



Boulder Valley Conservation District

3-Year Plan (2013 to 2015)

Executive Summary

For More Information Contact: Nancy McIntyre, (303) 776-4034 x3,

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Organization of the Boulder Valley Conservation District

A political subdivision of the State of Colorado – authorities, powers and structure contained in Colorado Revised Statutes, Title 35, Article 70.

- **District History:** The Boulder Valley Conservation District was established by a referendum and the certificate of organization was issued by the Colorado Secretary of the State on June 12, 1945. Lands within any towns and cities on that date were excluded from the District boundaries.

The District is located in Boulder, Adams, Broomfield, Gilpin and Weld Counties. The original District contained 97,280 acres. Due to fifteen additions and transfers involving 21,591 acres, the total acres in the District at this time is 118,871.

In May 1973 the Boulder office of the Soil Conservation Service was closed and the Boulder Valley Soil Conservation District Business Office was combined with the Longmont Soil Conservation District office. In 2002 the word “Soil” was dropped from the name to more accurately reflect the concerns of the Districts as all natural resources.

A Board of Supervisors composed of five landowners governs the District. Members of the Board are elected at a public election held on the first Tuesday of May on even-numbered years. Terms of office are four years with two Supervisors being elected in one year and three being elected at the next election two years later.

A successful special election was held in October 2003 to remove term limits for the Supervisors of the Boulder Valley Conservation District.

Function of the Boulder Valley Conservation District

- To make available technical, financial and educational resources, whatever their source, and focus or coordinate them so that they meet the needs of the local land manager with conservation of soil, water and related natural resources.

Mission of the Boulder Valley Conservation District

- *The Boulder Valley Conservation District will develop and implement a cooperative program for the conservation and sustainability of the natural resources within the District boundaries.*

Trends Impacting Conservation in the Boulder Valley Conservation District

- *The increase in population of Boulder County has slowed to only 1.6% from 2010 to 2011; this has slowed the flurry of housing subdivisions and businesses. Some of the developed subdivision and businesses are built on what used to be dryland agricultural acres. The lawns, golf courses and shopping centers in the subdivisions require water and create potential increased runoff.*
- *An increase in demand for organic or locally grown food has challenged cooperation between small acreage vegetable producers and the more conventional agriculture producers in the District.*
- *The Boulder County Open Space Department has updated their policy on prairie dog habitat on the open space properties. Adjoining land owners are concerned about the movement of the prairie dogs to new areas and the cost of controlling the increased population.*
- *The forest fires that have burned in Boulder County have decreased the tree canopy on a portion of the watershed that stores snow pack for irrigation water. This raises concerns regarding increased catastrophic flooding, more difficult revegetation establishment, loss of topsoil, and decreased water quality.*

Natural Resource Data:

- *The Boulder Valley Conservation District covers a diverse area of terrain from the flatlands of the eastern part of Boulder County to the foothills and mountains to the Continental Divide in the western part.*
 - *Ag Land – There are 14,250 acres of irrigated and non-irrigated cropland and 5,271 acres of pasture and rangeland in the District. The median size farm in Boulder County is 30 acres. There are about 324 total farms in Boulder County.*
 - *Open Space – There are 47,295 acres of open space property owned by the City of Boulder, Boulder County and other municipalities. This presents a challenge for those acres that have conservation easements that allow agricultural production because of the variety of management styles by the various governmental entities.*
 - *Forest – There are many small acreage parcels that are privately owned amidst the US Forest Service and the Colorado State Forest Service lands. Much of the publicly owned lands have not had aggressive management for many years, so the pine beetle and several fires have taken a toll on the trees and grasses in all areas.*
 - *Industry – Boulder County has one of the nations' largest concentrations of research laboratories and high-tech industry facilities. IBM, Sun Microsystems and the National Oceanic and Atmospheric Administration are just a few of those facilities. The personnel that these organizations employ have brought a growth in population and an increase in small acreage ownership.*
 - *Organic Food Production – The area has become a large market for the locally grown vegetables. The Farmers' Markets in Boulder, Lafayette, Louisville and other municipalities provide opportunities for area producers to sell their products to the public.*
 - *Water – North and South Boulder Creek, Coal Creek and Rock Creek supply water for irrigation and drinking to the thirsty Boulder Valley District. Water also comes from the Western Slope, via the Big Thompson/Windy Gap project; through the Boulder Feeder canal and is ultimately stored in Boulder Reservoir. Demand for domestic use of water has increased because of the increase in population and industry. Water quality is affected by runoff from subdivisions, golf courses and increased areas of pavement.*

Natural Resource Priorities & Goals:

- *Water Quality and Quantity*

Goals: (1) Work with 5 municipalities to control storm water runoff that is currently routed to irrigation ditches on agricultural lands.(2) Provide an educational tour for 150 people on water delivery systems along the Front Range.

Objective 1. Identify 5 municipalities to discuss storm water runoff and their current plan for diversion. Work with those municipalities to establish the best management practices for storm water runoff diversion.

Objective 2. Sponsor an educational water tour to demonstrate to the public how irrigation delivery systems operate and why they are so important.

Objective 3. Provide education on water quality by hosting informational workshops that show the benefit of reduced tillage and proper irrigation systems.
- *Land Use*

Goals: (1) Be involved in the Boulder County Open Space land use plan to keep agriculture in Boulder County viable. (2) Offer conservation education to 50 people of the general public on the importance of agriculture. (3) Meet with three city councils to provide information on agriculture issues. (4) Provide the opportunity to purchase seedling trees for rehabilitation and erosion control to 200 landowners.

Objective 1. Meet with the County Commissioners and city councils to discuss important agriculture issues and land use plans.

Objective 2. Sponsor a forum for organic and conventional producers to discuss common concerns and to establish mutual support.

Objective 3. Provide landowners the opportunity to purchase seedling trees at low-cost for erosion control and forest land rehabilitation.

○ *Integrated Pest Management (Noxious Weeds & Prairie Dog Issues)*

Goals: (1) Eradicate Mediterranean Sage from the 750 acres of land that has the noxious weed in the District. (2) Work with 3 Irrigation ditch companies to control the Eurasian Milfoil that is in their waterways. (3) Educate 150 of the general public on prairie dog issues related to farming and agriculture.

Objective 1. Write a grant application and hire a summer field coordinator to reach the goal of eradication of Mediterranean Sage in Boulder County by 2015.

Objective 2. Work with three irrigation ditch companies to remove milfoil from their delivery systems to keep it from spreading to other waterways.

Objective 3. Educate 150 of the public on the devastation of production agriculture land by increased prairie dog population.

Objective 4. Work with 5 municipal weed managers to understand their integrated pest management plans and determine how we can serve them.

○ *Forest Health and Watershed Management*

Goals: Work with forest management agencies to provide education to 20 landowners on the importance of tree removal and proper management of their forested acreage.

Objective 1. Sponsor a forestry fair to demonstrate larger equipment used on management plans.

