

# STATE OF COLORADO

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Colorado Department  
of Public Health  
and Environment

## **Second Annual Report to the Colorado General Assembly on the Status of the Recycling Resources Economic Opportunity Fund Grant Program**

Submitted to the Colorado Legislature  
By the Office of Environmental Integration and Sustainability  
Colorado Department of Public Health and Environment  
February 1, 2010

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## DOCUMENT INFORMATION

Title:	Second Annual Report to the Colorado General Assembly on the Status of the Recycling Resources Economic Opportunity Fund Grant Program in Colorado
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Subject:	The report describes the status of the first year of the Recycling Resources Economic Opportunity Fund Grant Program for the state of Colorado.
Statute:	C.R.S. Chapter 270 Article 19.7 25-16.5-106.5
Date:	February 1, 2010
Number of pages:	24 (plus appendices)

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## **I. Executive Summary**

The Recycling Resources Economic Opportunity (RREO) Act (HB 07-1288), signed by Governor Bill Ritter on May 23, 2007, created a recycling grant program that intended to fund implementation projects that promote economic development through the productive management of recyclable materials that would otherwise be treated as discards. The funding for the RREO program comes from waste tire fees and tipping fees at state landfills.

### **a. RREO Grant Program Description**

The RREO grants are intended to fund projects for recycling, beneficial use, and reuse; public private partnerships that promote waste diversion, recycling, recycling markets, and the beneficial use of discarded materials; developing or expanding local economic infrastructure for the sustainable use of discarded materials; providing local incentives to develop or expand markets for recycled products; educational programs; improve waste management plans by local governments; cleaning up illegal waste dumping and reducing waste tire stockpiles. The grants are available to for-profit and nonprofit organizations, governmental agencies, schools and universities. All grants must directly benefit the state of Colorado.

In the fiscal year (FY) 2010 grant cycle, 107 grant applications were received totaling over \$15 million in requests. Thirteen applicants were awarded a total of \$1,491,237. Due to lower than anticipated fund revenues and because \$1,500,000 was removed from the fund by the Joint Budget Committee and added to the state's General Fund, the department requested that 12 grant recipients reduce their budget request by 6% in order to balance the fund. The department also moved the City and County of Denver's grant award under the Advanced Technology Grants (ATG) Program. Denver's application was reviewed by the Assistance Committee as well as the department's legal counsel who agreed that this application met the requirements of a research project and therefore, could be funded under the ATG program. The remaining 12 grant recipients, began their projects on or after August 1, 2009, and will complete their projects by June 30, 2010.

### **FY 2010 RREO Grants**

<b>Grantee Name</b>	<b>Project Title</b>	<b>Amount Awarded</b>
Sterling Correctional Facility	Sterling Correctional Facility and Community Recycling Infrastructure Improvement	\$ 47,465
Garden Centers of Colorado	Garden Plastic Recycling Program	\$ 32,403
Summit County Government	Composting Expansion Project	\$ 141,000
City of Grand Junction	City of Grand Junction Recycling Program and Facilities Upgrade	\$ 306,187
City of Durango	Regional Recycling Container Project	\$ 31,960
Town of Julesburg	Julesburg Recycling Program	\$ 16,920
Clean Air Recycling & Waste Services	Northern Colorado Organic Waste Recycling Program	\$ 154,301
Western Disposal Services	Effective Composting in Urban Setting in Colorado	\$ 173,900
Twin Landfill Corporation	Food Waste and Organics Project	\$ 17,681
Kaul Corporation	Volumetric Mixer Grant Request	\$ 81,310
A1 Organics	Removal of Plastic Contamination from Recycled Food Waste	\$ 181,965

Recycle-Creede	Recycle-Creede	\$ 40,010
	<b>FY 2010 Total:</b>	<b>\$1,225,102</b>

In the FY 2009 RREO grant cycle, 12 applicants were awarded funding for a total of \$1,376,345. Grantees began their projects on July 1, 2008, and completed their projects on June 30, 2009.

#### **FY 2009 RREO Grants**

<b>Grantee Name</b>	<b>Project Title</b>	<b>Amount Awarded</b>
Alpine Waste & Recycling	Waste Diversion Capacity and Competitiveness Project	\$ 281,000
City & County of Denver	Increasing Residential & Commercial Organic Waste Diversion in the City & County of Denver	\$ 215,000
City of Greeley	Greeley Green-Cycle Center	\$ 15,650
Eco-Cycle Inc.	Purchase of a densifier for EPS block foam recycling	\$ 50,000
Elbert County	Elbert County Recycling and Greenwaste Project	\$ 160,000
Fruita Monument High School Recycling Club	FMHS Recycling Club Pilot Recycling Program	\$ 3,002
Greater Dolores Action	Four Corners Recycling Initiative	\$ 91,212
National Recycling, Inc.	Recycling Resources Economic Opportunity Grant Program	\$ 244,641
New Community Coalition, Inc.	Telluride Regional Resource & Recovery Center	\$ 145,000
Phillips County	Paper and Cardboard Recycling	\$ 48,140
Veltrie Disposal Services	Wet Mountain Valley Partners in Recycling	\$ 9,700
Waste Management of Colorado, Inc.	Denver Arapahoe Disposal Site Diversion Center (DADSDC)	\$ 113,000
	<b>FY 2009 Total:</b>	<b>\$1,376,345</b>

In the FY 2009 RREO grant cycle, two disaster debris applicants were awarded funding for \$15,000. Grantees began their projects on or after December 1, 2008, and completed their projects on June 30, 2009.

#### **FY 2009 Disaster Debris Grants**

<b>Grantee Name</b>	<b>Project Title</b>	<b>Amount Awarded</b>
Northeast All Hazards	Northeast All Hazard Debris Management Plan	\$ 7,500
Mesa County Health Department	Mesa County Emergency Operations Plan: Debris Recycling and Recovery Annex	\$ 7,500
	<b>FY 2009 Total:</b>	<b>\$15,000</b>

#### **b. Recycling Rebates**

The recycling rebates were created to reward those companies and organizations that offer recycling services throughout the state of Colorado. Although there is no specific requirement on how an entity's rebate funds may be used, the intent is for the entities to reinvest the funds to continue to support or expand their recycling services.

In 2009, a total of \$582,514 in rebates was issued (\$295,449 in the first round, \$287,065 in the second round). The rebates were distributed to curbside recycling haulers and glass recycling haulers.

## **II. Background**

The Recycling Resources Economic Opportunity (RREO) Act (HB 07-1288), signed by Governor Bill Ritter on May 23, 2007, created a recycling grant program that intended to fund implementation projects that promote economic development through the productive management of recyclable materials that would otherwise be treated as discards. Projects that meet this goal may be designed to implement source reduction, recycling, beneficial use/reuse, anaerobic digestion, or composting, for a wide variety of materials.

The Colorado Department of Public Health and Environment (the department), working through its Pollution Prevention Advisory Board (the board) and the Pollution Prevention Advisory Board Assistance Committee (the committee), evaluates and selects the grants to be funded each fiscal year and determines the formula for recycling rebate awarded biannually. The funding for the RREO program comes from waste tire fees and tipping fees at state landfills.

The provisions of this act assist the state in achieving a greater potential in recycling materials, advance economic development and job growth, and preserve the state's natural beauty. Before this act was signed, there was no state agency with the responsibility to encourage or help sustain recycling in Colorado.

There are many benefits to recycling including:

- Conserving energy and natural resources;
- Reducing waste, pollution and greenhouse gas emissions;
- Economic and job growth;
- Providing materials for in-state markets; and
- Prolonging the life of landfills.

Colorado's recycling rate of 20% for 2008<sup>1</sup> lags behind the national average of 33.2%<sup>2</sup>. To advance opportunities for recycling in Colorado, HB 07-1288 established a grant program to help create or expand existing recycle programs and a recycling rebate program to reward those Colorado businesses and organizations who are actively providing recycling services. These funds help businesses, local governments and nonprofit organizations that may not have other means of raising the capital needed to start or expand a recycling program. Currently no other state funding is available to support recycling implementation projects in Colorado.

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<sup>1</sup> *Annual Recycling Report For Calendar Year 2008*, Colorado Department of Public Health & Environment, Hazardous Waste Division. August 2009.

<sup>2</sup> *Municipal Solid Waste Generation, Recycling, and Disposal in the United States: Facts and Figures for 2008*, United States Environmental Protection Agency. November 2009.

### **III. RREO Grant Program**

#### **a. Grant Solicitation**

The Request for Application (RFA) for FY 2010 was prepared by the committee with assistance from the department and was approved by the board for release in January 2009. The department's purchasing and contracts division also reviewed the RFA to ensure compliance with state procurement guidelines.

The RFA was looking for applications that met the general objectives of:

- Accomplishing greater levels of solid waste minimization, waste diversion (from landfill disposal), recycling (for various materials or products), material reuse and composting;
- Implementing proven diversion methods such as Pay-As-You-Throw (PAYT), market incentives, contracting, municipal ordinance, or other mechanisms;
- Developing best practices in recycling, waste minimization and diversion, material reuse and composting;
- Improving market research/data to identify material reuse opportunities;
- Providing detailed economic information on the impacts of recycling and material reuse in Colorado;
- Providing more education and information to residents of the state about recycling; and/or
- Increasing regional partnering to maximize economics of scale.

Based on preliminary studies (available on the department's website:

[http://www.cdphs.state.co.us/oeis/p2\\_program/rreogrants.html](http://www.cdphs.state.co.us/oeis/p2_program/rreogrants.html)) commissioned by the committee to evaluate waste diversion and recycling needs in Colorado, the committee has created a tiered system to prioritize the types of projects that will best help the state increase waste diversion and create economic opportunities. Priorities may change in future grant cycles.

#### **Tier I:**

1. Implement projects that directly result in increased levels of recycling, beneficial use and reuse, and/or composting, and which divert more materials from landfill disposal including Pay-As-You-Throw (PAYT), market incentives, contracting, municipal ordinance, or other similar mechanisms;
2. Develop or expand local economic infrastructure for the sustainable use, manufacturing, and/or marketing of discarded materials;
3. Provide local incentives to develop or expand markets for recycled products and material reuse;
4. Develop or expand local recycling infrastructure; and/or
5. Reduce waste tire stockpiles.

#### **Tier II:**

6. Undertake sustainable resource education programs;
7. Develop or implement sustainable resource plans or programs for the use or collection of discarded items;
8. Provide assistance in connection with the development or improvement of integrated waste management plans by local governments that focus on diversion; and/or

9. Form public-private partnerships to promote waste diversion, recycling, recycling markets, the beneficial use of discarded materials, or other recycling-related uses.

Tier III:

10. Cleaning up illegal waste dumping.

#### **b. FY 2010 RREO Grants**

In the FY 2010 grant cycle, 107 grant applications were received totaling \$15,746,305 in requests. The applications were evaluated based on five main criteria:

- Environmental Benefits
- Economic Impact
- Feasibility of Successful Implementation
- Measurable Results
- Experience and Qualifications

Thirteen applicants were awarded for a total of \$1,491,237. Due to lower than anticipated fund revenues and because \$1,500,000 was removed from the fund by the Joint Budget Committee and added to the state's General Fund, the department requested that 12 grant recipients reduce their budget request by 6% in order to help balance the fund. The department also moved the City and County of Denver's grant award under the Advanced Technology Grants (ATG) Program. Denver's application was reviewed by the Assistance Committee as well as the department's legal counsel who agreed that this application met the requirements of a research project and, therefore, could be funded from the ATG program. The remaining 12 grant recipients, began their projects on or after August 1, 2009, and will complete their projects by June 30, 2010.

#### **FY 2010 Grant Descriptions**

<b>Grantee Name:</b> Sterling Correctional Facility
<b>Project Title:</b> Sterling Correctional Facility and Community Recycling Infrastructure Improvement
<b>Legal Tax Status:</b> Government
<b>Location of Grantee:</b> Logan County
<b>Grant Award:</b> \$47,465
<b>Abstract:</b> The grant award is to purchase a ClearSpan shelter for the facility's baling area. This will allow them to work in all weather, increase volumes of processed materials, and protect unbaled material from blowing onto the landscape. They will also build a finished bale shed out of recycled steel to store bales in order to retain a good market value.
<b>Current Status (8/1/09 – 12/31/09):</b> There have been some delays in getting the final approval for the purchase of the ClearSpan shelter. Additional funding may be needed to complete finished bale shed. They are still projected to have both structures completed by May 2010.

<b>Grantee Name:</b> Garden Centers of Colorado (GCC)
<b>Project Title:</b> Garden Plastic Recycling Program
<b>Legal Tax Status:</b> Non Profit
<b>Location of Grantee:</b> Arapahoe County
<b>Grant Award:</b> \$32,403



<p><b>Abstract:</b> The grant funding is for a GCC recycling program to recycle garden plastics at garden center drop-off sites throughout the metro-Denver region. Since the vast majority of garden plastic (pots, flower packs, and trays) is not accepted by most recycling programs, it is typically disposed of in landfills. The GCC's highly successful 2008 pilot program collected 120,000 pounds of plastic, routing it through a local, specialized recycler. The GCC will expand its program, collecting and recycling at least 180,000 pounds of garden plastic through intensive advertisement and educational initiatives. The purchase of two specialized recycling trailers will give the GCC capacity to collect a larger volume of plastic. Educational and collection drives will be held in conjunction with Denver Recycles, Denver Botanic Gardens, and the Denver Museum of Nature and Science, with matching support from sponsors, the GCC, and participating garden centers.</p>
<p><b>Current Status (8/1/09 – 12/31/09):</b> Two trailers have been purchased and are currently stored at one of the independent garden center's lots. The garden centers that are participating are collecting recycled garden plastics year-round. Most of the education and program advertising will be started in spring 2010.</p>

<b>Grantee Name:</b> Summit County Government
<b>Project Title:</b> Composting Expansion Project (CEP)
<b>Legal Tax Status:</b> Government
<b>Location of Grantee:</b> Summit County
<b>Grant Award:</b> \$141,000
<p><b>Abstract:</b> With the grant award, Summit County government, in partnership with the High Country Conservation Center, will expand the current large-scale composting program operated at the Summit County landfill by approximately 50%. The CEP will allow the community to increase waste diversion of multiple commodities through composting. The CEP will substantially increase diversion rates and create a beneficial end use for the growing wood waste stream created by the catastrophic mountain pine beetle outbreak in Summit County's surrounding forests. The CEP will also allow an increase in the diversion of food scraps collected through pilot projects at various locations (including resorts/conference centers, grocery stores, schools, and other locations), with the potential for future growth into curbside collection of source separated organics.</p>
<p><b>Current Status (8/1/09 – 12/31/09):</b> A stop work order was issued to Summit County on November 20, 2009. The department cited issues about how the new equipment was to be purchased as well as issues concerning the funding of a new full-time employee that arose during reimbursement invoice submittals and discussions with the grantee. The committee will review options to continue the project at their next scheduled meeting in January 2010.</p>
<p><i>Note: Changes to grant approved by the committee on 1/12/10. Stop Work Order to be lifted when amended contract is complete.</i></p>

<b>Grantee Name:</b> City of Grand Junction
<b>Project Title:</b> City of Grand Junction Recycling Program and Facilities Upgrade
<b>Legal Tax Status:</b> Government
<b>Location of Grantee:</b> Mesa County
<b>Grant Award:</b> \$306,187
<p><b>Abstract:</b> With the grant award, the City of Grand Junction and their contractor, Grand Junction Curbside Recycling Incorporated (GJCRI), will expand their community-based recycling program and facility. GJCRI's facility is one of only two multi-material recycling options in the area. Currently GJCRI has sufficient storage and equipment to collect, process, store, and ship 3.5 million pounds of recyclable commodities per year. The project is to expand the current GJCRI operation to 9 million pounds per year to meet the growing demands of customers and maintain the</p>

well-established relationships with trucking firms, domestic markets and mills.
<b>Current Status (8/1/09 – 12/31/09):</b> The city is currently going through a bidding process for the construction of a portable dock for the new baler. The dock will be built on an unused part of GJCRI's property instead of the existing cement platform due to cost issues. The project is scheduled to be completed by March 2010.

<b>Grantee Name:</b> City of Durango
<b>Project Title:</b> Regional Recycling Container Project
<b>Legal Tax Status:</b> Government
<b>Location of Grantee:</b> La Plata County
<b>Grant Award:</b> \$31,960
<b>Abstract:</b> The grant award will improve the City of Durango's current recycling collection practices by converting to an automated front-loader collection system and funding the purchase of approximately 150, two to eight cubic yard dumpsters. The front-load operation will provide increased efficiency over the existing collection methods by requiring less time and fuel for servicing. When implemented, this project will increase recycling by diverting additional materials from landfills. The project will provide environmental and economic benefits to the community.
<b>Current Status (8/1/09 – 12/31/09):</b> All of the new containers have been purchased and put in designated areas. Two new trucks have also been purchased by the city. An open house was held in November 2009, promoting the recycling program changes. Positive responses have been received from residents and in the local newspaper.

