Colorado Department of Public Health & Environment's 2nd Annual Grant Presentations Meeting

Presented by Brian Gaboriau, Grants Administrator and Rachel Wilson-Roussel, PPAB Administrator

Division of Environmental Health & Sustainability

October 26, 2010

Recycling Resources Economic Opportunity Fund Grant Program

- Began in 2007
- Currently in our 3rd grant cycle (started July 1, 2010)
- Grants last from 12 to 36 months
- Funding comes from tipping fees at state landfills and sale of new tires
- To date, we have awarded 40 grants for $3,557,938
- Average grant award: $88,948
- Type of projects we look for:
  - Waste Diversion
  - Job Creation
  - Sustainable
- FY 2009 figures:
  - Over 60 jobs created
  - Close to 30,000 tons diverted

Colorado Department of Public Health and Environment

Fiscal Year 2009 Grants

Organization	Grant Reward	Project Title	County	Geographical Area Served
Waste Management of Colorado, Inc.	$113,000	Denver Arapahoe Disposal Site Diversion Center (DADSDC)	Arapahoe	Front Range
Fruita Monument High School	$3,002	FMHS Recycling Club Pilot Recycling Program	Mesa	Southeast
Phillips County	$48,140	Paper and Cardboard Recycling	Phillips	Northeast
City of Greeley	$15,650	Greeley Green-Cycle Center	Weld	Northeast
Greater Dolores Action	$91,212	Four Corners Recycling Initiative	Montezuma	Southwest
Eco-Cycle Inc	$50,000	Purchase of a densifier for EPS block foam recycling	Boulder	Front Range
Veltrie Disposal Services	$9,700	Wet Mountain Valley Partners In Recycling	Custer	South Central
City & County of Denver	$215,000	Increasing Residential & Commercial Organics Waste Diversion in the City & County of Denver	Denver	Front Range
Elbert County	$160,000	Elbert County Recycling and Greenwaste Project	Elbert	Northeast
New Community Coalition	$145,000	Telluride Regional Resource & Recovery Center	San Miguel	Southwest
National Recycling Inc.	$244,641	Recycling Resources Economic Opportunity Grant Program	Weld	Northeast
Northeast All Hazards	$7,500	Northeast All Hazard Debris Management Plan	Washington	Northeast
Mesa County Health	$7,500	Mesa County Emergency Operations Plan: Debris Recycling and Recovery Annex	Mesa	Southeast
Alpine Waste & Recycling	$281,000	Waste Diversion Capacity and Competitiveness Project	Adams	Front Range

Fiscal Year 2010 Grants

Organization	Grant Reward	Project Title	County	Geographical Area Served
Sterling Correctional Facility	$47,465	Sterling Correctional Facility and Community Recycling Infrastructure Improvement	Logan	Northeast
Garden Centers Of Colorado	$32,403	Garden Plastic Recycling Program	Arapahoe	Front Range
Summit County Government	$141,000	Composting Expansion Project	Summit	Northwest
City of Grand Junction	$306,187	City of Grand Junction Recycling Program and Facilities Upgrade	Mesa	Northwest
City of Durango	$31,960	Regional Recycling Container Project	La Plata	Southwest
Town of Julesburg	$16,920	Julesburg Recycling Program	Sedgwick	Northeast
Clean Air Recycling & Waste Services	$154,301	Northern Colorado Organic Waste Recycling Program	Larimer	Front Range
Western Disposal Services	$173,900	Effective Composting in Urban Setting in Colorado	Boulder	Front Range
Twin Landfill Corporation	$17,681	Food Waste and Organics Project	Routt	Northwest
Kaul Corporation	$81,310	Volumetric Mixer Grant Request	Jefferson	Statewide
A1 Organics	$181,965	Removal of Plastic Contamination from Recycled Food Waste	Adams	Front Range
Recycle-Creede, Inc.	$40,010	Town of Creede Drop Off Center	Mineral	South Central

Fiscal Year 2011 Grants

Organization	Grant Reward	Project Title	County	Geographical Area Served
Alpine Waste & Recycling	$155,802	Compost Processing Facility Project	Adams	Front Range
Custer County Government	$63,482	Wet Mountain Valley Waste Minimization Partners	Custer	South Central
Angel of Shavano Recycling, LLC	$77,815	Chaffee County Recycling Container Expansion Project	Chaffee	South Central
Logan School For Creative Learning	$2,896	Trash Diversion through Composting and Increased Recycling	Denver	Front Range
Recycle-Creede	$27,902	Expanding Recycling into Rio Grande County	Mineral	South Central
University of Colorado-Denver	$38,508	Outdoor Recycling Program	Denver	Front Range
We Recycle	$62,520	We Recycle	Pueblo	Front Range
University of Northern Colorado	$40,506	Night Collection Recycling Expansion Program	Weld	Front Range
Town of Haxtun	$33,180	Phillips County Recycling Program	Phillips	Northeast
EDS Waste Solutions	$115,000	Recycle Processing Equipment	Jefferson	Front Range
Four Corners Recycling Initiative	$35,000	Four Corners Recycling Initiative	Montezuma	Southwest
Park County Vision 2020	$67,880	Recycle the Park	Park	South Central
Gallegos Sanitation	$127,000	The Gallegos Sanitation Recycle Center (1st Phase-Weld County Site) - A Waste Diversion Solution for the New Decade	Larimer	Front Range
City of Aspen	$94,000	Implementation of permanent food waste compost operation at Pitkin County Resource Recovery involving City of Aspen Restaurants, Grocers and Businesses	Pitkin	Northwest

