



**SOLID WASTE ADVISORY COMMISSION
JANUARY 13, 2010, 6:30 P.M.
CITY HALL, COUNCIL CHAMBERS
301 WEST 2ND STREET
AUSTIN, TEXAS 78701**

CURRENT BOARD MEMBERS:

Gerry Acuna, Chair
Brent Perdue

Rick Cofer, Co-Chair
Bob Schafer

J.D. Porter
Maydelle Fason

Fayez Kazi

AGENDA

CALL TO ORDER

1. CITIZEN COMMUNICATION: GENERAL

The first four (4) speakers signed up prior to the meeting being called to order will each be allowed a three-minute allotment to address their concerns regarding items not posted on the agenda.

2. APPROVAL OF MINUTES

3. OLD BUSINESS

a. Sub-Committee Updates

1. Recycling Ordinance Sub-Committee
2. Solid Waste Management District Sub-Committee
3. Hauler License Fee Sub-Committee

b. Resolution Regarding Waste Management Landfill Expansion

4. NEW BUSINESS

- a. Set and Approve Meeting Schedule for the 2010 Year
- b. Review of 2009 Work Plan and Goals
- c. Toilet Rebate Program and Recycling Options

5. STAFF BRIEFINGS

a. Carts RCA

Authorize award and execution of a contract through the State of Texas, Comptroller of Public Accounts (CPA) with **TOTER INCORPORATED**, Statesville, NC for the purchase of residential garbage carts and single-stream recycling carts in an amount not to exceed \$899,763.84. SWS plans to take the RCA to Council for approval on February 4, 2010.

b. SCS Field Services RCA

Authorize award and execution of a 36-month requirements service contract with **SCS Field Services**, Austin, TX for leachate and methane gas collection and control system operation maintenance for the Solid Waste Services Department in an estimated amount not to exceed \$315,000, with three 12-month extension options in an estimated amount not to exceed \$105,000 per extension option, for a total estimated contract amount not to exceed \$630,000. SWS plans to take the RCA to Council for approval on January 28, 2010.

c. Greenstar Update

d. Reinstating Environmental Awareness Award Presentation (Pharr Andrews, AE)

e. Electronic Waste Recycling Presentation (Melissa Martinez, SWS)

6. FUTURE AGENDA ITEMS

ADJOURNMENT

The City of Austin is committed to compliance with the American with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Meeting locations are planned with wheelchair access. If requiring Sign Language Interpreters or alternative formats, please give notice at least 4 days before the meeting date. Please call Annette Moreno at Solid Waste Services Department, at (512) 974-1987, for additional information; TTY users route through Relay Texas at 711.

SWAC 2010

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Solid Waste Advisory Commission 2008-2009 Work Plan

Monitor the following ongoing programs/projects and make recommendations to City Council as needed:

- A. SWS Master Plan
- B. Zero Waste Strategic Plan Implementation
- C. Composting Program
- D. Commercial/Multi Family Recycling Ordinance
- E. Single Stream Recycling
- F. COA Material Recovery Facility
- G. Pay-As-you-Throw Rate Gap
- H. Northeast Landfills
- I. Revised Hauler Fee Ordinance
- J. Green Building/C & D Recycling
- K. Solid Waste Management Districts
- L. Conversion Technologies
- M. Solid Waste Services Management Audit/Review
- N. Landfill Development Options

Solid Waste Advisory Commission 2008-2009 Work Plan Accomplishments

Construction & Demolition Debris Recycling (September 2008)

SWAC formed a subcommittee in the spring of 2008 to discuss and evaluate the feasibility of expanding green building and C&D Recycling in the Austin community. The Subcommittee determined that it would be best to partner with other entities around the City and re-visit the community's infrastructure to recycle C&D Debris at a later date. As a result of the subcommittee meetings, SWS Staff partnered with CAPCOG, Austin Energy, the Convention Center, and TXDOT to hold a C&D Recycling Regional Summit in May 2009.

