AGENDA
COMMUNITY SUSTAINABILITY ADVISORY BOARD
CITY OF GOLDEN, COLORADO

Regular Meeting
June 23, 2010
6:30 PM

City Hall Council Chambers Room
911 10th Street

1. Roll Call
2. Approval of the Agenda
3. Approval of the Minutes from June 14, 2010
4. Public Comment
5. Board Updates
6. Staff Update
7. Action Items
   A. Park Recycling Pilot Project 7:15 – 7:45 pm
      The Board will consider a proposal to purchase recycling containers and service
      for one of the city parks.
   B. Baseline Data 7:45 – 8:15 pm
      The Board will review and make a recommendation to City Council for the
      adoption of data from 2007 to establish a baseline for the City’s Sustainability
      Goals.
8. New Business
   A. Agenda topics for next meeting 8:15 – 8:30 pm
9. Adjourn
CITY OF GOLDEN
COMMUNITY SUSTAINABILITY ADVISORY BOARD
MONDAY, JUNE 14, 2010
6:30 P.M.

DRAFT

PRESENT:
Tom Atkins
Chuck Baroch
Susan Buhr
Hillary Mizia
Scott Morrissey
Gunter Ritter

ABSENT:
Karen Smith

STAFF:
Anne Beierle, Deputy Director Env/Utilities
Theresa Worsham, Sustainability Coordinator
Denise Hish, Administrative Assistant

GUESTS:
Chris Ball, Chair, Economic Development
Sean McVay, All Things Renewable
Phil Rutkowski, Economic Development
Farris Cox, Golden Storage
Mark Anderson, Rollins Production

CALL TO ORDER – BUSINESS MEETING:

Tom Atkins, Chair, called the meeting to order at 6:30.

APPROVAL OF AGENDA:

With one change to postpone Agenda Item 4B (baseline data) to the next meeting, the agenda was unanimously approved.

APPROVAL OF MINUTES FROM MAY 26, 2010:

With no changes, the minutes were unanimously approved.

PUBLIC COMMENT:

None
ACTION ITEMS:

A. Small Wind Project Review

The Board held a joint meeting with members of the Economic Development Committee to review the results of the Colorado School of Mines project to design small wind turbines for ten commercial buildings in Golden. 2 Golden business owners who were part of the CSM study were also in attendance and participated in the discussion.

Theresa started the meeting presenting the slides and then turned the meeting over to Sean McVay who described the 7 potential projects.

After approximately a 2 hour discussion, the consensus was that everyone wanted to go forward, but were not sure how to proceed. Steve Glueck proposed that he and Theresa Worsham would do a “draft” joint proposal to move forward and it would be presented to Economic Development Commission and CSAB at the next meeting.

STAFF UPDATE:

None

ADJOURN:

Meeting was adjourned at 8:30.

NEXT MEETING:

Wednesday, June 23, Council Chambers, at 6:30pm
Memorandum

To: Community Sustainability Advisory Board
From: Theresa Worsham, Sustainability Coordinator
Through: City Manager, Mike Bestor
Date: June 18, 2010
Re: Update on sustainability efforts

Administration

- Current budget update:

<table>
<thead>
<tr>
<th>Account</th>
<th>Project</th>
<th>Expenditures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professional Services</td>
<td>2010 budget</td>
<td>$28,625.00</td>
</tr>
<tr>
<td></td>
<td>Peter Ewers contract</td>
<td>($4,000.00)</td>
</tr>
<tr>
<td></td>
<td>CML/CU Denver grant</td>
<td>($5,000.00)</td>
</tr>
<tr>
<td></td>
<td>Amount remaining as of 6/18/10</td>
<td>$19,625.00</td>
</tr>
<tr>
<td>Sustainability Programs</td>
<td>2010 budget</td>
<td>$50,000.00</td>
</tr>
<tr>
<td></td>
<td>Solar permit fee waivers (Jan-May '10)</td>
<td>($11,000.00)</td>
</tr>
<tr>
<td></td>
<td>Community Garden support</td>
<td>($5,000.00)</td>
</tr>
<tr>
<td></td>
<td>Garden In A Box event</td>
<td>($2,570.00)</td>
</tr>
<tr>
<td></td>
<td>2010 Sustainability Awards</td>
<td>($180.00)</td>
</tr>
<tr>
<td></td>
<td>Amount remaining as of 6/18/10</td>
<td>$31,250.00</td>
</tr>
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</table>

Communication/Education

- The Golden Vision 2030 Community Summit II was held on June 9th at Golden High School. About 80 residents attended to participate in different scenario proposals and use the values identified through the Golden Vision 2030 process to weigh in on their preferences. The next steps in this process are to draft the Vision plan and release the draft for public consideration in August.

Economic

- Staff received a legislative update of more than 30 sustainability-related bills that passed during the last state legislative session. With regards to the Solar Gardens bill, the Board may want to discuss next steps for promoting joint
ownership of solar systems in Golden. One option is to enlist legal assistance in drafting a joint ownership template. The Alliance For Sustainability, a Denver nonprofit, has volunteered to provide a legal intern to work on creating the template.

