



## 2009/10 Accomplishments and 2010/11 Tasks/Plans

### Strategic Priority Area: Diversion

CCCSWA Board Goals	2009/10 Accomplishments	2010/11 Tasks/Plans	2010/11 Budget
<p><b><i>Evaluate and establish a new, increased diversion rate and develop mechanisms to measure diversion for each community/sector</i></b></p>	<ul style="list-style-type: none"> <li>All member cities met or exceeded AB 939 diversion requirements for Report Year 2008 using the SB 1016 “50% Equivalent Diversion Target” standard. The 2009 Annual Report will be submitted for the entire CCCSWA service area as a “Regional Agency” for the first time.</li> </ul>	<ul style="list-style-type: none"> <li>The CCCSWA will use existing and planned diversion programs to achieve a 60% diversion goal for 2010 and beyond.</li> <li>Diversion goal achievement will be measured by SB 1016 diversion measurement methodologies and collection program performance statistics that will measure actual diversion rates by member agency, community sector (residential/commercial/industrial) and by material type.</li> </ul>	<ul style="list-style-type: none"> <li>No specific funds budgeted; covered in salaries.</li> </ul>
<p><b><i>Promote the new diversion rate as a common goal for all community sectors</i></b></p>	<ul style="list-style-type: none"> <li>The “50% Equivalent Diversion Target” established by SB 1016 represents 50% per capita diversion and was used during 2008 annual reporting.</li> </ul>	<ul style="list-style-type: none"> <li>The 60% diversion goal and SB 1016 per capita equivalent (as required by state law) will be used as a common diversion goal for all CCCSWA member agencies and community sectors.</li> </ul>	<ul style="list-style-type: none"> <li>No specific funds budgeted; covered in salaries.</li> </ul>
<p><b><i>Seek and evaluate new opportunities for waste reduction and diversion activities that will contribute to CCCSWA’s ability to meet and exceed the established diversion goal</i></b></p>	<ul style="list-style-type: none"> <li>Expanded the commercial food waste collection pilot from 45 to 105 participants and refined transfer station grinder operations producing food waste that meets EBMUD specifications for digestion. Initiated work on a long term contract with EBMUD for digestion services. Collected 1,055 tons of food waste since pilot start.</li> <li>Working with consultants Gary Liss and H2 Consulting (Harriett Heibel), staff worked with the CCCSWA Board to consider different alternatives for franchising commercial collection services and</li> </ul>	<ul style="list-style-type: none"> <li>Continue to expand commercial food waste through February 2010 to fill three route days and cap pilot expansion. Maintain pilot program for six month period until expansion begins September 1, 2010.</li> <li>Expand residential food scrap collection into Walnut Creek with green/food waste materials composted at the Newby Island facility.</li> <li>Continue work with Board and consultants to consider franchising alternatives and recovery technologies for the new commercial recycling implementation strategy. This planning process is ongoing and will continue into FY 10/11.</li> </ul>	<ul style="list-style-type: none"> <li>Maintenance of food pilot budgeted at \$147,000 in DIF budget.</li> <li>\$53,000 in DIF budget to expand Home Food Scrap Program.</li> <li>Commercial Franchise planning covered in salaries.</li> </ul>

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	<p>technologies for collection and processing.</p> <ul style="list-style-type: none"> <li>• Working with member city permit staff, the CCCSWA developed a “model” C&amp;D Ordinance and list of authorized “Certified C&amp;D Disposal Facilities”. The model ordinance has been adopted by the cities of Walnut Creek, Danville, and Orinda. Additionally, the CCCSWA issued an RFP for C&amp;D disposal tracking software that will allow faster and more accurate measurement of C&amp;D disposal and diversion by project and by city.</li> <li>• Formalized special event recycling procedures through development of a “tool kit” that is distributed by member city event permitting to event organizers. The tool kit is also available at the CCCSWA website.</li> <li>• Met with ACME landfill ownership to discuss development of new composting capacity that will allow expansion of food waste and other organics processing.</li> </ul>	<ul style="list-style-type: none"> <li>• Continue to work with member city building permit staff to complete revisions to C&amp;D ordinances (Lafayette/Moraga), update certified facilities list, and implement new tracking software.</li> <li>• Establish RecycleBank pilot program in Moraga and Orinda to test systems ability to increase monthly collection by 100-200 lbs/residence.</li> <li>• Continue to assist member cities in implementation of special events tool kit and provide assistance to event organizers when requested. Staff information booths at selected events in each community.</li> <li>• Initiate the search for a comparable compost bin to replace the Biostack Composter. Compost bins will be tested by CCCSWA staff and compost workshop instructors and samples or photographs shown at compost workshops to gain public input in this decision.</li> <li>• Continue contact with ACME ownership to discuss development of new composting capacity. DIF budget amount will fund consultant who will assess feasibility and permit requirements for facility development.</li> <li>• Establish new program manager position responsible for office building and multi-family recycling expansion.</li> <li>• Work with Valley Waste Management to increase promotion of the small business program and stimulate increased participation.</li> </ul>	<ul style="list-style-type: none"> <li>• \$102,000 for RecycleBank pilot for one year.</li> <li>• \$5,100 for Biostack Replacement Testing and selection.</li> <li>• \$45,000 budgeted for ACME compost assessment.</li> <li>• New Associate Program Manager position included in Ops. budget.</li> <li>• Small business collection operated by WM and funded under current franchise.</li> </ul>