Single Stream Recycling (October 2008)

SWS fully implemented Single Stream Recycling Curbside Collection Program in October 2008. Recyclables collected increased by approximately 46%. Education continues regarding the program. The program continues to be very successful in terms of improving operational efficiencies, increasing the diversion of materials from the landfill, increasing customer participation, and generating/sustaining community support.

Alternative Energy Conversion Technologies (October 2008)

Austin Energy provided a presentation to discuss alternative energy technologies. Staff discussed the differences in incineration, plasma arc technology, etc.

Zero Waste Strategic Plan (January 2009)

SWAC Reviewed and recommended that Council approve adoption of the Zero Waste Strategic Plan. Implementation is on-going with numerous outreach and education initiatives planned throughout the community.

Solid Waste Services Management Audit/Review (Summer 2009)

Completed. A new SWS Director was recruited and hired. Bob Gedert is scheduled to begin on February 1, 2010.

Pay-As-You-Throw Rate Structure Subcommittee (Summer 2009)

SWAC formed a subcommittee in the fall of 2008 to discuss the rate structure. The Subcommittee provided staff with valuable input. Staff presented the FY10 SWS budget to SWAC with a recommended increase that was fairly consistent to the Subcommittee's recommendations. SWAC recommended a budget with a higher increase than staff projected. Council passed the FY10 budget that included a rate increase for the 90 gallon containers.

Integrated Solid Waste Management Master Plan (June 2009)

On June 18, 2009, Council authorized staff to negotiate with negotiate HDR Engineering, Inc for development of the ISWMMP and return to execute the contract. Staff solicited and received significant community input regarding the scope of services and initiated

negotiations with HDR. The item is tentatively scheduled for consideration by SWAC on February 10, 2010, and then to Council by February 25, 2010.

Composting Program (October 2009)

A composting rebate/incentive program was approved in the FY10 budget. Staff is developing the administrative process to implement the incentive program and partner with local organizations to provide compost training programs for the community.

Single Stream Recycling Facility Request for Proposals (December 2009)

RFP advertised on November 16, 2009. The proposals are scheduled to go back to Council between June – August of 2010.

Commercial/Multi Family Recycling Ordinance

SWAC formed a Subcommittee to discuss and develop amendments to the ordinance. Meetings began on September 9, 2010. The Subcommittee expects to forward its initial recommendations on February 10, 2010. Stakeholder meetings continue.

Revised Hauler License Fee (On-going)

Subcommittee was created to review and recommend possible changes to the current ordinance. This issue is ongoing.

Landfill Development Options
Northeast Landfills

SUBJECT: Authorize award and execution of a contract through the State of Texas, Comptroller of Public Accounts (CPA) with **TOTER INCORPORATED**, Statesville, NC for the purchase of residential garbage carts and single-stream recycling carts in an amount not to exceed \$899,763.84.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$899,763.84 is available in the Fiscal Year 2009-2010 Operating Budget of the Solid Waste Services Department.

FISCAL NOTE: There is no unanticipated fiscal impact. A fiscal note is not required.

FOR MORE INFORMATION CONTACT: Lupe Cruz, Buyer I/974-9142

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: Reviewed by the Solid Waste Advisory Commission on January 13, 2010.

PURCHASING: Cooperative Purchase

MBE/WBE: This contract will be awarded in compliance with Chapter 2-9D of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). This contract is a Cooperative Purchase; therefore, it is exempted under Chapter 791 of the Texas Government Code and no goals were established for this solicitation.

This contract is for the purchase of 16,704 residential garbage carts and 4,704 single-stream recycling carts, including lid graphics, for the Solid Waste Services Department (SWS).

The garbage carts are to be issued for the SWS Pay-As-You-Throw Program, which requires SWS customers to use a City-issued cart for the removal of residential garbage. The purchase of garbage carts is necessary to provide SWS with a sufficient supply of 30, 60, and 90-gallon garbage carts readily available to replace existing customers' broken carts and to issue new carts to new customers on an as-needed basis.

