

# Quarterly Report

## Beverage Container and Market Expansion Grants

Grant Cycle	Start Date:	End Date	Grantee Name	Grant Number	Descriptions	Funding Status	Stop Work Status	Misc. Notes
<b>Market Expansion</b>								
Active								
2006/07	4/1/2007	12/30/2012	Envision Plastics	5006-502	The applicant will produce food-grade recycled HDPE and PET from CRV and other containers, using patented technology that already has a Letter of Non Objection from the FDA. Expected production would be at least 6,000 tons per year of FDA-grade material. Grant funds would pay for washing, processing and pelletizing equipment.	Amount of grant Total spent to date Balance available to spend *Total paid to date	\$3,626,000.00 \$3,626,000.00 \$0.00 \$3,263,400.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09  <b>Closed?</b> no
CY 2007	12/28/2007	12/27/2011	PRCC	5007-512	The grantee will install specialized "Twister" auger/crushers at approximately 12 recycling sites to densify recycled PET loads to reduce transportation costs and improve quality. The grantee will monitor and analyze the performance of the equipment at all sites. The grant will pay for the Twister equipment at those sites only but not for "retrofitting" a reclaiming facility.	Amount of grant Total spent to date Balance available to spend *Total paid to date	\$1,000,000.00 \$992,122.74 \$7,877.26 \$892,910.46	Stop Work Issued: 3/18/09 Lifted: 10/31/09  <b>Closed?</b> no
CY 2007	12/28/2007	12/27/2011	PRCC	5007-513	The grantee will partner with NAPCOR and Akzo Nobel Chemicals Inc. for R&D. Together they will conduct a "Business Opportunity Analysis" for CRV PET and identify PET bottles that fall out of traditional recycling streams based on color & barrier properties. The assessment will identify volume and potential end markets for this material.	Amount of grant Total spent to date Balance available to spend *Total paid to date	\$445,000.00 \$54,908.97 \$390,091.03 \$49,418.07	Stop Work Issued: 3/18/09 Lifted: 10/31/09  <b>Closed?</b> no
CY 2007	12/27/2007	12/27/2012	Potential Industries Inc	5007-514	The grantee will upgrade its Materials Recovery Facility (MRF) with automated sorting equipment and incorporate key recommendations from the Single Stream Recycling "Best Practices Manual" to increase CRV material recovery.	Amount of grant Total spent to date Balance available to spend *Total paid to date	\$1,870,000.00 \$190,040.99 \$1,679,959.01 \$171,036.90	Stop Work Issued: 3/18/09 Lifted: 5/4/10  <b>Closed?</b> no

Grant Cycle	Start Date:	End Date	Grantee Name	Grant Number	Descriptions	Funding Status	Stop Work Status	Misc. Notes
CY 2007	12/8/2007	6/30/2011	Saint Gobain Containers Inc	5007-516	The grantee, in coordination with Container Recycling Alliance (CRA), will install ceramics and Pyrex detection units at a CRA facility to capture rejected post consumer glass for grantee's Madera container plant. The grant will pay for equipment and related taxes only. The grantee will analyze and report on the performance of the new equipment.	Amount of grant	\$1,000,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09
						Total spent to date	\$976,990.00	
						Balance available to spend	\$23,010.00	
						*Total paid to date	\$879,291.00	
CY 2007	12/28/2007	6/30/2011	Strategic Materials, Inc	5007-517	The grantee will install optical sorting equipment at their San Leandro & Commerce plants to improve their glass cleaning processes.	Amount of grant	\$547,103.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09
						Total spent to date	\$547,102.99	
						Balance available to spend	\$0.01	
						*Total paid to date	\$492,392.71	
CY 2007	12/28/2007	6/30/2011	Strategic Materials, Inc	5007-518	The grantee will install a laser-based system to detect non-transparent contamination from glass fines at their San Leandro, Commerce & Sacramento plants. The new equipment will recover over 58 million lbs. of glass currently going to the landfill annually.	Amount of grant	\$533,839.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09
						Total spent to date	\$533,838.99	
						Balance available to spend	\$0.01	
						*Total paid to date	\$480,455.11	
CY 2007	12/28/2007	12/31/2013	Capital City Packaging Inc	5007-521	The grantee will build a plant at McClellan Business Park in Sacramento for recycled PET sheet extrusion & thermoforming for packaging (fruit baskets, serving trays, and other retail products and packaging). The grant will pay for major equipment items (extruder and thermoforming machine) and related costs only.	Amount of grant	\$3,581,121.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10
						Total spent to date	\$0.00	
						Balance available to spend	\$3,581,121.00	
						*Total paid to date	\$0.00	
CY 2007	12/28/2007	6/30/2011	California Polytechnic State University	5007-522	The grantee will conduct a research and development project to investigate the use of recycled PET for commercially viable products in non-food applications. A California-specific Life Cycle Assessment (LCA) will quantify the environmental impacts of products at all stages of their lifecycle.	Amount of grant	\$500,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09
						Total spent to date	\$408,723.56	
						Balance available to spend	\$91,276.44	
						*Total paid to date	\$367,851.20	
CY 2007	12/28/2007	12/27/2012	Fireclay Tile	5007-524	The grantee will install equipment to expand the production of glass countertops and tiles which will use up to 3,000 tons of recycled glass per year.	Amount of grant	\$1,541,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09
						Total spent to date	\$898,479.02	
						Balance available to spend	\$642,520.98	
						*Total paid to date	\$808,631.13	

