1. **TASK FORCE MEMBERSHIP.**

   Chair Schwab will introduce new Task Force member Tiffany Thom, who is the new student representative, and will discuss possible new members to be appointed by the three newly elected City Councilmembers. (Current Task Force Roster is attached as Exhibit “A”).

2. **APPROVAL OF MINUTES OF THE 11-5-12 SUSTAINABILITY TASK FORCE MEETING.** (Exhibit “B”).

3. **CONSIDERATION OF THE PARTICIPATION IN THE NATIONAL MAYOR’S CAMPAIGN FOR WATER CONSERVATION**

   At the request of Mayor Goloff, the Task Force will consider assisting in promoting the 2nd Annual Mayor’s Challenge for Water Conservation to be held from April 1-30, 2013. This challenge is a friendly, community-based competition between cities across the nation to see who can be the most “water wise.” More information regarding this challenge is attached as Exhibit “C”.

4. **CONSIDERATION OF THE TASK FORCES 2013-14 BIENNIAL WORK PLAN.**

   With City Council approval of the 2020 Climate Action Plan, the Task Force will begin developing items for its 2012/2013 Work Plan. A copy of the Task Force’s 2011/2012 Work Plan is attached as Exhibit “D”.

5. **REPORTS AND COMMUNICATION**

   a. **Sustainable Business Recognition Program** - Staff will provide an update on comments received from the Legislative Committee of Chico Chamber of Commerce, and other developments concerning the proposed Sustainable Business Recognition Program.

   b. **Transportation Ad-Hoc Committee Report** - Transportation Ad-Hoc Committee will report on efforts to coordinate and promote Air Quality/Bike Awareness Week in April/May 2013.

   c. **Sustainability Website** - Staff will provide an update development of a Sustainability website.

6. **BUSINESS FROM THE FLOOR**

   Members of the public may address the Task Force at this time on any matter not already listed on the agenda, with comments being limited to three minutes. The Task Force cannot take any action at this meeting on requests made under this section of the agenda.

7. **ADJOURNMENT** – The meeting will adjourn no later than 7:30 p.m. to a regular meeting scheduled for 5:30 p.m. on Monday, February 4, 2013, unless otherwise noticed.

**ATTACHMENTS:**

- Exhibit “A”: Task Force Roster
- Exhibit “B”: Minutes of 11/5/12 Meeting
- Exhibit “C”: Mayor’s Water Conservation Challenge Information
- Exhibit “D”: 2011-2012 Work Plan

Agenda available from the General Services Department or the City website at www.ci.chico.ca.us under “Meetings/Agendas”

Prepared: 1/2/13 General Services Department

Posted: 1/2/13 965 Fir Street, Chico, CA 95928

Prior to: 5:30 p.m. (530) 896-7800

Please contact the City Clerk at 896-7250 should you require an agenda in an alternative format or if you need to request a disability-related modification or accommodation in order to participate in a meeting. This request should be received at least three working days prior to the meeting in order to accommodate your request.

Members:
- Dwight Aitkens
- BT Chapman
- Cheri Chastain
- Robyn DiFalco
- Tom DiGiovanni
- Jon Luvaas
- Sara Morford
- Jim Pushnik
- Valerie Reddemann
- Ann Schwab, Chair
- Toni Scott
- Jon Stallman
- Tiffany Thom
- Tammy Wichman
Sustainability Task Force Membership

16 member Task Force

• Councilmembers to select one member each;

• Mayor to select the remaining eight members with two members each, to represent the University, business community, environmental groups, and two members-at-large, and affirmed by Council;

Councilmember appointments
Mark Sorensen – Valerie Reddemann
Scott Gruendl – Tammy Wichman
Mary Goloff – Robyn DiFalco
Ann Schwab – Tom DiGiovanni
Andy Holcombe – Dwight Aitkens
Bob Evans – BT Chapman
Jim Walker – Jon Luvaas

Mayor’s Appointments
University
Student – Tiffany Thom
Jim Pushnik

Environmental
VACANT
VACANT

Business
Cheri Chastain
Toni Scott

At Large
Sara Morford
Jon Stallman
ITEMS REQUIRING ACTION:

1. APPROVAL OF MINUTES OF THE 10-1-12 TASK SUSTAINABILITY TASK FORCE MEETING

   Action: A motion by Tom DiGiovanni to approve the minutes was seconded by Cheri Chastain and approved by the Task Force (8-0-5).