Waste

- Park Recycling Program Pilot. At this meeting, the Board will review options for funding a pilot program to add recycling service to one or more of the City parks. Staff will present options for service at the meeting. After consideration by the Board, staff is scheduled to meeting with the Parks and Recreation Board on July 13 to provide an update.
- The Board asked for additional information regarding implementation of the City’s new waste program, scheduled to start on September 1st. Enclosed at the end of this packet is the brochure that will be sent shortly to all households within the city program.
- Jim Smith, owner of Golden Real Estate, is requesting that the Board make a recommendation to City Council regarding the reduction of phone book waste. From Mr. Smith’s email: “I suggest that any door-to-door distributor or directories in the city of Golden be required to have every recipient opt in to receiving their directory. This way we won't have hundreds or even thousands of heavy directories going straight into the landfill (or recycling) as soon as they are received. Thanks for forwarding this suggestion to the committee and to Council for an ordinance. All the best, Jim Smith, Broker/Owner Golden Real Estate, Inc.”

VMT

- The Agriburbia proposal to perform a feasibility study for a local produce growing operation requires funding for the study. If the Board is interested in scheduling time for consideration, staff will present the proposal at a future date.
- Bike To Work Day is Wednesday, June 23rd. NREL, Jefferson County, MillerCoors, and Peak Cycles are participating in this DRCOG effort by providing breakfast stations to the public. Stations will be open from 6:30 to 9:00 am. If Board members would like to register through the City of Golden’s participant process, please let me know.

Green Building, Energy, & Water

- None at this time
### Meeting Date | Agenda Item 1 | Agenda Item 2 | Agenda Item 3 | Agenda Item 4
---|---|---|---|---
6/23 | Park Recycling pilot project | baseline data review |  |  
7/12 | CU Denver carbon footprint final report |  |  |  
7/28 | Strategic Plan |  |  |  
8/9 |  |  |  |  

**Future meeting topics:**
- International partnership opportunities (Gunter)
- Traffic reduction strategies for Washington Avenue (Gunter)
- Large-scale wind projects in Golden (Dr. Greg Poulous)
- CSM Compost needs for cafeteria waste
- Recycling pilot program for downtown park
Memorandum

To: Community Sustainability Advisory Board
From: Theresa Worsham, Sustainability Coordinator
Through: City Manager, Mike Bestor
Date: June 18, 2010
Re: 2007 Baseline data

**Purpose of Agenda Item:** To review and make a recommendation to City Council with regards to the adoption of baseline data for the City’s Sustainability Goals.

**Background:** With the performance indicators recently adopted by City Council, the finalization of baseline data can now be completed. The Board should discuss and make any changes to the baseline data, which is attached in a draft Resolution format and explained in greater detail here.

**Green Buildings.** Because the performance indicators adopted by Council and the Board reflect the percentage of new and remodeled buildings that meet the newly-defined “green building standard”, there were zero percent of buildings in 2007 that met the standard. Therefore, for the first two goals within this category will reflect a zero baseline. The third goal reflects the number of sustainability-related code amendments in 2007. The only code amendment in 2007 that relates to sustainability was the creation of the Board and enactment of Chapter 2.5 of the Municipal Code (the Board’s charter).

Education & Communication. For the first goal pertaining to outreach efforts, staff documented the number of sustainability projects initiated in 2007. Thirty-nine sustainability articles appear in the Golden Informer during the baseline year. The Board should discuss whether to include other informal outreach efforts. For the second goal, support the Working Group efforts, 8 recommendations originally proposed by the Working Groups were adopted in calendar year 2007. These recommendations include: energy audits for commercial businesses (a GURA effort), a municipal energy audit, single-stream recycling, bicycle network improvements, transit education & awareness, water conservation landscape codes, increased water quality treatment and testing, and backflow prevention education.
Economic Health. When the Board discussed the baseline data at a previous meeting in February, the Board suggested the data be tracked through economic development efforts and to disaggregate the CSM and NREL jobs into community-based jobs. Staff is acquiring employment data through the Department of Local affairs and expects to have final numbers for this goal at the meeting.

Energy. Also at the previous meeting, the Board noted an error in the Xcel Energy Wind Source data and indicated a preference for denoting the number of photovoltaic and solar thermal systems in use during 2007, both of which have been added to the table below:

<table>
<thead>
<tr>
<th>2007 Baseline Energy Data</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Consumption by Type</strong></td>
</tr>
<tr>
<td>Residential</td>
</tr>
<tr>
<td>Commercial(^3)</td>
</tr>
<tr>
<td>WindSource</td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Renewable Energy Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential WindSource</td>
</tr>
<tr>
<td>Commercial WindSource</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Renewable Energy by Type</th>
<th># of systems</th>
<th>Total kilowatts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential Solar PV</td>
<td>47</td>
<td>243</td>
</tr>
<tr>
<td>Residential Solar Thermal</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Commercial Solar PV</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Commercial Solar Thermal</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Commercial Wind</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Biomass</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Geothermal</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hydropower</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total Offset</strong></td>
<td>243</td>
<td></td>
</tr>
</tbody>
</table>

\(^1\) Dth = decatherms. One decatherm equals 1,000,000 British Thermal Units (btu).
\(^2\) MWh = megawatt hours. One megawatt hour equals 1,000 kilowatt hours.
\(^3\) includes all commercial, industrial, and municipal applications.

