

**AGENDA**  
**Resource Conservation Commission**  
**Chula Vista, California**

Monday, January 9, 2012  
4:00 pm

Executive Conference Room 103, Building 100  
276 Fourth Avenue

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**CALL TO ORDER**

**ROLL CALL:** Chair Stillman, Commissioners Coleman, Davis, Kappes, Rahimzadeh, Romo, and Vargas

**MOTION TO EXCUSE:** None

**APPROVAL OF MINUTES:** December 12, 2011

**ORAL COMMUNICATIONS:** An opportunity for members of the public to speak to the Resource Conservation Commission on any subject matter within the Commission's jurisdiction but not an item on today's agenda. Each speaker's presentation may not exceed three minutes.

**ACTION ITEMS**

1. Proposed Council Shade Tree Policy – Mary Radley

Action: That the Resource Conservation Commission recommend that City Council adopt the new Shade Tree policy

**INFORMATION ITEMS**

1. NatureScape-In-A-Box Kits & Workshop – Giselle Valdivieso
2. Green Business Challenge Kick-Off Event & Update – Joseph Coppola & Kellen Dammann
3. RCC Action Plan – Brendan Reed & Lynn France

**FUTURE ITEMS**

- New SDG&E Local Government Partnership Components – Library & Recreation
- 2011 Municipal Energy & Water Resource Report
- Municipal Solar Installations (Phase B)
- Community Savings Initiative (Phase 2)
- Gray Water Stub-Out Ordinance
- Cool Paving Study Results
- New Climate Mitigation Targets
- Regional Climate Initiative – New Branding & Website
- Revised Municipal "Green" Procurement Policy & Process
- Household Hazardous Waste RFP – New Contract for July 1, 2012
- Recycle BIN (Build Infrastructure Now) Coalition
- Landscape Water Runoff Prohibition
- Hilltop Park Water Reuse Project
- SDG&E Solar Network Use Charge Update

**DIRECTOR COMMENTS**

**CHAIR COMMENTS**

**COMMISSIONER COMMENTS**

- Update on the Bayfront Wildlife Advisory Group, Commissioners Coleman and Davis

**ADJOURNMENT:** To a special meeting on Monday, February 13, 2012 at the Chula Vista Nature Center located at 1000 Gunpowder Point Drive, Chula Vista CA 91910.

**COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT (ADA)**

The City of Chula Vista requests individuals who require special accommodations to access, attend, and/or participate in a City meeting, activity, or service, contact the City Council Office at (619) 691-5044 at least forty-eight hours in advance of the meeting.

**MINUTES OF A SPECIAL MEETING OF THE  
RESOURCE CONSERVATION COMMISSION**

**December 12, 2011**

City of Chula Vista, Council Chambers  
276 Fourth Avenue

**MEETING CALLED TO ORDER:** By Chair Stillman at 4:04 p.m.

**ROLL CALL:**

**MEMBERS PRESENT:** Chair Stillman, Commissioners Coleman, Davis, Kappes, Rahimzadeh, and Vargas

**MEMBERS ABSENT:** Commissioner Romo

**MOTION TO EXCUSE:** Commissioner Romo, excused

**STAFF PRESENT:** Public Works Director Hopkins, Assistant Director Quilantan, Environmental Resource Manager Reed, Building Official El-Khazen, Recycling Specialist Medrano, Office Specialist DiDonato, and Sr. Secretary Fields

**OTHERS PRESENT:** None

**APPROVAL OF MINUTES:** The Minutes of November 14, 2011 were approved with Commissioner Vargas abstaining.

**ORAL COMMUNICATIONS:** None

**ACTION ITEMS:**

1. Proposed Cool Roof Ordinance

Building Official Lou El-Khazen's presentation covered the following areas:

- An outline and background of the project
- How cool roofs operate, the energy saving factors and the benefits
- Tier 1 and 2 building standards
- Local practices and staff research
- CEC application and review
- Cost Effectiveness Study
- Average incremental cost
- Climate Zones 7 and 10 results & observations
- Recommendations to Council
- Boards and Commissions recommendations
- Expiration and future amendments

El-Khazen then responded to questions and comments.

Action: Commissioner Rahimzadeh made a motion that the Resource Conservation Commission recommend that City Council adopt the proposed Cool Roof ordinance. Commissioner Davis seconded the motion. The motion passed unanimously.