2. CONSIDERATION OF THE PARTICIPATION IN THE NATIONAL AIR QUALITY AWARENESS WEEK IN SPRING 2013

   The Butte County Air Quality Management District would like to start planning for the next National Air Quality Awareness Week to be held in the spring of 2013. The Task Force discussed participating in this event. Task Force member Luvaas suggested that the theme be changed from “alternative transportation” to “transportation options”. Task Force member DiFalco also stated that this would be a good opportunity to implement some of the transportation related items in the newly adopted 2020 Climate Action Plan.

   Action: A motion by Cheri Chastain to forward this campaign to the Task Force’s Transportation Ad-Hoc Committee was seconded by Robyn DiFalco and approved by the Task Force (8-0-5). Chair Schwab also suggested that the Ad-Hoc Committee try to have its first meeting in December 2012.

3. CONSIDERATION OF THE SUSTAINABLE COMMUNITIES STRATEGY

   Senate Bill 375 (SB 375), also known as the Sustainable Communities and Climate Change Act of 2008 is the mechanism established to implement passenger vehicle greenhouse gas reductions outlined in AB 32. Under SB 375, BCAG, as the region's Metropolitan Planning Organization, has been designated by the state to develop the Butte County area’s “Sustainable Communities Strategy” (SCS). The SCS is a component of the overall draft 2012 Metropolitan Transportation Plan (MTP) that will be considered by the BCAG Board for final adoption at its meeting in December 2012.

   General Services Administrative Manager (GSAM) Herman provided an overview of the SCS contained in Chapter 4 of the MTP for the Task Force’s consideration. GSAM stated that although the California Air Resources Board approved passenger vehicle greenhouse gas (GHG) emission targets that allow a 1% increase in GHG emissions per capita in the Butte County region in 2020 and in 2035, the SCS establishes targets to reduce GHGs resulting from passenger vehicles by 12% by 2020 and an additional 2% decrease by 2035. Task Force member Luvaas commented that although this SCS sets targets to reduce GHG, there is a need to balance growth to meet these targets.

   The Task Force discussed at length the Chico Transit Priority Project Area outlined in Figure 4-2 of the document and its relevance and importance to the California Environmental Quality Act (CEQA). Staff noted that the CEQA review may be streamlined for new development within the Transit Priority Project Area if certain criteria are met, such as 50% of the building is slated for residential use (mixed use), or the project has a minimum floor area ratio (FAR) of 0.75. If a development project meets all the requirements for a Sustainable Communities Project, then the project would be exempt from CEQA.
Task member DiGiovanni noted that the Transit Priority Project Area map did not include the area off of Bruce Road that is slated for the new County Court house slated for construction in Spring 2015. GSAM responded that one of the criteria to be a Transit Priority Area is that it be located within 0.5 miles from a major transit stop, but indicated that the SCS may be amended in the future once the Court House is completed and if transit service is restored in this area. Chair Schwab commented that this provides incentives for infill and mixed development within the Project Area. Task Force DiFalco asked whether the SCS growth areas are in line with the recent rezoning conducted by Butte County General Plan.

NON ACTION ITEMS:

4. REPORTS AND COMMUNICATIONS - The following information is provided for the Task Force’s information. No action can be taken unless the Task Force agrees to include them on a subsequent posted agenda.

a. Sustainable Business Recognition Program - GSAM and Chair Schwab updated the Task Force on the comments received regarding the program from the City Council, the Economic Development Committee Mayor’s Business Advisory Committee. Chair Schwab also stated that she had also contacted the DCBA and CSU, Chico College of Business Professor Angela Casler, who is developing a sustainability certification program, for suggestions on businesses who may be interested in reviewing the program criteria. GSAM also informed the group that the program would also be presented to the Legislative Committee of Chamber of Commerce on 11/6/12.