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<p><b><i>Develop mechanisms to measure effectiveness of existing waste reduction and recycling programs and evaluate underperforming programs for improvement or termination</i></b></p>	<ul style="list-style-type: none"> <li>• Franchise/contract service providers submitted quarterly collection reports with material tonnage/volume data. Review and analysis of current and historic collection data allows evaluation of program performance and provides information for annual report development.</li> <li>• State/CalRecycle operates “Disposal Reporting System” (DRS) providing disposal information, by community, for purposes of developing the annual report and to assess diversion program performance.</li> </ul>	<ul style="list-style-type: none"> <li>• Franchise/contract service providers will submit quarterly collection reports with material tonnage and volume information for each member city. Review and analysis of collection data will allow evaluation of program performance.</li> <li>• State/CalRecycle operates “Disposal Reporting System” (DRS) that provides disposal information by community annual reporting and identification of important disposal and diversion trends that influence the diversion rates for member communities.</li> </ul>	<ul style="list-style-type: none"> <li>• All of these tasks/plans will be covered in salaries.</li> </ul>
<p><b><i>Develop a plan to redesign the approach to the commercial recycling sector that will contribute to increasing the overall diversion goal</i></b></p>	<ul style="list-style-type: none"> <li>• Working with consultants Gary Liss and Harriett Heibel, staff worked with Board members to consider different alternatives for franchising commercial collection and technologies for collection and processing. This planning process is ongoing and will continue into FY 10/11.</li> </ul>	<ul style="list-style-type: none"> <li>• Staff will continue to work with the Board and supporting consultants to develop program options that will include exclusive and multiple franchising scenarios and new collection/ processing technologies for implementation post -2012.</li> <li>• Current small business and permit recycling programs will continue and staff will manage these programs to maximize diversion. The permitted recycler program is scheduled to conclude in June, 2012.</li> </ul>	<ul style="list-style-type: none"> <li>• All tasks/plans will develop from staff work and the Board Planning workshop which is covered in salaries.</li> </ul>
<p><b><i>Investigate existing or new technologies that will increase material diversion, including “Wet/Dry” collection methodologies, mixed or dirty Material Recovery Facilities (MRF), and others</i></b></p>	<ul style="list-style-type: none"> <li>• Staff identified processes and technologies that will increase material diversion, including wet/dry collection, comprehensive or targeted Material Recovery Facilities (MRF), C&amp;D Recovery, and others.</li> </ul>	<ul style="list-style-type: none"> <li>• Analyze processes and technologies for diversion potential and operational costs to determine which technology/process creates the greatest potential for cost-effective waste diversion.</li> </ul>	<ul style="list-style-type: none"> <li>• Staff work covered in salaries.</li> </ul>

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<p><b><i>Identify, develop, or expand local/regional facilities for processing of recovered materials (i.e. green waste, food waste, fiber)</i></b></p>	<ul style="list-style-type: none"> <li>In working with AWS, staff has determined that additional food/green waste composting capacity exists at AWS operated facilities Newby Island (Milpitas) and Forward Landfill (Stockton).</li> <li>Made initial contacts with ACME Landfill ownership to assess additional green waste recycling/composting destinations.</li> </ul>	<ul style="list-style-type: none"> <li>Work with AWS to secure additional capacity at either Newby Island or Forward Landfill for food scrap program expansion into unincorp. County areas.</li> <li>Maintain contact with ACME and include AWS as a potential partner in developing this capacity. Use DIF funding to conduct feasibility and permitting requirement analysis.</li> <li>Investigate new composting technologies, including enclosed processes that may improve processing efficiency and reduce permitting requirements.</li> </ul>	<ul style="list-style-type: none"> <li>Staff work covered in salaries.</li> <li>\$45,000 in DIF budget for analysis of ACME expansion.</li> </ul>
<p><b><i>Increase effectiveness of city C&amp;D ordinances and self-haul collection/recovery programs for C&amp;D waste materials</i></b></p>	<ul style="list-style-type: none"> <li>A new “model” C&amp;D Ordinance for use to revise existing ordinances (and development of new ordinance for the Town of Danville) was completed in June, 2009. The model was the basis for a new C&amp;D ordinance in Danville and supported revisions by Walnut Creek and Orinda. Staff serving Lafayette and Moraga continue work to review the model and revise their ordinances.</li> <li>CCCSWA issued an RFP for C&amp;D disposal tracking software that will allow faster and more accurate measurement of C&amp;D recovery and disposal by permitted project and by city.</li> </ul>	<ul style="list-style-type: none"> <li>CCCSWA staff will continue to work with member agency staffs to revise and implement updated C&amp;D ordinances, and expand use of the authorized of Certified C&amp;D Disposal Facilities.</li> <li>CCCSWA will work with member agency staff to implement new C&amp;D recovery and disposal tracking software. This will greatly enhance city/regional efforts to track diversion, by city and region, for annual reporting.</li> </ul>	<ul style="list-style-type: none"> <li>C&amp;D Ord. Staff work covered in salaries.</li> <li>Cost for the tracking software will be an optional charge paid by permit holder.</li> </ul>