<b>Grantee Name:</b> Town of Julesburg
<b>Project Title:</b> Julesburg Recycling Program
<b>Legal Tax Status:</b> Government
<b>Location of Grantee:</b> Sedgwick County
<b>Grant Award:</b> \$16,920
<b>Abstract:</b> The grant funding will start a recycling program in the Town of Julesburg. The funding will purchase two, 22-foot roll-off containers and develop and distribute education brochures to the citizens of Julesburg about the importance of recycling. This project will demonstrate one type of recycling program that can be created in rural areas where options are limited.
<b>Current Status (8/1/09 – 12/31/09):</b> New containers were received in November 2009. Educational materials describing the new recycling program have been developed and distributed.

<b>Grantee Name:</b> Clean Air Recycling & Waste Services
<b>Project Title:</b> Northern Colorado Organic Waste Recycling Program
<b>Legal Tax Status:</b> For Profit
<b>Location of Grantee:</b> Larimer County
<b>Grant Award:</b> \$154,301
<b>Abstract:</b> With the grant award, Clean Air Lawn Care and National Recycling formed Clean Air Recycling & Waste Services, a partnership that will offer curbside pickup of food and yard waste to residential and commercial customers in northern Colorado. All organic waste collected will be recycled by A1 Organics. There is currently no service available to northern Colorado residents who seek to have both their food and yard waste picked up and recycled. This program will not only divert organic waste from local landfills, it will create jobs, increase understanding of organic waste recycling practices among northern Colorado residents and companies, and generate tax revenues for local municipalities. Clean Air Waste & Recycling's long-term goal for the program is to expand operations to the entire state of Colorado and possibly to other locations around the country where Clean Air Lawn Care has operations. Funding will purchase two rear-loading trucks and 1,000 organic waste recycling bins to begin the program.

<p><b>Current Status (8/1/09 – 12/31/09):</b> Clear Air Recycling and Waste Services have purchased 500 of the bins needed for the program. The first truck has been purchased and is awaiting delivery. An ongoing campaign to sign up new customers is being conducted throughout the grant. Future staffing needs are being evaluated.</p>
<p><b>Grantee Name:</b> Western Disposal Services</p> <p><b>Project Title:</b> Effective Composting in Urban Setting in Colorado</p> <p><b>Legal Tax Status:</b> For Profit</p> <p><b>Location of Grantee:</b> Boulder County</p> <p><b>Grant Award:</b> \$173,900</p> <p><b>Abstract:</b> The grant award is to fund a windrow turner and compost trammel screen to expand Western Disposal Services' composting operation. With the new ordinance in Boulder County to move to a three-bin system (trash, recyclables and compost), the explanation of their operation is needed to handle the increase in material.</p> <p><b>Current Status (8/1/09 – 12/31/09):</b> Both the windrow turner and compost trammel screen were purchased in August 2009. Western Disposal is currently working with Boulder and Broomfield counties on expansion of yard waste and food waste collection programs.</p>
<p><b>Grantee Name:</b> Twin Landfill Corporation</p> <p><b>Project Title:</b> Food Waste and Organics Project</p> <p><b>Legal Tax Status:</b> For Profit</p> <p><b>Location of Grantee:</b> Routt County</p> <p><b>Grant Award:</b> \$17,681</p> <p><b>Abstract:</b> The grant award will be used to purchase a grinder to enable them to expand their food waste and composting operations at the county landfill. Finished compost will be used and sold locally.</p> <p><b>Current Status (8/1/09 – 12/31/09):</b> The grantee needed to wait before purchasing the grinder until CDPHE issued a food waste composting permit, which was done in October 2009. Currently, Twin Landfill has several food waste collection pilots being conducted in the Steamboat Springs area.</p>
<p><b>Grantee Name:</b> Kaul Corporation</p> <p><b>Project Title:</b> Volumetric Mixer Grant Request</p> <p><b>Legal Tax Status:</b> For Profit</p> <p><b>Location of Grantee:</b> Jefferson County</p> <p><b>Grant Award:</b> \$81,310</p> <p><b>Abstract:</b> The grant award is for a customized volumetric mixer to produce an innovative new porous pavement material made from 100% post-consumer recycled glass called FilterPave™. Kaul Corporation is the inventor and developer of this technology which allows storm water to percolate thru the pavement. FilterPave™ substantially reduces the quantity of storm water runoff, while improving the storm water quality as it passes through the pavement and underlying base material, which also utilizes recycled glass.</p> <p><b>Current Status (8/1/09 – 12/31/09):</b> The purchase of volumetric mixer is delayed. The grantee will travel to Nevada in January 2010 to see the equipment. If it's in good condition Kaul Corporation will purchase the equipment and ship back to Colorado. Kaul Corporation is setting up contracts for projects in the spring to demonstrate the technology. They have given presentations at Cherry Creek High School and the Southern Colorado Recycling Conference.</p>

<b>Grantee Name:</b> A1 Organics
<b>Project Title:</b> Removal of Plastic Contamination from Recycled Food Waste
<b>Legal Tax Status:</b> For Profit
<b>Location of Grantee:</b> Weld County
<b>Grant Award:</b> \$181,965
<b>Abstract:</b> The grant award shall be used for specialized food waste processing equipment that will minimize/eliminate plastic and other contamination from incoming food waste. The addition of this equipment will mean that A1 Organics would have the capability to eliminate plastic contamination before it becomes an environmental problem at the composting facility. As a leader in organic recycling, A1 Organics has identified the DODA “Urban Organics” processing equipment as the key technology for removal of plastics and other contaminants from food waste.
<b>Current Status (8/1/09 – 12/31/09):</b> The committee approved the move of the new equipment from A1 Organics’ Keenesburg site to Denver’s Stapleton site due to a lower cost in setup and a reduction in transportation trips. This has pushed back some of the deliverables until early 2010.

<b>Grantee Name:</b> Recycle-Creede
<b>Project Title:</b> Recycle-Creede
<b>Legal Tax Status:</b> Nonprofit
<b>Location of Grantee:</b> Mineral County
<b>Grant Award:</b> \$40,010
<b>Abstract:</b> The grant award is to create a central recycling facility in Mineral County on land that has been donated by the City of Creede with a larger capacity for equipment and storage. The eventual goal is to expand the recycling program to the entire San Luis Valley, an area that has limited recycling options.
<b>Current Status (8/1/09 – 12/31/09):</b> Due to a delay in the land survey and approval of the final location of the drop-off site chosen by the town of Creede, the cement foundation was not poured in time for construction to begin prior to the winter weather. Final site preparation and building construction will not be completed until spring 2010.

### c. FY 2009 RREO Grants

In the FY 2009 RREO grant cycle, 12 applicants were awarded funding for a total of \$1,376,345. Grantees began their projects on July 1, 2008, and completed their projects on June 30, 2009. The following is a summary of results received during the grant cycle (7/1/08 – 6/30/09) as well as a six-month update covering the period 7/1/09 – 12/31/09. For detail description of these projects, please review their final reports on the department’s website: [http://www.cdphe.state.co.us/oeis/p2\\_program/rreofinalrpts.html](http://www.cdphe.state.co.us/oeis/p2_program/rreofinalrpts.html). Final metrics (job creation, diversion rates and budget expenditures) for these projects are available in the appendix.

<b>Grantee Name:</b> Alpine Waste & Recycling (“Altogether Recycling”)	
<b>Project Title:</b> Waste Diversion Capacity and Competitiveness Project	
<b>Legal Tax Status:</b> For Profit	
<b>Location of Grantee:</b> Adams County	
<b>Original Grant Award:</b> \$281,000	<b>Total Grant Funds Spent:</b> \$281,000
<b>Abstract:</b> The grant award is for additional processing equipment that will speed up and enhance capabilities of the existing Alpine Waste & Recycling facility. This translates to more capacity and further sustaining the facility for future growth. The Alpine Facility has opened up opportunities for other Colorado waste haulers to offer recycling to their customers.	
<b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> The new baler was installed in February 2009. Having the new baler has increased capacity by 30%. As a result of this grant, over 50 “green” jobs	

have been created and Altogether Recycling will continue to be a viable option to other waste haulers in the state, who provide curbside recycling to their customers.
<b>Six-Month Update (7/1/09 – 12/31/09):</b> Since the baler was installed, Alpine Waste & Recycling's volume of recycled materials processed has doubled. They are currently upgrading other equipment to keep up with the increased volume. They hope to double the amount of recyclables processed at their facility over the next two years.

<b>Grantee Name:</b> City & County of Denver	
<b>Project Title:</b> Increasing Residential & Commercial Organics Waste Diversion in the City & County of Denver	
<b>Legal Tax Status:</b> Government	
<b>Location of Grantee:</b> Denver County	
<b>Original Grant Award:</b> \$215,000	<b>Total Grant Funds Spent:</b> \$214,932.75
<b>Abstract:</b> The grant award will be used for a dual, concurrent pilot program to collect and compost organic waste from (a) Denver residences (yard, food and paper) and (b) commercial operations at Denver International Airport (food). The pilot program will provide data regarding: waste composition, expected diversion rates, public acceptance, staffing needs, operational needs (including route sizes, number of trucks, food vendor needs, residential carts and vendor containers, education, contamination limits, etc.), and cost information to fully develop and implement a permanent program.	
<b>Summary of Grant Cycle (7/1/08 - 6/30/09):</b> Over 3,000 households have participated in the pilot program in Denver County. DIA began their pilot program in January 2009. Each produced valuable information on how to set up a permanent organics compost collection program that will continue to meet their diversions goals. The board approved a second grant award to continue the pilot program until March 2010.	
<b>Six Month Update (7/1/09 – 12/31/09):</b> The pilot project has continued under the ATG program though March 2010. They are performing waste audits to determine what volumes are expected during the summer and fall seasons. Denver is currently determining the next steps for funding the program after the grant ends. There is a lot of support both from residents and local officials to continue the composting program.	

<b>Grantee Name:</b> City of Greeley	
<b>Project Title:</b> Greeley Green-Cycle Center	
<b>Legal Tax Status:</b> Government	
<b>Location of Grantee:</b> Weld County	
<b>Original Grant Award:</b> \$15,650	<b>Total Grant Funds Spent:</b> \$15,650
<b>Abstract:</b> The grant award will enable the City of Greeley to substantially increase community use of the Greeley Green-Cycle Center by providing community outreach support in the form of print, radio and television promotion, educational/informational brochures, site signage and booths at community events to promote the use of the Greeley Green-Cycle Center for diversion of green waste from the landfill.	
<b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> The grant funds were used for advertising through radio ads, local newspapers and inserts in water bills. They advertised both the green center and other “green” events (Christmas tree collection, Halloween pumpkin collection, etc.). The center has seen a slight increase in usage over the grant cycle.	
<b>Six Month Update (7/1/09 – 12/31/09):</b> Greeley continues to advertise in the local newspapers and through radio ads. They have seen big increases in compostable materials over the past six months compared to the same time period last year. They are currently working with A1 Organics to expand the program to include food waste, which has the potential to greatly increase the use of the facility.	

<b>Grantee Name:</b> Eco-Cycle	
<b>Project Title:</b> Purchase of a Densifier for Expanded Polystyrene Foam (EPS) Block Foam Recycling	
<b>Legal Tax Status:</b> Nonprofit	
<b>Location of Grantee:</b> Boulder County	
<b>Original Grant Award:</b> \$50,000	<b>Total Grant Funds Spent:</b> \$50,000
<b>Abstract:</b> The grant award is to purchase processing equipment to help solidify the EPS market for the material and expand capacity. Eco-Cycle's Center for Hard-to-Recycle Materials (CHaRM) was established in partnership with the City of Boulder in 2001 to expand recycling opportunities for area residents beyond "traditional" materials such as paper fiber and containers. EPS insulation and packaging was added to the CHaRM roster in 2005 and is the second most-popular material in terms of number of customers.	
<b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> The densifier was purchased and installed in January 2009. They have begun to reach out to commercial customers to begin to increase the amount of EPS recycled.	
<b>Six Month Update (7/1/09 – 12/31/09):</b> Volumes continue to be steady even though a new fee was imposed for hard-to-recycle materials to help with budget issues. Eco-Cycle shipped their first truckload of material out in the fall of 2009 once EPS prices started to recover. They expect volumes to begin to increase as they build their commercial accounts and move to a new location sometime in 2011.	

<b>Grantee Name:</b> Elbert County	
<b>Project Title:</b> Elbert County Recycling and Greenwaste Project	
<b>Legal Tax Status:</b> Government	
<b>Location of Grantee:</b> Elbert County	
<b>Original Grant Award:</b> \$160,000	<b>Total Grant Funds Spent:</b> \$142,270.31
<b>Abstract:</b> The grant award will be used to enhance Elbert County's existing operation to include composting and a year-round household hazardous waste "Drop N' Swap" program, which will create jobs for two additional people. Because of rapid growth in Elbert County, demands and needs for recycling and environmental services are drastically increasing.	
<b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> The county now has a permanent hazardous waste collection program, which includes a "Drop N' Swap" component. Composting has been very popular with local residents. They completed the drilling of a well and have hooked up electricity at the site to further expand their program.	
<b>Six Month Update (7/1/09 – 12/31/09):</b> The "Drop N' Swap" program was open every Saturday during the summer and fall of 2009. Elbert County held two household hazardous waste collection events in July and September 2009. They continue to expand their composting operation since they have both the water well completed and the windrow turner in place.	

<b>Grantee Name:</b> Fruita Monument High School Recycling Club	
<b>Project Title:</b> FMHS Recycling Club Pilot Recycling Program	
<b>Legal Tax Status:</b> School/University	
<b>Location of Grantee:</b> Garfield County	
<b>Original Grant Award:</b> \$3,002	<b>Total Grant Funds Spent:</b> \$2,969.15
<b>Abstract:</b> The grant award was used by the Recycling Club of Fruita Monument High School to purchase recycling bins for the school, and to pay for a waste stream analysis. Having bins placed everywhere in the school will encourage recycling on the campus and reduce the amount of recyclables that are thrown away each month. The long-term plan is to eventually set up a recycling program in the whole school district.	
<b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> The recycling club was able to purchase enough	

recycling bins to have one in every classroom and several in the hallways. They completed a waste analysis and shared the information with the school. The club presented on their project at the energy advisory meeting to promote recycling programs district-wide.
<b>Six Month Update (7/1/09 – 12/31/09):</b> The recycling program continues to expand with additional bins being purchased through fundraisers. The school district now pays for recycling pick-up for the school, due to the success of the program. The program has been expanded to include cardboard. Other schools in the area are now looking to start recycling programs based on the success of the recycling club.

<b>Grantee Name:</b> Greater Dolores Action	
<b>Project Title:</b> Four Corners Recycling Initiative	
<b>Legal Tax Status:</b> Nonprofit	
<b>Location of Grantee:</b> Montezuma County	
<b>Original Grant Award:</b> \$91,212	<b>Total Grant Funds Spent:</b> \$91,211.42
<b>Abstract:</b> The grant award was for a collective effort called the Four Corners Recycling Initiative. It was sponsored by federal, local and private entities in rural Southwest Colorado. The goal is to bring recycling opportunities to federal and local government institutions, schools and private businesses. This effort is concentrating on diverting commonly discarded items (e.g. cardboard, mixed paper and mixed metals) because of the existing infrastructure to process and bale these materials and the marketability of these commodities.	
<b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> Greater Dolores Action hired an outreach and development coordinator to put together educational materials and communicate the program to the area. They purchased and placed a 30-yard and 3-yard dumpster as well as other recycling containers throughout Montezuma County. They also developed a website to educate and provide updates on the recycling program.	
<b>Six Month Update (7/1/09 – 12/31/09):</b> The program continues to expand, with new collection bins being placed at Mesa Verde National Park and the Ute Mountain Tribe. They have filed paperwork for 501(c) nonprofit status to collect donations to help with processing costs. Although prices for recycling commodities have somewhat recovered, they still need to find additional funding to keep their program going.	

<b>Grantee Name:</b> National Recycling Incorporated	
<b>Project Title:</b> Recycling Resources Economic Opportunity Grant Program	
<b>Legal Tax Status:</b> For Profit	
<b>Location of Grantee:</b> Weld County	
<b>Original Grant Award:</b> \$244,641	<b>Total Grant Funds Spent:</b> \$243,725.31
<b>Abstract:</b> The grant award will be to replicate the success of the City of Fort Collins sponsored recycling drop-off center in the City of Greeley, which currently does not have a public recycling facility. The drop-off center will not only divert material from the landfill, but also will create new jobs, save energy and produce revenue for the City of Greeley.	
<b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> The new drop-off site was opened in April 2009. National Recycling Incorporated worked closely with the City of Greeley on construction at the site as part of their urban development plan. Recycled asphalt and cement were used for the road base.	
<b>Six Month Update (7/1/09 – 12/31/09):</b> The volume of collected material continues to increase steadily. The site was adjusted to collect glass separately to reduce amount of storing. National Recycling is working with the City of Greeley to find ways to increase the marketing of the site so volumes will continue to increase.	