Task Force member Reddenmann stressed the importance of promoting the economic value of becoming a sustainable business and that recognition alone may not be adequate incentive for businesses to apply. She also thought that testimonials from businesses who have been successful in achieving sustainability should be included in promotional materials. Task Force member suggested that staff talk to North Star Engineering, who is seeing the return on their investments after constructing its LEED certified facility and implementing other sustainable practices.

b. Transportation Ad-Hoc Committee Report - Task Member Robyn DiFalco reported on efforts to expand the Task Force’s Transportation Ad-Hoc Committee to include other entities, such as BCAG, and pertinent City staff involved in transportation planning.

4. BUSINESS FROM THE FLOOR: Public member Chris Nelson provided the Task Force with information regarding the impacts of cigarette butt litter (a copy is attached as Attachment “1”), particularly in the downtown area and near creeks, and requested that the Task Force address this issue. Chair Schwab responded that the City Council recently considered no-smoking restrictions for the downtown area and that part of this discussion included that staff report back to the City Council regarding possible cigarette disposal receptacles in this area.

5. ADJOURNMENT – The Task Force adjourned at 6:25 p.m. to a regular meeting scheduled for 5:30 p.m. on Monday, December 3, 2012.
The Impact of Tobacco on the Environment

CIGARETTES AS LITTER:

- In 2005, 360 billion cigarettes were consumed in the United States (U.S.).
- Cigarette butts, the plastic filter and remnants of smoked cigarettes, are discarded in natural environments, streets, sidewalks, and other public areas. Some of these butts may then be carried as runoff to drains, making their way to rivers and ultimately to the oceans, Great Lakes, and beaches.
- Cigarette filters are made from cellulose acetate, a plastic which is technically biodegradable. In practice, cellulose acetate is resistant to biodegradation and can persist in the environment for 18 months or more, even under ideal conditions for biodegradability.

On Land

- Multiple litter studies have shown that when counting litter on a per-item basis, cigarette butts are the number one littered item on U.S. roadways and waterways.
- After reviewing numerous litter cleanup project reports, the Keep America Beautiful Campaign, partially funded by Philip Morris, reported in 2007 that cigarette butts comprise 25% to 50% of all collected litter items from roadways and streets.

In Waterways and Coastal Waters

- Data from the Ocean Conservancy show that in 2009, over three million (3,216,991) cigarettes or cigarette filters were removed internationally from beaches and inland waterways as part of the annual International Coastal Cleanup (ICC), including 1,362,741 collected from the U.S. This represents 28% and 35% of total debris items collected worldwide and in the U.S., respectively, making it by far the most prevalent item found.
- In addition to cigarettes and cigarette filters, 18,555 cigarette lighters, 74,399 cigar tips, and 36,397 tobacco packages or wrappers were removed from U.S. waterways during the ICC in 2009.
- Smoking-related debris accounted for 38% of all U.S. debris items collected from beaches, rivers and streams during the 2009 ICC.

CIGARETTES AS TOXIC WASTE

- Cigarette butts are poisonous when ingested by children and other living organisms, as evidenced by poison control center data, veterinary literature, and national reports.
- Ten milligrams of nicotine is the lethal dose in children. One to two mg is toxic. Cigarettes contain from 9 to 30 mgs of nicotine, and butts contain 0.1 to 1.5 mgs. Therefore, ingestion of just one cigarette butt could be toxic to children, and ingestion of an entire cigarette could potentially be lethal.
- In 2008, the American Association of Poison Control Centers received 7,310 reports of potentially toxic exposures to tobacco products among children younger than six years of age in the U.S. Most cases of nicotine poisoning among these children resulted from their ingestion of cigarettes or chewing tobacco.
- Between 2002 and 2007, over 2,000 non-fatal, unintentional cigarette-related injuries to children aged four years and under occurred per year in the U.S.; 29% of these involved poisonings.
- A small Rhode Island study on the risk factors for ingestion of cigarettes and cigarette butts in children up to six years old found that 98% of toxic exposures occur within the home. Reported symptoms of ingestion included vomiting, nausea, pale or flushed appearance, lethargy, and gagging. The majority of children who had ingested less than a whole cigarette or cigarette butt. All recovered fully within 12 hours.
- One to five cigarettes, or 20 to 100 mg of nicotine, is the minimum lethal dose reported in dogs and cats. Ingestion of tobacco products is more common in young animals (e.g., puppies), but the overall likelihood of toxicosis is rare in household pets.