Grant Cycle	Start Date:	End Date	Grantee Name	Grant Number	Descriptions	Funding Status	Stop Work Status	Misc. Notes	
CY 2007	12/28/2007	6/30/2011	Floating Island International LLC	5007-525	The grantee will construct a plant in Southern California to manufacture floating islands made from recycled plastic beverage containers which will be used for wildlife habitat restoration in waterways and the reduction of pollution, salt and sediment. The grant will pay for major production costs and specified salaries, but exclude marketing and overhead / grant administration.	Amount of grant	\$1,295,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09	<b>Closed?</b> no
						Total spent to date	\$1,076,790.13		
						Balance available to spend	\$218,209.87		
						*Total paid to date	\$969,111.13		
CY 2007	12/28/2007	12/27/2011	Green Blue Institute	5007-527	The grantee will conduct research to develop a technically detailed roadmap for coordinating the design, manufacturing, collection and recovery of packaging along the supply chain. The goal will be to ensure that design and manufacturing decisions are effectively aligned with high-value, end-of-life outcomes for packaging materials.	Amount of grant	\$400,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09	<b>Closed?</b> no
						Total spent to date	\$386,162.24		
						Balance available to spend	\$13,837.76		
						*Total paid to date	\$347,546.02		
CY 2008	12/15/2008	12/14/2013	REPSO Inc	5008-501	The project will purchase and install equipment to produce Slipsheet products and relocate company from Denver, CO to Fresno, CA. The goals of the project are to increase the HDPE recycling rate through the use of 8 to 10 million lbs. of HDPE material and create new jobs while reducing greenhouse gas emissions related to recycling and transportation of raw materials and finished products.	Amount of grant	\$995,240.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	<b>Closed?</b> no
						Total spent to date	\$995,240.00		
						Balance available to spend	\$0.00		
						*Total paid to date	\$895,716.00		
CY 2008	12/15/2008	12/14/2012	Business For The Environment dba Future 500	5008-502	The project will develop and test a practical business system for sorting PLA and other materials from mixed recyclables and mixed plastics. It seeks to address both the sustainability of packaging materials in terms of natural resources used, carbon mitigation achieved, and the systems for recycling and re-use of these materials.	Amount of grant	\$1,047,500.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09	<b>Closed?</b> no
						Total spent to date	\$703,297.32		
						Balance available to spend	\$344,202.68		
						*Total paid to date	\$632,967.59		
CY 2008	12/15/2008	12/14/2011	OMNI Resource Recovery Inc	5008-503	The project will add a sink/float system to the PP/HDPE angleboard production line. The addition of this equipment will allow OMNI to make use of approximately 4.5 million lbs. of CRV Poly Propylene from California wash-lines that are extremely contaminated with PET.	Amount of grant	\$990,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09	<b>Closed?</b> no
						Total spent to date	\$914,652.35		
						Balance available to spend	\$75,347.65		
						*Total paid to date	\$823,187.11		