Objective 2. Work with forest service agencies on the education of reforestation on burned properties.

○ *Conservation & Ag Education*

Goals: (1) Provide agriculture education to 3000 youth on the importance of local agriculture to their everyday lives. (2) Provide timely information to small acreage landowners and the general public to help them understand the vital importance of agriculture in Boulder County.

Objective 1. Expand the From Our Lands to Your Hands agriculture expo to 3000 youth in the St. Vrain Valley and Boulder Valley School Districts.

Objective 2. Provide an agriculture tour for the Boulder County Commissioners to provide them information on conservation practices on land in their county.

Objective 3. Provide information to attendees at the Boulder County Fair on conservation and provide scholarships to youth and educators.

Natural Resource Information /Education Priorities and Goals:

- *Goal: To provide education to youth and adults on the importance of agriculture in their daily lives and why it is of such vital importance in Boulder County.*
- *Objective 1. Provide a \$500 college scholarship to a high school senior who will be continuing their education in an agricultural field.*

- *Objective 2. Provide one scholarship each year to a youth to attend Camp Rocky for conservation education.*
- *Objective 3. Provide one scholarship each year to an educator to attend the Colorado Foundation for Agriculture “Summer Institute” which provides excellent agricultural education for those teachers who are not familiar with agriculture.*
- *Objective 4. Provide the “Colorado Reader” from the Colorado Foundation for Agriculture to one classroom yearly.*
- *Objective 5. Exhibit an information booth at the Boulder County Fair to provide education on conservation issues such as soil erosion, water conservation or noxious weeds.*
- *Objective 6. Provide incentive for youth to participate in a natural resources 4H class by sponsoring an award for that class.*
- *Objective 7. Encourage participation in an agricultural project by purchasing an animal from the Boulder County Fair Livestock sale.*

Staffing Needs:

- *The Boulder Valley Conservation District shares a District Manager with the Longmont Conservation District. They also employ a District Conservation Technician with the Longmont Conservation District to provide technical assistance to area landowners. A summer employee to coordinate the noxious weed program is in combination with the Longmont Conservation District. The education program for youth has increased significantly and may at some point in time need an additional staff person to continue to growth. We have developed a very large group of great volunteers who are involved in the education program.*

Conservation District Operational Goals & Objectives:

Goal: The Boulder Valley Conservation District will continue to provide opportunities for Supervisors and staff to fulfill their duties and to effectively accomplish our mission.

- *Objective 1. All Supervisors and staff will complete the training offered by the Colorado State Conservation Board for Supervisor certification.*
 - *Objective 2. Encourage participation by two Supervisors in the Upper South Platte Watershed meetings.*
 - *Objective 3. Encourage participation by two Supervisors to attend the Colorado Association of Conservation District’s Annual meeting each year.*
 - *Objective 4. Encourage participation by one Supervisor to attend a NACD Regional meeting.*
 - *Objective 5. Encourage a small acreage or specialty crop producer to attend meetings and be an Associate Supervisor.*
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BOULDER VALLEY CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for: 2013 – 2015

Natural Resource Issue: Water Quantity and Quality

Why is this issue a concern and what is the location: The lack of water storage in the Boulder Creek and Coal Creek drainages provide challenges for crop production. Increased population throughout the area has further stressed water resources. The quality of the water is a concern with increased municipal storm water overflow and charred forest runoff. These concerns are throughout the plains and mountain areas of the Conservation District.

Three Year Goal(s): Work with 5 municipalities to control storm water overflow that is currently routed to irrigation ditches on agricultural lands. Provide an educational tour for 150 people on water delivery systems along the Front Range.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|------------------------------|--|---|-------------------------|---|
| 2013 1 st Year | <ul style="list-style-type: none"> A. Support a water tour to provide information for the general public on water delivery systems. B. Sponsor a conservation reduced tillage workshop to discuss the importance of soil moisture retention. C. Develop an informational guide for small acreage landowners on water law. D. Provide a workshop on new or improved irrigation and micro irrigation systems. E. Identify five municipalities to discuss storm water overflow and their current plan for diversion. | F.A.I.R., Boulder Cty Open Space, equipment dealers, private landowners, irrigation companies, local municipalities, Longmont Conservation District, NRCS | 500 hours \$7,000 | F.A.I.R., Boulder Cty Open Space, local municipalities, irrigation ditch companies, equipment dealers |
| 2014 2 nd Year | <ul style="list-style-type: none"> A. Provide a workshop on drought resistant crops that can be used in water short years. B. Create a fact sheet for landowners on the easements of ditch companies and their right to use that easement. C. Meet with 5 municipal departments to discuss storm water overflow issues and their diversion plans. D. Support a water tour to provide information for the general public on water delivery systems. E. Develop a workshop for planting of cover crops to conserve soil moisture for summer fallow and vegetable production acreages. | F.A.I.R., Boulder Cty Open Space, equipment dealers, private landowners, irrigation companies, local municipalities, Longmont Conservation District, NRCS | 500 hours \$6,500 | F.A.I.R., Boulder Cty Open Space, local municipalities, irrigation ditch companies, equipment dealers |

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|---|--|--|------------------------------|--|
| <p style="text-align: center;">2015 3rd Year</p> | <p>A. Work with the 5 municipal departments to implement best management practices for storm water overflow.</p> <p>B. Launch workshop for planting of cover crops to conserve soil moisture for summer fallow and vegetable production acreages.</p> <p>C. Support a water tour to provide information for the general public on water delivery systems.</p> <p>D. Support increased water storage facilities for a reserve for water short years.</p> <p>E. Provide a workshop on new or improved irrigation systems and micro irrigation systems.</p> | <p>F.A.I.R., Boulder Cty Open Space, equipment dealers, private landowners, irrigation companies, local municipalities, Longmont Conservation District, NRCS</p> | <p>550 hours \$7,500</p> | <p>F.A.I.R., Boulder Cty Open Space, local municipalities, irrigation ditch companies, equipment dealers</p> |
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BOULDER VALLEY CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for: 2013 – 2015

Natural Resource Issue: Land Use

Why is this issue a concern and what is the location: Public perception of the added value of locally grown food has increased. The future of farming in the District lies in the cooperation of vegetable producers and conventional producers working side by side on commonly owned open space property. Open space policies on management of the agricultural lands in varied in different jurisdictions. Our District has an opportunity to facilitate the evolution of growing and changing marketing strategies for all producers. Education opportunities are unlimited as the general public does not understand agriculture and the need for the continuation of agriculture in Boulder County. Planting seedling trees for windbreaks and reforestation is an important conservation practice for erosion control. These concerns are throughout the District.