- Few studies of the toxicity of cigarette butts to aquatic ecosystems have been undertaken. Preliminary
Attachment 1 to Exhibit B

studies show, however, that the substances that seep out of cigarette butts are acutely toxic to freshwater micro-organisms, and the main causes of toxicity are organic compounds (nicotine and ethylphenol) in the cigarette butts.13,15,18

- Cigarette butts allowed to soak in both fresh and salt water kill half the exposed fish in a standardized hazard assessment at a concentration of about one butt per liter.13
- Another study which identified and quantified components leached from cigarette butts found that they are a point source for heavy metal contamination in the environment for at least a month.17

ATTITUDES ABOUT LITTERING

- Tobacco industry research reveals that smokers litter butts for many reasons, such as the unavailability of ashtrays, the ubiquitous and seemingly acceptable behavior of flicking butts on the ground, and false notions that cigarette filters are biodegradable or inconsequential as litter because of their small size.10
- In an Australian study from 2000, in which people were observed littering and later interviewed, litterers cited the following reasons for their behavior: laziness (24%), no ashtray (23%), no trash receptacle nearby (21%), and habit (6%). Cigarettes butts were the most littered item (58% of all items) in this study.18

OTHER ENVIRONMENTAL IMPACTS

Environmental consequences of tobacco use include:

- Deforestation as a result of tobacco production: wood is used in the farm-based process of curing the crop (drying the leaves).20
- Fires caused by cigarette smoking.21
- Solid, liquid, and airborne wastes produced during the manufacturing process.
  - Some of these materials are designated by the Environmental Protection Agency as Toxic Release Inventory (TRI) chemicals, meaning these waste products are considered hazardous.22
  - In 2008, over 100 million pounds of toxic chemicals were released by tobacco product manufacturing facilities. The top five chemicals released were ammonia, nicotine, hydrochloric acid, methanol, and nitrate compounds.23
  - There has been a global shift in tobacco production into low-cost producer countries of the developing world, which are typically characterized by fragile natural environments and lax regulatory influence over the manufacturing process, which involves many chemicals on the TRI.20

SOLUTIONS

- Growing concern over the impact of tobacco product waste on the environment has prompted states and municipalities to undertake a variety of policy actions.2
  - Cigarette butt waste cleanup is very costly. An economic study based on a litter audit in San Francisco, which found the annual cleanup cost to be more than $7 million annually, led their City Council in 2009 to impose a 20 cent per pack “litter fee” on cigarettes sold in the city.24
  - Under California state law, a person giving information leading to the arrest and conviction of a person for littering cigarette butts is entitled to a reward for providing the information (50% of collected fine).25 A ‘hot line’ has also been established to facilitate reporting of violations directly by the public to the California Highway Patrol (877)-211-BUTT.26
  - As of January 5, 2010, 92 municipalities across the country prohibit smoking on their beaches, along with the entire state of Maine.27
- Members of organizations advocating against cigarette butt pollution, such as the Cigarette Butt Pollution Project (www.cigwaste.org)4 in the U.S. and Australia's Butt Littering Trust,28 endorse diverse approaches in order to prevent, mitigate, and reduce cigarette butt waste in the environment, including:
  - Enforcing current litter laws and implementing fines for discarding butts into the environment.2,4,25,26,29
  - Further research on the toxicity of cigarette butt waste in natural settings.
  - Education and awareness programs promoting behavior change.23,24
Morning Linda,

Did the city participate in this effort last year? Is it something we might consider for the coming year?

As time permits...