The recycling carts are to be issued for the SWS Single-Stream Recycling Program, which was initiated in October 2008. The purchase of recycling carts is necessary to provide SWS with a sufficient supply of 90-gallon recycling carts readily available to replace existing customers' broken carts and to issue new recycling carts to new customers on an as-needed basis.

Toter Incorporated is under contract with CPA to supply various types of refuse containers (two-wheel carts) and services statewide as a result of a competitive bidding process. Utilizing CPA contracts provides for volume discount pricing as well as the earliest opportunity to get the City's equipment on order.

SUBJECT: Authorize award and execution of a 36-month requirements service contract with **SCS Field Services**, Austin, TX for leachate and methane gas collection and control system operation maintenance for the Solid Waste Services Department in an estimated amount not to exceed \$315,000, with three 12-month extension options in an estimated amount not to exceed \$105,000 per extension option, for a total estimated contract amount not to exceed \$630,000.

AMOUNT & SOURCE OF FUNDING: Funding in the amount of \$70,000 is available in the Fiscal Year 2009-2010 CIP Budget of the Solid Waste Services Department. Funding for the remaining 28 months of the original contract period and extension options is contingent upon available funding in future budgets.

FISCAL NOTE: A fiscal note is required.

FOR MORE INFORMATION CONTRACT: Steve Cocke, Buyer II / 974-2003

PRIOR COUNCIL ACTION: N/A

BOARD AND COMMISSION ACTION: To be reviewed by the Solid Waste Advisory Commission on January 13, 2010.

PURCHASING: Sole bid received.

MBE/WBE: This contract will be awarded in compliance with Chapter 2-9C of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.

This contract will provide for leachate and methane gas collection and control system operation maintenance and repair services for 67 landfill extraction wells, multiple condensate collection locations, below-grade high-density polyethylene header piping, one blower, one enclosed candlestick-type flare, and associated appurtenances and controls at the Solid Waste Services Landfill located at 10108 FM 812. This agreement will also provide for non-routine and emergency services for all associated components, as well as greenhouse gas monitoring and reporting.

The contractor will conduct monthly monitoring and adjustments of the well field to ensure proper balancing of the landfill gas extraction wells. Routine operations and maintenance will be performed at each of the 67 landfill gas extraction wells. Monitoring of the landfill gas quality and flow at the blower/flare station will be performed on a monthly basis and the contractor will document the following operational data for each well: 1) wellhead vacuum; 2) differential pressure; 3) landfill gas flow; 4) landfill gas composition (i.e., methane (CH₄), carbon dioxide (CO₂), oxygen (O₂), balance gases; 5) landfill temperature; 6) wellhead condition; and 7) measurement of liquid levels in wells.

In accordance with the Mandatory Greenhouse Gas (GHG) Reporting Rule recently promulgated by the U.S. Environmental Protection Agency (EPA), all landfills that accepted waste after January 1, 1980 must report methane emissions annually if the landfill emissions exceed 25,000 metric tons of carbon dioxide equivalents (CO₂e). This contract will provide for the installation of a flow meter and electronic chart recorder to monitor landfill gas flows, and the contractor will monitor the methane content of the gas each

week. As the EPA finalizes equipment monitoring and reporting system requirements, the contractor will advise the City on how to proceed.

MBE/WBE solicited: 6/4

MBE/WBE bid: 0/0

BID TABULATION

IFB No. SDC0180

Leachate and Gas Collection and Control System Operation and Maintenance

VENDOR

TOTAL BID

**SCS Field Services
Long Beach, CA**

\$88,800

The annual estimated amount of the contract is \$105,000. A complete bid tabulation is on file in the Purchasing Office and is on the City of Austin, FASD Purchasing Office website.