The 2007 Xcel Energy Consumption Report is attached for your review. The City has received data in this format from Xcel up to calendar year 2009 and will continue to do so as part of our franchise agreement with Xcel.

Solid Waste & Recycling. Because a statistically accurate baseline inventory for residential generation may be cost prohibitive, and estimates for commercial generation vary so widely, the Board decided to use a baseline reflecting national
averages for waste generation. Staff proposes to use the US EPA report for 2007, *Municipal Solid Waste Generation, Recycling, and Disposal in the United States: Facts and Figures for 2007* as the official source. This report is produced annually by the EPA, so subsequent years through 2017 will likely be available. The following table shows additional analysis, but the baseline is reflected in the “Golden generation (lbs.)” column for 2007.

<table>
<thead>
<tr>
<th>Year</th>
<th>National generation per capita</th>
<th>Golden pop.</th>
<th>Golden generation (lbs.)</th>
<th>National recycling per capita</th>
<th>Golden recycling diversion</th>
<th>Recycling rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>4.6 lbs/day</td>
<td>17,701</td>
<td>29,719,979</td>
<td>1.5 lbs/day</td>
<td>9,691,297</td>
<td>32.6%</td>
</tr>
<tr>
<td>2008</td>
<td>4.5 lbs/day</td>
<td>17,906</td>
<td>29,410,605</td>
<td>1.5 lbs/day</td>
<td>9,803,535</td>
<td>33.3%</td>
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</table>

**Water.** Two numeric metrics will be used for this goal: total water used and efficiency of the system. *Total Water Consumed* refers to water the City diverts from all sources, not the water consumed by households or businesses. *Percent efficient* refers to the total gallons treated by the City’s treatment plant minus the total gallons consumed, which is a reflection of public and private water line losses.

<table>
<thead>
<tr>
<th>Year</th>
<th>Total consumed (gals)</th>
<th>Total treated (gals)</th>
<th>% efficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>1,292,329,100</td>
<td>982,299,000</td>
<td>76%</td>
</tr>
<tr>
<td>2008</td>
<td>1,200,105,550</td>
<td>1,023,019,000</td>
<td>85%</td>
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</table>

**Recommendations:** A draft resolution is attached for the Board’s review. Staff will provide additional information regarding the remaining items omitted from the draft and the Board should discuss and make final recommendations to City Council at Wednesday’s meeting.

One area that the Board may want to focus on at the meeting is the baseline for ecosystem health. Staff will contact Board members who have indicated interest in this item to propose a method for baseline and measurement at the meeting.
RESOLUTION NO. XXXX - DRAFT

A RESOLUTION OF THE GOLDEN CITY COUNCIL
ADOPTING BASELINE DATA FOR THE CITY’S
SUSTAINABILITY GOALS

WHEREAS, the sustainability goals as outlined in Resolution No. 1793 have defined targets and timelines for completion; and

WHEREAS, the sustainability goals were further clarified for intent through Resolution No. 2016 and performance indicators were adopted through Resolution No. 2047; and

WHEREAS, a consistent approach linking goals with measurements is necessary to track the city’s progress toward the Golden Sustainability goals; and

WHEREAS, the Community Sustainability Advisory Board collected baseline data from calendar year 2007 to accurately measure the city’s progress.

THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GOLDEN, COLORADO:

For each of the sustainability goals listed below, the following baseline data shall be used to measure compliance:

Section 1. Improve the energy efficiency and reduce the environmental impact of new and existing buildings in Golden.

1) Ensure that within ten years 90% of all new buildings constructed in Golden each year are built to green building standards.
   
   Baseline: Zero percent (0%) of new buildings meeting the green building standard.

2) Ensure that within ten years 50% of all remodels in Golden each year are built to green building standards.
   
   Baseline: Zero percent (0%) of remodels meeting the green building standard.

3) Revise Golden's land use code to reflect the best practices in sustainability once every five years.
   
   Baseline: One (1) sustainability-related code amendment in 2007.

Section 2. Improve the economic health of our community by increasing business opportunities focused on energy efficiency and renewable energy and by reducing the energy costs of all Golden businesses. Specifically:

1) Encourage local businesses to improve their sustainability and profitability by developing their offerings of sustainable products and services and their use of sustainable products, services, and practices.
   
   Baseline: Thirty-nine (39) outreach efforts in 2007 to provide information, resources, and assistance to encourage sustainability.

2) Create/Attract new jobs and businesses in the sustainability sectors.
Baseline: [additional employment information will be forthcoming prior to the meeting.]