<b>Grantee Name:</b> New Community Coalition	
<b>Project Title:</b> Telluride Regional Resource & Recovery Center	
<b>Legal Tax Status:</b> Nonprofit	
<b>Location of Grantee:</b> San Miguel County	
<b>Original Grant Award:</b> \$145,000	<b>Total Grant Funds Spent:</b> \$139,596
<p><b>Abstract:</b> The grant award was provided to the New Community Coalition, a nonprofit supported by the towns of Telluride and Mountain Village, San Miguel County, the Telluride Foundation, San Miguel Power Association, and S.U.N.R.I.S.E., LLC (Sunrise), a local recycling and waste recovery company. Funds were used to purchase a baler and composter for the Resource Recovery Center located in Ilium Valley, approximately five miles from Telluride. A fully equipped Resource Recovery Center is a critical step for the Telluride region and San Miguel County to efficiently and effectively divert compostable, construction and recyclable waste that currently goes to two landfills.</p>	
<p><b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> The baler and composter were received in June 2009. Several delays in the project have caused the equipment not to be fully operational by the end of the grant cycle. The composter was scheduled to be fully operational by end of 2009. The coalition is working with town of Telluride in zero waste initiatives and providing recycling and composting at local festivals.</p>	
<p><b>Six Month Update (7/1/09 – 12/31/09):</b> The composter has been operational since early December 2009. Currently, they have one food waste pilot program being implemented to test composting in the winter months. The baler electrical systems will be completed in early 2010. Sunrise will greatly increase the amount of recyclables processed and shipped thanks to new recycling contract awards. The new will help baler prepare materials for market. Sunrise anticipates additional full-time employees being hired to support the increase in business.</p>	

<b>Grantee Name:</b> Phillips County	
<b>Project Title:</b> Paper and Cardboard Recycling	
<b>Legal Tax Status:</b> Government	
<b>Location of Grantee:</b> Phillips County	
<b>Original Grant Award:</b> \$48,140	<b>Total Grant Funds Spent:</b> \$46,855.20
<p><b>Abstract:</b> The grant award allowed Phillips County to expand local recycling from just cardboard to include newspaper and help increase the current cardboard recycling efforts. Phillips County will retrofit an existing storage building at the Phillips County landfill site in addition to building three newspaper-recycling trailers out of existing equipment.</p>	
<p><b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> The retrofit of the existing building was completed and allowed for expanded storage of cardboard and newspaper. Several trailers were built and are currently being used in Holyoke and Haxtun to collect cardboard from both commercial businesses and local residents.</p>	
<p><b>Six Month Update (7/1/09 – 12/31/09):</b> Due to high demand, two more trailers were added to the program. The cardboard collection is being expanded to include special events that generate large amounts of cardboard. Funding is generated through sale of cardboard and newspaper and is going into the Phillips County general fund.</p>	

<b>Grantee Name:</b> Veltrie Disposal Services	
<b>Project Title:</b> Wet Mountain Valley Partners In Recycling	
<b>Legal Tax Status:</b> For Profit	
<b>Location of Grantee:</b> Custer County	
<b>Original Grant Award:</b> \$9,700	<b>Total Grant Funds Spent:</b> \$9,506.94
<p><b>Abstract:</b> The grant award was used by Veltrie Disposal Services and High Country Recycling in collaboration with the Custer County Commissioners, the Landfill Manager, towns of Westcliffe</p>	



and Silver Cliff, the School District, Chamber of Commerce, KWMV 95.9 FM, Wet Mountain Tribune, Upper Arkansas Recycling, Medical Center and Custer Enterprises to increase the volume of recyclables currently collected by a minimum of 40%. This will be done by: 1) purchasing a baler and initiating daily drop-off sites for plastic and cardboard recycling; 2) establishing multifaceted and multi-targeted year-round “Reduce, Reuse and Recycle” education and information awareness events and program; 3) constructing a computerized data collection and evaluation system to track, measure and analyze landfill waste and recyclable collection over time; and 4) by creating a county-wide integrated landfill diversion and waste management plan.
<b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> The new baler was purchased in August 2008. Veltrie developed a waste diversion plan to extend the life of the landfill. They worked with several local groups to educate residents about recycling. Several volunteers helped with the collection and baling of recyclables.
<b>Six Month Update (7/1/09 – 12/31/09):</b> The volume of material collected continues to be steady, even through the winter months. Several businesses in town drop off their cardboard at the drop-off site at the landfill. They have also started collecting electronics. They are working with local officials to receive additional funding to keep expanding the program.

<b>Grantee Name:</b> Waste Management of Colorado	
<b>Project Title:</b> Denver Arapahoe Disposal Site Diversion Center (DADSDC)	
<b>Legal Tax Status:</b> For Profit	
<b>Location of Grantee:</b> Arapahoe County	
<b>Original Grant Award:</b> \$113,000	<b>Total Grant Funds Spent:</b> \$113,000
<b>Abstract:</b> The grant award created the Denver Arapahoe Disposal Site (DADS) Diversion Center. It is available to the general public, as well as selected commercial customers to drop off and divert portions their loads for reuse and recycling. The Diversion Center consists of a 26,000 square foot paved area located adjacent to the main haul road with a series of well-marked containers. Materials placed in the containers and dropped off in designated areas is loaded and taken to one of the Waste Management/Recycle America processing facilities or a third-party recycling facility, located in the Denver area.	
<b>Summary of Grant Cycle (7/1/08 – 6/30/09):</b> Construction of the Diversion Center was completed in June 2009. An open house was held with the mayor of Aurora attending. Customers are able to drop off both their recyclables and trash in one trip. Most recyclable materials can be dropped off for free for customers.	
<b>Six Month Update (7/1/09 – 2/31/09):</b> Due to the success of the program, Waste Management has expanded the site to include drop off of white goods (refrigerators, water heaters, etc.), electronics (CPUs, monitors, etc.) and asphalt shingles. Volumes have been steady as more residents and self-haulers learn about the drop-off center. Waste Management hopes to use this as an example for other landfills in the state.	

#### **d. Grant Monitoring and Reporting**

Department staff monitors all grants to ensure they are meeting the requirements of their Scope of Work and contracts/purchase order. Ongoing communication with the grantees is done through conference calls, e-mails, meetings and site visits. Each grantee is also assigned two members of the committee to act as grant monitors and provide technical assistance when needed. At minimum, the grantee must provide a biannual and a final report to the department.

The final report includes:

- A financial summary;
- All deliverables;
- A list of completed tasks and outcomes;
- Description of unanticipated outcomes or roadblocks encountered;
- Discussion of potential future applications of project results;
- One page summary describing: new jobs created; economic impact of project; increased volumes of materials collected; and/or participation in recycling that occurred as a result of the project; and environmental metrics and outcomes resulting from the project.

To review final reports for FY 2009 grants, please visit the following website:

[http://www.cdphe.state.co.us/oeis/p2\\_program/rreofinalrpts.html](http://www.cdphe.state.co.us/oeis/p2_program/rreofinalrpts.html).

#### **IV. RREO Special Grant Project: Planning for Disasters and How to Recycle Waste/Debris**

##### **a. Background**

Responding to the Windsor tornado disaster of May 2008, the committee worked quickly to develop a solicitation to incorporate recycling and reuse of disaster debris into local disaster recovery plans. In the wake of storms, floods, tornadoes, fires and other disastrous events, communities must determine how to quickly perform waste clean-up operations. While much debris may be recyclable or reusable, time may be too short to allow for responders to separate recoverable materials from waste that is sent for landfill disposal. Counties and local emergency planning groups were encouraged to apply for a grant to be used to develop community-specific or area-specific debris recovery plans. This grant was meant to support ongoing effort by the State of Colorado's Division of Emergency Management to bring attention to the importance of debris management planning.

##### **b. Recycling Disaster Debris Grant Solicitation**

The Request for Proposal (RFP) was prepared by the committee with assistance from department and was approved by the board for release in September 2008. The department's purchasing and contracts division also reviewed the RFP to ensure compliance with state procurement guidelines. All grants were completed within fiscal year 2009.

Projects that were eligible for the FY 2009 disaster planning grants addressed some or all of the following types of actions:

- Increase levels of recycling, beneficial use and reuse, and/or composting, and which divert more materials from landfill disposal;
- Identify local infrastructure (landfills, recyclers, reusers, industrial wood grinding equipment, marketing of discarded materials, as well as for appropriate collection (garbage companies, heavy equipment fleets in the area/region) of trash and other landfill-bound debris;
- Identify public-private partnerships to promote waste diversion, recycling, recycling markets, the beneficial use of discarded materials, or other recycling-related uses;

- Provide information about how citizens will be informed of recycling/recovery/reuse opportunities that would be available in the aftermath of disasters;
- Provide information about the potential for recruiting Colorado citizens to act as volunteers in aiding disaster recovery/recycling activities;
- Evaluate ways to prevent contamination to source separated materials from hazardous materials such as asbestos, and to prevent illegal waste stockpiles from occurring during disaster cleanups; and/or
- Provide information about the special disposal needs that may occur from the accumulation of animal mortalities.

**c. FY 2009 RREO Recycling Disaster Debris Grants**

In the FY 2009 RREO grant cycle, two applicants were awarded funding for a total of \$15,000. Grantees began their projects on or after December 1, 2008, and completed their projects on June 30, 2009. The following is a summary of results during the grant cycle. For detail description of these projects, please review their final reports and disaster debris plans on our department website: [http://www.cdphe.state.co.us/oeis/p2\\_program/rreofinalrpts.html](http://www.cdphe.state.co.us/oeis/p2_program/rreofinalrpts.html).

<b>Grantee Name:</b> Mesa County Health Department	
<b>Project Title:</b> Mesa County Emergency Operations Plan: Debris Recycling and Recovery Annex	
<b>Legal Tax Status:</b> Government	
<b>Location of Grantee:</b> Mesa County	
<b>Original Grant Award:</b> \$7,500	<b>Total Grant Funds Spent:</b> \$7,500
<b>Abstract:</b> Mesa County Health Department, in partnership with Mesa County Emergency Management and Mesa County Waste Management collaborated to develop a Debris Recycling and Recovery Annex (Emergency Support Function {ESF} 14) to the Mesa County Emergency Operations Plan, revision and upgrades to the Mesa County Emergency Management website, and feasibility planning for disaster debris recovery efforts.	
<b>Summary of Grant Cycle (12/1/09 – 6/30/09):</b> Mesa County developed draft content for Debris Recycling and Recovery Annex plan. They also developed an emergency contact database for recyclers and debris recovery. Lastly, they developed criteria and revisions to the emergency management website.	

<b>Grantee Name:</b> Northeast All Hazards	
<b>Project Title:</b> Northeast All Hazard Debris Management Plan	
<b>Legal Tax Status:</b> Government	
<b>Location of Grantee:</b> NE Colorado (Logan, Morgan, Phillips, Sedgwick, Washington and Yuma counties)	
<b>Original Grant Award:</b> \$7,500	<b>Total Grant Funds Spent:</b> \$7,500
<b>Abstract:</b> Northeast Colorado is comprised of the counties of Sedgwick, Morgan, Phillips, Logan, Washington, Yuma and Lincoln. County landfills are utilized when a storm sweeps through the plains of Eastern Colorado. Each county relies on the county-owned landfill as the receiving point for all waste streams, including green waste that occurs during many of these natural disasters. Otherwise the waste streams are dumped illegally, which creates potential insect and weed infestation, water quality and solid waste issues, and additional fire hazards within this planning area. This project assisted the region ensuring that waste streams are disposed of properly and that the public's general welfare and health is maintained when their assistance is required in time of emergency.	
<b>Summary of Grant Cycle (1/1/09 – 6/30/09):</b> Northeast All Hazards met with local emergency managers, county commissioners and residents to provide training on debris management, FEMA	

rules and recycling. They developed an inventory of all local recyclers available and distributed to all local emergency managers. They also developed a disaster debris plan and educational brochures.

#### **d. Grant Monitoring and Reporting**

Department staff monitors all grants to ensure they are meeting the requirements of their Scope of Work and their contract or purchase order. Ongoing communication with the grant recipients was conducted through conference calls, e-mails, meetings and site visits. The grantees provided a final report to the department. The final report includes:

- A financial summary;
- All deliverables;
- A list of completed tasks and outcomes;
- Description of unanticipated outcomes or roadblocks encountered;
- Discussion of potential future applications of project results;
- Final disaster recovery plan that includes process to recycle disaster debris.

In the event that the disaster recovery plan is utilized to respond to a disaster event, a one-page report to the department on the plan's utility will be requested to be submitted.

### **V. RREO Recycling Rebate Program**

#### **a. Background**

The recycling rebates were created to reward those companies and organizations that offer recycling services throughout the state of Colorado. Although there is no specific requirement on how an entity's rebate funds may be used, the intent is for the entities to reinvest the funds to continue to support or expand their recycling services. The rebates are issued biannually based on submitted data from the previous six-month period. The amount of funding available for recycling rebates equals 25% of RREO fund revenue during the six-month period.

#### **b. Recycling Rebate Application**

The committee develops the Recycling Rebate Application (RRA) each rebate cycle and presents their recommendation to the board for approval. The RRA describes the eligible rebates that are offered and the formula that is used to determine the amount of rebate an entity may receive.

In 2009, a total of \$582,514 in rebates was issued (\$295,449 in the first round and \$287,065 in the second round). The rebates were distributed to curbside recycling haulers and glass haulers. Both rebate cycles employed the following structure:

##### **i. Curbside Recycling (50% of rebate funds)**

The curbside recycling rebate was available for any hauler who collected recyclable materials through a residential curbside collection program in areas where local government regulations do not require recycling, or in areas where recycling is not funded by governmental fees and/or taxes. The goal of this rebate is to reward those haulers who provide curbside recycling services in areas where they are not subsidized by local government.

ii. Glass Shipping (50% of rebate funds)

The glass shipping recycling rebate was provided to glass recyclers that ship glass to in-state end users. The committee wanted to encourage the collection of glass as a separate stream so that more material makes it to market for reuse and amounts lost due to breakage and improper sorting are minimized.

**c. Rebate Application Evaluation/Audit**

Department staff reviewed all applications to determine if the applicant was eligible for the rebate. Staff used an internal database developed by the Hazardous Materials and Waste Management Division to verify local ordinances for cities and counties that either require recycling services be provided or have a recycling fee structure in place.

Staff is also required to audit at least 10% of received applications per committee by-laws. For the 2009 rebate cycles, staff completed audits on 70% of the applications to ensure accurate information was submitted. Audits include: a verification of customer lists, contacting end users of the recycling commodities, and/or submittal of weight slips or spreadsheets that demonstrate figures provided are accurate. All rebate amounts were approved by the board based on the recommendation of the committee.

**d. 2009 Recycling Rebate Payments**

**i. 2009 First Round – 7/1/08 to 12/31/08 – Part A: Curbside Recycling**

<b>Waste Hauler</b>	<b>Recycling Rebate Amount</b>
Phoenix Recycling, LLC	\$625.63
Bestway Disposal	\$3,337.88
City of Thornton	\$12,308.80
Pro Disposal	\$16,978.07
EDS Waste Solutions	\$7,707.88
Alpine Waste & Recycling	\$2,642.73
One Way, Inc.	\$413.55
Western Disposal	\$11,799.82
Gallegos Sanitation	\$7,884.61
Waste Management	\$83,778.10
Green Girl Recycling	\$247.42
<b>Total:</b>	<b>\$147,724.50</b>

**ii. 2009 First Round – 7/1/08 to 12/31/08 – Part B: Glass Recycling**

<b>Glass Shipper</b>	<b>Recycling Rebate Amount</b>
City of Fort Collins Natural Resources Department	\$722.49
Dahl Recycling	\$30,280.25
Upper Arkansas Recycling	\$16,585.46
Boulder County Recycling Center	\$56,865.86
City of Loveland Solid Waste Division	\$1,090.73
Summit County Waste Facility	\$14,292.68
Alpine Waste & Recycling	\$1,314.19
Waste Management (Grand Junction)	\$4,766.72

#1 Recycling	\$13,518.68
WM Recycle America	\$3,334.96
New Belgium Brewing Company	\$2,519.21
Angel of Shavano Recycling	\$2,433.29
<b>Total:</b>	<b>\$147,724.50</b>

iii. **2009 Second Round – 1/1/09 to 6/30/09 – Part A: Curbside Recycling**

<b>Waste Hauler</b>	<b>Recycling Rebate Amount</b>
Pro Disposal	\$16,370.83
Green Girl Recycling Services	\$194.62
City of Thornton	\$11,084.66
One Way, Inc.	\$410.27
EDS Waste Solutions	\$8,567.28
Bestway Disposal	\$11,088.87
GJCRI	\$3,317.93
Waste Management	\$81,860.47
Alpine Waste	\$2,754.07
Gallegos Sanitation	\$7,352.25
Phoenix Recycling, LLC	\$531.25
<b>Total:</b>	<b>\$143,532.50</b>

iv. **2009 Second Round – 1/1/09 to 6/30/09 – Part B: Glass Recycling**

<b>Glass Shipper</b>	<b>Recycling Rebate Amount</b>
Upper Arkansas Recycling	\$9,074.18
#1 Recycling	\$10,115.58
Boulder County Resource Conservation Division	\$45,694.44
City of Loveland Solid Waste Division	\$4,276.02
City of Durango	\$11,127.58
Dahl Recycling	\$20,183.77
Summit County Resource Allocation Park	\$13,281.47
New Belgium Brewing Company	\$3,025.99
GJCRI	\$14,531.96
Waste Management (Franklin Street MRF)	\$1,433.61
Waste Management (Grand Junction)	\$9,545.76
Alpine Waste & Recycling	\$1,020.46
Gallegos Sanitation	\$221.67
<b>Total:</b>	<b>\$143,532.50</b>

## **VI. Conclusions**

### **a. Next Steps**

The RREO grant program is scheduled to sunset on July 1, 2010. Legislation to repeal the sunset provision is currently being reviewed in the Colorado legislature. If the sunset is not repealed, the program will end on June 30, 2010. If the sunset is repealed, the next steps for the program include the following:

- Grants funded under the 2009 RREO program are scheduled to be completed by June 30, 2010. Final results from these grants, including tons of material diverted and number of jobs created will be included in the 2011 legislative update.
- The RFA for the third round of RREO grants was released on January 11, 2010. The deadline for submittal is March 3, 2010. The grant review committee will evaluate applications and recommend projects for funding to the board. Grant recipients will begin their 2011 grants on July 1, 2010. The 2011 RFA was developed using a similar process to the one described in Section III of this document.
- The application for the first round of 2010 recycling rebates (covering the period 7/1/09 – 12/31/2009) will be available in February 2010. The application for the second round of 2010 recycling rebates (covering the period 1/1/10 - 6/30/10) will be available in August 2010. The final decision on what recycling commodities will be eligible for 2010 rebates has not been determined as of the completion of this report.