Three Year Goal(s): Be involved in the Boulder County Open Space land use plan to keep agriculture in Boulder County viable. Offer conservation education to 50 people of the general public on the importance of agriculture. Meet with three city councils to provide information on agriculture issues. Provide the opportunity to purchase seedling trees for rehabilitation and erosion control to 200 landowners.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|------------------------------|--|--|-------------------------|--|
| 2013 1 st Year | <ul style="list-style-type: none"> A. Meet with the Boulder and Weld County Commissioners to discuss agriculture issues. B. Partner with local organizations to provide information on locally grown food and the significance of conventional agriculture for general public. C. Continue seedling tree sale and provide planning and planting workshops for maximum windbreak efforts. D. Provide an agriculture tour for a city council so they understand agricultural issues and why their decisions are so critical. E. Sponsor a forum for organic and conventional producers to discuss common concerns and to establish mutual support. F. Employ a District Conservation Technician to provide technical assistance to landowners in the District. G. Review and comment on PUDs and other development. | Boulder Cty Commissioners, Weld County Commissioners, CSFS, Boulder City Council, Louisville City Council, CSU Extension, organic producers, F.A.I.R., Longmont Conservation District, NRCS | 650 hours \$3,000 | Direct Assistance, Tree Sales, CSU Extension, State Conservation Board, NRCS |

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| <p>2014 2nd Year</p> | <p>A. Provide planning and planting workshop to landowners who purchase seedling trees so their efforts will be maximized.</p> <p>B. Meet with Boulder and Weld County Commissioners to discuss agriculture issues.</p> <p>C. Pilot an Ag 101 class for beginning farmers and landowners to provide basic knowledge regarding soil and water conservation.</p> <p>D. Sponsor a forum for conventional producers and organic producers to discuss common concerns and to establish mutual support.</p> <p>E. Create a fact sheet on lawn irrigation and fertilizer/pesticide application for distribution to Home Owner Associations.</p> <p>F. Employ a District Conservation Technician to provide technical assistance to landowners in the District.</p> <p>G. Review and comment on PUDs and other development.</p> | <p>Boulder Cty Commissioners, Weld County Commissioners, CSFS, Boulder City Council, Louisville City Council, CSU Extension, organic producers, F.A.I.R., Longmont Conservation District, NRCS</p> | <p>650 hours \$3,000</p> | <p>Direct Assistance, Tree Sales, CSU Extension, State Conservation Board, NRCS</p> |
| <p>2015 3rd Year</p> | <p>A. Launch an Ag 101 class for the general public to provide basic knowledge of agricultural production.</p> <p>B. Increase seedling tree sale and provide planning and planting workshop so landowner efforts will be maximized.</p> <p>C. Employ a District Conservation Technician to provide technical assistance to landowners in the District.</p> <p>D. Meet with Boulder County and Weld County Commissioners to discuss agriculture issues.</p> <p>E. Sponsor a forum for conventional and organic producers to establish mutual support and on common concerns.</p> <p>F. Review and comment on PUDs and other development.</p> | <p>Boulder Cty Commissioners, Weld County Commissioners, CSFS, Boulder City Council, Louisville City Council, CSU Extension, organic producers, F.A.I.R., Longmont Conservation District, NRCS</p> | <p>650 hours \$3,000</p> | <p>Direct Assistance, Tree Sales, CSU Extension, State Conservation Board, NRCS</p> |

BOULDER VALLEY CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for: 2013 – 2015

Natural Resource Issue: Integrated Pest Management (Noxious Weeds & Prairie Dog Issues)

Why is this issue a concern and what is the location: Invasions of noxious weeds cause the reduction in productivity of the land. The prairie dog population in Boulder County continues to explode and has caused conservation issues such as soil erosion and increase in noxious weeds. The cost for agriculture producers to rid their land of noxious weeds and prairie dogs is increasing. This concern is throughout the District.

Three Year Goal(s): Eradicate Mediterranean Sage from the 750 acres of land that has the noxious weed in the District. Work with 3 irrigation ditch companies to control the Eurasian Milfoil that is in their waterways. Educate 150 of the general public on prairie dog issues related to farming and agriculture.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|------------------------------|---|---|-------------------------|---|
| 2013 1 st Year | <ul style="list-style-type: none"> A. Write grant application for funds to continue work on Med Sage eradication project. B. Hire a summer field coordinator to rid 200 acres of Med Sage. C. Identify the 3 ditch companies that have milfoil in their waterway. D. Compile a distribution map of prairie dogs in the District. E. Present a workshop on prairie dog management and revegetation options. F. Meet with 5 local municipality weed managers to discuss the update of their integrated pest management plans. | CO Dept of Ag Weed Division, Boulder County Open Space, City of Boulder Open Space, ditch companies, local municipalities, Longmont Conservation District, NRCS | 350 hours \$10,500 | CO Dept of Ag Weed Division, Boulder County Parks & Open Space, Direct Assistance |
| 2014 2 nd Year | <ul style="list-style-type: none"> A. Resume Med Sage eradication efforts on the next 200 acres with the noxious weed. B. Work with the 3 identified ditch companies to determine the best practice to remove the Eurasian milfoil from their waterways. C. Meet with 5 local municipality weed managers to discuss their integrated pest management plans. D. Write a newsletter article about the Drift Watch list. E. Write a news article of how prairie dogs affect the local landscape. | CO Dept of Ag Weed Division, Boulder County Open Space, City of Boulder Open Space, ditch companies, local municipalities, Longmont CD, NRCS | 360 hours \$10,500 | CO Dept of Ag Weed Division, Boulder County Parks & Open Space, Direct Assistance |

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|---|--|--|-------------------------------|--|
| <p>2015 3rd Year</p> | <p>A. Meet with local municipality weed managers to discuss their integrated pest management plans. B. Complete Med Sage eradication efforts on the final 350 acres of infested land. C. Write a news article on how prairie dogs affect agriculture property and the resulted production loss. D. Write a proposal for a group project to address the identified Eurasian milfoil waterways.</p> | <p>CO Dept of Ag Weed Division, Boulder County Open Space, ditch companies, local municipalities, Longmont Conservation District, NRCS</p> | <p>350 hours \$10,500</p> | <p>CO Dept of Ag Weed Division, Boulder County Parks & Open Space, Direct Assistance</p> |
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BOULDER VALLEY CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for: 2013 – 2015

Natural Resource Issue: Forest Health and Watershed Management

Why is this issue a concern and what is the location: The pine beetle and mistletoe infestation of the forests in the District has increased because of lack of proper management and drought conditions. Fires will continue to be widespread during drought years and will consume more acreage. Rehabilitation and erosion control on burned acres continue to be of vital importance. This will affect the entire watershed.