Section 3. Increase our community's awareness of and encourage commitment to actively take part in sustainability as a public value that supports cultural, economic and environmental health for all citizens. Specifically:

1) Create effective, ongoing two-way communication that informs, educates and inspires community involvement in city-wide sustainability efforts; and
   Baseline: Zero percent (0%) level of knowledge of community efforts and city actions taken through community surveys.

2) Support the Community Working Groups in crafting community action plans that effectively foster sustainable behavior.
   Baseline: Eight (8) Community Working Group recommendations that were implemented in 2007.

Section 4. Increase our community's energy efficiency and our use of renewable sources of energy. Specifically:

1) Reduce the City of Golden's energy usage by 25% and increase to 50% the proportion of its energy use derived from renewable energy sources within ten years (25 x 50 in 10).
   Baseline: Electricity (10,120,649 kilowatt hours), Gas (235,416 therms), and Fuel (80,088 gallons)

2) Reduce overall community energy usage in Golden by 20% and increase to 20% the proportion of its energy use derived from renewable energy sources within ten years (20 x 20 in 10).
   Baseline: Electricity (259,081 megawatt hours), Gas (1,614,525 decatherms), and Average Fuel Efficiency (25 miles per gallon)

Section 5. Reduce our solid waste stream contribution through the expanded use of recycling programs, waste diversion programs, and other tools. Specifically:

1) Reduce our solid waste stream contribution by 25% in ten years.
   Baseline: 29,719,979 pounds of municipal solid waste

Section 6. Increase the ability of Golden residents and visitors to travel to and through Golden using alternative transportation. Specifically:

1) Reduce the communities total Vehicle Miles Traveled by 15% in ten years.
   Baseline: 486,003 total Vehicle Miles Traveled

Section 7. Ensure that Golden sustains a clean, stable water supply into the future, specifically:

1) Reduce Golden's per capita water use by 15% in 5 years.
   Baseline: 1,292,321,100 gallons of total water consumed

2) Maintain better than regulatory water quality from water treatment plant to end-user.
   Baseline: Compliance with Clean Water Act regulations, A Partnership Through Clean Water Agreement, daily sampling procedures, and water monitoring stations.
3) Increase the efficiency of the water delivery system.
   **Baseline: 76% efficient**

4) Improve the health of the ecosystem associated with the Golden waterways.
   **Baseline: ?**

   Adopted this _______ day of ________, 2010.

   ________________________________________________________________
   Jacob Smith
   Mayor

   ATTEST:                      APPROVED AS TO FORM:

   ____________________________  ____________________________
   Susan M. Brooks, MMC, City Clerk     David S. Williamson, City Attorney
<table>
<thead>
<tr>
<th>MUNICIPALITY</th>
<th>CLASS OF SERVICE</th>
<th>ELECTRIC ONLY PREMISE COUNT</th>
<th>GAS ONLY PREMISE COUNT</th>
<th>GAS AND ELECTRIC PREMISE COUNT</th>
<th>TOTAL PREMISE COUNT</th>
<th>TOTAL ELECTRIC ENERGY CONSUMED (MWh)</th>
<th>TOTAL GAS ENERGY CONSUMED (GWh)</th>
<th>XCEL ENERGY'S COLORADO ELECTRIC EMISSION FACTOR (Tons CO2/MWh)</th>
<th>TONS OF CO2 FROM ELECTRIC CONS.</th>
<th>XCEL ENERGY'S COLORADO GAS EMISSION FACTOR (Tons CO2/Dth)</th>
<th>TONS OF CO2 FROM GAS CONS.</th>
<th>TOTAL TONS OF CO2 FROM CONS.</th>
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</thead>
<tbody>
<tr>
<td>GOLDEN</td>
<td>Residential</td>
<td>1,676</td>
<td>29</td>
<td>5,191</td>
<td>6,896</td>
<td>48,367</td>
<td>-</td>
<td>0.8300</td>
<td>40,643</td>
<td>420,654</td>
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<td>1,349</td>
<td>-</td>
<td>0.0595</td>
<td>-</td>
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<tr>
<td></td>
<td>Commercial</td>
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<td>1,636</td>
<td>140,084</td>
<td>-</td>
<td>0.8300</td>
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<td>1,193,871</td>
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<td></td>
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<td>-</td>
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<td>97</td>
<td>0.8300</td>
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<td>-</td>
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</tr>
<tr>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>274</td>
<td>-</td>
<td>0.8300</td>
<td>-</td>
<td>-</td>
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<tr>
<td></td>
<td>Pub St &amp; Hwy Ltg</td>
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<td>-</td>
<td>-</td>
<td>914</td>
<td>-</td>
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<td>-</td>
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<tr>
<td>GOLDEN Total</td>
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<td>2,306</td>
<td>279</td>
<td>6,471</td>
<td>9,056</td>
<td>259,081</td>
<td>2,000</td>
<td>213,377</td>
<td>1,614,526</td>
<td>96,064</td>
<td>309,442</td>
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</tbody>
</table>