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<p><b><i>Pursue regional partnerships that will increase scope and effectiveness of programs and potentially lower costs</i></b></p>	<ul style="list-style-type: none"> <li>Continued partnership with EBMUD and Allied Waste Services to implement commercial food waste pilot.</li> <li>Continued partnership with Stopwaste.org, and Cities of San Jose, San Francisco, and San Ramon to assess and certify regional C&amp;D recovery facilities.</li> <li>Developed partnership with member city building permit staff to complete model C&amp;D Ordinance, develop approved C&amp;D Disposal Facilities list, and assisted with RFP process to secure C&amp;D tracking software for use by member cities.</li> </ul>	<ul style="list-style-type: none"> <li>Sustain partnership with EBMUD and AWS to begin expansion of the commercial food program beginning September 1, 2010.</li> <li>Continue partnerships with Stopwaste.org, and Cities of San Jose, San Francisco, and San Ramon to certify C&amp;D recovery facilities.</li> <li>Continue work with member city building permit staff to complete model C&amp;D Ordinance, develop approved C&amp;D Disposal Facilities list, and assisted with RFP process to secure C&amp;D tracking software for use by member cities.</li> </ul>	<ul style="list-style-type: none"> <li>\$147,000 in DIF budget for maintenance of pilot through August 2010.</li> <li>Expansion of commercial food programs begins Sept. 1 and is funded by rates.</li> <li>C&amp;D staff work covered in salaries.</li> </ul>
<p><b><i>Evaluate and assess continuing food waste collection programs for residential and commercial sectors</i></b></p>	<ul style="list-style-type: none"> <li>Continued Lamorinda Residential Food Scrap Program with collected green/food waste materials composted at the Newby Island facility.</li> <li>Initiated planning with VWM to extend home food scrap program for Walnut Creek and adjacent County areas.</li> </ul>	<ul style="list-style-type: none"> <li>Continue Lamorinda Residential Food Scrap Program and expand residential food scrap collection into Walnut Creek with green/food waste materials composted at the Newby Island facility.</li> </ul>	<ul style="list-style-type: none"> <li>Expansion of the W.C Food Scrap Program budgeted at \$53,000 in DIF.</li> </ul>
<p><b><i>Match current and future diversion program and activities with local government protocols for greenhouse gas reduction</i></b></p>	<ul style="list-style-type: none"> <li>Recognized draft AB 32 Local Government Protocol identifying commercial waste diversion and landfill gas capture as primary “targets” for AB 32 mitigation action.</li> </ul>	<ul style="list-style-type: none"> <li>CCCSWA staff recommends mandatory commercial recycling during commercial program development and franchising as required by adopted regulations.</li> <li>CCCSWA will continue to monitor local government protocols as they are released and/or modified by the CA Air Resources Board (CARB) and CalRecycle.</li> </ul>	<ul style="list-style-type: none"> <li>Staff work covered in salaries.</li> </ul>

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<p><b><i>Monitor climate change legislation for potential impacts on current/future diversion programs and activities</i></b></p>	<ul style="list-style-type: none"> <li>Participated in “stake holder” meeting and monitored CalRecycle/CARB planning and development of mandatory commercial recycling regulations that are currently scheduled for adoption in 2012.</li> </ul>	<ul style="list-style-type: none"> <li>CCCSWA will consider adoption of mandatory commercial recycling in commercial program franchising and program development as required by State regulation adoption in 2012.</li> <li>Monitor voter initiative that may impact implementation of AB 32.</li> </ul>	<ul style="list-style-type: none"> <li>Staff work covered in salaries.</li> </ul>
<p><b><i>Program waste reduction and recycling into key community events (i.e. special events, natural disaster/storm, large construction, etc.)</i></b></p>	<ul style="list-style-type: none"> <li>CCCSWA developed a new Special Events Recycling “Tool Kit” for use by each member agency that will support recycling activities and recording of collected volume/weights.</li> <li>CCCSWA assisted member cities in recycling at special events, including Walnut Creek Art &amp; Wine Festival, Art &amp; Wine Fair in Lafayette, and Lafayette Earth Day, Moraga Pear Festival.</li> </ul>	<ul style="list-style-type: none"> <li>CCCSWA will continue work with cities to implement use of the Special Events Tool Kit.</li> <li>CCCSWA staff will participate in one large special event for each member city to distribute waste reduction and recycling information.</li> <li>CCCSWA will use new/revised C&amp;D ordinances to require construction waste diversion at all large or residential development construction projects.</li> <li>CCCSWA will assist city staff in identification of and appropriate disposal of disaster/storm waste that maximizes diversion of recyclable waste material.</li> </ul>	<ul style="list-style-type: none"> <li>Staff work covered in salaries.</li> </ul>

