content.
- **Action Step ES-G.2.6** At all City sponsored events, require disposable food ware to be either compostable or recyclable.
- **Action Step ES-G.2.7** Require licensed trash haulers to establish a unit priced structure known as " Pay-As-You-Throw" (PAYT), to encourage the reduction of waste and increase the amount of material recycled. Require all licensed trash haulers to provide unlimited collection of recyclables included in their rate for residential trash collection.
- **Action Step ES-G.2.8** Implement a waste reduction program which includes data collection for establishing a baseline for waste collected in Broomfield and a 25% reduction in waste generated in Broomfield.

Goal ES-G

Policy ES-G.3: Use sustainable standards, policies and practices that encourage and support water conservation.

- **Action Step ES-G.3.1 (Previously ES-A.2.2):** Encourage water conservation and energy efficiency through program(s) that encourage and/or reward citizens to use water- and energy-efficient appliances, windows, etc.
- **Action Step ES-G.3.2 (Previously ES-B.1.1):** Develop landscaping standards for developments that encourage the use of drought-tolerant native plant material and irrigation practices that minimize wasting water. Strengthen current landscaping standards for new developments to further minimize water usage.
- **Action Step ES-G.3.2.a (Previously ES-C.3.1):** Consider landscaping policies that require use of native drought-tolerant plant materials in appropriate locations.
- **Action Step ES-G.3.3 (Previously ES-B.1.4):** Prepare and consider developing Develop programs “green building” standards that encourage low water usage and energy-efficiency. efficient “green building” practices.
- **Action Step ES-G.3.4 (Previously ES-B.1.6):** Encourage proposed developments to utilize Broomfield’s reuse water system whenever possible.
- **Action Step ES-G.3.5 (Previously ES-C.3.2):** Continue to review and develop water conservation practices for residents and businesses that are implemented either on a voluntary or a mandatory basis, depending on regional water supply and drought conditions.

Goal ES-G

Policy ES-G.3 (Continued)

- **Action Step ES-G.3.6 (Previously ES-C.3.3):** Establish minimum water conservation standards for both public and private landscape and irrigation systems.
- **Action Step ES-G.3.7 (Previously Policy ES-D.6):** Coordinate with surrounding communities and the region to conserve water.
- **Action Step ES-G.3.8** Restrict turf in all new housing developments to no more than 40% of the lot's landscaped area.
- **Action Step ES-G.3.9** Revise the municipal code to require the use of Class 1 compost in landscaped areas of commercial properties, homeowner association common areas, and all other landscaped areas. Amendments must be tilled into the soil to a depth of 6 inches.
- **Action Step ES-G.3.10** Establish a tiered water use rate structure for residential properties to encourage water conservation.
- **Action Step ES-G.3.11** Allow the use of short prairie grass as an alternative to traditional turf.
- **Action Step ES-G.3.12** To promote water conservation, consider installing sidewalks on residential streets next to the street rather than set back

Goal ES-G Policies Being Developed

- **Policy ES-G.4: Use sustainable standards, policies and practices that encourage and support the enhancement of land quality.**
- **Policy ES-G.5: Use sustainable standards, policies and practices that encourage and support the enhancement of water quality.**
- **Policy ES-G.6: Use sustainable standards, policies and practices that encourage and support the enhancement of air quality.**