Grant Cycle	Start Date:	End Date	Grantee Name	Grant Number	Descriptions	Funding Status		Stop Work Status	Misc. Notes
CY 2008	12/15/2008	12/14/2012	National Association for PET Containers NAPCOR	5008-504	The project will provide the research, outreach and leadership necessary to establish an independent test laboratory at a college or university in California. The test laboratory will have the capability to perform the full range of tests and protocols necessary to receive APR recycling recognition for Critical Guidance documents. The assessment of recycling stream compatibility will become an essential marketing tool for any beverage maker introducing a new CRV package into the California market place.	Amount of grant	\$295,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
						Total spent to date	\$51,620.46		
						Balance available to spend	\$243,379.54		
						*Total paid to date	\$46,458.42		
CY 2008	12/15/2008	12/14/2011	PRCC	5008-505	The project will purchase and install six (6) Twister 20 High Compression Plastic Reduction Systems at recycling centers throughout California to improve processing efficiencies of PET recycled containers. Additionally grant funds will be used to support the designing, building and testing of a smaller Twister unit - Twister 10. The Twister unit is an auger system that crushes and compacts the PET containers, thereby improving the economics, quantity and quality of CRV PET.	Amount of grant	\$537,000.00	Stop Work Issued: 3/18/09 Lifted: 5/1/10	
						Total spent to date	\$492,619.70		
						Balance available to spend	\$44,380.30		
						*Total paid to date	\$443,357.73		
CY 2008	12/15/2008	12/14/2013	Valley Vista Services	5008-507	The project will increase the rate and quality of CRV recovery by establishing a commercial single-stream (CSS) processing and sorting line and expanding Valley Vista's multi-family residential single-stream (RSS) processing capabilities through technological advances and efficient sorting equipment. This will allow the implementation of a processing line for CSS virtually non-existent in Southern California that processes and separates clean CRV from the commercial waste stream in various cities, thus increasing the market value while increasing the recovery of CRV in the RSS through technological advances and efficiency.	Amount of grant	\$545,000.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
						Total spent to date	\$0.00		
						Balance available to spend	\$545,000.00		
						*Total paid to date	\$0.00		
CY 2008	12/15/2008	12/14/2011	Peninsula Plastics Recycling Inc	5008-510	The project will produce food grade material suitable for bottle-to-bottle container packaging applications. The facility will provide a California-based supply of food and beverage grade recycled plastic resin as demand for higher recycled content in packaging grows and product stewardship becomes more recognized and embraced. Peninsula's overarching goal is to establish the Peninsula R-PET manufacturing plant in California, which will produce FDA-approved food and beverage grade R-PET pellet and flake suitable for a variety of packaging applications.	Amount of grant	\$4,935,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
						Total spent to date	\$4,935,000.00		
						Balance available to spend	\$0.00		
						*Total paid to date	\$4,441,500.01		

Grant Cycle	Start Date:	End Date	Grantee Name	Grant Number	Descriptions	Funding Status	Stop Work Status	Misc. Notes
CY 2008	12/15/2008	12/14/2012	CSU Chico - Office of Research	5008-511	The project, in collaboration with Zanker Materials Processing Facility (ZMPF), will determine the quantities of beverage containers disposed in the mixed construction and demolition (C&D) debris. A characterization of the mixed (C&D) debris waste stream will be conducted for beverage container type, weight and recycling potential by developing and documenting a new processing method and sorting operation. The project will also demonstrate that the recovery of beverage containers in mixed C&D debris is possible and sustainable for C&D processors and recyclers and can increase the recovery of beverage containers not currently recycled, therefore reducing GHG emissions and the need for virgin materials in California.	Amount of grant Total spent to date Balance available to spend *Total paid to date	\$270,740.00 \$149,513.01 \$121,226.99 \$134,561.70	Stop Work Issued: 3/18/09 Lifted: 10/31/09  <b>Closed?</b> no
CY 2008	12/15/2008	12/14/2011	Owens Brockway Glass Container Inc	5008-512	The project will develop a specialized mini cullet plant in Tracy, California to produce higher quality cullet for glass bottle manufacturing. The applicant requests funding for equipment to include screening, ceramic and metal detection, pyro-ceramic detection, and color sorting.	Amount of grant Total spent to date Balance available to spend *Total paid to date	\$1,103,501.00 \$0.00 \$1,103,501.00 \$0.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10  <b>Closed?</b> no
CY 2008	12/15/2008	12/31/2013	CR&R Incorporated	5008-515	The project is for procurement and installation of optical scanner, overhead magnet, eddy current, and de-stoner equipment to capture CRV material. CR&R has begun a three-year development of what will be one of the most environmentally advanced MRF/Transfer/Construction and Demolition facilities in the U.S. The 52 acre facility will include LEED's status buildings and facilities, biofiltration of MRF/Transfer discharge air, water and will be one of the first facilities in the U.S. to develop biomethane from sorted municipal waste.	Amount of grant Total spent to date Balance available to spend *Total paid to date	\$730,000.00 \$0.00 \$730,000.00 \$0.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10  <b>Closed?</b> no
CY 2008	12/15/2008	12/14/2013	eCullet	5008-516	The project will develop, manufacture, and commission a compact pre-processing and sorter system for glass. The "Distributed Recycling of Glass Cullet" system will process the output of a single stream collected MRF residue to produce furnace ready cullet for sale to bottle companies in California. The system could be portable or a quick, easy and fixed installation located at a MRF.	Amount of grant Total spent to date Balance available to spend *Total paid to date	\$980,000.00 \$491,478.92 \$488,521.08 \$442,331.03	Stop Work Issued: 3/18/09 Lifted: 10/31/09  <b>Closed?</b> no