## 2. SDG&E General Rate Case II Proposal

Environmental Resource Manager Brendan Reed presented this item. He discussed the GRC impacts on solar customers and went over the network use charge. He stated that the City is an intervener in the case, along with several other agencies and groups. He added that this will be an 8-10 month process, which had just started last Friday, and is at the very beginning. He talked about the effects this will have on the City and talked about the CCSE analysis and CCSE's concerns. Reed also presented samples of typical cost impacts to residents, school districts, and water districts. He then responded to questions from the board.

Action: Commissioner Coleman made a motion that the Resource Conservation Commission recommend that City Council continue its efforts to protest the solar rate design changes included in SDG&E's General Rate Case II proceeding. Commissioner Davis seconded the motion. The motion passed unanimously.

## INFORMATION ITEMS

1. RCC Action Plan Discussion – This item was postponed until the next meeting.

## DIRECTOR COMMENTS

- Our compressed natural gas dispenser was updated and operating at the Maxwell Public Works facility about two months ago. In the month of October, we used 370 gallons of gas equivalents, and over 2000 gallons of gas equivalents in November, so we're really starting to see use pick up.
- Asked additional Commissioners to sign up for the Bring Your Own Bag event on the 15<sup>th</sup>.
- Mentioned a new exhibit at the Nature Center, which utilizes washed up plastics as a material for art. A future RCC meeting may be held at the Nature Center so the board can see the exhibit.

## CHAIR COMMENTS

None

## COMMISSIONER COMMENTS

- Commissioner Coleman mentioned that the next Wildlife Advisory Group meeting is scheduled for next Wednesday, but that there is no quorum at this time, so it's possible the meeting may be cancelled.
- Commissioner Coleman commented regarding the solar rate increase that people who learn about this who might have been contemplating solar may now be reluctant, and that the more information out there for the public, and the more the City and other interveners can do to bring people into the process will really help the cause.

- Commissioner Vargas shared information about a web-based quality of life survey for the County of San Diego that the board may want to review.

**ADJOURNMENT:** The meeting was adjourned at 5:41 p.m. to a regular meeting on Monday, January 9, 2012, at 4:00 pm in Executive Conference Room 103, Building 300, 276 Fourth Avenue, Chula Vista, CA 91910.

Prepared by:

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Sheryl Fields  
Sr. Secretary

**COUNCIL POLICY  
CITY OF CHULA VISTA**

**SUBJECT: ~~ON-SITE-IMPROVEMENT ACTIVITY  
TO TRIGGER INSTALLATION OF  
PUBLIC IMPROVEMENTS~~ SHADE  
TREE POLICY**

**POLICY  
NUMBER**

**EFFECTIVE  
DATE**

**PAGE**

576-19

TBD

1 OF 2

DRAFT

**ADOPTED BY: Resolution No. XXXXXX**

**DATED: 1-3-12**

**AMENDED BY:**

**BACKGROUND**

The Municipal Code requires the installation of trees in parking lots (19.62.090 and 19.58.230) and new subdivisions (18.32.110). The Climate Change Working Group recommended that policies for shade trees be adopted that complement existing tree and water conservation policies for both public and private projects to address the effects of urban heat islands and to reduce the risks from local climate change impacts. The Climate Change Working Group also recommended that the policies not be so prescriptive as to preclude the use of other shade structures including, but not limited to, solar carports.

~~There are no guidelines as to what constitutes a danger or what may impose a burden upon the public right of way.~~

**PURPOSE & APPLICABILITY**

It is the purpose of this policy to provide guidelines for the selection & placement of new shade trees as well as the retention of existing shade trees for both public and private projects within the scope of this policy. It also includes alternative measures to be implemented where tree planting is not feasible.

The following projects are subject to the Shade Tree Policy:

- a. All new parking lots. (Includes public, private and Capital Improvement Program projects.)
- b. All new public and private streets (excluding alleyways.)
- c. New and redeveloped large pedestrian paved areas.

**POLICY**

**Parking lots**

1. Provide shade trees for all new parking lots that, in good growing conditions, will achieve 50% canopy cover over the parking stall areas five to fifteen years after the planting date for that tree acknowledging the competing space requirements for utilities, site lines, accessibility or other parking lot design features and providing light colored ("cool") paving and/or shade structures in those areas to meet the 50% coverage requirement if the use of shade trees is

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# DRAFT

**ADOPTED BY: Resolution No. XXXXXX**

**DATED: 1-3-12**

**AMENDED BY:**

limited due to the abovementioned reasons.

### Street Trees

2. Street trees shall be appropriate to the space available for planting them, as determined by the City of Chula Vista Arborist, to encourage growth of a large canopy. The objective shall be to maximize shade cover acknowledging the competing space requirements for utilities, site lines, drives ways, visibility functions, accessibility or other street design functions in those corridors and providing light colored "cool" paving if the use of shade trees is limited due to the abovementioned reasons.
3. The City arborist shall develop the GIS inventory of street trees to propose thematic corridors of shade trees pursuant to Municipal Code 12.32.180.