### **b. Final Thoughts**

The grant program has achieved much success by increasing waste diversion, creating jobs and investing in recycling infrastructure to further expand recycling in Colorado. As a result of 2009 grants, over 60 “green” jobs were created, over 80,000 tons of recyclables were diverted from the landfill, and over 60% of the grant award funding was spent on capital equipment. Secondary benefits are funds being spent for consultants and contractors who helped make these grant projects successful (see appendix for detailed spreadsheet).

The benefits from 2010 grants will be difficult to measure until the completion of projects in June 2010. Over \$1 million dollars is scheduled to be spent on capital equipment, further expanding Colorado’s recycling infrastructure. Grant projects for 2010 include: the expansion of compost operations in Boulder, Summit and Routt counties; the purchase of a baler and construction of a recycling storage building in Grand Junction; and the investment in new technology to incorporate recycled glass in asphalt, creating an additional end user in the state.

Rebates continue to be invested in areas of the state where curbside recycling is offered but not mandated by local government and where taxes are not used to support curbside recycling services. In addition, rebates continue to encourage and expand glass recycling, which can be a difficult material for the single-stream recycling process. The glass rebate

helps promote the collection of contaminant-free glass that can be used by one of the state's largest end users, Rocky Mountain Bottle Company.

The level of interest for the RREO grants in the state continues to be strong. Over 150 people representing over 50 companies involved in green industries attended last year's bidder's meeting. With the possible sunset of the law in June 2010, it is the hope of the board, committee and the department that this program will have an opportunity to continue to expand the recycling options for Colorado. With the focus on sustainability both in our everyday living and at our places of work, investing in recycling helps continue the goals of helping our environment and a healthier lifestyle for the citizens of Colorado.



# **APPENDIX**

RREO Grants - Final Payout Results  
FY 2009 : 7/1/08 - 6/30/09

Budget Item	Alpine Waste & Recycling	City & County of Denver	City of Greeley	Eco-Cycle	Elbert County	Mesa County*	NE All Hazards*	Fruita MHS	Greater Dolores Action	National Recycling	New Community Coalition	Phillips County	Veltrie Disposal	Waste Management	Category Total	Percentage Breakdown	
Personnel Salaries	\$0.00	\$49,855.00	\$0.00	\$0.00	\$42,557.72	\$5,653.24	\$3,792.00	\$0.00	\$0.00	\$3,540.00	\$0.00	\$1,529.51	\$0.00	\$0.00	\$106,927.47	7.83%	Personnel Salaries
Fringe Benefits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,098.00	\$0.00	\$0.00	\$1,098.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,098.00	0.08%	Fringe Benefits
Tuition/Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	Tuition/Fees
Travel Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$622.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$622.00	0.05%	Travel Costs
Materials/Supplies/Equipment(under \$5000)	\$0.00	\$2,855.63	\$3,000.00	\$0.00	\$3,855.93	\$366.76	\$1,988.00	\$2,969.15	\$7,501.02	\$4,000.00	\$0.00	\$0.00	\$1,195.02	\$0.00	\$27,731.51	2.03%	Materials/Supplies/Equipment(under \$5000)
Equipment Purchases (over \$5000)	\$269,251.00	\$99,539.99	\$0.00	\$49,100.00	\$87,284.66	\$0.00	\$0.00	\$0.00	\$62,848.15	\$134,742.00	\$139,596.00	\$8,000.00	\$6,575.31	\$0.00	\$856,937.11	62.75%	Equipment Purchases (over \$5000)
Contractors/Subcontractors	\$11,749.00	\$15,207.04	\$0.00	\$900.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,000.00	\$93,711.42	\$0.00	\$37,097.81	\$0.00	\$105,000.00	\$274,665.27	20.11%	Contractors/Subcontractors
Consultants	\$0.00	\$47,475.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$7,731.89	\$0.00	\$0.00	\$0.00	\$8,000.00	\$63,206.98	4.63%	Consultants
Training/Education	\$0.00	\$0.00	\$0.00	\$0.00	\$495.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$297.50	\$0.00	\$792.50	0.06%	Training/Education
Marketing/Advertising	\$0.00	\$0.00	\$12,650.00	\$0.00	\$1,456.00	\$0.00	\$0.00	\$0.00	\$6,751.61	\$0.00	\$0.00	\$227.88	\$1,439.11	\$0.00	\$22,524.60	1.65%	Marketing/Advertising
Other Direct Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$6,621.00	\$0.00	\$0.00	\$0.00	\$2,217.69	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,838.69	0.65%	Other Direct Costs
Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,480.00	\$0.00	\$0.00	\$892.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,372.95	0.17%	Indirect Costs
Total Payout	\$281,000.00	\$214,932.75	\$15,650.00	\$50,000.00	\$142,270.31	\$7,500.00	\$7,500.00	\$2,969.15	\$91,211.42	\$243,725.31	\$139,596.00	\$46,855.20	\$9,506.94	\$113,000.00	\$1,365,717.08	100.00%	
Job Creation (per Final Report Metrics)**	52	0	1.5	0	1.6	0	0	0	0	1	5	0.4	0	1	62.5		Jobs Created
Average Salary	\$15,001- \$30,000	n/a	\$15,001- \$30,000	n/a	\$15,001- \$30,000	n/a	n/a	n/a	n/a	Less than \$15,000	\$30,001 - \$40,000	Less than \$15,000	n/a	\$15,001- \$30,000			
Materials Diverted (in Tons: 7/1/08 - 6/30/09)***	19,468.99	861.69	4,313.04	16.50	31.30	0.00	0.00	3.50	130.76	40.51	1.50	11.00	70.75	17.73 2279.4	24,967.27 2279.4		Tons Diverted Additional Materials Diverted (in Tons)****
Six Month Summary Update FY 2010: 7/1/09 - 12/31/09																	
Job Creation**	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4		Jobs Created
Average Salary	\$15,001- \$30,000	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a			
Materials Diverted (in Tons: 7/1/09 -12/31/09)	25,702.00	737.97	2,420.04	15.00	55.00	0.00	0.00	1.85	74.78	301.00	12.30	67.39	106.56	29.79 30,024.24	29,523.68 30,024.24		Tons Diverted Additional Materials Diverted (in Tons)****

\* Grants were for developing Disaster Debris plans. Not intended for job creation or diversion of materials.  
\*\* 1 FTE = 2080 hrs worked per yr  
\*\*\* Based on month grantee diversion number would be impacted by completion of project. Varies from grant to grant.  
\*\*\*\* Includes Asphalt Singles & White Goods collected by Waste Management at DADS DRC, but were not originally part of project plan. Included to represent expansion of recycling activities.

# STATE OF COLORADO

Bill Ritter, Jr., Governor  
James B. Martin, Executive Director

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Colorado Department  
of Public Health  
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## **Recycling Resources Economic Opportunity Fund Grant Program C.R.S. Chapter 270 Article 19.7 25-16.5-106.5**

### **Request for Application (RFA) February 2008**

#### **1.0 Grant Program Goals**

The Colorado Department of Public Health and Environment (the department) working through its Pollution Prevention Advisory Board (board) and the Assistance Committee to the board (committee), is requesting applications for grants that will be awarded from the Recycling Resources Economic Opportunity (RREO) Fund.<sup>1</sup> The Recycling Resources Economic Opportunity Act created a recycling grant program that is intended to fund implementation projects that promote economic development through the productive management of recyclable materials that would otherwise be treated as discards. Projects that meet this goal may be designed to implement source reduction, recycling, beneficial use/re-use, anaerobic digestion, or composting, for a wide variety of materials.

This will be the first year for RREO grant funding; approximately \$1.2 million is expected to be available in the fiscal year 09 grant cycle to fund multiple projects of one year in duration.

The committee is specifically looking to fund projects that have the ability to be sustainable beyond the scope of the grant, will enhance the financial viability of recycling in Colorado, and that will create new jobs in the state.

Applicants may wish to refer to several preliminary reports that were recently drafted that focus on the state's current situation in terms of: gaps in the local recycling industry; commodities that are failing to be diverted or recycled in Colorado; and, demographic and geographic distribution of waste diversion opportunities (available at [http://www.cdphe.state.co.us/el/p2\\_program/rreogrants.html](http://www.cdphe.state.co.us/el/p2_program/rreogrants.html)).

#### **2.0 Application Procedures:**

##### **2.1 Time Line**

<b>Time Line for 2008-09 Colorado Recycling Grant Program</b>	
February 11, 2008	Release of RREO Request for Application
February 25, 2008 1:00 – 3:00 p.m.	Bidders' Meeting
March 28, 2008 <b>5:00 p.m.</b>	Application Due Date
May 1 – June 30, 2008	Notice of Grant Award and Issuance of Contracts and Purchase Orders
July 1, 2008	Effective Start Date for Awardees
June 30, 2009	Completion of 2008-09 Grant-funded Projects

<sup>1</sup> C.R.S. Chapter 270 Article 19.7 25-16.5-106.5

## 2.2 Optional Pre-bid Meeting

Grant applicants are strongly encouraged to attend an optional meeting on February 25, 2008, from 1:00 – 3:00 pm in the Sabin Room at the Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South, Denver, 80246, when the Committee will address questions related to this RFA. Questions to be answered at this meeting may be submitted in advance to Assistance Committee Chair, Marjorie Griek at [mgriek@cafr.org](mailto:mgriek@cafr.org). Please submit questions no later than 12:00 p.m. on Friday, February 22. Answers to questions posed by e-mail and during this meeting will be posted on the department's website by February 28. Please RSVP for the meeting by contacting Rachel Wilson-Roussel, PPAB Administrator, at 303-692-2976 or [rachel.wilson-roussel@state.co.us](mailto:rachel.wilson-roussel@state.co.us). Applicants who are unable to attend the applicants' meeting in person may join the meeting via teleconference. See the Pollution Prevention Advisory Board website for more information [http://www.cdphe.state.co.us/el/p2\\_program/rreogrants.html](http://www.cdphe.state.co.us/el/p2_program/rreogrants.html).

## 2.3 Application Submittals

Applications must be received by the 5:00 p.m. deadline on March 28, 2008, in order to be considered. **Only electronic applications will be accepted.** The full application, excluding appendices, must not exceed ten (10) consecutively numbered (bottom center), 8.5x11-inch pages of single-spaced, standard 12-point type with 1-inch margins, must be contained in a single document, and must be in PDF format. Incomplete applications and applications received after this deadline will **not** be accepted. All applicants will receive e-mail notification of the receipt of their application within one business day.

## 3.0 Scope of Grant Program

Funds available for this program are created by the state's Recycling Resources Economic Opportunity Act of 2007, which collects a surcharge on waste taken to Colorado landfills for disposal and increases the state's waste tire disposal fund. The Act establishes that recycling is an important means of accomplishing:

- environmental benefits;
- economic benefits to the state, including job development; and
- preservation of the state's natural beauty.

To address these opportunities, the RREO Grant Program is hereby available for award to qualified applicants whose applications meet the general objects of:

- Accomplishing greater levels of solid waste minimization, waste diversion (from landfill disposal), recycling (for various materials or products), and composting;
- Developing best practices in recycling, waste minimization and diversion, and composting;
- Improving market research/data to identify waste reuse opportunities;
- Providing detailed economic information on the impacts of recycling in Colorado; or
- Providing more education and information to residents of the state about recycling.

For the purposes of this grant, food waste sent to an anaerobic digester is included by definition as municipal solid waste (MSW) that has been collected and sorted and used as a raw material to produce methane gas; however, other Waste to Energy projects are ineligible for this grant.

## 3.1 Eligibility

Entities that are eligible to apply include:

- Public and government agencies, including universities and schools
- Private sector (for-profit, and nonprofit, organizations) that have the approval and/or support of a local government agency<sup>2</sup>
- Private sector, without approval of local government, when the application includes documentation that the project will be beneficial to the local community
- Out-of-state companies or organizations that are expanding in or relocating to Colorado; have an in-state business presence (i.e., facilities, equipment, employees); and, are registered as doing business in Colorado and whose project benefits Colorado directly.

Applications for projects 12 months in length will be accepted. No loans will be approved from the Recycling Grant in fiscal year 2009. Grantees will receive money in accordance with rules stipulated by the department.

#### **4.0 Grant Priorities**

Based on preliminary studies (see [http://www.cdphe.state.co.us/el/p2\\_program](http://www.cdphe.state.co.us/el/p2_program)) to evaluate waste diversion and recycling needs in Colorado, the committee has created a tier system to prioritize the types of projects that will best help the state increase waste diversion and create economic opportunities (priorities may change in future grant cycles). These are:

First Tier Applications that will be strongly considered in the FY09 grant cycle will address some or all of the following *types* of projects (in no order of priority):

1. Implement projects that directly result in increased levels of recycling, beneficial use and reuse, and/or composting, and which divert more materials from landfill disposal
2. Develop or expand local economic infrastructure for the sustainable use and/or marketing of discarded materials
3. Develop or expand local recycling infrastructure
4. Undertake sustainable resource education programs
5. Develop or implement sustainable resource plans or programs for the use or collection of discarded items

Second Tier projects will also be given consideration that:

6. Provide local incentives to develop or expand markets for recycled products
7. Provide assistance in connection with the development or improvement of integrated waste management plans by local governments that focus on diversion
8. Form public-private partnerships to promote waste diversion, recycling, recycling markets, the beneficial use of discarded materials, or other recycling-related uses

A Third Tier of projects that are eligible for consideration, but which may not rate as highly during the FY09 grant cycle, may address:

9. Cleaning up illegal waste dumping
10. Reducing waste tire stockpiles

#### **5.0 Application Evaluation Criteria and Ranking System**

Applications will be evaluated from several different perspectives:

- The needs of the community submitting the application;

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<sup>2</sup> Local government may include municipal, county, regional authorities, or special improvement district agencies.

- The application's local economic and environmental impacts, such as market development for recycled materials; and
- The amount of money that has been raised for the fund by landfill surcharges in the region of the state in which the project will be located.

Threshold requirements that must be met before any application will be fully evaluated include:

- Completed application;
- Demonstrable merit and feasibility of project;
- Clearly expressed goals and objectives; and
- Clearly defined, measurable outcomes.

#### 5.1 Environmental Benefits (0-20 points)

- Significance of project results on recycling, waste diversion, and/or waste minimization; and
- Resource conservation; greenhouse gas reduction; energy conservation; water quantity and quality, or other environmental indicator(s).

#### 5.2 Economic Impact (0-20 points)

- Actual new revenues and other economic benefits that will occur as a result of project
  - Defined potential for economic growth in Colorado; and
- Actual increase in jobs that will occur as a result of project
  - Defined potential for other new job development for Colorado businesses.

#### 5.3 Feasibility of Successful Implementation (0-20 points)

- Potential for ongoing viability beyond the 12-month funding period;
- Degree of practical implementation;
- Quality of partnership(s) and amount of support and/or funding leveraged; and
- Level of need in the community and uniqueness of services that will be provided.

#### 5.4 Measurable Results (0-25 points)

- Potential for success and measurable results concerning waste diversion;
- How the project involves recyclable materials/systems that are pertinent for Colorado; and
- What metrics will be used; how measurements will be made and documented.