Three Year Goal(s): Work with forest management agencies to provide education to 20 landowners on the importance of tree removal and proper management of their forested acreage.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|------------------------------|---|--|-------------------------|---|
| 2013 1 st Year | <ul style="list-style-type: none"> A. Create a slash disposal resource list and provide it to landowners with management plans. B. Sponsor a forestry fair to show landowners the equipment that is available for use on management of multiple acres. C. Meet with 4 fire districts to find status of rehabilitation and identify needs within their districts. | CSFS, Boulder County Open Space Forestry Division, NRCS, CSU Extension, Larimer County | 150 Hours \$250 | Direct Assistance, CSFS, Boulder Cty Open Space Forestry Division |
| 2014 2 nd Year | <ul style="list-style-type: none"> A. Partner with CalWood Education Center to demonstrate to EQIP forestry participants best management practices. B. Work with the forest service agencies on education of reforestation on burned properties. C. Write an article for the newsletter on best management practices in forested acres. | CalWood Education Center, NRCS, CSFS, Longmont Conservation District | 200 Hours \$1,500 | CalWood Education Center, CSFS, Direct Assistance |
| 2015 3 rd Year | <ul style="list-style-type: none"> A. Discuss the possibility of a targeted proposal with 5 landowners to do patchwork cutting. B. Write an article for the newsletter on best management practices in forested acres. C. Monitor the impact of the forest fires on water storage and create an information sheet for distribution to the public. | NRCS, CSFS, Longmont Conservation District | 250 Hours \$1,500 | NRCS, Direct Assistance |

BOULDER VALLEY CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for: 2013 – 2015

Natural Resource Issue: Conservation & Ag Education

Why is this issue a concern and what is the location: The urban youth of today are far removed from the experience of living on a farm. Education of where their food comes from and why agriculture is an important part of their lives is of vital importance. The new subdivisions and small acreages have produced new landowners who could benefit from understanding agriculture and its role in the community. This issue is a concern throughout the District.

Three Year Goal(s): Provide agriculture education to 3,000 youth on the importance of local agriculture to their everyday lives. Provide timely information to small acreage landowners and the general public to help them understand the vital importance of agriculture in Boulder County.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|-------------------------------------|---|---|-------------------------|--|
| 2013 1st Year | A. Expand From Our Lands to Your Hands agriculture expo for youth to 1000 students in Boulder and Longmont B. Provide education for teachers and youth through college and workshop scholarships, county fair awards, and other available programs. C. Publish quarterly newsletter with timely, informative articles on conservation. D. Provide conservation education in classrooms to 150 students. E. Provide an educational booth at the Boulder County Fair. F. Provide an agriculture tour for Boulder County Commissioners. | Longmont CD, NRCS, FSA, Boulder Cty Open Space, various ag organizations, Boulder Valley and St. Vrain Valley School Districts, Boulder County Fair, Boulder County Commissioners | 1000 hours \$10,000 | Boulder County Commissioners, Sponsors, ag organizations, Direct Assistance, |
| 2014 2nd Year | A. Provide education for teachers and youth through college and workshop scholarships, county fair awards, and other available programs. B. Provide agriculture education to 1200 students through From Our Lands to Your Hands for youth in Boulder and Longmont. C. Work with Boulder Valley Schools Sustainability Coordinator to provide classroom education on conservation practices. | Longmont CD, NRCS, FSA, Boulder Cty Open Space, various ag organizations, Boulder Valley and St. Vrain Valley School Districts, Boulder County Fair, Boulder | 1000 hours \$10,000 | Boulder County Commissioners, Sponsors, ag organizations, Direct Assistance |

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| | <p>D. Provide an agricultural tour for Boulder County Commissioners.</p> <p>E. Increase readership of quarterly newsletter to provide timely, informative articles on conservation.</p> <p>F. Provide an educational booth at the Boulder County Fair.</p> | County Commissioners | | |
| <p>2015 3rd Year</p> | <p>A. Provide agriculture education through From Our Lands to Your Hands for 1200 youth in Boulder and Longmont.</p> <p>B. Support education for teachers and youth through college and workshop scholarships, county fair awards, and other available programs.</p> <p>C. Provide an agriculture tour for the Boulder County Commissioners.</p> <p>D. Provide classroom education on water issues in the classrooms of Boulder Valley School District.</p> <p>E. Publish quarterly newsletter with timely, informative articles on conservation practices and make available on the website.</p> <p>F. Provide an educational booth at the Boulder County Fair.</p> | <p>Longmont CD, NRCS, FSA, Boulder Cty Open Space, various ag organizations, Boulder Valley and St. Vrain Valley School Districts, Boulder County Fair, Boulder County Commissioners</p> | <p>1000 hours \$10,000</p> | <p>Boulder County Commissioners, Sponsors, ag organizations, Direct Assistance</p> |



Center Conservation District

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Center, Colorado 81125-0424
*719.754.3400 x108 ** 719.754.3109 fax*

Center Conservation District

**Long Range Program
2012 – 2014**

Board of Supervisors:

| | |
|----------------|---------------------|
| Danny Neufeld | President |
| Beth Temple | Vice-President |
| Brian Neufeld | Secretary/Treasurer |
| Brendon Rockey | Member |
| Anthony Lobato | Member |

Center Conservation District

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|--------------------|--|
| Brenda J. Anderson | District Manager |
| Lamar Taylor | District Conservation Technician/ Weed Supervisor |



3-Year Plan (2012 to 2014)

Executive Summary

For More Information Contact

Brenda Anderson, 719.754.3400 x108, brenda.anderson@co.nacdnet.net

Organization of the Center Conservation District

A political subdivision of the State of Colorado – authorities, powers and structure contained in Colorado Revised Statutes, Title 35, Article 70.

The Center Soil Conservation District was organized on March 11, 1944 under Section 8 (k) of the Colorado Soil Conservation Act. The district is located in areas of Saguache, Alamosa and Rio Grande Counties, consisting of 1,573,370 acres.

Function of the Center Conservation District

To make available technical, financial and educational resources, whatever their source, and focus or coordinate them so that they meet the needs of the local land manager with conservation of soil, water and related natural resources.

Mission of the Center Conservation District

“The prudent use and adequate treatment of all land, water and related resources within its boundaries, to sustain the use of these resources for future generations and to restore that portion of these resources damaged through improper use.”

Trends Impacting Conservation in the Center Conservation District

- *Saguache County is experiencing an increase in small acreage landowners, which leads our district in yet another direction regarding conservation issues.*
 - *Water Changes*
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Natural Resource Data:

- Land ownership – type and acres - Private ownership 608,000; Public ownership 965,370. Land Use – Irrigated Cropland - 87,880; Irrigated pasture/hayland - 10,740; Rangeland - 666,835; Woodlands - 674,780; Recreation, Urban and other land - 33,135
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Natural Resource Priorities & Goals:

- #1 Invasive Species
 - Goal(s): Develop a comprehensive program to detect and control noxious weeds through cooperation, education, and participation.
- #2 Soil Health
 - Goal(s): Encourage erosion control through education of best management practices, with emphasis on soil health practices and proper vegetative cover on fallow ground.
- #3 - Water Conservation/Water Quantity
 - Goal(s): Strive for Irrigation Water Management – Best Management Practices; Educate all ages on the importance of water conservation; work with sub-districts to put rules for consumptive use practice in place; enforcement of metering requirements; work with local fire departments to present education workshops on the importance of a sustainable water supply.
- #4 - Livestock/Range Management
 - Goal(s): Develop pastures and rangeland to benefit both livestock and wildlife habitat through coordinated resource planning with BLM, USFS, State and private landowners.