Mary

-------- Forwarded message --------
From: Mary Goloff <marygoloff@gmail.com>
Date: Tue, Dec 18, 2012 at 2:31 PM
Subject: Fwd: National Mayor's Campaign for Water Conservation (email from city)
To: marygoloff@gmail.com

---------- Forwarded message ----------
From: "Steve Creech" <cleanwater@wylandfoundation.org>
To: <mgoloff@ci.chico.ca.us>
Cc:
Date: Tue, 18 Dec 2012 22:29:38 +0000
Subject: National Mayor's Campaign for Water Conservation

Greetings Mayor Mary Goloff,

Did you know Americans use more than 150 trillion gallons of fresh water a year at home and around town? We use even more energy to collect, transport, and store water. As a leader, you hold enormous influence in encouraging your residents to manage this precious resource wisely.

That is why, on behalf of the US EPA, US Forest Service, Toyota, and Rainbird Corporation, the Wyland Foundation invites you to take part in the 2nd Annual National Mayor's Challenge for Water Conservation, April 1-30, 2013. This non-profit community service campaign gives mayors and civic leaders a powerful free tool to inspire residents to conserve water and energy on behalf of their city through a series of informative, easy-to-use online pledges, education and rewards.

Last year, citizens from more than 1,000 communities pledged to reduce water use by nearly 5 billion...
gallons, save over $11 million in bills, and cut GHG emissions by 153 million pounds. As a special thank you, the challenge awarded more than $50,000 in prizes, including a Toyota Prius Hybrid Plug-In, Lowe's gift cards, and water-saving fixtures, to 1,200 U.S. residents. Participating mayors from Atlanta, San Francisco, Houston, Honolulu, Denver, Tucson, Charleston, and many other prominent leaders implemented the program at no cost to their cities, with little or no additional demands on city resources or staff.

With promotional ads throughout April in USA Today and other prominent publications — along with large scale social media and web campaigns — we'll be encouraging your residents to participate. We hope you will too.

We are asking for your leadership and support for this important cause. Everything you need to get started is right here -- http://www.wylandfoundation.org/mayors. Or please contact us at 949-643-7070.

Warmest regards,

Steve Creech
Executive Director
Wyland Foundation

If you would like to stop receiving emails from the Wyland Foundation please do so below.

Unsubscribe mgoloff@ci.chico.ca.us from this list.

Our mailing address is:
Wyland Foundation
6 Mason Ln., Ste. B
Irvine, CA 92618

Add us to your address book

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Forward this email to a friend
Update your profile
Mission Statement

The Sustainability Task Force shall promote a culture of stewardship within our community to enhance our natural resources, economic interests and quality of life for present and future generations in the City of Chico by collaboratively developing programs and initiatives which will distinguish Chico as a leader in sustainability efforts.

Sustainability Task Force

Work Plan for 2011 - 2012
Sustainability Task Force
2011-2012

Task Force Members

Ann Schwab, Chair
Dwight Aitkens
BT Chapman
Tom DiGiovanni
Chris Giampaoli
Ken Grossman
Jon Luvaas
Scott McNall
Jim Pushnik
Valerie Reddemann
Toni Scott
Jon Stallman
Jim Stevens
Scott Wolf
Julian Zener
Sustainability Task Force

The Sustainability Task Force has identified the following priorities to focus on during 2011-2012.