Notes:
1. An Xcel Energy 'customer' may receive electric, gas or both electric and gas service at a given location. To provide the clearest breakout of customers, this information has been prepared using a 'premise' as a proxy for a customer. A premise is a physical location where electricity, gas or both may be supplied. Typically there is only one meter for electricity and/or one for gas at each location.
2. Only premises showing energy consumption during the reporting period are included.
3. The reports include all retail energy consumed within the specified local government's boundaries. Consumption, including streetlights, traffic signals and other non-metered premises, by all types of government is incorporated. Also included is the use of energy by the company, excluding only the gas to fuel power plants (which is accounted for in the electric emission factor) and gas to fuel the compressors on the gas pipeline system. Premises are assigned to a class of service based on the electric and gas rates used at the premise. If a premise has more than one class of service, the service with the highest priority is assigned. Priorities are Residential=1, Residential Windsource=2, Commercial=3, Commercial Windsource=4, Industrial=5 and Industrial Windsource=6.
4. Windsource is a voluntary wind energy program offered by Xcel Energy to its electric customers in Colorado. Customers have the option of purchasing 100 - kilowatt-hour (kWh) blocks of Windsource or the 100% Windsource option. (1000 kWh equals one Megawatt-hour or MWh).
5. By definition, commercial electric service is delivered at secondary voltage (typically 120, 208, 240 or 480 volts). Industrial electric service is delivered at primary voltage (typically 13 Kilovolts) or transmission voltage (typically 115 or 230 Kilovolts).
6. Residential class of service. They usually have another electric meter for laundry rooms and for common area lighting and cooling, served on a commercial electric rate and included in the Commercial class. These same apartment buildings often have one gas meter connected to a boiler and a water heater providing heat and hot water to all of the individual units. These meters are served on a commercial gas rate and are included in the gas Commercial class. However, if each unit has an individual gas meter serving only that unit's individual furnace and/or water heater, then it is served on a residential gas rate and included in the gas Residential class.
7. For gas transportation customers, where has is purchased from a third party supplier and Xcel Energy only delivers the gas to the end customer, premises and consumption are included in the gas Commercial class of service rows.
8. Gas transportation customers are set up by contract rather than as traditional premises. The 12-month median of the number of gas transportation service and facilities charges paid in the jurisdiction is used as a proxy.
9. No premise counts are provided for Public Street & Highway Lighting since these are set up by contract rather than as traditional premises.
10. This report was prepared by Marketing - Information Services. Consumption data is from Xcel Energy's internal databases used for reporting to regulatory agencies. It is based on information available on 7/30/2008. It should be consistent with various reports prepared for those agencies.
Here’s The Plan – It’s Simple!

Choose a Trash Container Based on Your Families Needs

How much you can recycle determines how little you will throw away.

What is Pay-As-You-Throw?

- Pay-As-You-Throw is the trash collection system approved by Golden City Council in May 2010. The program is tailored to single family residences and multi-family units of seven or less.

- With Pay-As-You-Throw, your cost for collection is based upon how much you recycle and how much your family throws away. The more you recycle, the less you pay.

Before you make a decision please be sure to read the entire packet. If you still have questions you may call 303-278-8600 to speak with a customer service representative or email CityofGolden@edswaste.com.

All of the information is also available on our website at www.edswaste.com. Follow the link to Golden PAYT.

Very Important!
Please return the enclosed order form or use the form on our web site, with your plan selection by June 30th, 2010.

Welcome to your NEW City of Golden Pay as You Throw Program!

We Look Forward to Serving You!
Why was this program chosen?
The City of Golden created the Pay-As-You-Throw program in response to citizen demand to reducing fuel waste and road maintenance, providing more options for service, and facilitating easier access to recycling. As an added benefit, many residents will have opportunities for lower pricing while helping the city achieve its sustainability goal to reduce waste by 25% by 2017.

What is Pay-As-You-Throw (PAYT)?
The Pay-As-You-Throw program works on a per-container basis: households are charged for each bag or cart of trash they generate. The more you recycle, the less you pay. With PAYT, when you recycle and prevent waste, you’re rewarded with a lower trash bill. It is important to reduce, reuse and then recycle everything from your soda bottles and magazines to yard trimmings. Each week place your trash bin at the curb and it will be picked up as usual. Every other week place your recycle bin at the curb with all of the acceptable recyclable materials in it.

NO MORE SEPARATING! Paper, cardboard, glass, aluminum, plastic and tin all go in the same bin. If you have chosen an optional green waste program that bin goes out on the opposite week from recycle. IT’S AS SIMPLE AS THAT!

How can I find out if my household is in the program?
Visit www.cityofgolden.net/solidwasteandrecycling for a searchable PDF listing all addresses within the program or call (303) 384-8183.

When will the program start?
We anticipate that carts will be delivered in August, with service to start September 1.

What day will my trash be picked up?
Because your collection day may change, you will receive a notice approximately 30 days prior to the start of service that will indicate the day of the week for your service. At that time you may also refer to your City of Golden Pay as You Throw Calendar on our web site at www.edswaste.com.