- #5 - Small Acreage Landowners
 - Goal(s): To work with small acreage landowners through workshops, informational material and demonstrations to educate them on the value of our natural resources, conservation ethics, what the natural resources consist of and land use guidelines.
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Natural Resource Information /Education Priorities and Goals:

(not specifically addressed in Natural Resource issues: Camp Rocky, Teacher Workshops, Poster Contest, Youth Conservation Camp

General Information for New Residents, etc.)

- *The district's long term information/education goals include*
 - *Expanding Conservation Education Position activities.*
 - *Currently participating in Teachers Workshops, Poster Contest, Beaver Creek Conservation Camp, Farm Tours for 5th and 6th grade, Conservation Day for Head start and Kids Water Festival. In 2009 we will add an additional week for Teachers Conference, hold a local overnight camp for 5th and 6th grade students and three separate conservation events throughout the year for 1st grade students.*
 - *Continue to provide information packets on local conservation issues to new residents through Saguache County assessor's and land use offices, but also expand by providing packets to Chamber of Commerce offices and real estate offices.*
 - *Educational Farm Project*
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Staffing Needs:

- *The majority of the objectives addresses in the LRP will be carried out by the current full time District Manager, Board of Supervisors, Conservation Education Specialist, District Conservation Technician and, part time weed staff .*
 - *We will be hiring a part time District Clerk to assist with increasing public awareness, education programs, promote district programs and assist the district manager.*
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Conservation District Operational Goals & Objectives:

- *Our Board members plan on getting additional training in 2012 for all members to become a certified board in order to reach the Board's full potential*
 - *Three board members and the district manager have gone through the Leadership training program provided by CACD and one will be attending in 2012.*
 - *Constantly staying informed of what is going on, not only in our district, but in our watershed and the state regarding our natural resources.*
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_CENTER CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for: 2012 – 2014

Natural Resource Issue: #1 Invasive Species

Why is this issue a concern and what is the location:

- Ground Cover
- Hunting
- Excavation
- Maintain and enhance property values
- Grazing management
- Soil health

- Noxious Weeds
 - Black Henbane
 - Russian Knapweed
 - Pepperweed
 - Canadian Thistle

Three Year Goal(s): Develop a comprehensive program to detect and control noxious weeds through cooperation, education, and participation.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|--|--|--|---|---|
| Example 1st Year | A. Work with Saguache County (SC) Commissioners to help educate landowners regarding the requirements of the noxious weed law through face to face communications and educational materials. B. Promote best management methods of treatment. Host workshop to include all types of noxious weed control i.e. mechanical, biological and chemical C. Help develop a Watershed cooperative weed program. D. Increase spraying with Bureau of Land Management (BLM) and the United State Forest Service (USFS). E. Host and sponsor educations workshops F. Update weed inventory database. G. Research availability of regional weed free seed mixes. | County Commissioners Insectary Rio Grande Watershed Assn. BLM, Forest Service, BOR, CDOT, SC CDA | Year long effort on enforcement & education program. Grant funds for annual noxious weed project is approx. \$40,000, total project costs is estimated at \$135,000 | Saguache County Grant USFS Grants Other grants Weed Spraying Income Other earned income |

| | | | | |
|---|---|---|--|---|
| <p>Example 2nd Year</p> | <p>A. Increase acreage treated B. Research options for purchasing alternative treatment equipment. C. Continue working with SC Commissioners. D. Host a Watershed wide cooperative weed meeting. E. Have CDA identification book available to distribute to targeted area. F. Hold classes for continuing credits for applicator licensees. G. Private applicator license training sessions. H. Promote alternative methods (non-chemical) of treatment. Host workshop to include all types of noxious weed control i.e. mechanical, biological and chemical</p> | <p>County Commissioners Insectary Rio Grande Watershed Assn. BLM, Forest Service, BOR, CDOT, SC CDA</p> | <p>Year long effort on enforcement & education program. Grant funds for annual noxious weed project is approx. \$30,000, total project costs is estimated at \$200,000</p> | <p>USFS grant Saguache County Grant Other grants Weed Spraying Income Other earned income</p> |
| <p>Example 3rd Year</p> | <p>A. Have information available for local sources of weed free seed mixes. B. Continue to host Watershed cooperative weed meetings. C. Increase acres treated and books distributed. D. Pursue cost-share grants to provide financial assistance. E. Have State Weed Coordinator present to SC Commissioners. F. Purchase appropriate alternative treatment equipment. G. Promote alternative methods (non-chemical) of treatment. Host workshop to include all types of noxious weed control i.e. mechanical, biological and chemical H. Hold classes for continuing credits for applicator licensees. I. Research availability of regional weed free seed mixes.</p> | <p>County Commissioners Insectary Rio Grande Watershed Assn. BLM, Forest Service, BOR, CDOT, SC CDA</p> | <p>Year long effort on enforcement & education program. Grant funds for annual noxious weed project is approx. \$30,000, total project costs is 200,000</p> | <p>USFS Grant Saguache County Grant Other grants Weed Spraying Income Other earned income</p> |

CENTER CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for:
2012 – 2014

Natural Resource Issue: #2 Soil Health

Why is this issue a concern and what is the location:

- Tillage Practices
- Wind
- Roads
- Clear Cutting-unmanaged
- Fallow ground-Irrigation District/Sub district Corners
- Development
 - Sewage Control
 - Storm Water
- Public Safety

Three Year Goal(s): Encourage erosion control through education of best management practices, with emphasis on minimum tillage practices and proper vegetative cover on fallow ground.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|---------------------------------|--|---|---|--|
| Example 1 st Year | A. Find a credible speaker to present at a soil health seminar focusing on the benefits minimum tillage. B. Update conservation plan on fallow acres to meet the needs closed basin sub-district 3. C. Prepare information packets on proper tillage to be given to all new agricultural landowners in Saguache County as well as interested current landowners. D. Publish articles on erosion control. E. Sponsor workshops on proper soil health development methods. | County Commissioners NRCS Rio Grande Watershed Assn. CSFS Landowners CDA | Year long education program and contacting landowners to update conservation plans. Costs other than staff time will be about \$20,000. | Saguache County Grant Other grants Weed Spraying Income CSCB Matching Grants Other earned income |