#### 5.5 Experience and Qualifications (0-15 points)

- What is the level of applicants' relevant education and/or experience;
- What abilities does the applicant possess that will make the project a success;
- Ability to complete the project; and
- Other sources of support or contributions that will be made to the project.

### 6.0 Required Application Format

Sections 6.1 – 6.6 of this application must not exceed ten (10) consecutively numbered (bottom center), 8.5x11-inch pages of single-spaced, standard 12-point type with 1-inch margins.

#### 6.1 Cover Sheet

The application cover sheet will contain the following information: project title, organizational contact information, federal tax identification number, total amount of funding requested, and contacts for the



project director and the financial officer. Please see the cover sheet form on the RREO website:  
[http://www.cdphe.state.co.us/el/p2\\_program/rreogrants.html](http://www.cdphe.state.co.us/el/p2_program/rreogrants.html)

## 6.2 Project Abstract

Provide a brief description of your application and clearly state how it will help meet the goals and objectives of the RREO Grant Program. Abstract should be no more than **125 words**. Please keep this paragraph free of any proprietary information.

## 6.3 Application Narrative

Provide a short response to the following questions.

### 6.3.1 Criterion: Environmental Benefits

- Provide an estimate (quantified) of the project's results on recycling, waste diversion, and/or waste minimization in the state of Colorado and indicate the timing for when those benefits will occur.

### 6.3.2 Criterion: Economic Impact

- Quantify the potential for economic growth and job development for Colorado businesses, and/or potential to introduce markets or business development that will advance Colorado's waste diversion. Provide information to substantiate/justify calculations.

### 6.3.3 Criterion: Feasibility of Successful Implementation

- Describe the project's goals and objectives and describe how you will achieve them.
- What major challenges will exist for project success/completion and how will they be addressed?
- What are the plans for ongoing operations or services after the grant period ends, and how will they be funded?
- How involved will partners be in helping ensure success?
- Describe the community's need for the services provided by this project, e.g., are there existing local service providers; will the service be unique to the community?

### 6.3.4 Criterion: Measurable Results

- Describe what metrics or indicators will be used to monitor the project's progress, and how measurements be documented.
- Provide data-driven information about types/quantities of materials that are proposed to be diverted or to substantiate need for the proposed project.

### 6.3.5 Criterion: Experience and Qualifications

- Describe the applicant's relevant education and/or experience.
- If there is a partnership involved, how will relationships be maintained; what are the roles and responsibilities of the partners?
- What abilities does the applicant possess that will make the project a success?
- If applicant is an existing business, include a copy of your Articles of Incorporation in the appendix. If part of the regulated community, describe your compliance status.

## 6.4 Methodology and Work Plan

Provide a business or work plan for the project that shows a thorough knowledge of the current situation in the field/industry, how this project will improve new industry opportunities and increased waste diversion in Colorado, and how it will be sustained in the future.

### 6.4.1 Fully describe all elements of the project, including, but not limited to:

- Provide a chart (a simple spreadsheet is sufficient) for the project's schedule and timeline, including estimated completion dates for major activities and tasks during the grant period.
- Deliverables associated with each activity MUST be identified.
- Clearly define who is responsible for each activity and deliverable.
- Include key decision points for early project termination if the project is not meeting scheduled deliverables.

### 6.4.2 For any equipment or capital purchase that is proposed, provide full industry specifications (make, model, serial number, age, ownership, etc.) and describe purpose/application of each item in respect to the project.

## 6.5 Budget

### 6.5.1 Itemized Budget

Provide a spreadsheet of all project costs, such as personnel salaries (showing budgeted hours and rate), benefits, equipment, materials, supplies, subcontracts, etc. Travel costs are limited to those which are directly essential to accomplish the project. Indirect costs are discouraged and must not exceed 20% of the grant request. If indirect costs are included, they must solely benefit this project or be pro-rated, or could be subject to exclusion from funding.

### 6.5.2 Budget Narrative

The budget narrative describes how costs are determined and how they relate to the project. Indicate any other funding sources that will be used for this project and describe any plans to attract additional funding.

### 6.5.3 Budget Changes

During the course of the project the project director may elect to reallocate up to 5% of the funds awarded to accommodate unforeseen task changes. Any amount for reallocation over 5% will require prior written approval by the board.

## 6.6 Project Staff Experience, Qualifications and Facilities Requirements

Describe the project staff responsibilities and qualifications. Include brief resume/summary of qualifications and previous accomplishments (for similar projects) for project manager(s).

Describe the resources available, including facilities, manufacturing capabilities, major equipment and other technical and administrative resources that will be required.

Applicants who are selected for funding must also provide proof of insurance. If currently part of the regulated community, compliance history will be considered. If proposed project requires any type of permit or regulatory licensing, applicant must be prepared to provide documentation of compliance, if funded.

## 6.7 Appendix

Please include citations of any patents or references used in the application. Include any letters of support or other important materials critical to evaluating the application.

### 6.7.1 Letters of Support - Local Government Approval

Private sector applicants must include:

- A letter from a local government agency that indicates their approval of the project

**OR**

- Documentation that the project would be beneficial to the community that would be affected by the grant award.

## 7.0 Proprietary Information Policy

If proprietary information is provided by an applicant that constitutes a trade secret, confidential personnel information, or proprietary commercial or financial information, it will be treated in confidence by the department and the board provided this information is clearly marked with the term “Proprietary Information” on each appropriate page.

## 8.0 Reporting Requirements

Reports will be due for milestones to be identified by the grant applicant, or at a minimum bi-annually. Indicate milestones and deadlines for progress reports. A draft final report is due 30 days after the grant closes and a final report is due 60 days after grant closes that incorporates feedback from the committee and the board.

All reporting must include a financial status summary, and identify the deliverables and tasks completed during the reporting period. Include a description of the work completed, the findings or results, any unanticipated outcomes or roadblocks encountered and potential future applications of project results. Explain how this project successfully achieved the goals of the grant program to date.

Final report must include a one-page summarization of: new jobs created; economic impacts of project; and/or, increased volumes of material collected and/or participation in recycling that occurred as a result of the project and environmental metrics as described in the final contract.

Final report must also include contact information for at least three community leaders who are familiar with implementation of the project and who may be contacted by the committee for references. The final report may be placed on the department's website. The board and the committee reserve the right to request grantees to present their findings at board or committee meetings.

## **9.0 Grant funding**

Funded projects will be reimbursed on a monthly basis for expenses incurred the previous month. Reimbursement requests must include backup documentation of payment such as receipts or invoices marked paid or with zero balances. The state will not reimburse any cost incurred by the applicant prior to the issuance of a legally executed contract, task order or authorized purchase order.

## **10.0 Submission of Applications**

**Only electronic applications will be accepted.** The full application, including any appendices, must be contained in a single document and must be in PDF format. Please e-mail your application to Rachel Wilson-Roussel, PPAB Administrator at [rachel.wilson-roussel@state.co.us](mailto:rachel.wilson-roussel@state.co.us). The deadline for receipt of applications is 5:00 p.m. on March 28, 2008. Incomplete applications and applications received after this deadline will **not** be accepted. All applicants will receive e-mail notification of the receipt of their application within one business day.

Note: Applicants selected for funding will be asked to submit an official Scope of Work for their project to be included in the final contract or purchase order.

# STATE OF COLORADO

Bill Ritter, Jr., Governor  
James B. Martin, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

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Denver, Colorado 80246-1530 8100 Lowry Blvd.  
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Located in Glendale, Colorado

<http://www.cdphe.state.co.us>



Colorado Department  
of Public Health  
and Environment

## **Recycling Resources Economic Opportunity Fund Grant Program C.R.S. Chapter 270 Article 19.7 25-16.5-106.5**

### **Request for Application (RFA) January 2009**

#### **1.0 Grant Program Goals**

The Colorado Department of Public Health and Environment (the department) working through the Pollution Prevention Advisory Board (board) and the Assistance Committee to the board (committee), is requesting applications for grants that will be awarded from the Recycling Resources Economic Opportunity (RREO) Fund.<sup>1</sup> The Recycling Resources Economic Opportunity Act (the Act) created a recycling grant program (RREO Grant Program) that is intended to fund implementation projects that promote economic development through the productive management of recyclable materials that would otherwise be treated as discards. Projects that meet this goal may be designed to implement source reduction, recycling, beneficial use/reuse, anaerobic digestion, or composting, for a wide variety of materials.

This will be the second year for RREO grant funding; approximately \$2 million is expected to be available in the fiscal year 2010 RREO grant cycle to fund multiple projects of one year in duration.

The committee is specifically looking to fund projects that have the ability to be sustainable beyond the scope of the grant, will enhance the financial viability of recycling in Colorado, and will create new jobs in the state.

Applicants may wish to refer to several preliminary reports that were drafted that focus on the state's current situation in terms of: gaps in the local recycling industry; commodities that are failing to be diverted or recycled in Colorado; and, demographic and geographic distribution of waste diversion opportunities. More recent reports, based on studies by the department, update and enhance some of the information contained in the preliminary reports, are also available at [http://www.cdphe.state.co.us/el/p2\\_program/rreogrants.html](http://www.cdphe.state.co.us/el/p2_program/rreogrants.html).

#### **2.0 Application Procedures**

##### **2.1 Time Line**

<b>Time Line for 2009-2010 Colorado Recycling Grant Program</b>	
January 12, 2009	Release of RREO Request for Application
February 11, 2009 1:00 – 3:00 p.m.	Bidders' Meeting
March 13, 2009 <b>2:00 p.m.</b>	Application Due Date
May 4 – June 30, 2009	Notice of Grant Award and Issuance of Contracts and Purchase Orders
July 1, 2009	Effective Start Date for Awardees
June 30, 2010	Completion of 2009-10 Grant-funded Projects

<sup>1</sup> C.R.S. §25-16.5-106.5 (Chapter 270 Article 19.7)

## 2.2 Optional Pre-bid Meeting

Grant applicants are strongly encouraged to attend an optional bidders' meeting on February 11, 2009 from 1:00 – 3:00 pm in the Sabin Room at the Colorado Department of Public Health and Environment, 4300 Cherry Creek Drive South, Denver, 80246 when the Committee will address questions related to this RFA. Questions to be answered at this meeting may be submitted in advance to Assistance Committee Chair, Marjorie Griek at [mgriek@cafr.org](mailto:mgriek@cafr.org). Please submit questions no later than 12:00 p.m. on Monday, February 9, 2009. Answers to questions posed by e-mail and during this meeting will be posted on the department's website by February 16, 2009. Please RSVP for the meeting by contacting Brian Gaboriau, Recycling Grants Administrator, at 303-692-2097 or [cdphe.ppp2@state.co.us](mailto:cdphe.ppp2@state.co.us) (Include in the Subject Line: "RREO Grant Bidder's Meeting Reservation"). Applicants who are unable to attend the bidders' meeting in person may join the meeting via teleconference. Please contact Brian Gaboriau by e-mail or phone for more information.

## 2.3 Application Submittals

Applications must be received by the department by 2:00 p.m. deadline on March 13, 2009, in order to be considered. **Electronic applications are strongly preferred.** If unable to submit electronically, please contact Brian Gaboriau at 303-692-2097 for available options. The full application, excluding appendices, must not exceed ten (10) consecutively numbered (bottom center), 8.5x11-inch pages of single-spaced, standard 12-point type with 1-inch margins, must be contained in a single document, and must be in PDF format. Incomplete applications and applications received after this deadline will **not** be accepted. All applicants will receive e-mail notification of the receipt of their application within one business day.

## 3.0 Scope of Grant Program

Funds available for this program are created by the Act, which collects a surcharge on waste taken to Colorado landfills for disposal and increases the state's waste tire disposal fund. The Act establishes that recycling is an important means of accomplishing:

- Environmental benefits;
- Economic benefits to the state, including job development; and
- Preservation of the state's natural beauty.

To address these opportunities, the RREO Grant Program is hereby available for award to qualified applicants whose applications meet the general objects of:

- Accomplishing greater levels of solid waste minimization, waste diversion (from landfill disposal), recycling (for various materials or products), material reuse and composting;
- Implementing proven diversion methods such as Pay-As-You-Throw (PAYT), market incentives, contracting, municipal ordinance or other mechanisms;
- Developing best practices in recycling, waste minimization and diversion, material reuse and composting;
- Improving market research/data to identify material reuse opportunities;
- Providing detailed economic information on the impacts of recycling and material reuse in Colorado;
- Providing more education and information to residents of the state about recycling; or
- Increasing regional partnering to maximize economics of scale.

For the purposes of this grant, food and agricultural wastes sent to an anaerobic digester is included by definition as municipal solid waste (MSW) that has been collected and sorted and used as a raw material to produce methane gas; however, other Waste to Energy projects are ineligible for this grant.

### 3.1 Eligibility

Entities that are eligible to apply include:

- Public and government agencies, including but not limited to, universities, schools, special districts, and intergovernmental partnerships.
- Private sector (for-profit and nonprofit organizations) that have the approval and/or support of a local government agency<sup>2</sup>.
- Private sector, without approval of local government, when the application includes documentation that the project will be beneficial to the local community.
- Out-of-state companies or organizations that are expanding in or relocating to Colorado, have an in-state business presence (i.e., facilities, equipment, employees) and are registered as doing business in Colorado and whose project benefits Colorado directly.

Applications for projects 12 months in length will be accepted. No loans will be approved from the RREO Grant in fiscal year 2010. Grantees will receive money in accordance with rules stipulated by the department.

### 4.0 Grant Priorities

Based on preliminary studies (see [http://www.cdphe.state.co.us/el/p2\\_program](http://www.cdphe.state.co.us/el/p2_program)) on the department's website to evaluate waste diversion and recycling needs in Colorado, the committee has created a tiered system to prioritize the types of projects that will best help the state increase waste diversion and create economic opportunities (priorities may change in future grant cycles). These are:

First Tier projects that will be strongly considered in the FY10 RREO grant cycle will address some or all of the following *types* of projects (in no order of priority):

1. Implement projects that directly result in increased levels of recycling, beneficial use and reuse, and/or composting, and which divert more materials from landfill disposal including Pay-As-You-Throw (PAYT), market incentives, contracting, municipal ordinance, or other similar mechanisms;
2. Develop or expand local economic infrastructure for the sustainable use, manufacturing and/or marketing of discarded materials;
3. Provide local incentives to develop or expand markets for recycled products and material reuse;
4. Develop or expand local recycling infrastructure; or
5. Reducing waste tire stockpiles.

Second Tier projects will also be given consideration that:

6. Undertake sustainable resource education programs;
7. Develop or implement sustainable resource plans or programs for the use or collection of discarded items;
8. Provide assistance in connection with the development or improvement of integrated waste management plans by local governments that focus on diversion; or
9. Form public-private partnerships to promote waste diversion, recycling, recycling markets, the beneficial use of discarded materials, or other recycling-related uses.

A Third Tier of projects that are eligible for consideration, but which may not rate as highly during the FY10 grant cycle, may address:

10. Cleaning up illegal waste dumping.

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<sup>2</sup> Local government may include municipal, county, regional authorities, or special improvement district agencies.

During the review/scoring process, the committee will take into account the following considerations:

- The anticipated population served and the needs of the community;
- The anticipated increase in the amount of recycled and reused materials, by commodity;
- The application's local economic and environmental impacts, such as market development for recycled materials; and
- The amount of money that has been raised for the fund by landfill surcharges in the region of the state in which the project will be located.

## **5.0 Application Evaluation Criteria and Ranking System**

Threshold requirements that must be met before any application will be fully evaluated include:

- Completed application;
- Demonstrable merit and feasibility of project;
- Clearly expressed goals and objectives; and
- Clearly defined, measurable outcomes.

### **5.1 Environmental Benefits (0-20 points)**

- Significance of project results on recycling, waste diversion, and/or waste minimization; and
- Resource conservation, greenhouse gas reduction, energy conservation, water quantity and quality or other environmental indicator(s).

### **5.2 Economic Impact (0-20 points)**

- Actual new revenues and other economic benefits that will occur as a result of the project
  - Defined potential for economic growth in Colorado; and
- Actual increase in jobs that will occur as a result of the project
  - Defined potential for other new job development for Colorado businesses; and
- Expansion of end user manufacturing or markets in Colorado.

### **5.3 Feasibility of Successful Implementation (0-20 points)**

- Potential for ongoing viability beyond the 12-month funding period;
- Degree of practical implementation;
- Degree of community support;
- Quality of partnership(s) and amount of support and/or funding leveraged; and
- Level of need in the community and uniqueness of services that will be provided.

### **5.4 Measurable Results (0-25 points)**

- Potential for success and measurable results concerning waste diversion;
- How the project involves recyclable materials/systems that are pertinent for Colorado; and
- What metrics will be used and how measurements will be made and documented; and
- End user expansion of jobs, manufacturing jobs created, other job types created, and economic impact.

### **5.5 Experience and Qualifications (0-15 points)**

- What is the level of applicants' relevant education and/or experience;
- What abilities does the applicant possess that will make the project a success;
- Ability to complete the project; and
- Other sources of support or contributions that will be made to the project.