Will my recycling and yard waste containers be picked up on the same day as my regular trash?
Your collection day will be the same for each service. Trash, recycling and yard waste containers will be picked up on the same day before 7 p.m., but not all at the same time, and the recycling and yard waste will be picked up on alternating weeks. For your actual service days please refer to your City of Golden Pay As You Throw Calendar or check your Golden web page on our web site at www.edswaste.com.

How will I be billed for service?
After you sign up for the level of service you desire, the City will include three months of service on your quarterly water bill. Optional services will be billed directly by EDS Waste Solutions, Inc.

What does the service include?
Each household will receive a 96 gallon cart for recycling. You have the option of a 32, 64, or 96 gallon cart for your weekly trash pickup along with a twice-annual pickup of yard waste. For more details see the Automated Trash & Recycling Guidelines on Page 5.

What if I change my mind and want a different size cart for trash?
EDS encourages customers to start with the larger container in order to identify the true needs of their family in the most cost effective way. There is no charge to downsize or exchange one time to a smaller size container within the first 90 days of the new program. After the first three months you will be limited to one exchange in cart size per quarter and may add or cancel carts each six months for an additional charge.
Why do I have two containers?
One is for recycling (96 gallon) and one is for regular household trash (96, 64, or 32 gallon). There is also a third bin if you choose the optional green waste program.

How do I decide what size container I will need for household waste?
EDS will be happy to help you select the best size household waste container for your family. There are three different sizes to choose from along with an optional super saver program for the heavy recycler or very small family.

- 32 gallon Trash Container $ 6.19 per mo (= 1-32 gallon or 2-13 gallon bags)
- 64 gallon Trash Container $ 10.56 per mo (= 2-32 gallon or 4-13 gallon bags)
- 96 gallon Trash Container $ 16.29 per mo (= 3-32 gallon or 7-13 gallon bags)
- Super Saver Plan $ 5.05 per mo (32 gallon every other week)
- Extra 96 gallon Trash Container $ 7.95 per mo

Extra 96 gallon Trash Container $ 7.95 per mo

<table>
<thead>
<tr>
<th># of Kitchen Bags of Trash Per week</th>
<th>Not a Recycler or Composter</th>
<th>Recycler, but not Composting</th>
<th>Recycler and Composter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 bag or less</td>
<td>32 Gal</td>
<td>32 Gal</td>
<td>Super Saver + Green Waste</td>
</tr>
<tr>
<td>2-3 bags</td>
<td>64 Gal</td>
<td>32 Gal</td>
<td>32 Gal. + Green Waste</td>
</tr>
<tr>
<td>4-5 bags</td>
<td>96 Gal</td>
<td>64 Gal</td>
<td>64 Gal. + Green Waste</td>
</tr>
<tr>
<td>6-8 bags</td>
<td>96 Gal</td>
<td>96 Gal.</td>
<td>96 Gal. + Green Waste</td>
</tr>
<tr>
<td>8+ bags</td>
<td>96 Gal+ Add'l 96 Gal.</td>
<td>96 Gal.</td>
<td>96 Gal. + Green Waste</td>
</tr>
</tbody>
</table>

If you are unsure of your current volume consider evaluating your usage over the next couple of weeks, or from the past several weeks, to determine the average number of bags you use. Use the bag quantity comparison from the graphics and table above to determine the cart size your family may need. Tall kitchen bags are 13-gallon bags. Please keep in mind the volumes from your garage, yard and other household areas that take part in your normal waste volumes. You may find that your new Pay As You Throw program allows for more recycling than your previous program, please review the recycle materials accepted and the optional Green Waste Program to evaluate how that may impact your trash volume.

What if I have more trash than usual or need additional services?
A customer service representative at EDS will help you select the appropriate additional service from the options below.

- Extra Trash Stickers $ 2.65 per bag
- Green Waste Compost Service $ 5.95 per mo (96 gallon every other week)
- Carry Out & Carry Back Service $ 6.00 per mo
- Carry Back Service only $ 3.00 per mo
- In Drive Service $ 10.00 per mo
- Beyond Green Program $ 1.25 per mo*

Additional charges will apply for trash, including yard waste that exceeds your service level limits. You may need to purchase additional trash stickers to have on hand for the extra volume or if it is consistent you should consider increasing your regular service to the next level of service.

Where can I purchase the pre-paid stickers for my temporary extra trash?
Stickers will be available for purchase through the EDS website, by visiting the EDS offices, and at City Hall.

Why should I recycle?
Recycling preserves natural resources, extends the life of our landfills, and helps the city meet the sustainability goals of 25% reduction in waste by 2017. Golden needs your continued support to help meet this goal. By recycling, residents will keep our collection rates down, save energy, and conserve resources for future generations.