| | | | | |
|--|--|---|--|---|
| | | | | |
| Example 2nd Year | <ul style="list-style-type: none"> A. Get a credible speaker on the agenda of the ag conference to present on the benefits of Soil health B. Advertise and promote the conservation plan in conjunction with sub-districts. C. Apply for cost-share grants for erosion control. D. Publish articles on erosion control. E. Prepare information packets on proper tillage to be given to all new agricultural landowners in Saguache County as well as interested current landowners. F. Provide "Stewardship Materials" to local schools and churches. G. Sponsor workshops on proper windbreak planting methods. | <p>County Commissioners NRCS Rio Grande Watershed Assn. Forest Service, CDOT, CDA Schools</p> | <p>Year long education program and contacting landowners to update conservation plans. Costs other than staff time will be about \$20,000.</p> | <p>Saguache County Grant CSCB Matching Grants Other grants Weed Spraying Income Other earned income</p> |
| Example 3rd Year | <ul style="list-style-type: none"> A. Provide a credible speaker to present on the benefits of minimum tillage at the ag conference. B. Implement the conservation plan with cooperators. C. Re-apply for cost-share grants for corner seeding. D. Prepare information packets on proper tillage to be given to all new agricultural landowners in Saguache County as well as interested current landowners. E. Publish articles on erosion control. F. Provide "Stewardship Materials" to local schools and churches. G. Sponsor workshops on proper windbreak planting methods. | <p>County Commissioners NRCSRio Grande Watershed Assn. Forest Service, CDOT, CDA Schools</p> | <p>Year long education program and contacting landowners to update conservation plans. Costs other than staff time will be about \$25,000.</p> | <p>Saguache County Grant CSCB Matching Grants Other grants Weed Spraying Income Other earned income</p> |

CENTER CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for:
2012 – 2014

Natural Resource Issue: #3 - Water Conservation/Water Quantity

Why is this issue a concern and what is the location: Aquifer depletion

- Over watering
- Ineffective watering
- Sustainable water supply

Three Year Goal(s): Strive for Irrigation Water Management – Best Management Practices; Educate all ages on the importance of water conservation; work with sub-districts to put rules for consumptive use practice in place; enforcement of metering requirements; work with local fire departments to present education workshops on the importance of a sustainable water supply.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|--|---|--|--|--|
| Example 1st Year | A. s. B. . C. Continue to distribute “Water Conservation Water Wheels” D. Work with Ground water sub-districts on rules and regulations regarding ground water and irrigation well usage. E. Provide education materials and workshops on water conservation methods and how conserving water can sustain our aquifer. F. Continue Kerber Creek restoration project to promote wetland restoration & rehabilitation. | Saguache County USFS BLM NRCS Landowners BOR Water Districts and Conservancies | Year long education program and contacting landowners to update IWM plans. Costs other than staff time will be about \$5000.00 | Saguache County Grant Other grants Weed Spraying Income Other earned income |
| Example 2nd Year | A. Conduct demonstrations and workshops on center pivot efficiency and best irrigation management practices. B. . C. Continue Kerber Creek restoration project to promote wetland restoration & rehabilitation. | Saguache County USFS BLM | Year long education program and contacting landowners to | Saguache County Grant Other grants Weed Spraying |

| | | | | |
|---|--|---|--|---|
| | <p>D. Continue to distribute “Water Wheels”</p> <p>E. Work with Ground water sub-districts on rules and regulations regarding ground water and irrigation well usage.</p> <p>F. Provide education materials and workshops on water conservation methods and how conserving water can sustain our aquifer.</p> <p>G. Involve the community and schools in water conservation programs</p> | <p>NRCS</p> <p>Landowners</p> <p>BOR</p> <p>Water Districts and Conservencies</p> <p>Schools</p> <p>Community</p> | <p>update IWM plans. Costs other than staff time will be about \$5000.</p> | <p>Income</p> <p>Other earned income</p> |
| <p>Example</p> <p>3rd Year</p> | <p>A. Provide education materials and workshops on water conservation methods and how conserving water can sustain our aquifer.</p> <p>B. Conduct demonstrations and workshops on center pivot efficiency and best irrigation management practices.</p> <p>C. Provide education materials and workshops on water conservation methods and how conserving water can sustain our aquifer.</p> <p>D. Continue to distribute “Water Conservation Water Wheels”</p> <p>E. Work with Ground water sub-districts on rules and regulations regarding ground water and irrigation well usage.</p> <p>F. Involve the community and schools in water conservation programs</p> <p>G. Implement water quality best management practices.</p> | <p>Saguache County</p> <p>USFS</p> <p>BLM</p> <p>NRCS</p> <p>Landowners</p> <p>BOR</p> <p>Schools</p> <p>Community</p> <p>Water Districts and Conservencies</p> | <p>Year long education program and contacting landowners to update IWM plans. Costs other than staff time will be about \$5,000.</p> | <p>Saguache County Grant</p> <p>Other grants</p> <p>Weed Spraying Income</p> <p>Other earned income</p> |

CENTER CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for:
2012 – 2014

Natural Resource Issue: #4 - Livestock/Range Management

Why is this issue a concern and what is the location: Overgrazing and depletion of rangeland

- Over grazing
- Ineffective livestock rotation
- Development
 - Proper development planning practices

Three Year Goal(s): Develop pastures and rangeland to benefit both livestock and wildlife habitat through coordinated resource planning with BLM, USFS, State and private landowners.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|--|---|---|---|--|
| Example 1st Year | A. Development of pastures and rangeland to benefit both livestock and wildlife habitat. B. Increase number of Grazing Plans for year. C. Hold Range Management School at least one a year. D. Coordinate resource planning with BLM, USFS and State. | Saguache County USFS BLM NRCS Landowners BOR | Year long education program and contacting landowners to update Grazing plans. Costs other than staff time will be about \$2500 | GLCI Funds Saguache County Grant Other grants Weed Spraying Income Other earned income |
| Example 2nd Year | A. Development of pastures and rangeland to benefit both livestock and wildlife habitat. B. Increase number of Grazing Plans for year. C. Hold Range Management School at least one a year. D. Coordinate resource planning with BLM, USFS and State. E. Development plans for renovation of irrigated pastures | Saguache County USFS BLM NRCS | Year long education program and contacting landowners to update Grazing plans. Costs | GLCI Funds Saguache County Grant Other grants Weed Spraying |

| | | | | |
|--|--|--|--|---|
| | to increase yields. | Landowners BOR | other than staff time will be about \$2500 | Income Other earned income |
| Example 3rd Year | <p>A. Development of pastures and rangeland to benefit both livestock and wildlife habitat.</p> <p>B. Increase number of Grazing Plans for year.</p> <p>C. Development plans for renovation of irrigated pastures to increase yields.</p> <p>D. Coordinate resource planning with BLM, USFS and State.</p> <p>E. Hold Range Management School at least one a year.</p> <p>F. Hold a workshop that addresses Carbon Credits.</p> <p>G. Apply for grant funds for re-seeding projects.</p> | <p>Saguache County</p> <p>USFS</p> <p>BLM</p> <p>NRCS</p> <p>Landowners</p> <p>BOR</p> | <p>Year long education program and contacting landowners to update Grazing plans. Costs other than staff time will be about \$2500</p> | <p>GLCI Funds</p> <p>Saguache County Grant</p> <p>Other grants</p> <p>Weed Spraying Income</p> <p>Other earned income</p> |

CENTER CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for:
2012 – 2014

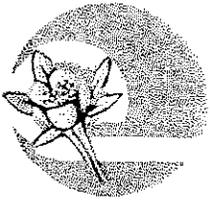
Natural Resource Issue: #5 - Small Acreage Landowners

Why is this issue a concern and what is the location: Non Ag producers with no knowledge of conservation methods.

