

Department of Resources Recycling and Recovery (CalRecycle)

Quarterly Report

Beverage Container and Market Expansion Grants - Open

9/27/2010

Grant Cycle	Start Date	End Date	Company Name	Grant Number	Amount Funded	Total Amount Invoiced	Balance	Description	Stop Work	MiscNotes
Beverage Container										
2007/08	1/1/2008	12/31/2010	City of Monterey	5007-503	\$89,112.00	\$68,736.71	\$20,375.29	Expand existing CRV beverage container recycling program by targeting the largest educational institutions within the City of Monterey (Defense Language Institute, Naval Post Graduate School, CSU Monterey Bay, Monterey Peninsula College, Monterey Institute of International Studies and Monterey High School).	Stop Work Issued: 3/18/09 Lifted: 10/30/09	
2007/08	1/1/2008	12/31/2010	City of Monterey	5007-504	\$312,654.00	\$78,359.31	\$234,294.69	Expand existing beverage container recycling program by providing convenient recycling opportunities in tourist-related establishments, venues and events within the City of Monterey.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
2007/08	1/1/2008	12/31/2010	Ecology Action of Santa Cruz	5007-506	\$546,734.00	\$462,172.64	\$84,561.36	Develop and implement the Monterey Bay Area Regional Tourism Recycling and Litter Abatement Program providing a convenient and consistent beverage container recycling and education program for tourists, recreational areas, parks and community events in 22 coastal Monterey Bay Area communities.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
2007/08	1/1/2008	6/30/2012	Monterey County Health Department	5007-508	\$150,000.00	\$0.00	\$150,000.00	Implement a permanent beverage container recycling drop-off center in Big Sur.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
2007/08	1/1/2008	6/30/2011	Monterey Regional Waste Management District	5007-509	\$85,000.00	\$0.00	\$85,000.00	Establish a buyback center in the Northern end of Monterey Peninsula.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
2008/09	12/15/2008	5/31/2011	City of South Lake Tahoe	5008-200	\$394,000.00	\$0.00	\$394,000.00	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	

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2008/09	12/15/2008	5/31/2011	SMG Moscone Center	5008-201	\$166,868.00	\$0.00	\$166,868.00	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
2008/09	12/15/2008	5/31/2011	Stanford University Athletics	5008-202	\$121,000.00	\$28,083.95	\$92,916.05	Purchase bins for all athletic facilities. Collection has been arranged.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
2008/09	12/15/2008	5/31/2011	City of Gilroy	5008-203	\$50,300.00	\$0.00	\$50,300.00	Public facilities project will place recycling bins at all public buildings and provide recycling opportunities in underserved areas.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
2008/09	12/15/2008	5/31/2011	Downtown Encinitas Mainstreet Association	5008-204	\$85,000.00	\$0.00	\$85,000.00	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
2008/09	12/15/2008	5/31/2011	Little Italy Association	5008-206	\$100,000.00	\$23,417.86	\$76,582.14	Purchase and distribute recycling bins in Little Italy neighborhood for use by residents and visitors.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
2008/09	12/15/2008	5/31/2011	St. Mel Elementary School	5008-207	\$15,000.00	\$5,785.78	\$9,214.22	Institute beverage container recycling on campus.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
2008/09	12/15/2008	5/31/2011	Columbia College	5008-208	\$35,000.00	\$0.00	\$35,000.00	Purchase CRV bins for high-traffic locations throughout Columbia College.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	Working on extension.
2008/09	12/15/2008	5/31/2011	East Bay Regional Park District	5008-209	\$26,500.00	\$0.00	\$26,500.00	Purchase 50 specified bins and signage in Spanish for installation throughout parks.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	Working on extension.
2008/09	12/15/2008	5/31/2011	Albany Unified School District	5008-210	\$23,859.00	\$0.00	\$23,859.00	Purchase steel bins for 10 main public schools. Collection has been arranged.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	Working on extension.
2008/09	12/15/2008	5/31/2011	Green Institute for Village Empowerment	5008-211	\$217,473.00	\$92,239.90	\$125,233.10	Coordinate policies, provide recycling information, and implement pilot programs.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
2008/09	12/15/2008	5/31/2011	Mt. San Jacinto Community College District	5008-212	\$50,000.00	\$0.00	\$50,000.00	Place indoor and outdoor recycling bins at San Jacinto and Menifee campus locations.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
			Beverage Container Totals		\$2,468,500.00	\$758,796.15	\$1,709,703.85			

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Market Expansion										
2006/07	4/1/2007	3/31/2010	Envision Plastics	5006-502	\$3,626,000.00	\$3,626,000.00	\$0.00	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	11/16/09 Grant Amendment #1 approved: Extension in time to 3/31/10. Working on 2nd extension. Holding retention pending completion of project and final report.
CY 2007	12/28/2007	12/27/2010	PRCC	5007-512	\$1,000,000.00	\$992,122.74	\$7,877.26	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	Project complete. Final Report in process of completion.
CY 2007	12/28/2007	12/27/2010	PRCC	5007-513	\$445,000.00	\$54,908.97	\$390,091.03	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	

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CY 2007	12/27/2007	12/27/2010	Potential Industries Inc	5007-514	\$1,870,000.00	\$190,040.99	\$1,679,959.01	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
CY 2007	12/8/2007	12/27/2010	Saint Gobain Containers Inc	5007-516	\$1,000,000.00	\$976,990.00	\$23,010.00	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
CY 2007	12/28/2007	12/27/2010	Strategic Materials, Inc	5007-517	\$547,103.00	\$547,103.00	\$0.00	The grantee will install optical sorting equipment at their San Leandro & Commerce plants to improve their glass cleaning processes.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	Term of grant agreement extended from 12/27/2009 to 12/27/2010. Holding retention pending completion of project and final report.
CY 2007	12/28/2007	12/27/2010	Strategic Materials, Inc	5007-518	\$533,839.00	\$533,839.00	\$0.00	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	Term of grant agreement extended from 12/27/2009 to 12/27/2010. Holding retention pending completion of project and final report.