## 6.0 Required Application Format

Sections 6.1 – 6.6 of this application must not exceed ten (10) consecutively numbered (bottom center), 8.5x11-inch pages of single-spaced, standard 12-point type with 1-inch margins.

### 6.1 Cover Sheet

The application cover sheet will contain the following information: project title, organizational contact information, federal tax identification number, total amount of funding requested, and contacts for the project director and the financial officer. Please see the cover sheet form on the RREO website:

[http://www.cdphe.state.co.us/el/p2\\_program/rreogrants.html](http://www.cdphe.state.co.us/el/p2_program/rreogrants.html)

### 6.2 Project Abstract

Provide a brief description of your application and clearly state how it will help meet the goals and objectives of the RREO Grant Program. Abstract should be no more than **250 words**. Please keep this paragraph free of any proprietary information.

### 6.3 Application Narrative

Provide a short response to the following questions.

#### 6.3.1 Criterion: Environmental Benefits

- Provide an estimate (quantified) of the project's results on recycling, waste diversion, material reuse and/or waste minimization in the state of Colorado and indicate the timing for when those benefits will occur.

#### 6.3.2 Criterion: Economic Impact

- Quantify the potential for economic growth and job development for Colorado businesses, and/or potential to introduce markets or business development that will advance Colorado's waste diversion. Provide information to substantiate and justify calculations.

#### 6.3.3 Criterion: Feasibility of Successful Implementation

- Describe the project's goals and objectives and describe how you will achieve them.
- What major challenges will exist for project success/completion and how will they be addressed?
- What are the plans for ongoing operations or services after the grant period ends, and how will they be funded?
- How involved will partners and/or the community be in helping ensure success?
- Describe the community's need for the services provided by this project, e.g., are there existing local service providers, will the service be unique to the community, and how is project compatible with local recycling infrastructure?

#### 6.3.4 Criterion: Measurable Results

- Describe what metrics or indicators will be used to monitor the project's progress, and how measurements be documented.
- Provide data-driven information about types / quantities of materials that are proposed to be diverted or to substantiate need for the proposed project.

#### 6.3.5 Criterion: Experience and Qualifications

- Describe the applicant's relevant education and/or experience.
- If there is a partnership involved, how will relationships be maintained and what are the roles and responsibilities of the partners?
- What abilities does the applicant possess that will make the project a success?
- If applicant is an existing business, include a copy of your Articles of Incorporation in the appendix. If part of the regulated community, describe your environmental compliance status.

### 6.4 Methodology and Work Plan

Provide a business or work plan for the project that shows a thorough knowledge of the current situation in the field/industry, how this project will improve new industry opportunities and increased waste diversion or material reuse in Colorado, and how it will be sustained in the future.

#### 6.4.1 Fully describe all elements of the project, including, but not limited to:

- Using the standardized chart provided in application, indicate the project schedule and timeline,, including completion dates for objectives of each major goal during the grant period.
- Deliverables associated with each activity MUST be identified.
- Clearly define who is responsible for each activity and deliverable.
- Include key decision points for early project termination if the project is not meeting scheduled deliverables.

#### 6.4.2 For any equipment or capital purchase that is proposed, provide full industry specifications (make, model, serial number, age, ownership, etc.) and describe purpose/application of each item in respect to the project.

### 6.5 Budget

#### 6.5.1 Itemized Budget

Using the standardized format and budget categories provided in the application, supply a spreadsheet of all project costs, such as personnel salaries (showing budgeted hours and rate), fringe benefits, equipment purchases, consultants, etc. Travel costs are limited to those which are directly essential to accomplish the project. Indirect costs such as facility rental and utilities must not exceed 20% and must solely benefit this project or be pro-rated or could be subject to exclusion from

funding. Indicate any other funding sources, if any, which will be used for this project (matching or in-kind funding).

#### 6.5.2 Budget Narrative

The budget narrative describes how costs are determined and how they relate to the project. Indicate any other funding sources that will be used for this project and describe any plans to attract additional funding.

#### 6.5.3 Budget Changes

During the course of the project the project director may elect to reallocate up to 5% of the funds awarded to accommodate unforeseen task changes. Any amount for reallocation over 5% will require prior written approval by the board.

### 6.6 Project Staff Experience, Qualifications, and Facilities Requirements

Describe the project staff responsibilities and qualifications. Include brief resume/summary of qualifications and previous accomplishments (for similar projects) for project manager(s).

Describe the resources available, including facilities, manufacturing capabilities, major equipment, and other technical and administrative resources that will be required.

Applicants who are selected for funding must also provide proof of insurance. If currently part of the regulated community, compliance history will be considered. If proposed project requires any type of permit or regulatory licensing, applicant must be prepared to provide documentation of compliance, if funded.

### 6.7 Appendix

Please include citations of any patents or references used in the application. Include any letters of support or other important materials critical to evaluating the application.

#### 6.7.1 Letters of Support - Local Government Approval

Private sector applicants must include:

- A letter from a local government agency that indicates its approval of the project and level of support for the project;

**OR**

- Documentation that the project would be beneficial to the community that would be affected by the grant award.

### 7.0 Proprietary Information Policy

If proprietary information is provided by an applicant that constitutes a trade secret, confidential personnel information, or proprietary commercial or financial information, in accord with § 24-72-204(3)( ), C.R.S., such documents may be withheld from disclosure if department receives a request for records in accord with the Colorado Open Records Act, § 24-72-101 *et seq.* All such documents must be clearly marked with the term “Proprietary Information” on each appropriate page. Records marked as containing trade secret, confidential, personnel, or proprietary information that do not actually contain such information may be released pursuant to an Open Records Act request.

## 8.0 Reporting Requirements

Reports will be due for milestones to be identified by the grant applicant, or at a minimum bi-annually. Indicate milestones and deadlines for progress reports. A draft final report is due 30 days after the grant closes and a final report is due 60 days after grant closes that incorporates feedback from the committee and the board.

All reporting must include a financial status summary, and identify the deliverables and tasks completed during the reporting period. Include a description of the work completed, the findings or results, any unanticipated outcomes or roadblocks encountered and potential future applications of project results. Explain how this project successfully achieved the goals of the grant program to date.

Final report must include a one-page summarization of: new jobs created, economic impacts of project, and/or increased volumes of material collected and/or participation in recycling that occurred as a result of the project and environmental metrics as described in the final contract.

Final report must also include contact information for at least three community leaders who are familiar with implementation of the project and who may be contacted by the committee for references. The final report may be placed on the department's website. The board and the committee reserve the right to request grantees to present their findings at board or committee meetings.

## 9.0 Grant funding

**Funded projects will be reimbursed on a monthly basis for expenses incurred the previous month. Reimbursement requests must include backup documentation of payment such as receipts or invoices marked paid or with zero balances. The state will not reimburse any cost incurred by the applicant prior to the issuance of a legally executed contract, task order, or authorized purchase order.**

## 10.0 Submission of Applications

**Electronic applications are strongly preferred.** The full application, including any appendices, must be contained in a single document and must be in PDF format. Please e-mail your application to Brian Gaboriau, Recycling Grants Administrator, at [cdphe.ppp2@state.co.us](mailto:cdphe.ppp2@state.co.us) (subject line: RREO Grant Application Submittal). If unable to submit electronically, please contact Brian Gaboriau at 303-692-2097 for available options. The deadline for receipt of applications is 2:00 p.m. on March 13, 2009. Incomplete applications and applications received after this deadline will **not** be accepted. All applicants will receive e-mail notification of the receipt of their application within 1 business day.

Note: Applicants selected for funding will be asked to submit a final Scope of Work for their project to be included in the final contract or purchase order.

**Recycling Resources Economic Opportunity Fund Grant Program  
2009 - 2010 Project Application  
COVER SHEET**

**Organization:** \_\_\_\_\_

**Project Title:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City, State, Zip:** \_\_\_\_\_

**E-Mail Address:** \_\_\_\_\_ **URL Address:** \_\_\_\_\_

**Phone Number:** \_\_\_\_\_

**Fax Number:** \_\_\_\_\_

**Federal Tax Identification Number:** \_\_\_\_\_

**Legal Tax Status (check one):** \_\_\_\_\_ **For Profit** \_\_\_\_\_ **Non-Profit** \_\_\_\_\_ **Govt.** \_\_\_\_\_ **School/University** \_\_\_\_\_

**Did you attend Bidder's meeting?** \_\_\_\_\_ **Yes, in person** \_\_\_\_\_ **Yes, on teleconference** \_\_\_\_\_ **No** \_\_\_\_\_

**By signing and submitting this application, the applicant agrees to operate the program as described in the Application for Funding and in accordance with the grant terms and assurances.**

**Print name of Authorized Official:** \_\_\_\_\_

**Signature of Authorized Official:**

\*Please insert electronic signature into the box on the right or sign and fax ONLY the cover sheet to Brian Gaboriau at 303-782-4969.

**Date:** \_\_\_\_\_ **Title:** \_\_\_\_\_

**Project Director or Contact Person:**

**Name:**

**Title:**

**Address:**

**Phone:**

**E-Mail:**

**Financial Officer:**

**Name:**

**Title:**

**Address:**

**Phone:**

**E-Mail:**

**Total Amount of Funds Requested:** \_\_\_\_\_

**Total Matching/In-Kind Contributions:** \_\_\_\_\_

**Total Project Cost:** \_\_\_\_\_

Recycling Resources Economic Opportunity Fund Grant Program  
2009-2010  
WORK PLAN FORMAT  
(Use this format when listing your major goals for the project)

GOAL 1:				
Objective	Activity	Deliverable/ Product	Responsible Party	Completion Date*
1.	1a 1b 1c			MM/DD/YYYY
2.	2a 2b 2c			MM/DD/YYYY

GOAL 2:				
Objective	Activity	Deliverable/ Product	Responsible Party	Completion Date*
1.	1a 1b 1c			MM/DD/YYYY
2.	2a 2b 2c			MM/DD/YYYY

\*Completion date must end on a regular business day (exclude weekends and holidays). Project time frame is July 1, 2009 to June 30, 2010.

# Recycling Resources Economic Opportunity Fund Grant Program 2009-2010

## LINE ITEM BUDGET FORMAT

You are required to use the following individual budget categories for your proposal:

**Personnel Salaries & Wages-** Personnel directly working on grant (employees, professors, students, etc).

**Fringe Benefits-** Related to those indicated on "Personnel Salaries & Wages". Includes health insurance, Retirement funds, Social Security, FICA, etc.

**Tuition/Fees-** Support other than indicated in "Personnel Salaries & Wages" & "Fringe Benefits", in-state residents rates only.

**Travel Costs-** In-state only, includes mileage, room and board. Out of state travel must be pre-approved by Assistance Committee.

**Materials/Supplies/Equipment (under \$5,000)** - Construction materials, lab work materials, brochures, mailings, stamps, printing, etc.

**Equipment Purchases-** Cost of \$5,000+ and has life of 1 year or more. Includes fabrication or upgrading of current equipment.

**Contractors/Subcontractors-** Outside labor for construction, etc. Names of contractors/subcontractors and budget breakdown for each required.

**Consultants-** Professional services directly related to grant. Provide names and work to be completed. Budget breakdown for each required.

**Training/Educational classes-** For schools, businesses, etc.

**Marketing/Advertising-** TV, radio, internet, etc.

**Other Direct Costs-** Costs not covered by categories listed.

**Indirect Costs-** Cannot be more than 20% of Total Direct Costs (all categories listed above).

List only those budget categories you are asking to be funded for your grant application. Itemize each individual budget category, include sub-totals and overall total of budget. See example below:

<b>EXAMPLE</b>	<b>Grant Application Amount</b>	<b>Matching/In Kind Amount (if any)</b>	<b>Total Amount</b>
<b>Personnel Expenses – Sub-total</b>	<b>\$10,000</b>		<b>\$10,000</b>
John Smith-Owner	\$7,000		\$7,000
Joan Smith- Co-Owner	\$3,000		\$3,000
<b>Equipment Purchases – Sub-Total</b>	<b>\$25,000</b>	<b>\$10,000</b>	<b>\$35,000</b>
Used Baler	\$25,000	\$10,000	\$35,000
<b>Project Cost</b>	<b>\$35,000</b>	<b>\$10,000</b>	<b>\$45,000</b>
<b>Indirect Cost: (Not to exceed 20%)</b>	<b>\$7,000</b>		<b>\$7,000</b>
<b>Total Project Cost:</b>	<b>\$42,000</b>	<b>\$10,000</b>	<b>\$52,000</b>

# STATE OF COLORADO

Bill Ritter, Jr., Governor  
James B. Martin, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

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TDD Line (303) 691-7700      (303) 692-3090  
Located in Glendale, Colorado  
<http://www.cdphe.state.co.us>



Colorado Department  
of Public Health  
and Environment

## **Recycling Resources Economic Opportunity Fund Grant Program Special Grant Project: Planning for Disasters and How to Recycle Waste/ Debris C.R.S. Chapter 270 Article 19.7 25-16.5-106.5**

### **REQUEST FOR PROPOSALS September 2008**

#### **1.0 Grant Program Goals**

The Colorado Department of Public Health and Environment (the department) working through its Pollution Prevention Advisory Board (board) and the Assistance Committee to the board (committee), is requesting applications for planning grants that will be awarded from the Recycling Resources Economic Opportunity (RREO) Fund<sup>1</sup>, for use in planning for clean-up after emergency events.

In the wake of storms, floods, tornadoes, fires, and other disastrous events, communities must determine how to quickly perform waste clean-up operations. While much debris may be recyclable or re-usable, time may be too short to allow for responders to separate recoverable materials from waste that is sent for landfill disposal. Counties and local emergency planning groups are encouraged to apply for grants, **not to exceed \$7,500**, that will be used to develop community-specific or area-specific debris recovery plans. This grant opportunity is meant to support ongoing efforts by the State of Colorado's Division of Emergency Management to bring attention to the importance of debris management planning.

The state of Colorado, with its Recycling Resources Economic Opportunity Act, created a recycling grant program that is intended to fund implementation projects that promote economic development through the productive management of recyclable materials that would otherwise be treated as discards. The purpose of funding Planning for Disasters projects is to help communities meet this goal through advance planning for source reduction, recycling, beneficial use/re-use, anaerobic digestion, or composting, for a wide variety of materials.

The committee is specifically looking to fund projects that represent interdisciplinary agencies' work, with high levels of local emergency responders' involvement, that fully evaluate financial implications for recycling waste that is generated from disasters, and that provide estimations/quantifications of volumes of materials that are diverted from landfill disposal.

Applicants may wish to refer to several preliminary reports that were recently drafted that focus on the state's current situation in terms of: materials that are generated by construction and demolition activities in Colorado (a category that may roughly approximate the type of debris generated by

<sup>1</sup> C.R.S. Chapter 270 Article 19.7 25-16.5-106.5



disasters); and, demographic and geographic distribution of waste diversion opportunities (available at [http://www.cdphe.state.co.us/el/p2\\_program/rreogrants.html](http://www.cdphe.state.co.us/el/p2_program/rreogrants.html)).

Applicants are also advised to utilize the U.S. Environmental Protection Agency's March, 2008 report, Planning for Natural Disaster Debris found at <http://www.epa.gov/epaoswer/non-hw/debris-new/disaster.htm> and to utilize the Federal Emergency Management Agency's workbook and guide found at <http://www.dola.state.co.us/dem/recovery/recovery.htm>. Utilizing these guides will help streamline the planning process and can increase the federal cost share in the event of a disaster that qualifies for federal assistance. These resources should also be reviewed for guidance on avoiding the inadvertent spread of noxious weeds or insects that could occur by distributing wood mulch produced from ground-up organic debris.

**Note:** Projects will be reimbursed on a monthly basis for expenses incurred the previous month. See Section 8.0 for more information.

## 2.0 Application Procedures:

Time Line	
September 2, 2008	Release of Request for Proposals
September 15	Deadline to Submit Questions on RFA
October 15	Application Due Date
October 30	Notice of Grant Award, Issuance of Purchase Orders
November 13	Project Start Date
March 12, 2009	Completion of Grant-funded Projects
Second Quarter, 2009	Possible/anticipated renewal of grant cycle for disaster debris projects

### 2.1 Application Submittals

Applications must be received by the 2:00 p.m. deadline on October 15, 2008 in order to be considered. **Only electronic applications will be accepted.** The full application, excluding appendices, must not exceed five (5) consecutively numbered (bottom center), 8.5x11-inch pages of single-spaced, standard 12-point type with 1-inch margins, must be contained in a single document, and must be in Adobe PDF or Microsoft Word format. Incomplete applications and applications received after this deadline will **not** be accepted. All applicants will receive e-mail notification of the receipt of their application within 1 business day.

### 2.2 Questions on the RFA

Questions should be submitted to Assistance Committee Chair, Marjorie Griek at [mgriek@cafr.org](mailto:mgriek@cafr.org). Please submit questions no later than **12:00 p.m. on Monday, September 15**. Answers to questions posed via e-mail will be posted on the department's website by September 22.