Grant Cycle	Start Date:	End Date	Grantee Name	Grant Number	Descriptions	Funding Status	Stop Work Status	Misc. Notes
CY 2008	12/15/2008	12/14/2011	Ecointesys-Life Cycle Systems	5008-517	The project will develop a tool for CalRecycle and others to use in assessing potential waste-to-energy and other technologies to be used as a component of California's beverage container recycling strategy. The tool will be based on a comprehensive lifecycle assessment of alternative beverage container end-of-life options and energy production options.	Amount of grant	\$72,000.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10
						Total spent to date	\$46,537.00	
						Balance available to spend	\$25,463.00	
						*Total paid to date	\$41,883.30	
CY 2008	12/15/2008	12/14/2011	R3 Consulting Group Inc	5008-518	The project will conduct a feasibility study for the transition to a beverage system that includes more refillable bottles in the mix of beverage containers in California. The study will outline the changes that would be required in current law, collection and processing, infrastructure, and manufacturing in order to support the use of more refillables in California. The study will also outline the investments needed, quantifiable benefits such as jobs created, GHG reduction and reduction in raw material use.	Amount of grant	\$300,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09
						Total spent to date	\$188,597.47	
						Balance available to spend	\$111,402.53	
						*Total paid to date	\$169,737.72	
CY 2008	12/15/2008	3/31/2013	EPIC Plastics, Inc	5008-519	The project will expand and update Epic Plastic's raw materials processing capabilities in the form of advanced technological machinery. This will permit Epic to solidify a partnership with an outside plastic pipe manufacturer by supplying the manufacturer with recycled post consumer bottle raw materials feedstock and consolidate the sales and deliveries with the manufacturer. This will result in decreased transportation required for delivery and distribution of raw materials and finished products and a reduction in GHG emissions.	Amount of grant	\$774,800.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10
						Total spent to date	\$0.00	
						Balance available to spend	\$774,800.00	
						*Total paid to date	\$0.00	

<b>Market Expansion</b>	<b>Amount of Grants</b>	<b>\$29,914,844.00</b>
Active Grants	<b>Total spent to date</b>	<b>\$18,659,715.86</b>
	<b>Balance available to spend</b>	<b>\$11,255,128.14</b>
	<b>*Total paid to date</b>	<b>\$16,793,744.35</b>

## Beverage Container Recycling

Active

2007/08	1/1/2008	6/30/2012	Monterey County Health Department	5007-508	Implement a permanent beverage container recycling drop-off center in Big Sur.	Amount of grant	\$150,000.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10
						Total spent to date	\$0.00	
						Balance available to spend	\$150,000.00	
						*Total paid to date	\$0.00	

Grant Cycle	Start Date:	End Date	Grantee Name	Grant Number	Descriptions	Funding Status	Stop Work Status	Misc. Notes	
2007/08	1/1/2008	6/30/2011	Monterey Regional Waste Management District	5007-509	Establish a buyback center in the Northern end of Monterey Peninsula.	Amount of grant	\$85,000.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
						Total spent to date	\$0.00		
						Balance available to spend	\$85,000.00		
						*Total paid to date	\$0.00		
2008/09	12/15/2008	5/31/2012	City of South Lake Tahoe	5008-200	Place recycling bins in selected public areas for use by visitors and residents. Collection has been arranged. Provide free reusable water bottles to sports team members.	Amount of grant	\$394,000.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
						Total spent to date	\$0.00		
						Balance available to spend	\$394,000.00		
						*Total paid to date	\$0.00		
2008/09	12/15/2008	5/31/2011	SMG Moscone Center	5008-201	Capture beverage containers generated by attendees at Moscone West through the addition of highly visible recycling receptacles in meeting room corridors and general session areas.	Amount of grant	\$166,868.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
						Total spent to date	\$0.00		
						Balance available to spend	\$166,868.00		
						*Total paid to date	\$0.00		
2008/09	12/15/2008	5/31/2011	Stanford University Athletics	5008-202	Purchase bins for all athletic facilities. Collection has been arranged.	Amount of grant	\$121,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
						Total spent to date	\$28,083.95		
						Balance available to spend	\$92,916.05		
						*Total paid to date	\$25,275.56		
2008/09	12/15/2008	5/31/2011	City of Gilroy	5008-203	Public facilities project will place recycling bins at all public buildings and provide recycling opportunities in underserved areas.	Amount of grant	\$50,300.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
						Total spent to date	\$0.00		
						Balance available to spend	\$50,300.00		
						*Total paid to date	\$0.00		