PRICE ANALYSIS

- a. Sole bid. Other potential bidders were notified of the solicitation, but none were received.
- b. Fifty-six notices were sent, including six MBEs and four WBEs. One bid received, with no response from the MBE/WBEs.
- c. The pricing offered reflects a 22% increase to the previous contract award in November 2006. The increase is due to the additional cost of weekly monitoring of methane gas and installation of a flow meter and electronic chart recorder required by the EPA Mandatory Green House Reporting Rule.

APPROVAL JUSTIFICATION

- a. Sole bid received. SCS Field Services is the current provider of these services.
- b. The Purchasing Office concurs with the Solid Waste Services recommended award.
- c. Advertised in the Austin American-Statesman and on the Internet.

Solid Waste Services Department

Financial Services

Electronic Waste Collection (E-waste)

January 13, 2010

History of SWS E-Waste Collections

- Bulk Collection Program
 - Since 1990s –City's bulk program collects obsolete computer and electronic equipment, including TVs.
 - Currently monitoring the amount of e-waste collected during bulk collection cycles.
 - Next step: evaluate the logistical challenges and potential costs of removing e-waste from the bulk collection routes.

History of SWS E-Waste Collections

- SWS Collection Events
 - 2000 & 2001 – Annual collection events held at the Household Hazardous Waste facility.
 - During the two collection events, more than 20,000 pounds of computer equipment was collected from nearly 400 households.

History of SWS E-Waste Collections

- E-Waste Recycling Partnerships
 - 2005-2006-The Austin Computer Recycling Pilot Project. Partners included: DELL and Goodwill Industries.
 - 2008-TV and electronic item collection event. Partners included: Goodwill Industries, Walmart, Round2 Technologies.

Computer Equipment Recycling Program (HB2714)

Effective September 1, 2008

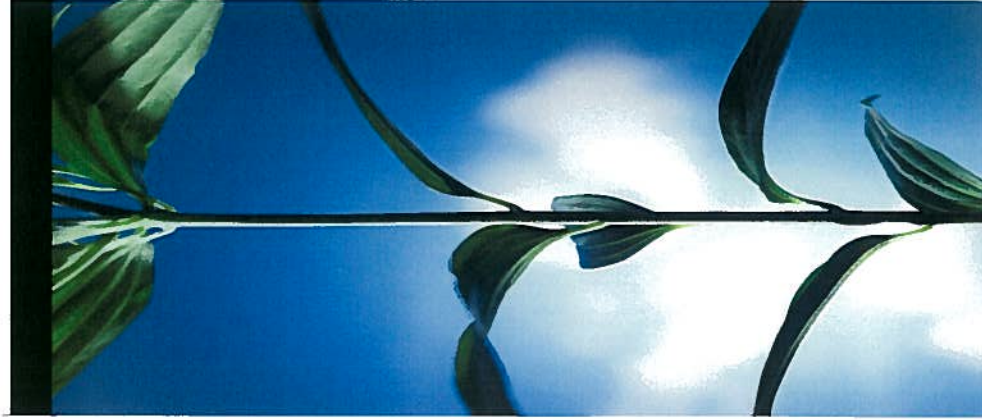
- Computer producers are required to provide free and convenient recycling for computers owned by consumers and home-based businesses.
 - Consumers are not required to recycle e-waste
- HB2714 covers desktop and laptop computers and monitors. Keyboards and mice of same brand as computers are also covered.
 - TVs not included
- Companies are allowed to tailor their recovery and recycling plans to their own business model.

Public Education

- SWS Website (austinrecycles.com)
 - Provides listing of recycling programs for computers, televisions, cell phones and other related products.
- Outreach
 - Organizations and schools
 - Events
 - E-Waste campaign
- Waste Reduction Assistance Program



Environmental Awareness Awards Program 2010



Pharr Andrews
Austin Climate Protection Program
Pharr.andrews@austinenergy.com
512-482-5362





Online Application System

Do you know a person or group making outstanding contributions toward the protection, conservation and improvement of Austin's environment?