Three Year Goal(s): To work with small acreage landowners through a Small Acreage Landowner Expo, informational material and demonstrations to educate them on the value of our natural resources, conservation ethics, what the natural resources consist of and land use guidelines.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|---------------------------------|--|--|--|---|
| Example 1 st Year | <p>A. To provide current and new small acreage landowners with guidelines on proper land use.</p> <p>B. Hold a minimum of one workshop a year in a Expo format to provide property owners information on subjects they may need from other agencies i.e. DOW, County Department of Land Use, Rural Electric; Sheriff's Dept; Composting Information, renewable energy, etc.</p> <p>C. . Provide information to landowners on the Right-to-Farm and water laws in Colorado.</p> | <p>County CSFS DOW Div of Water Resources Local services and businesses NRCS</p> | <p>Year long education program and contacting landowners to set up dates for the workshop. Costs other than staff time will be about \$5000.00</p> | <p>GLCI Funds Saguache County Grant Other grants Weed Spraying Income Other earned income</p> |
| Example 2 nd Year | <p>A. To provide current and new small acreage landowners with guidelines on proper land use with information packets available at the county assessor office and/or realtor offices.</p> <p>B. Hold a minimum of one workshop a year in a roundtable format to provide property owners information on subjects they may need from other agencies i.e. DOW, County Department of Land Use, Rural Electric; Sheriff's Dept; Composting Information, renewable energy, etc.</p> | <p>County USFS DOW Local services and businesses NRCS Div of Water</p> | <p>Year long education program and contacting landowners to set up dates for the workshop. Costs other than staff time</p> | <p>GLCI Funds Saguache County Grant Other grants Weed Spraying Income Other earned</p> |

| | | | | |
|---|--|---|---|---|
| | <p>C. .</p> <p>D. Provide information to landowners on the Right-to-Farm and water laws in Colorado.</p> | Resources | will be about \$5200.00 | income |
| <p>Example</p> <p>3rd Year</p> | <p>A. To provide current and new small acreage landowners with guidelines on proper land use with information packets available at the county assessor office and/or realtor offices.</p> <p>B. Fire mitigation and proper defensible space for properties in treed areas.</p> <p>C. Provide information to landowners on the Right-to-Farm and water laws in Colorado.</p> <p>D. Hold a minimum of one workshop a year in a Expo format to provide property owners information on subjects they may need from other agencies i.e. DOW, County Department of Land Use, Rural Electric; Sheriff's Dept; Composting Information, renewable energy, etc.</p> <p>E. Hold a workshop on "Water Law" on matters pertinent to small acreage landowners.</p> | <p>County</p> <p>USFS</p> <p>DOW</p> <p>Local services and businesses</p> <p>NRCS</p> <p>Div of Water Resources</p> | <p>Year long education program and contacting landowners to set up dates for the workshop. Costs other than staff time will be about \$5400</p> | <p>GLCI Funds</p> <p>Saguache County Grant</p> <p>Other grants</p> <p>Weed Spraying Income</p> <p>Other earned income</p> |



Douglas Creek Conservation District

3-Year Plan (2011 to 2013)

Executive Summary

For More Information Contact: Stacey Gould, 970-878-5628 ext 106,
Stacey.Gould@co.nacdn.net

Organization of the Douglas Creek Conservation District

A political subdivision of the State of Colorado – authorities, powers and structure contained in Colorado Revised Statutes, Title 35, Article 70.

Function of the Douglas Creek Conservation District

To make available technical, financial and educational resources, whatever their source, and focus or coordinate them so that they meet the needs of the local land manager with conservation of soil, water and related natural resources.

Mission of the Douglas Creek Conservation District

- *To assist and guide landowners and government land management agencies to encourage and promote the conservation and wise use of all the natural resources within the District.*

Trends Impacting Conservation in the Douglas Creek Conservation District

- *Rangeland health deterioration due to over population of wild horses, Energy and mineral development create the need for special attention to soil erosion, water quality and quantity issues and control of noxious weeds, potential air space issues in regards to windmill/wind energy.*

Natural Resource Data:

- *County Acres = 2,064,823; total population = 5986; median household income + \$37,711; Farms = 245; land in farms/ranches = 376,509 acres; average size farm/ranch = 1,537 acres; average age of farmer/rancher = 56.5 years old.*

Natural Resource Priorities & Goals:

- *Rangeland and wildlife health – insist public lands are managed for multi use, improve condition of rangeland and wildlife habitat and get wild horse numbers in compliance.*
- *Weed and Pest Management – limit the spread of noxious weeds, prevent new infestations, manage pests movement and impact and promote Integrated Pest Management.*
- *Reclamation – decrease impacts from surface disturbance, improves reclamation for sustainability and increase awareness around reseeding.*
- *Water – reduce sedimentation flowing into reservoir, increase and create new storage, ensure proper disposal from industrial development areas.*
- *Manage the Upper Colorado Environmental Plant Center. UCEPC Mission Statement: To improve the quality of life through the development, production and delivery of plants and plant science technology*

Natural Resource Information /Education Priorities and Goals:

- *Support Camp Rocky financially and/or by sending a participant to grow and develop their conservation knowledge, participate in the 6th grade poster contest to educate area students about the district and about conservation, and contribute related articles to quarterly newsletter to actively promote education of land owners on conservation topics.*

Staffing Needs:

Executive Director to lead district in legislative issues, District Manager to manage the day to day operations of the district, Conservation Technician to manage technical needs of the district, and 5 active board members to be the voice of the landowners and carry out the mission and vision of the Douglas Creek Conservation District.

Conservation District Operational Goals & Objectives:

- *5 board members who are committed to attending meetings and promoting conservation within the Douglas Creek district.*
 - *District manager attending Leadership class to gain knowledge and experience and be more successful as a leader.*
-

Douglas Creek CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for: 2011 – 2013

Natural Resource Issue: Rangeland and Wildlife health

Why is this issue a concern and what is the location: Rio Blanco County is 75% public land and home to some of the largest cattle and sheep producers in Colorado, as well as, the largest herds of elk and mule deer in the state and country.