Grant Cycle	Start Date:	End Date	Grantee Name	Grant Number	Descriptions	Funding Status	Stop Work Status	Misc. Notes	
2008/09	12/15/2008	5/31/2011	Downtown Encinitas Mainstreet Association	5008-204	Two-phase project includes both a public bin design project for local artists and the purchase of supplementary Clearstream bins for two annual street fairs.	Amount of grant	\$85,000.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	<b>Closed?</b> no
						Total spent to date	\$0.00		
						Balance available to spend	\$85,000.00		
						*Total paid to date	\$0.00		
2008/09	12/15/2008	12/30/2011	Little Italy Association	5008-206	Purchase and distribute recycling bins in Little Italy neighborhood for use by residents and visitors.	Amount of grant	\$100,000.00	Stop Work Issued: 3/18/09 Lifted: 10/31/09	<b>Closed?</b> no
						Total spent to date	\$31,407.40		
						Balance available to spend	\$68,592.60		
						*Total paid to date	\$28,266.66		
2008/09	12/15/2008	5/31/2011	St. Mel Elementary School	5008-207	Institute beverage container recycling on campus.	Amount of grant	\$15,000.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	<b>Closed?</b> no
						Total spent to date	\$7,204.24		
						Balance available to spend	\$7,795.76		
						*Total paid to date	\$6,483.82		
2008/09	12/15/2008	5/31/2011	Columbia College	5008-208	Purchase CRV bins for high-traffic locations throughout Columbia College.	Amount of grant	\$35,000.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	<b>Closed?</b> no
						Total spent to date	\$0.00		
						Balance available to spend	\$35,000.00		
						*Total paid to date	\$0.00		
2008/09	12/15/2008	5/31/2011	East Bay Regional Park District	5008-209	Purchase 50 specified bins and signage in Spanish for installation throughout parks.	Amount of grant	\$26,500.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	<b>Closed?</b> no
						Total spent to date	\$0.00		
						Balance available to spend	\$26,500.00		
						*Total paid to date	\$0.00		
2008/09	12/15/2008	5/31/2011	Albany Unified School District	5008-210	Purchase steel bins for 10 main public schools. Collection has been arranged.	Amount of grant	\$23,859.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	<b>Closed?</b> no
						Total spent to date	\$0.00		
						Balance available to spend	\$23,859.00		
						*Total paid to date	\$0.00		

Grant Cycle	Start Date:	End Date	Grantee Name	Grant Number	Descriptions	Funding Status	Stop Work Status	Misc. Notes	
2008/09	12/15/2008	5/31/2011	Green Institute for Village Empowerment	5008-211	Coordinate policies, provide recycling information, and implement pilot programs.	Amount of grant Total spent to date Balance available to spend *Total paid to date	\$217,473.00 \$92,239.90 \$125,233.10 \$83,015.91	Stop Work Issued: 3/18/09 Lifted: 10/31/09	<b>Closed?</b> no
2008/09	12/15/2008	5/31/2011	Mt. San Jacinto Community College District	5008-212	Place indoor and outdoor recycling bins at San Jacinto and Menifee campus locations.	Amount of grant Total spent to date Balance available to spend *Total paid to date	\$50,000.00 \$0.00 \$50,000.00 \$0.00	Stop Work Issued: 3/18/09 Lifted: 5/4/10	<b>Closed?</b> no
<b>Beverage Container Recycling</b>						<b>Amount of Grants</b>	<b>\$1,520,000.00</b>		
Active Grants						<b>Total spent to date</b>	<b>\$158,935.49</b>		
						<b>Balance available to spend</b>	<b>\$1,361,064.51</b>		
						<b>*Total paid to date</b>	<b>\$143,041.95</b>		
<b>Total Active Market Expansion and Beverage Container Grants</b>						<b>Amount of Grants</b>	<b>\$31,434,844.00</b>		
						<b>Total spent to date</b>	<b>\$18,818,651.35</b>		
						<b>Balance available to spend</b>	<b>\$12,616,192.65</b>		
						<b>*Total paid to date</b>	<b>\$16,936,786.29</b>		