What may I put in the recycling container?
All of the following items are recyclable; glass containers, plastics (labeled # 1-7), cans (beverage and food cans), cardboard (flattened), junk mail, cereal boxes, newspaper, paper, telephone book, and magazines. Please DO NOT INCLUDE PLASTIC BAGS as they are damaging to the machines that sort recyclables. For more details refer to the Automated Trash & Recycling Guidelines.
What may I put in the green waste recycling container?
Green Waste is grass clippings, pine needles, leaves, weeds and branches; untreated and unpainted lumber, sawdust, ground or chipped wood. Green Waste is compostable, so please do not contaminate the collection with any of the following: NO food waste (including fruits and vegetables), plastic, dirt, cactus, tree stumps, branches greater than 3” in diameter, street sweepings, ashes, animal waste, treated lumber, logs, large tree limbs, old garden hoses, broken flower pots, or or plastic bags of any kind. You must use an EDS 96 gallon container and all materials must be inside the container with the lid closed. Please refer to the Subscription Green Waste program guidelines.

How is the twice annual Yard Waste different from the Subscription Green Waste Program?
Green Waste is a subscription program that is serviced every other week and is paid for as an optional service by the citizen. Yard Waste collection service is provided twice annually and is included in your base service rate. The collections will be scheduled in May and October of each year. Please see our web site for an updated pick up schedule.

How do I dispose of hazardous materials?
DO NOT place hazardous material in your trash container, recycling container, or in your yard waste container. The City of Golden participates in a citywide household hazardous material recovery program. You may take your material to the Rooney Road Recycling Center. Please visit www.rooneyroadrecycling.org for more information or contact EDS Waste with additional questions. You may also send us an email at CityofGolden@edswaste.com.

How can I sign up for service?
Starting in June, residents can sign up on the City of Golden page through the EDS website at www.edswaste.com and follow the link to Golden PAYT, by calling our office at 303-278-8600, or through the form at the back of this informational packet.

How can I do with my old trash container?
If you cannot use it for other uses such as the semi-annual yard waste pickup or gardening the City will arrange for recycling of your old container free of charge. If you bought your container from a private trash company, contact your current hauler for return options.

What is the 4EverGreen Rewards Program?
4EverGreen Rewards is an exclusive program created specifically for the City of Golden Pay-As-You-Throw program. All you need to do is recycle as you normally do and you will earn points towards discounts at local vendors. No tracking on your part, no counting, no need to do anything differently! More information will be posted on our website prior to the beginning of your service.

What is the Beyond Green Program?
Beyond Green is an optional service provided to bring you additional information and resources regarding your services. With the subscription you will receive quarterly coupons for discounted and free services; quarterly newsletters with valuable tips, hints and ideas on how to maximize your recycling, create sustainable programs at home, how to divert more trash and much, much more; ebilling for all of the services that are billed directly from EDS; and every single week you will receive email verification of your services with date and time they were performed.
Automated Trash and Recycling Guidelines

If there is more trash than what fits in the container you have chosen, or if large and bulky items are put out, it will result in an additional charge. Please call in advance so we may advise you of the appropriate charge.

• Place only household and residential trash in the automated cart.
• Place your trash and recycling/green waste carts at the curb by 7:00 a.m. on collection day.
• Use only trash and recycle carts provided by EDS Waste unless you have previously purchased approved stickers. The Green waste service must use EDS Waste 96 gallon carts.
• Stickers must be placed only on 32 gallon bags and not on any other cans, containers or items.
• Place each cart at least two feet apart and two feet from parked cars, recycling bins, fences, mailboxes and other obstructions.
• Place each cart with arrow facing the street and the handle facing your home.
• Untie any ropes or tie-downs you may have used to secure the lid before collection day.
• Please do not overload your cart nor place anything on top. (no dirt, sod, brick, concrete or rock in the cart(s).
• Please place all recyclable items in containers loosely, not in bags.
• Do not place hot ashes, coals or other flammable materials such as solvents, oil, gas or paint in the cart.
• Carts are the property of the City of Golden and EDS Waste Solutions. Please do not remove the carts from your home if you move. Please keep them clean and free of writing and markings on the surface.
• For carts needing replacement or repair due to normal wear and tear please contact EDS immediately.
• If damages are due to negligence customer will be responsible for cost of repair or replacement.
• All material must fit inside the carts. Drivers are not responsible for the cleanup of spillage that is a result of overfilled carts or garbage not being bagged.
• Trucks will not return to collect carts that are placed out late, blocked, too close to obstructions, or contain unauthorized material. Extra charges will apply for additional services.
• In the event of a holiday, collection schedules will appear on the city website, EDS website, www.edswaste.com, and you will receive an automated phone reminder prior to the event.

Extra Trash/Large Item Sticker Guidelines

• Stickers must be placed on bags. They MAY NOT be used on your own trash cans or other containers.
• Please use one sticker per bag. Any sizes larger than 32 gallon bags must be pre-authorized by EDS’s customer service and the appropriate number of stickers will be noted in the customer’s account prior to service.
• Stickers will be available for purchase through the EDS website, by visiting the EDS offices, and at City Hall. We hope to make stickers available at additional convenient locations. Please check our website for additional locations as they become available. For an additional fee EDS can deliver the stickers directly to your home.
• Place bags with sticker on them next to your cart on trash day.
Recycling Guidelines
Please No Plastic Bags of Any Kind, Food or Green Waste

Cart placement guidelines for day of service is same as trash – please see “Automated Trash and Recycling Guidelines” All of the items below may be placed inside the Recycle Cart provided to you, co-mingled.