Three Year Goal(s): Influence decisions of public land managers (BLM, USFS) to manage for multi use. Improve condition of rangeland on public and private land through education, plant diversity, reduction of weeds and undesirable species, and proper wild horse management. Reduce horse herd size, improve wildlife habitat on private and public lands.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|--------------|---|--|-------------------------|--------------------------------------|
| 2011 | <ul style="list-style-type: none"> A. Insist that BLM follows policy on managing rangeland for multi-use and adheres to their RMP. B. Partner with other groups to promote wild horse management/dispersal. Sponsor booth at Summit of the Horse and coordinate Wild horse Coalition website. C. Research rangeland monitoring program D. Educate public on rangeland health issues via newsletters and websites. E. Review Dept. Of Wildlife (DOW) management plan. | BLM; Land Owners; NRCS; CSU Extension; Wild horse coalitions in NV, WY, UT, MT, OR, NM; DOW; Ag organizations; Legislatures; Neighboring Districts | 320 hours \$5000 | Mill Levy; Direct Assistance; Grants |
| 2012 | <ul style="list-style-type: none"> A. Monitor BLM to ensure they are following their rangeland policies and taking action as necessary. B. Partner with Rio Blanco County (RBC) Sheriff department and BLM on burn plan. C. Burn and reseed to revegetate public lands. D. Continue as lead coordinator for wild horse coalition. E. Based on research, begin rangeland monitoring to educate landowners. | BLM; Land Owners; NRCS; Wild horse coalitions; Ag organizations; Neighboring Districts | 50 hours \$3500 | Mill Levy; Direct Assistance; Grants |
| 2013 | <ul style="list-style-type: none"> A. Provide outreach to other Conservation Districts (CD) on wild horse and legislative opportunities. B. Research with UCEPC on reseeding opportunities. | CD's, BLM, Land Owners, UCEPC; Neighboring Districts | 20 hours \$1000 | Mill Levy; Direct Assistance; Grants |

Douglas Creek CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for: 2011 – 2013

Natural Resource Issue: Weed and Pest Management

Why is this issue a concern and what is the location: Thousands of acres are disturbed by energy development, opening the threat of large invasions of noxious weeds. District is large part of critical winter habitat to mule deer, elk, and sage grouse; weeds degrade quality of forages available.

Three Year Goal(s): Limit the spread of noxious weeds, prevent new infestations, manage pests' movement and impacts, and promote Integrated Pest Management (IPM).

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|--------------|--|--|-------------------------|---------------------------|
| 2011 | <ul style="list-style-type: none"> A. Partner with County weed dept and Lower White River Pest district and weed boards to provide identification, herbicides and biological controls. B. Promote weed sprayer at low cost to landowners by posting signs on doors, ads in newspaper, and info in newsletter. C. Continue Tamarisk project by monitoring release sights and working with Dept of Ag/Palisade Insectory, as well as including info in newsletter | County Weed Dept; Weed Boards; Lower White River Pest District; NRCS; Dept of Ag and Palisade Insectory; | 40-60 hours \$ 2800 | Mill Levy, DA, Grants |
| 2012 | <ul style="list-style-type: none"> A. Monitor Tamarisk sights for development. B. Continue providing information to landowners via signs/ads/newsletters on weed and pest management. C. Monitor and promote sprayed Russian Olive areas in District. | County Weed Dept; Weed Boards; NRCS; Dept of Ag and Palisade Insectory; Elder Weed Spraying | 20 hours \$1500 | Mill Levy, DA, Grants |
| 2013 | <ul style="list-style-type: none"> A. Report on success of Tamarisk. B. Apply for HPP grant to control Hounds Tongue on Douglas Pass. C. Continue promoting Russian Olive spraying. | | 20 hours \$1000 | Mill Levy, DA, HPP grants |

Douglas Creek CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for: 2011 – 2013

Natural Resource Issue: Reclamation – Energy and Mineral Development

Why is this issue a concern and what is the location: Extremely fast rate of drilling has resulted in insufficient reclamation, increased road use and increased surface disturbance. Long term damage and short term reclamation will leave long term impacts on rangeland and community.

Three Year Goal(s): Decreased impacts from surface disturbance, improve reclamation for sustainability, and increase awareness that reseeding and revegetation are not the same.

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|--------------|--|---|-------------------------|-----------------------|
| 2011 | <ul style="list-style-type: none"> A. Support requirement of weed free seed, promote clean vehicles and contract equipment policies via newsletters. B. Encourage forestry rejuvenation to provide natural visual barriers from industry. C. Encourage proper placement of water bars and road placement via newsletters. D. Recognize Energy Company Conservationist of the year at Annual Meeting. E. Attend community/energy meetings to establish relationship with developers. | NRCS, Land Owners, County Commissioners, BLM; Oil/Gas Companies | 30 hours \$1000 | Mill Levy, DA, Grants |
| 2012 | <ul style="list-style-type: none"> A. Education of roads placement to oil field and BLM. B. Review storm water management plans and visit oil companies to improve conservation practices. C. Research and develop watershed plan. D. Promote forestry rejuvenation. | NRCS, Land Owners, County Commissioners, BLM; Oil/Gas Companies | 30 hours \$1000 | Mill Levy, DA, Grants |
| 2013 | <ul style="list-style-type: none"> A. Continue relationship with Energy companies to promote conservation. B. Begin implementation of Watershed Plan. C. Continue to promote forestry rejuvenation and research Aspen regrowth opportunities. | NRCS, Land Owners, County Commissioners, BLM; Oil/Gas Companies | 30 hours \$1000 | Mill Levy, DA, Grants |

Douglas Creek CONSERVATION DISTRICT

Natural Resource Goals & Objectives

Long Range Plan for: 2011 – 2013

Natural Resource Issue: Water – Quality and Quantity

Why is this issue a concern and what is the location: Kenney reservoir has a decreased capacity of 30% due to sedimentation, area lacks adequate storage, increasing need by Front Range, and energy development causes concern of contamination/overall quality.

Three Year Goal(s): Reduce sedimentation flowing into reservoir, increase storage of existing reservoirs, create new storage structures, ensure proper waste water disposal from industrial development areas (oil and gas areas).

| PROGRAM YEAR | MEASURABLE ANNUAL OBJECTIVES | COOPERATING AGENCY/GROUP | TIME AND FUNDING NEEDED | SOURCE OF FUNDING |
|--------------|--|---|-------------------------|-----------------------|
| 2011 | A. Encourage landowner to revegetate burned areas to decrease erosion by cost share program and newsletter information. B. Work with partner district concerning salinity designation by using NRCS to encourage education to landowners via newsletters. C. Attend Basin Roundtable meetings. | NRCS, CDPHE, USGS, Land Owners, RBC CD's, Basin Roundtables | 30 hours \$1000 | Mill Levy, DA, Grants |
| 2012 | A. Continue additional revegetation areas and monitor previous areas. Encourage landowners to apply best management practices through cost share programs. B. Encourage flood irrigation for deep pecculation through newsletters, websites and mailings. C. Continue attending Basin Roundtable meetings. | NRCS, CDPHE, USGS, Land Owners, RBC CD's, Basin Roundtables | 20 hours \$1000 | Mill Levy, DA, Grants |
| 2013 | A. Continue attending Basin Roundtable meetings. B. Research and development plan for review of regulations for 404 permit. | NRCS, CDPHE, USGS, Land Owners, RBC CD's, Basin Roundtables | 20 hours \$1000 | Mill Levy, DA, Grants |

* Use of acronyms – please spell out each acronym the first time it is used followed by the acronym. From that point on, use only the acronym.