## 3.0 Scope of Grant Program

Funds available for this program are created by the state's Recycling Resources Economic Opportunity Act of 2007, which collects a surcharge on waste taken to Colorado landfills for disposal and increases the state's waste tire disposal fund. The Act establishes that recycling is an important means of accomplishing:

- environmental benefits;

- economic benefits to the state, including job development; and
- preservation of the state's natural beauty.

Entities that are eligible to apply include:

- public and government agencies, including emergency response agencies
- private sector (for-profit, and nonprofit, organizations) that have the approval and/or support of a local government agency<sup>2</sup>

Plans need to be created at the county(ies) level that are aligned with Federal Emergency Management Agency (FEMA) waste reduction policies so that, should the disaster warrant FEMA involvement, funding from FEMA can be used to support waste reduction efforts.

#### **4.0 Grant Priorities**

Based on preliminary studies (see [http://www.cdphe.state.co.us/el/p2\\_program](http://www.cdphe.state.co.us/el/p2_program)) to evaluate waste diversion and recycling needs in Colorado, the committee recognizes the difficulty of diverting many types of waste from landfill disposal that may fall under the description of disaster-generated waste, such as large tree trunks and stumps, large scrap metal items such as appliances or mobile homes, and large volumes of vegetative material. This allocation of RREO funding during 2008-09 (and in future years as warranted) is intended to offer financial assistance to emergency planning agencies, counties, groups of counties, and consultants to emergency planners, for preparing plans that would address the best way to capture these types of waste before they become an urgent disposal problem, under conditions that make it difficult to be source separated.

Projects that are eligible for the 2008-09 disaster planning grants will address some or all of the following *types* of actions, including those that will:

1. increase levels of recycling, beneficial use and reuse, and/or composting, and which divert more materials from landfill disposal;
2. identify local infrastructure (landfills, recyclers, re-users, industrial wood grinding equipment, separation/processing sites, commercial sized collection bins) for appropriate use and/or marketing of discarded materials, as well as for appropriate collection (garbage companies, heavy equipment fleets in the area/region) of trash and other landfill-bound debris;
3. identify public-private partnerships to promote waste diversion, recycling, recycling markets, the beneficial use of discarded materials, or other recycling-related uses;
4. provide information about how citizens will be informed of recycling/recovery/reuse opportunities that would be available in aftermath of disasters;
5. provide information about the potential for recruiting Colorado citizens to act as volunteers in aiding disaster recovery/recycling activities;
6. evaluate ways to prevent contamination to source separated materials from hazardous materials such as asbestos, and to prevent illegal waste stockpiles from occurring during disaster clean-ups;
7. provide information about the special disposal needs that may occur from the accumulation of animal mortalities.

#### **5.0 Application Evaluation Criteria and Ranking System**

Applications will be evaluated from several different perspectives:

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<sup>2</sup> Local government may include municipal, county, regional authorities, or special improvement district agencies.

- needs of the community(ies) submitting the application, including frequency and severity of natural disaster events.
- projected environmental benefits, including results for recycling, waste diversion, and/or waste minimization; as well as, resource conservation; greenhouse gas reduction; energy conservation; water quantity and quality, or other environmental indicator(s)
- potential new revenues and other economic benefits that will occur as a result of project, such as avoided landfill usage/costs, and additional jobs that will occur as a result of project or potential for other job development for Colorado
- level of practicable implementation
- quality of partnership(s) and amount of support and/or funding leveraged

Applications that are most eligible to be awarded grant funding will project the measurable results from planning in terms of:

- potential for success and measurable results concerning waste diversion;
- how the project involves recyclable materials/systems that are pertinent for Colorado; and
- what metrics will be used; how measurements will be made and documented.

## 6.0 Required Application Format

Sections 6.1 – 6.6 of this application must not exceed five (5) consecutively numbered (bottom center), 8.5x11-inch pages of single-spaced, standard 12-point type with 1-inch margins.

### 6.1 Cover Sheet

The application cover sheet will contain the following information: project title, organizational contact information, federal tax identification number, total amount of funding requested, and contacts for the project director and the financial officer. Please see the cover sheet form in **Appendix A** of this document.

6.2 Project Abstract - Provide a brief description of your application and clearly state how it will help meet the goals and objectives of the RREO Grant Program. Abstract should be no more than **125 words**.

6.3 Application Narrative - Provide a short response to the following questions.

- 6.3.1 Criterion: Environmental Benefits
- 6.3.2 Criterion: Community Economic Impact
- 6.3.3 Criterion: Feasibility of Successful Implementation
- 6.3.5 Criterion: Experience and Qualifications

6.4 Methodology and Work Plan - Describe all elements of the project, including, but not limited to the project's schedule and timeline, including estimated completion dates for major activities and tasks during the grant period.

### 6.5 Budget

6.5.1 Itemized Budget - Provide a spreadsheet of all project costs. Cost should be broken down using the following budget categories:

- Personnel Salaries & Wages- Personnel directly working on grant (employees, professors, students, etc).
- Fringe Benefits- Related to those indicated on "Personnel Salaries & Wages". Includes health insurance, retirement funds, Social Security, FICA, etc.
- Travel Costs- In state only, includes mileage, room and board. Out of state travel must be pre-approved by Assistance Committee.
- Materials/Supplies/Equipment (under \$5,000) - Construction materials, lab work materials, brochures, mailings, stamps, printing, etc.
- Contractors/Subcontractors- Outside labor for construction, etc. Names of contractors/subcontractors and budget breakdown for each required.
- Consultants- Professional services directly related to grant. Provide names and work to be completed. Budget breakdown for each required.
- Training/Educational classes- For schools, businesses, etc.
- Marketing/Advertising- TV, radio, internet, etc.
- Other Direct Costs- Costs not covered by categories listed.
- Indirect Costs- Cannot be more than 20% of Total Direct Costs (all categories listed above).

**List only those budget categories you are asking to be funded for your grant application. Itemize each individual budget category, include sub-totals and overall total of budget. See example below:**

	<b>Grant Application Amount</b>	<b>Matching/In Kind Amount (if any)</b>	<b>Total Amount</b>
<b>Personnel Expenses – Sub-total</b>	<b>\$2,000</b>		<b>\$2,000</b>
John Smith-Owner	\$1,000		\$1,000
Joan Smith- Co-Owner	\$1,000		\$1,000
<b>Materials/Supplies/Equipment – Sub-Total</b>	<b>\$500</b>	<b>\$500</b>	<b>\$1,000</b>
Copier	\$500	\$500	\$1,000
<b>Project Cost</b>	<b>\$2,500</b>	<b>\$500</b>	<b>\$3,000</b>
<b>Indirect Cost: (Not to exceed 20%)</b>	<b>\$500</b>		<b>\$500</b>
<b>Total Project Cost:</b>	<b>\$3,000</b>	<b>\$500</b>	<b>\$3,500</b>

6.5.2 Budget Narrative - Describe how costs are determined and how they relate to the project. Indicate any other funding sources that will be used for this project and describe any plans to attract additional funding.

6.5.3 Budget Changes - During the course of the project the project director may elect to reallocate up to 5% of the funds awarded to accommodate unforeseen task changes. Any amount for reallocation over 5% will require prior written approval by the board.

6.6 Project Staff Experience and Qualifications – Describe staff individuals’ responsibilities and qualifications. Include brief resume/summary of qualifications and previous accomplishments (for similar projects) for project manager(s).

6.7 Appendix - Please include citations of any references used in the application. Include any letters of support or other important materials critical to evaluating the application.

## 7.0 Reporting Requirements

Reports will be due for milestones to be identified by the grant applicant. A draft version of the final report is due 30 days before the grant closes. The final report is due one week after the grant closes.

All reporting must include a financial status summary, and identify the deliverables and tasks completed during the reporting period. Include a description of the work completed, the findings or results, any unanticipated outcomes or roadblocks encountered and potential future applications of project results. Explain how this project successfully achieved the goals of the grant program to date.

The final report may be placed on the department’s website. The board and the committee reserve the right to request grantees to present their findings at board or committee meetings. In the event that this plan is utilized to respond to a disaster event, a one-page report to the State on the plan’s utility will be requested to be made.

## 8.0 Grant funding

**Funded projects will be reimbursed on a monthly basis for expenses incurred the previous month. Reimbursement requests must include backup documentation of payment such as receipts or invoices marked paid or with zero balances. The state will not reimburse any cost incurred by the applicant prior to the issuance of a legally executed contract, task order, or authorized purchase order. CDPHE reserves the right to withhold final reimbursement payment until final report is completed and reviewed by the board.**

## 9.0 Submission of Applications

**Only electronic applications will be accepted.** The full application, including any appendices, must be contained in a single document and must be in Adobe PDF or Microsoft Word format. Please e-mail your application to Brian Gaboriau; Recycling Grants Administrator at [brian.gaboriau@state.co.us](mailto:brian.gaboriau@state.co.us) for receipt of applications is 2:00 PM on October 15, 2008. Incomplete applications and applications received after this deadline will **not** be accepted. All applicants will receive e-mail notification of the receipt of their application within 1 business day.

**Note:** Applicants selected for funding will be asked to submit an official Scope of Work for their project to be included in the final contract or purchase order.

## Appendix A: Cover Sheet

**Recycling Resources Economic Opportunity Grant Program**  
**Special Grant Project: Planning for Disasters and How to Recycle Waste/ Debris**  
FY 09 Project Application  
COVER SHEET

**Organization:** \_\_\_\_\_  
**Project Title:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**City, State, Zip:** \_\_\_\_\_  
**E-Mail Address:** \_\_\_\_\_ **URL Address:** \_\_\_\_\_  
**Phone Number:** \_\_\_\_\_  
**Fax Number:** \_\_\_\_\_  
**Federal Tax Identification Number:** \_\_\_\_\_

**By signing and submitting this application, the applicant agrees to operate the program as described in the application for funding and in accordance with the grant terms and assurances.**

**Print name of Authorized Official:** \_\_\_\_\_

**Signature of Authorized Official:**

\*Please insert electronic signature into the box on the right **OR** sign and fax **ONLY** the cover sheet to Brian Gaboriau at 303-782-4969.

**Date:** \_\_\_\_\_ **Title:** \_\_\_\_\_

**Project Director or Contact Person:**

Name:

Title:

Address:

Phone:

E-Mail:

**Financial Officer:**

Name:

Title:

Address:

Phone:

E-Mail:

**Total Amount of Funds Requested:** \_\_\_\_\_  
(Capped at \$7,500)

# STATE OF COLORADO

Bill Ritter, Jr., Governor  
James B. Martin, Executive Director

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Located in Glendale, Colorado

Laboratory Services Division  
8100 Lowry Blvd.  
Denver, Colorado 80230-6928  
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department  
of Public Health  
and Environment

## **Recycling Rebate Section 25-16.5-105(1)(k), C.R.S. Application and Information February 2009**

### **Recycling Rebate Program**

The Colorado Department of Public Health and Environment (department), working through its Pollution Prevention Advisory Board (board) and the Assistance Committee (committee) to the board, is requesting applications for the recycling rebate monies in the Recycling Resources Economic Opportunity (RREO) Fund. Total rebate monies expected to be available in February 2009 for the period July 1, 2008 through December 31, 2008 are approximately \$300,000.

Please find the application attached to the end of this information sheet.

### **Application Time Line:**

February 1, 2009	Application Period Begins
February 27, 2009, <b>2:00 pm</b>	Application Due Date
March 1st - March 15th, 2009	Application Review by Assistance Committee
March 24, 2009	Board to Approve Rebate Recommendations
April 15, 2009	Expected Rebate Payment Date

All future rebates will be awarded on a semi-annual basis. Separate notices or applications will be issued for rebates to be awarded every 6 months.

### **Rebate Formula**

According to Section 25-16.5-105(1)(k), C.R.S., any local government, non-profit, or for-profit entity that performs the services or recycles the materials listed below may apply for the rebates. In addition, this section of statute directs the board to develop a formula for paying the rebates and directs that the rebate be paid on commodities recycled on a per ton basis with differential rates for different commodities.

For the period July 1, 2008 through December 31, 2008, the board has developed the following formulas for awarding the rebates. In the future, the formulas for awarding rebates may be re-allocated or other materials may be added to or removed from the rebate program.

### **Rebate Distribution Formula – for the period July 1, 2008 to December 31, 2008**

#### **1. 50% of available rebate funds to glass shipping**

Glass can be a difficult material to recycle. In fact, including glass in single-stream recycling can lower the value of the single stream collected and many entities are asking that glass not be included in their single stream collection. Nevertheless, the committee wants to encourage collection of glass as a separate stream so that more material makes it to market for reuse and amounts lost due to

breakage and improper sorting are minimized. Glass recyclers that supply glass **to in-state end users** will be rebated for their shipping costs to the end user on a ton-mile basis. The rebates will only be awarded for uses that legitimately displace glass from landfilling. These uses include, but may not be limited to, remanufacturing applications (bottles, glass-ware, building materials), landscaping applications, use as aggregate, and other committee-approved uses.

To be considered for a rebate, entities must complete the attached glass recycling application form that describes their eligible shipments between July 1, 2008 and December 31, 2008. All applicants must complete the table and provide the accepting entities' contact information in order to be considered for the rebate for monitoring purposes. The amount of rebate will be calculated as follows

$$\text{Glass Rebate Per Ton-Mile} = \frac{(\text{Tonnage} \times \text{Miles shipped by Applicant}) \times (\text{Total dollars available})}{(\text{Total number of ton-miles of approved applicants})}$$

## **2. 50% of available rebate funds to waste haulers for certain residential curbside recycling**

The Committee wants to continue to support curbside recycling in light of the downturn in commodity pricing. Therefore, any hauler who collects recyclable materials through a residential curbside collection program in areas where local government regulations do not require recycling or in areas where recycling is not funded by governmental fees/taxes may apply for the rebate.

To be considered for a rebate, entities must complete the attached application form that describes their eligible curbside recycling between July 1, 2008 and December 31, 2008. The amount of rebate will be calculated as follows:

$$\text{Per Curbside Customer Rebate} = \frac{(\text{Total \$ amount available for rebate}) \times (\text{Tonnage}^1 \text{ of eligible curbside recycling collected by applicant})}{(\text{Total tonnage of eligible curbside recycling collected by all applicants})}$$

### **Proprietary Information Policy**

If proprietary information is provided by an applicant that constitutes a trade secret, confidential personnel information, or proprietary commercial or financial information, it will be treated in confidence by the department and the board provided this information is clearly marked with the term "Proprietary Information" on each appropriate page.

### **Rebate Payments**

The department should make the rebate payments from the RREO Fund to successful applicants on or about April 15, 2009. No rebate amounts less than \$100 will be awarded.

### **Submission of Rebate Applications**

Applications will be accepted beginning February 1<sup>st</sup>, 2009 and **must** be accompanied by a substitute W9 form, which may be found on the PPAB website: [http://www.cdphe.state.co.us/el/p2\\_program/rebates.html](http://www.cdphe.state.co.us/el/p2_program/rebates.html)

Electronic applications submitted in Microsoft Word or PDF format are strongly preferred. Please e-mail your application to Brian Gaboriau, Recycling Grants Administrator, at [cdphe.ppp2@state.co.us](mailto:cdphe.ppp2@state.co.us). (Subject Line: Recycling Rebate Application) Applications received through regular mail or by fax will also be accepted at the following address and fax number:

Colorado Department of Public Health and Environment  
Recycling Rebate Program c/o Brian Gaboriau

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<sup>1</sup> Tonnage will be determined by multiplying the number of customers by an average curbside recycling collection rate per household from rural and urban areas.



4300 Cherry Creek Drive South  
Denver, Colorado 80246-1530  
Fax: 303-782-4969

The deadline for receipt of applications is **2:00 PM on February 27, 2009**. Incomplete applications and applications received after this deadline will **not** be accepted. All applicants will receive e-mail notification of the receipt of their proposal within 1 business day. If any questions, please e-mail Brian Gaboriau at [cdphe.ppp2@state.co.us](mailto:cdphe.ppp2@state.co.us) or call 303-692-2097.

# STATE OF COLORADO

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Denver, Colorado 80230-6928  
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department  
of Public Health  
and Environment

## Recycling Resources Economic Opportunity Rebate Program

### Rebate Application

For Period: July 1, 2008 to December 31, 2008

Company/Entity Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Primary Contact: \_\_\_\_\_ Phone Number: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Federal Tax Identification Number: \_\_\_\_\_ Web URL: \_\_\_\_\_

**By signing and submitting this rebate application, the applicant agrees that the information submitted on this application form is accurate, truthful, and complete.**

Print name of Authorized Official: \_\_\_\_\_

Signature of Authorized Official:

\*Please insert electronic signature  
into the box on the right or sign and  
fax to Brian Gaboriau at  
303-782-4969.