- Advanced Technology Grant Program
  - Began in 2007
  - Currently in our 3rd grant cycle (started February 1, 2010)
  - Typical grant lasts up to 24 months
  - Funding came from sale of new tires
  - We awarded 19 grants for $2,309,473
  - Average grant amount: $121,551
  - Types of projects we looked for:
    - Research with the potential to enhance recycling in Colorado
    - Practical technologies that will be transferable to practical applications
  - Program ended on July 1, 2010 due to the passing of HB 1018 (Waste Tire Program)

Fiscal Year 2008 Grants

Organization	Grant Reward	Project Title
Colorado State University	149,320	Field Construction of Expansive Soil Rubber Mixtures for Civil Engineering Applications
University of Colorado-Denver	240,245	Recycling Solid Waste into High Performance Environmental, Structural Insulated Panels
University of Colorado, Boulder	133,929	Premixed Rubberized Insulation Mortar
University of Denver	96,601	Promoting Rubberized Asphalt and Other Scrap Tire Products in Colorado
Engineered Vinyl Products	224,000	Noise Mitigation Walls Using Recycled Tires - 6th Avenue Frontage Road
Green Giant Recycling	72,100	Creating Engineered Structural Building Components from Laminated Oriented Strand Board that has been Diverted from Landfill Waste Stream
Colorado Department of Transportation	160,000	Feasibility and Plan for Building the Best Practical Noise Mitigation Walls Utilizing Waste Tires along CDOT Highways

Fiscal Year 2009 & 2010 Grants

Organization	Grant Reward	Project Title
University of Colorado-Denver	96,660	Trash to Treasure: Using Crumb Rubber from Recycled Tires for Stormwater Pollution Control
3R Roofing LLC	59,300	Roofs to Roads
Skumatz Economic Research Associates	49,983	Getting the MOST from Colorado's Existing Recycling Programs and Infrastructure - Best Management Practices (BMP) in Education as the CHEAPEST and Most Efficient Technology/Technique to Increase Recycling in Colorado
San Luis Valley Resource Conservation & Development Council	46,915	Combined Sanitation District for Recycling and Diversion of Municipal Solid Wastes in the SLV
City & County of Denver	186,936	Increasing Residential Organics Waste Diversion in the City & County of Denver
Colorado Department of Transportation	300,000	Use of Waste Tires (Crumb Rubber) on Colorado Highways
Colorado Association for Recycling	24,737	Electronic Device Recycling Task Force (HB 09-1282)
Colorado State University	91,374	Feasibility Study for Highway Traffic Noise Barriers from a Spray Dryer Ash and used Rubber Composite
Roofs to Roads, Inc.	168,235	Recycled Asphalt Shingle and Ground Tire Rubber Paving Research Project
University of Colorado-Denver	103,285	Beneficial Use of Waste Tires for Concrete Production in Colorado
City of Colorado Springs	85,953	Taking Testing to the Next Level: Pavement Condition Analysis, Sound Study, and Materials Testing of Terminally Blended Tire Rubber Asphalt (TBTRA) Test Sections in Colorado Springs
Skumatz Economic Research Associates	19,900	Visioning Project for Solid Waste & Recycling in Colorado

POLLUTION PREVENTION ADVISORY BOARD
October 26, 2010
AGENDA

- 9:05 **Recycling Grant Presentations, Opening Remarks –** Brian Gaboriau, Kai Abelkis
- 9:10 **Colorado State University** – Field Construction of Expansive Soil Rubber Mixtures for Civil Engineering Applications – Dr. Antonio Carraro
- 9:30 **Recycle Creede** – Recycle Creede new drop off center – Cary Bush
- 9:55 **Kaul Corporation –** Volumetric Mixer Grant – Joe Kaul
- 10:20 **Break**
- 10:30 **City of Grand Junction** – City of Grand Junction Recycling Program and Facilities Upgrade – Kathy Portner, Steve Foss, Darren Starr
- 10:55 **3 R Roofing/Roofs to Roads** – Recycled Asphalt Shingle and Ground Tire Rubber Paving Research Project – Jennifer Shriver
- 11:20 **A1 Organics** – Removal of Plastic Contamination from Recycled Food Waste – Bob Yost
- 11:50 **Recycling Grant Presentations, Closing Remarks –** Brian Gaboriau
- 12:00 **RREO RFA**
- 12:15 **December/January Agenda**
- 12:20 **Adjourn**

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