Nominate them or yourself for the City of Austin Environmental Awareness Awards at:

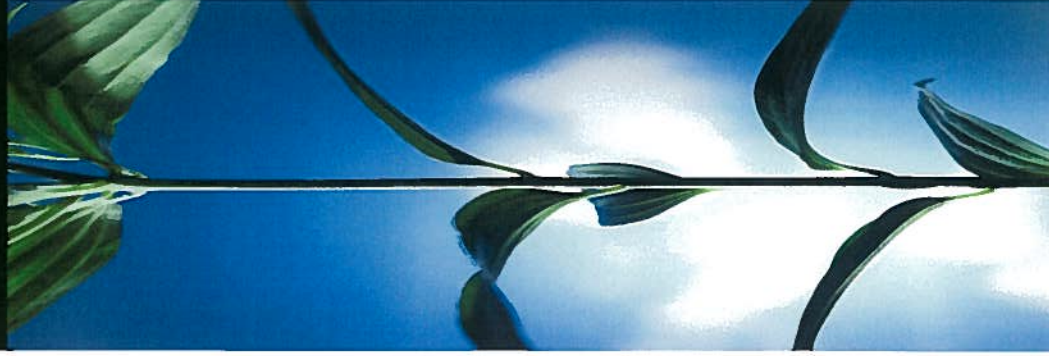
www.coolaustin.org/awards





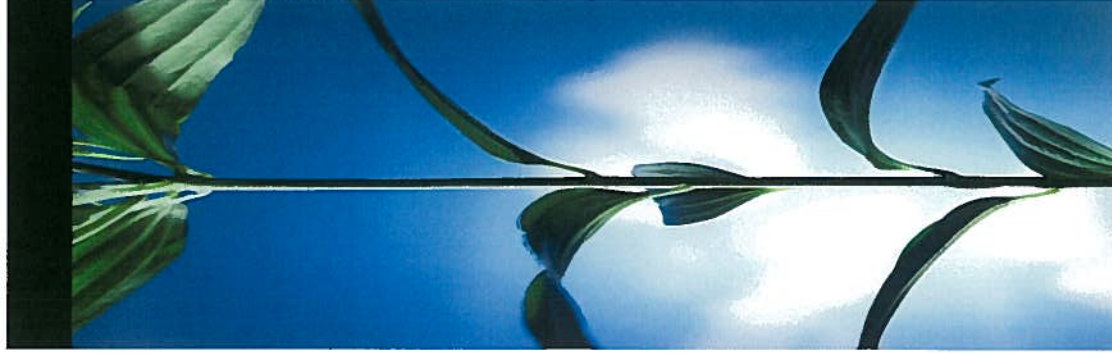
Participants

- Austin Climate Protection Program
- Environmental Board
- Resource Management Commission
- Solid Waste Advisory Commission
- Electric Utility Commission
- Water/ Wastewater Commission





History of Environmental Awareness Awards

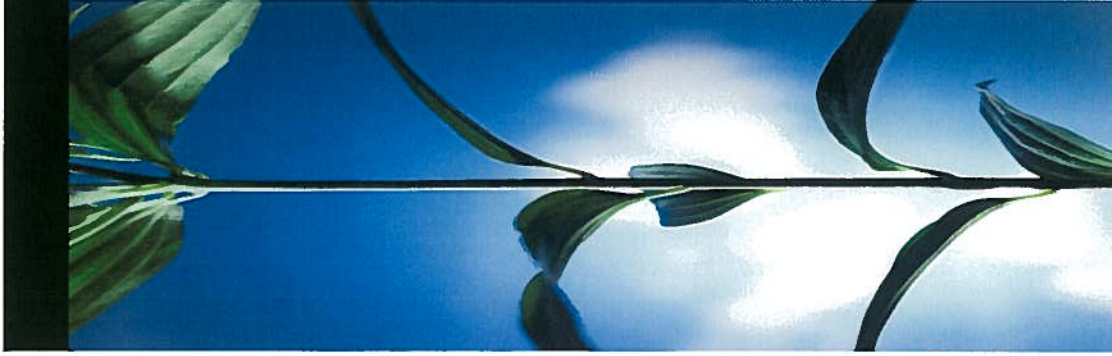


- 1983 Environmental Board hosted 1st awards
- 1990 Boards Combined Earth day effort
- 1991 Solid Waste Advisory Commission and Resource Management Commission joined awards
- 2000 Water and Wastewater Commission replaced Solid Waste Commission
- 2001 last awards program