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CY 2007	12/28/2007	12/27/2010	Capital City Packaging Inc	5007-521	\$3,581,121.00	\$0.00	\$3,581,121.00	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
CY 2007	12/28/2007	12/27/2010	California Polytechnic State University	5007-522	\$500,000.00	\$365,722.72	\$134,277.28	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
CY 2007	12/28/2007	12/27/2010	Fireclay Tile	5007-524	\$1,541,000.00	\$577,367.83	\$963,632.17	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
CY 2007	12/28/2007	12/27/2010	Floating Island International LLC	5007-525	\$1,295,000.00	\$1,076,790.13	\$218,209.87	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	

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CY 2007	12/28/2007	12/27/2010	Green Blue Institute	5007-527	\$400,000.00	\$378,412.24	\$21,587.76	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	Grantee is working on deliverables.
CY 2007	12/28/2007	12/27/2010	Leading Industry Inc DBA Pinnacle Plastic Containe	5007-528	\$1,631,300.00	\$1,631,300.00	\$0.00	The grantee will install a co-extrusion system to produce "A-B-A multi-layer PET" recycled-content sheet for use in the production of food packaging.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	Grantee working on draft final report. Funds still available. Grant received an extension from 12/27/2009 to 12/27/2010. Holding retention pending completion of project and final report.
CY 2008	12/15/2008	12/14/2011	REPSCO Inc	5008-501	\$995,240.00	\$995,240.00	\$0.00	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	Holding retention pending completion of project and final report.
CY 2008	12/15/2008	12/14/2011	Business For The Environment dba Future 500	5008-502	\$1,047,500.00	\$202,965.30	\$844,534.70	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	

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CY 2008	12/15/2008	12/14/2011	OMNI Resource Recovery Inc	5008-503	\$990,000.00	\$914,652.35	\$75,347.65	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 Propopylene from California wash-lines that are currently too contaminated with PET to be used.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
CY 2008	12/15/2008	12/14/2011	National Association for PET Containers NAPCOR	5008-504	\$295,000.00	\$36,419.47	\$258,580.53	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
CY 2008	12/15/2008	12/14/2011	PRCC	5008-505	\$537,000.00	\$492,619.70	\$44,380.30	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
CY 2008	12/15/2008	12/14/2011	TOMRA Pacific Inc	5008-506	\$1,400,000.00	\$0.00	\$1,400,000.00	The project will purchase equipment and construct a new glass beneficiating facility in Commerce, CA. The facility will allow Tomra to beneficiate bottle glass for use in the production of new glass containers. The project will vertically integrate Tomra's glass processing activities.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	

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CY 2008	12/15/2008	12/14/2011	Valley Vista Services	5008-507	\$545,000.00	\$0.00	\$545,000.00	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
CY 2008	12/15/2008	12/14/2011	Peninsula Plastics Recycling Inc	5008-510	\$4,935,000.00	\$4,935,000.00	\$0.00	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	Holding retention pending completion of project and final report.

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CY 2008	12/15/2008	12/14/2011	CSU Chico - Office of Research	5008-511	\$270,740.00	\$114,453.86	\$156,286.14	The project, in collaboration with Zanker Materials Processing Facility (ZMPF), will determine the quantities of beverage containers that are 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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
CY 2008	12/15/2008	12/14/2011	Owens Brockway Glass Container Inc	5008-512	\$1,103,501.00	\$0.00	\$1,103,501.00	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
CY 2008	12/15/2008	12/14/2011	Davis Street Transfer Station	5008-513	\$744,419.00	\$703,000.16	\$41,418.84	The project will purchase and install an optical sort system to capture PET and Aluminum found in the low grade mixed paper stream. The project increases recovery of PET CRV containers by 15% or 106 tons per year. The project increases the amount of aluminum cans collected by 15% or 78 tons per year. The project also seeks to perform pre-installation and post installation CRV characterization studies to measure actual recycling increases from baseline.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	

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CY 2008	12/15/2008	12/14/2011	CR&R Incorporated	5008-515	\$730,000.00	\$0.00	\$730,000.00	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	
CY 2008	12/15/2008	12/14/2011	eCullet	5008-516	\$980,000.00	\$491,478.92	\$488,521.08	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 co-located at a MRF.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
CY 2008	12/15/2008	12/14/2011	EcoIntesys-Life Cycle Systems	5008-517	\$72,000.00	\$0.00	\$72,000.00	The project will develop a tool for DOC 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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	

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CY 2008	12/15/2008	12/14/2011	R3 Consulting Group Inc	5008-518	\$300,000.00	\$170,372.47	\$129,627.53	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.	Stop Work Issued: 3/18/09 Lifted: 10/31/09	
CY 2008	12/15/2008	12/14/2011	EPIC Plastics, Inc	5008-519	\$774,800.00	\$0.00	\$774,800.00	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.	Stop Work Issued: 3/18/09 Lifted: 5/4/10	

Market Expansion Totals **\$33,690,563.00** **\$20,006,799.85** **\$13,683,763.15**

Total Open Beverage Container and Market Expansion Grants **\$36,159,063.00** **\$20,765,596.00** **\$15,393,467.00**