### Existing Trees

4. The canopy of substantial healthy existing trees retained and integrated into the proposed design shall be credited 150% of the anticipated shade coverage of a new tree in the same location.

### All Areas

5. Waiver of policy - The Public Works Director/ Director of Development Services may waive the shade tree requirement for a project upon a finding of infeasibility and if alternate elements are proposed such as light colored ("cool") paving, shade structures or other alternative means of compliance on the site to the satisfaction of the above Directors.
6. Nothing in this policy shall limit the tree requirements set forth in the Municipal Code, the City of Chula Vista Landscape Manual, and the ANSI 300 Guidelines.

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**ADOPTED BY: Resolution No. XXXXXX**

**DATED: 1-3-12**

**AMENDED BY:**

RESOURCE CONSERVATION COMMISSION  
Action Plan Framework

UPDATED: 10/06/11

CATEGORY	COMMENTS & IDEAS	CONSIDERATIONS	STRATEGIES				
			Goal (What measurable thing does the RCC want to accomplish?)	Critical Next Steps (What has to happen before the goal can be reached?)	Timeline (1 to X months?)	Responsible Parties (Assigned RCC member?)	Partners (Other key stakeholders?)
CLEAN AIR	1 Promotion of City's new CNG station		Partner with Clean Energy & car dealerships to promote the new fueling station and CNG vehicles.	<ul style="list-style-type: none"> <li>Determine local availability of CNG models for lease/purchase</li> <li>Determine existence of local CNG vehicle conversion companies</li> <li>Initial meeting w/ dealerships offering CNG models &amp; conversion companies (if applicable)</li> <li>Update statewide alternative fueling map/web site</li> <li>Coordinate with Chamber &amp; partners for press event at fueling station</li> </ul>	February 2012	To Be Determined	<ul style="list-style-type: none"> <li>Local Car Dealerships</li> <li>Local CNG Conversion Companies</li> <li>CV Chamber</li> <li>Clean Energy</li> </ul>
			Further research and evaluate feasibility of municipal EV charging stations.	<ul style="list-style-type: none"> <li>Determine # of CV residents/businesses with EV</li> <li>Determine location of publicly-available EV stations</li> <li>Obtain site options for re-coat, 3rd-party DCM agreements</li> </ul>	October 2011	To Be Determined	<ul style="list-style-type: none"> <li>SANOGAS</li> <li>CA Center for Sustainable Energy</li> </ul>
			Broader community education & education on the proper use and placement of rain barrels for home use	<ul style="list-style-type: none"> <li>Research proper use &amp; siting of rain barrels</li> <li>Identify potential partnerships with water districts, schools, &amp; community groups for outreach</li> <li>Work to establish rain barrel demonstration projects at City &amp; partner sites</li> </ul>	April 2012	Commissioner Silman Commissioner Colburn	<ul style="list-style-type: none"> <li>Water Districts</li> <li>School Districts</li> <li>Private/Charter Schools</li> <li>Garden Clubs</li> </ul>
			Expand promotion of NativeScape workshops and NativeScape-In-a-Box kits	<ul style="list-style-type: none"> <li>Identify additional venues to promote NativeScape in community</li> <li>Assist staff in distributing flyers for workshops</li> </ul>	January 2012	To Be Determined	<ul style="list-style-type: none"> <li>Water Districts</li> <li>Garden Clubs</li> <li>DIY Retailers</li> </ul>
CLEAN WATER	2 Placement of possible EV charging stations						
CLEAN LAND	3 Rain barrels integrated into municipal buildings & community outreach						
NEW ITEMS	4 Preference for native plants and their benefits - lower maintenance and water use						
NEW ITEMS	5 Assist with broader water conservation policies and programs						
NEW ITEMS	6 Household Hazardous Waste (HHW) reciprocal agreement with City of SD						
NEW ITEMS	7 Addressing plastics and organics (especially at fast food restaurants & gas stations)						
NEW ITEMS	8 Recycling market development						
NEW ITEMS	9 Leverage adoption-park and park fees for conservation efforts						
NEW ITEMS	10 Promotion of City's trail system as a community resource						
NEW ITEMS	11 Create tree preservation policy for Chula Vista						
NEW ITEMS	12 Develop annual "CV Sustainability Report Card"						

RCC MAY CONSIDER THESE ITEMS AT A FUTURE POINT