<table>
<thead>
<tr>
<th></th>
<th>Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Complete the Climate Action Plan to meet or exceed the 25% greenhouse gas (GHG) emission reduction goal by 2020, with the long-term goal of achieving a greater percentage decrease by 2050.</td>
</tr>
<tr>
<td>2.</td>
<td>Implement the PG&amp;E Innovators Pilot Chico Energy Pioneer Project.</td>
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<tr>
<td>3.</td>
<td>Continue to develop and implement a public education and outreach program on GHG emission reduction measures, resource conservation, community resilience, and other sustainability measures.</td>
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<tr>
<td>4.</td>
<td>Assist in the completion of Sustainability Indicators for the annual review of the General Plan.</td>
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<tr>
<td>5.</td>
<td>Implement the Climate Action Plan, if approved by the City Council.</td>
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<tr>
<td>7.</td>
<td>Research and advise the City Council on a potential solid waste collection franchise system and the proposed statewide Mandatory Commercial Recycling Ordinance.</td>
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<tr>
<td>8.</td>
<td>Assist and advise Council on working with local agencies to comply with local, state, and federal regulations related to climate change and sustainability, such as AB 32 and SB 375.</td>
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<tr>
<td>9.</td>
<td>Review the role and structure of the Task Force to recommend that the Task Force become a formal City Board or Commission by 2013.</td>
</tr>
<tr>
<td>Step 4</td>
<td>Brainstorm goals, projects, or priorities of the commission</td>
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<tr>
<td>Complete the Climate Action Plan (CAP) to meet or exceed the 25% greenhouse gas (GHG) emission reduction goal by 2020.</td>
<td>provides framework and helps guide decisions for greenhouse gas (ghg) mitigation</td>
</tr>
<tr>
<td>Continue to develop and implement a public education and outreach program on GHG emission reduction measures and other sustainability issues. Examples may include: 1. Sustainability Website 2. “Right 2 Recycle” Multifamily Outreach Program. 3. Community Workshops on various Sustainability areas. 4. Develop a Green Business Recognition Program. 5. Buy Local Campaign.</td>
<td>Yes □ No X</td>
</tr>
<tr>
<td>Implement the PG&amp;E Innovators Pilot Chico Energy Pioneer Project.</td>
<td>Yes □ No X</td>
</tr>
<tr>
<td>Implement the Action Plan if approved by Council.</td>
<td>Yes x No □</td>
</tr>
<tr>
<td>Task Description</td>
<td>Yes</td>
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<tr>
<td>Research and advise the City Council on solid waste issues, such as a potential solid waste collection franchise system and the proposed statewide mandatory commercial recycling ordinance (CAP Phase I or II actions).</td>
<td>Yes x</td>
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<tr>
<td>Complete development of Sustainability Indicators for the annual review of the General Plan.</td>
<td>Yes □</td>
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<tr>
<td>Implement Diversity Action Plan</td>
<td>Yes □</td>
</tr>
<tr>
<td>Assist and advise Council on working with local agencies to comply with local, state, and federal regulations related to climate change and sustainability, such as AB 32, SB97 and SB 375.</td>
<td>Yes x</td>
</tr>
<tr>
<td>Review the role and structure of the Task Force and recommend to Council that the Task Force become a formal City Board or Commission by 2013.</td>
<td>Yes □</td>
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</tbody>
</table>
### Step 5

#### List Identified Goals, Priorities, and/or Tasks for the Commission

<table>
<thead>
<tr>
<th>Task</th>
<th>1 Urgent</th>
<th>2 1-Year</th>
<th>3 2-Year</th>
<th>4 Long Term</th>
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<tbody>
<tr>
<td>Complete the Climate Action Plan</td>
<td></td>
<td>X</td>
<td></td>
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<tr>
<td>Implement the PG&amp;E Innovators Pilot Chico Energy Pioneer Project.</td>
<td></td>
<td>X</td>
<td>X</td>
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<tr>
<td>Continue to develop and implement a public education and outreach program</td>
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<td>X</td>
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<tr>
<td>Assist the Planning Department in the completion of Sustainability Indicators</td>
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<td>X</td>
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<tr>
<td>Implement the Climate Action Plan</td>
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<td>X</td>
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<tr>
<td>Implement the Diversity Action Plan</td>
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<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Research solid waste collection franchise systems and upcoming statewide commercial recycling ordinance.</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Assist and advise Council on working with local agencies to comply with local, state, and federal regulations related to climate change and sustainability, such as SB 375.</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Review and make recommendations regarding the role and structure of the Task Force</td>
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<td>X</td>
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</tbody>
</table>

### Step 6
Prepare final work plan for submission to the City Council for review, possible direction, and approval and attach the worksheets used to determine priorities, resources, and time lines.

### Step 7
Once approved, use this plan as a tool to help guide you in your work as an advisory body.

### Step 8
Report out on status of items completed. Provide any information needed regarding additional resources needed or used and to indicate items that will need additional time in order to complete.