Date: \_\_\_\_\_ Title: \_\_\_\_\_

**Recycling Rebate Program**  
**Eligible Local Market Glass Recycling Application**  
 July 1, 2008 to December 31, 2008

Rebates to those entities who ship glass as a separate stream (not in a commingled stream) within Colorado, will be distributed based on a ton-mile basis. All applications must first be received to determine the exact amount being rebated. To avoid double counting, glass must be shipped to an end user. Entities who ship glass to a broker or intermediary would not be eligible to receive this rebate.

$$\text{Company B Glass Rebate} = \frac{(\text{Total dollars available}) \times (\text{Glass tonnage shipped by company B}) \times (\text{Miles collected glass is shipped})}{(\text{Total number of ton-miles of all approved applicants})}$$

Name and Location of Waste Hauler in Colorado	Information on glass recycling, eligible for rebate, collected between July 1, 2008 to December 31, 2008				
	Tons of Glass Shipped	Distance Shipped (miles) <sup>2</sup>	Name and Location of Glass Destination	Destination Phone Number	End Use <sup>3</sup>

Comments/Explanations
(Please use this space to explain how prior rebate funds, if received from last rebate cycle, were used to expand or support your glass recycling business)

CDPHE reserves the right to audit and/or ask for more detailed information concerning any information submitted on this application.

<sup>2</sup> Distanced shipped should equal the actual one way distance from collection point to glass destination.

<sup>3</sup> Remanufacturing applications (bottles, glass-ware, building materials), landscaping applications, use as aggregate, etc.

**Recycling Rebate Program**  
**Eligible Residential Curbside Recycling Application**  
 July 1, 2008 to December 31, 2008

Any **waste hauler** in Colorado who collects residential recyclable materials curbside in areas where local government regulations do not require residential recycling or in areas where residential recycling is not funded by governmental fees/taxes may apply for the rebate. To be considered for a rebate, entities must complete the application form below that includes the average number eligible curbside recycling customers serviced between July 1, 2008 and December 31, 2008; the type(s) of curbside recycling performed (single stream, dual stream, etc.); and the location of the curbside pickup program. The amount of the rebate will be calculated as follows:

$$\text{Company B Rebate} = \frac{(\text{Total \$ amount available for rebate}) \times (\text{Tonnage}^4 \text{ of eligible curbside recycling collected by Company B})}{(\text{Total tonnage of eligible curbside recycling collected by all applicants})}$$

Name and location of Waste Hauler in Colorado	Information on curbside recycling, eligible for rebate, collected between July 1, 2008 to December 31, 2008		
	Average number of eligible curbside customers serviced <sup>5</sup>	Type of curbside pickup (single stream, dual stream, etc.)	Location of curbside pickup program <sup>6</sup>

Comments/Explanations (Please use this space to explain how the rebate may result in new or continued curbside recycling programs where they are not required or underwritten by local government)

CDPHE reserves the right to audit and/or ask for more detailed information concerning any information submitted on this application.

<sup>4</sup> Tonnage will be determined by multiplying the number of customers by an average curbside recycling collection rate per household from rural and urban areas.

<sup>5</sup> Average number of eligible customers equals the sum of the number of customers served each month divided by 6 months.

<sup>6</sup> Location means: political subdivision, municipality, unincorporated area name, etc.

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Colorado Department  
of Public Health  
and Environment

## **Recycling Rebate Section 25-16.5-105(1)(k), C.R.S. Application and Information August 2009**

### **Recycling Rebate Program**

The Colorado Department of Public Health and Environment (department), working through its Pollution Prevention Advisory Board (board) and the Assistance Committee (committee) to the board, is requesting applications for the recycling rebate monies in the Recycling Resources Economic Opportunity (RREO) Fund. Total rebate monies expected to be available in August 2009 for the period January 1, 2009 through June 30, 2009 are approximately \$280,000.

Please find the application attached to the end of this information sheet.

### **Application Time Line:**

August 1, 2009	Application Period Begins
August 31, 2009, <b>2:00 pm</b>	Application Due Date
September 1st - September 18th, 2009	Application Review by Assistance Committee
September 22, 2009	Board to Approve Rebate Recommendations
October 15, 2009	Expected Rebate Payment Date

All future rebates will be awarded on a semi-annual basis. Separate notices or applications will be issued for rebates to be awarded every 6 months. **The next application for the time frame from July 1, 2009 to December 31, 2009 will be for the same materials (glass recycling and non-mandated curbside recycling).**

### **Rebate Formula**

According to Section 25-16.5-105(1)(k), C.R.S., any local government, non-profit, or for-profit entity that performs the services or recycles the materials listed below may apply for the rebates. In addition, this section of statute directs the board to develop a formula for paying the rebates and directs that the rebate be paid on commodities recycled on a per ton basis with differential rates for different commodities.

For the period January 1, 2009 through June 30, 2009, the board has developed the following formula for awarding the rebate. In the future, the formulas for awarding rebates may be re-allocated or other materials may be added to or removed from the rebate program.

### **Rebate Distribution Formula – for the period January 1, 2009 to June 30, 2009**

#### **50% of available rebate funds to glass shipping**

Glass can be a difficult material to recycle. In fact, including glass in single-stream recycling can lower the value of the single stream collected and many entities are asking that glass not be included

in their single stream collection. Nevertheless, the committee wanted to encourage collection of glass as a separate stream so that more material makes it to market for reuse and amounts lost due to breakage and improper sorting are minimized. Glass recyclers that supply glass **to in-state end users** will be rebated for their shipping costs to the end user on a ton-mile basis. The rebates will only be awarded for uses that legitimately displace glass from landfilling. These uses include, but may not be limited to, remanufacturing applications (bottles, glass-ware, building materials), landscaping applications, use as aggregate, and other committee-approved uses.

To be considered for a rebate, entities must complete the attached glass recycling application form that describes their eligible shipments between January 1, 2009 and June 30, 2009. All applicants must complete the table and provide the accepting entities' contact information in order to be considered for the rebate for monitoring purposes. The amount of rebate will be calculated as follows:

$$\text{Glass Rebate} = \frac{(\text{Tonnage} \times \text{Miles shipped by Applicant}) \times (\text{Total dollars available})}{\text{Per Ton-Mile} \quad (\text{Total number of ton-miles of approved applicants})}$$

### **50% of available rebate funds to waste haulers for certain residential curbside recycling**

The committee wants to continue to support curbside recycling in light of the downturn in commodity pricing. Therefore, any hauler who collects recyclable materials through a residential curbside collection program in areas where local government regulations do not require recycling or in areas where recycling is not funded by governmental fees/taxes may apply for the rebate.

To be considered for a rebate, entities must complete the attached application form that describes their eligible curbside recycling between January 1, 2009 and June 30, 2009. The amount of rebate will be calculated as follows:

$$\text{Per Curbside} = \frac{(\text{Total \$ amount available for rebate}) \times (\text{Tonnage}^1 \text{ of eligible curbside recycling collected by applicant})}{\text{Customer Rebate} \quad (\text{Total tonnage of eligible curbside recycling collected by all applicants})}$$

### **Proprietary Information Policy**

If proprietary information is provided by an applicant that constitutes a trade secret, confidential personnel information, or proprietary commercial or financial information, it will be treated in confidence by the department and the board provided this information is clearly marked with the term "Proprietary Information" on each appropriate page.

### **Rebate Payments**

The department should make the rebate payments from the RREO Fund to successful applicants on or about October 15, 2009. No rebate amounts less than \$100 will be awarded.

### **Submission of Rebate Applications**

Applications will be accepted beginning August 1<sup>st</sup>, 2009 and **must** be accompanied by a substitute W9 form, which may be found on the PPAB website: [http://www.cdphe.state.co.us/el/p2\\_program/rebates.html](http://www.cdphe.state.co.us/el/p2_program/rebates.html).

Electronic applications submitted in Microsoft Word or PDF format are strongly preferred. Please e-mail your application to Brian Gaboriau, Grants Administrator, at [cdphe.ppp2@state.co.us](mailto:cdphe.ppp2@state.co.us) (Subject Line: Recycling Rebate Application). Applications received through regular mail or by fax will also be accepted at the following address and fax number:

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<sup>1</sup> Tonnage will be determined by multiplying the number of customers by an average curbside recycling collection rate per household from rural and urban areas.

Colorado Department of Public Health and Environment  
Recycling Rebate Program c/o Brian Gaboriau  
4300 Cherry Creek Drive South  
EDO-OEIS-B2  
Denver, Colorado 80246-1530  
Fax: 303-782-4969

The deadline for receipt of applications is **2:00 PM on August 31, 2009**. Incomplete applications and applications received after this deadline will **not** be accepted. All applicants will receive e-mail notification of the receipt of their proposal within 1 business day. If any questions or if e-mail notification of receipt of application is not received, please e-mail Brian Gaboriau at [cdphe.ppp2@state.co.us](mailto:cdphe.ppp2@state.co.us) (Subject Line: Recycling Rebate Questions) or call 303-692-2097.

# STATE OF COLORADO

Bill Ritter, Jr., Governor  
James B. Martin, Executive Director

Dedicated to protecting and improving the health and environment of the people of Colorado

4300 Cherry Creek Dr. S.  
Denver, Colorado 80246-1530  
Phone (303) 692-2000  
TDD Line (303) 691-7700  
Located in Glendale, Colorado

Laboratory Services Division  
8100 Lowry Blvd.  
Denver, Colorado 80230-6928  
(303) 692-3090

<http://www.cdphe.state.co.us>



Colorado Department  
of Public Health  
and Environment

## Recycling Resources Economic Opportunity Rebate Program

### Rebate Application

For Period: January 1, 2009 to June 30, 2009

Company/Entity Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Primary Contact: \_\_\_\_\_ Phone Number: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Federal Tax Identification Number: \_\_\_\_\_ Web URL: \_\_\_\_\_

**By signing and submitting this rebate application, the applicant agrees that the information submitted on this application form is accurate, truthful, and complete.**

Print name of Authorized Official: \_\_\_\_\_

Signature of Authorized Official:

\*Please insert electronic signature  
into the box on the right or sign and  
fax or mail with completed application  
to Brian Gaboriau at 303-782-4969.

Date: \_\_\_\_\_ Title: \_\_\_\_\_



**Recycling Rebate Program**  
**Eligible Local Market Glass Recycling Application**  
 January 1, 2009 to June 30, 2009

Rebates to those entities who ship glass as a separate stream (not in a commingled stream) within Colorado, will be distributed based on a ton-mile basis. All applications must first be received to determine the exact amount being rebated. To avoid double counting, glass must be shipped to an end user. Entities who ship glass to a broker or intermediary would not be eligible to receive this rebate.

$$\text{Company B Glass Rebate} = \frac{(\text{Total dollars available}) \times (\text{Glass tonnage shipped by Company B}) \times (\text{Miles collected glass is shipped})}{(\text{Total number of ton-miles of all approved applicants})}$$

Name and Location of Waste Hauler in Colorado	Information on glass recycling, eligible for rebate, collected between January 1, 2009 and June 30, 2009				
	Tons of Glass Shipped	Distance Shipped (miles) <sup>2</sup>	Name and Location of Glass Destination	Destination Phone Number	End Use <sup>3</sup>

Comments/Explanations
(Please use this space to explain how prior rebate funds, if received from last rebate cycle, were used to expand or support your glass recycling business)

CDPHE reserves the right to audit and/or ask for more detailed information concerning any information submitted on this application.

<sup>2</sup> Distanced shipped should equal the actual one way distance from collection point to glass destination.

<sup>3</sup> Remanufacturing applications (bottles, glass-ware, building materials), landscaping applications, use as aggregate, etc.

# Recycling Rebate Program

## Eligible Residential Curbside Recycling Application

January 1, 2009 to June 30, 2009

Any **waste hauler** in Colorado who collects residential recyclable materials curbside in areas where local government regulations do not require residential recycling or in areas where residential recycling is not funded by governmental fees/taxes may apply for the rebate. To be considered for a rebate, entities must complete the application form below that includes the average number eligible curbside recycling customers serviced between January 1, 2009 and June 30, 2009; the type(s) of curbside recycling performed (single stream, dual stream, etc.); and the location of the curbside pickup program. The amount of the rebate will be calculated as follows:

$$\text{Company B Rebate} = \frac{(\text{Total \$ amount available for rebate}) \times (\text{Tonnage}^4 \text{ of eligible curbside recycling collected by Company B})}{(\text{Total tonnage of eligible curbside recycling collected by all applicants})}$$

Name and location of Waste Hauler in Colorado	Information on curbside recycling, eligible for rebate, collected between January 1, 2009 and June 30, 2009		
	Average number of eligible curbside customers serviced <sup>5</sup>	Type of curbside pickup (single stream, dual stream, etc.)	Location of curbside pickup program <sup>6</sup>

### Comments/Explanations:

(please use this space to explain how the rebate may result in new or continued curbside recycling programs where they are not required or underwritten by local government)

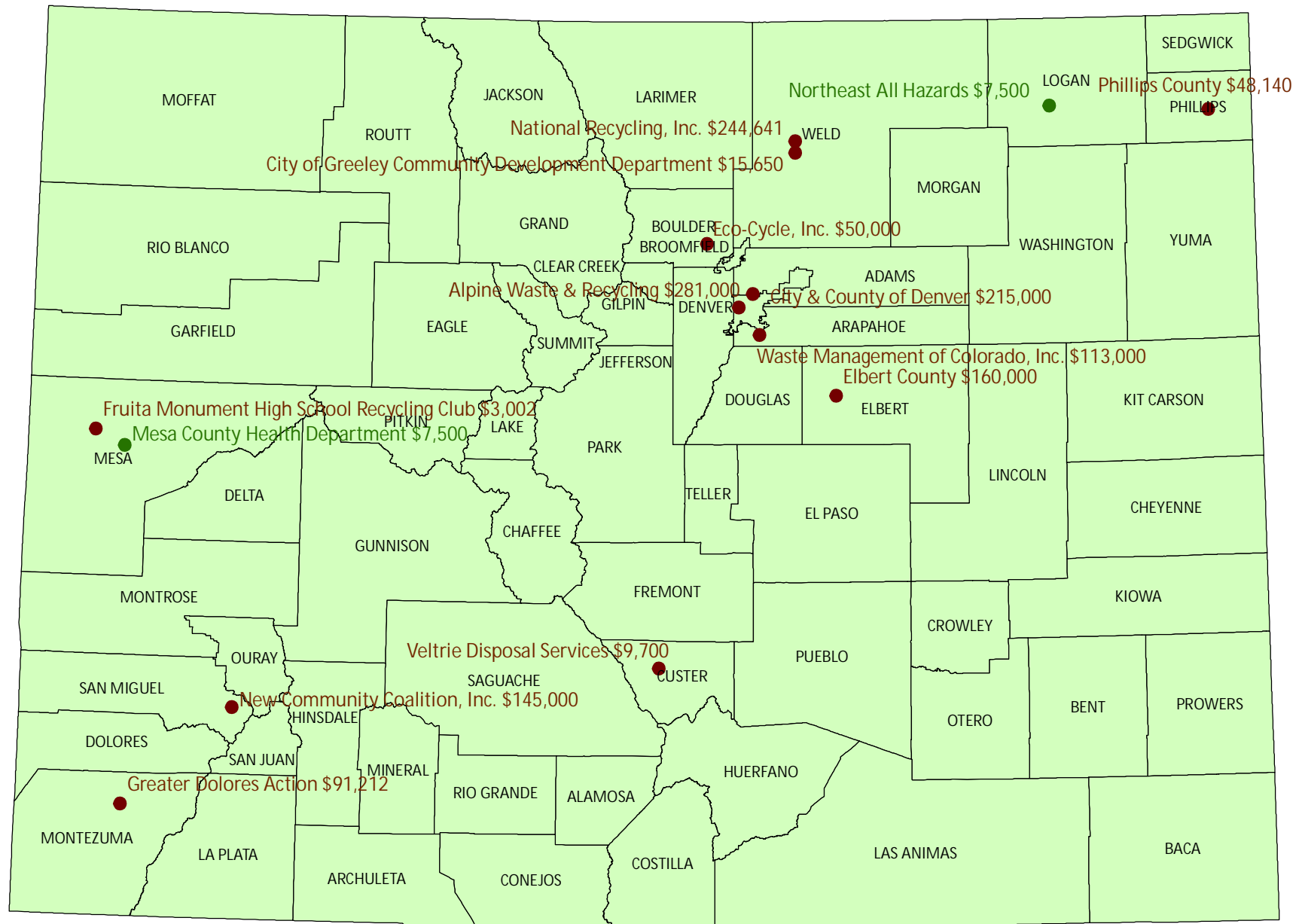
CDPHE reserves the right to audit and/or ask for more detailed information concerning any information submitted on this application.

<sup>4</sup> Tonnage will be determined by multiplying the number of customers by an average curbside recycling collection rate per household from rural and urban areas.

<sup>5</sup> Average number of eligible customers equals the sum of the number of customers served each month divided by 6 months.

<sup>6</sup> Location means: political subdivision, municipality, unincorporated area name, etc.

# FY09 Recycling Resources Economic Opportunity Grants



# FY10 Recycling Resources Economic Opportunity Grants