History of Environmental Awareness Awards



Goal of Awards: Recognize those making significant contributions to the protection and enhancement of our physical environment

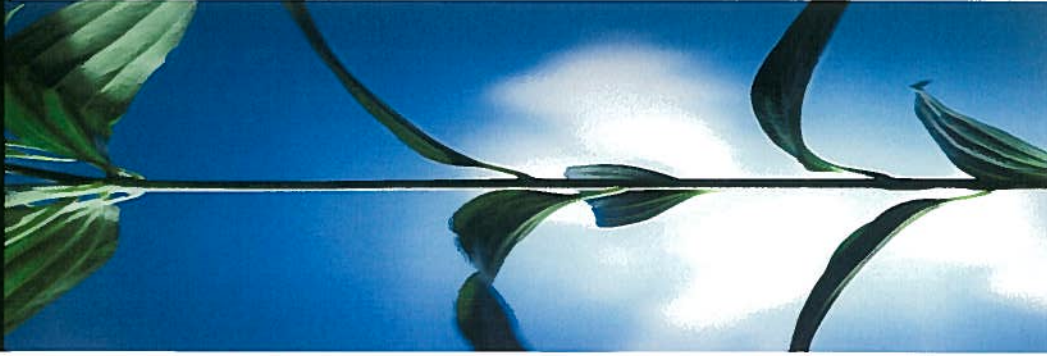




Awards Categories

An award will be presented for each category. Applicants will select the category that best applies to the project being proposed.

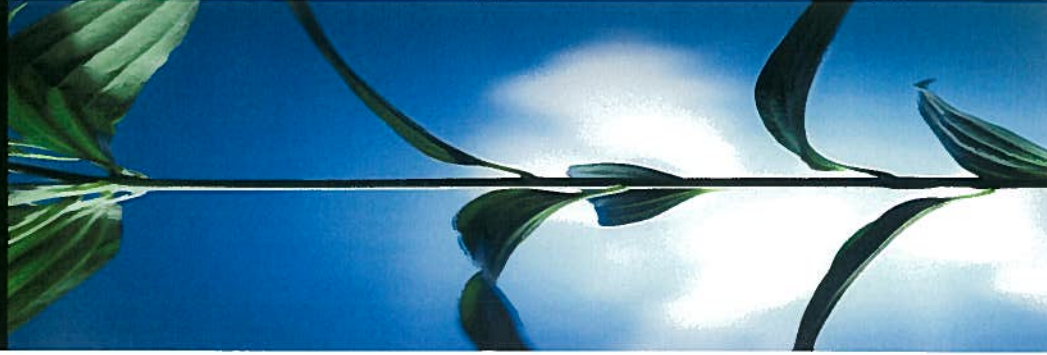
- School or Educational Program
- Mayor's Individual Achievement
- Large Business
- Small Business
- Community/ Nonprofit
- City of Austin Department Award
- Governmental Agency