• Paper (office paper, copy paper, loose leaf, letterhead, brochures, greeting cards, file folders, envelopes, junk mail, catalogs, magazines and newspapers) No shredded paper is accepted.

• Cardboard, flattened. (corrugated cardboard, cereal boxes and other paperboard, paper egg cartons, beverage cartons) If cardboard is too large for container please cut down to fit inside.

• Plastic Containers (plastic bottles, jars and jugs, butter and yogurt tubs, laundry soap jugs all labeled #1 - #7) Do Not include the screw top lids.

• Aluminum Cans (beverage and empty aerosol cans)

• Steel/Tin Cans

• Glass (clean glass bottles and jars all colors)

Subscription Green Waste Program

Cart placement guidelines for day of service is same as trash – see “Automated Trash and Recycling Guidelines” on Page 5.

Green Waste includes grass clippings, pine needles, leaves, weeds and branches that are no taller than the top of the container and no larger than 3 inches in diameter; untreated and unpainted lumber, sawdust, ground or chipped wood. Green Waste is recyclable, so please do not contaminate with any of the following: NO food waste (including fruits and vegetables), plastic, dirt, cactus, tree stumps, branches greater than 3” in diameter, street sweepings, ashes, animal waste, treated lumber, logs, large tree limbs, old garden hoses, or broken flower pots. You must use an EDS 96 gallon container and the container lid must be closed. Plastic bags are not allowed.

Twice Annual Yard Waste Service

Yard Waste is grass clippings, pine needles, leaves, weeds and branches that are no longer than 4 feet and no larger than 4 inches in diameter; untreated and unpainted lumber, sawdust, ground or chipped wood.

Yard Waste is recyclable, so please do not contaminate with any of the following:

NO food waste (including fruits and vegetables), plastic, dirt, cactus, tree stumps, branches greater than 4” in diameter, street sweepings, ashes, animal waste, treated lumber, logs, large tree limbs, old garden hoses or broken flower pots. No Construction material is allowed for this service. Plastic bags are not allowed.

• Yard Waste may be placed at the curb on your designated day for the service in a container of your choice.

• Branches may be bundled with string, yarn or rope - please do not use wire for bundling. Bundles should be 4’ in length and no more than 2’ in diameter.

• Yard waste will be limited to 3 cubic yards per resident. (an area that is approx. 4ft x 4ft x 4ft)

• Material that is not bundled or in containers will not be picked up.
City of Golden PAYT Service Request Form

Please be sure this form is returned to EDS Waste no later than June 30th, 2010, with your choice of containers. Save time and postage by going to our website at www.edswaste.com and follow the link to Golden PAYT and fill out the Service Request Form online. If we do not hear from you, we will deliver a 96 gallon cart and recycle bin as your initial delivery.

Your Name* (*required information)
First ___________________________________________ Daytime Phone Number*
Last ___________________________________________

Do you already have an account with EDS?
○ YES, I DO
   Your Account Number ___________________________
○ NO.

Do you already have City of Golden “Water Bill”? 
○ YES, I DO
   Your Account Number ___________________________
○ NO.

Recycling is included in your base service. In an effort to encourage as much recycling as possible you will automatically receive a 96 gallon cart to be serviced every other week.

Base Service:
Trash Service – please choose your service:
   □ 32 gallon Trash Container $ 6.19 per mo
   □ 64 gallon Trash Container $ 10.56 per mo
   □ 96 gallon Trash Container $ 16.29 per mo

Base Service Options:
   □ Super Saver Plan $ 5.05 per mo (32 gallon every other week)
   □ Extra 96 gallon Trash Container $ 7.95 per mo (you must have 96 gallon base service to order the additional 96 gallon cart)
   □ 64 gallon Recycle Container

These charges will be added to your monthly water bill
Please note within the first 90 days of service you will be allowed one exchange in cart size at no cost. After the first three months you will be limited to one exchange in cart size per quarter and may add or cancel carts each six months for an additional charge.

Additional Service Options:
Please choose as many as apply:
   □ Extra Trash Stickers (min purchase 5 stickers $ 2.65 per sticker □ qty stickers (5 per package)
   □ Green Waste Compost Service $ 5.95 per mo (96 gallon cart)
   □ Carry Out/Carry Back Service $ 6.00 per mo
   □ Carry Back Service $ 3.00 per mo
   □ In Drive Service $ 10.00 per mo
   □ Beyond Green Program $ 1.25 per mo* (paid annual)

Additional service options will be billed individually and separately from your city charges.

Need More Information?
Call our office at 303-378-8600 or email us at CityofGolden@edswaste.com
Please mail your City of Golden PAYT Service Request Form to the address at left or go to www.edswaste.com and follow the link to Golden PAYT.