Awards Selection Criteria

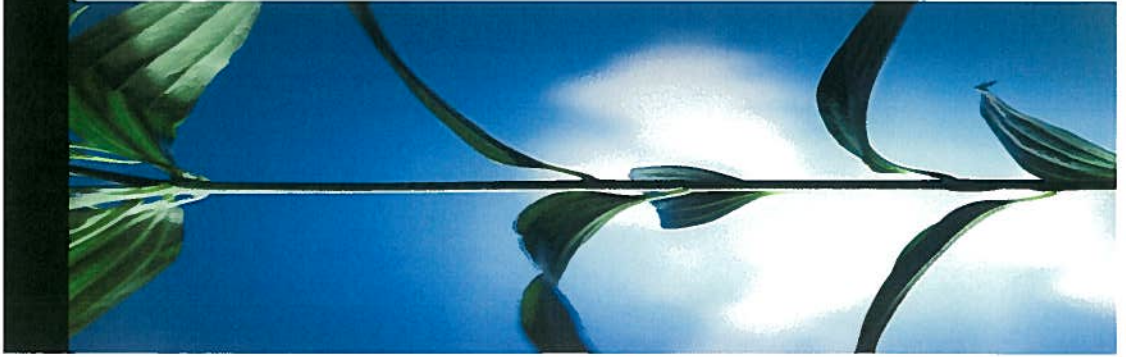
- Innovative
- Beneficial
- Measurable
- Educational/Outreach
- Cooperative Effort
- Greenhouse Gas Reduction





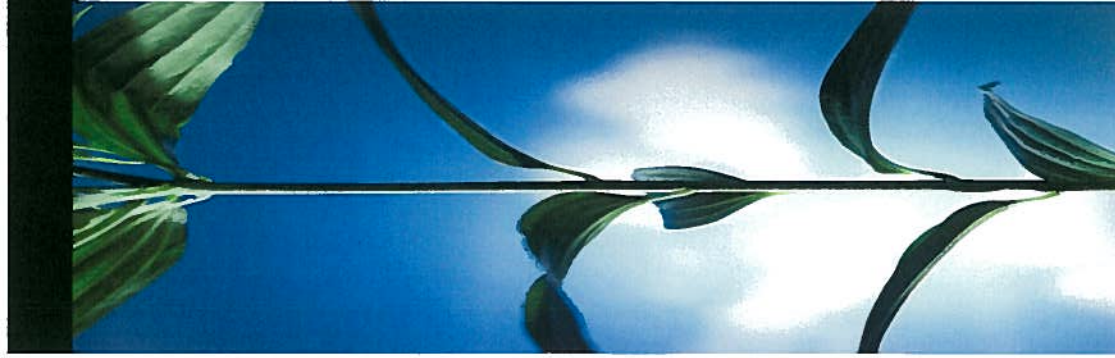
Marketing and Advertising

- Postcards Mail out
- Print Ads:
 - ABJ, Statesman, Chronicle
- Utility Bill Stuffer
- Email Blast
- Access Station Slides
- Web Tiles Links
- Street Crossing Banner
- Radio Ads
- Community Calendars
- Eco Networks
- City Web Site
- Newsletters
- Libraries
- Posters
- Neighborhood associations





Physical Awards



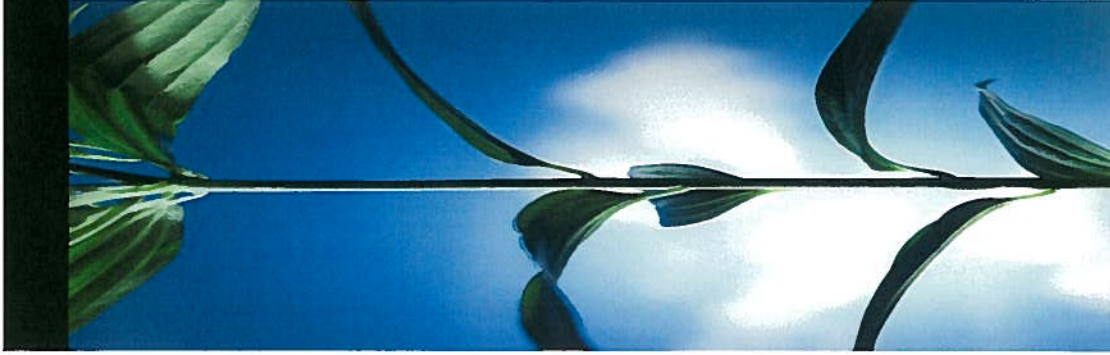
The group chose to contract with a local artist to develop a unique award from recycled materials.





Awards Ceremony

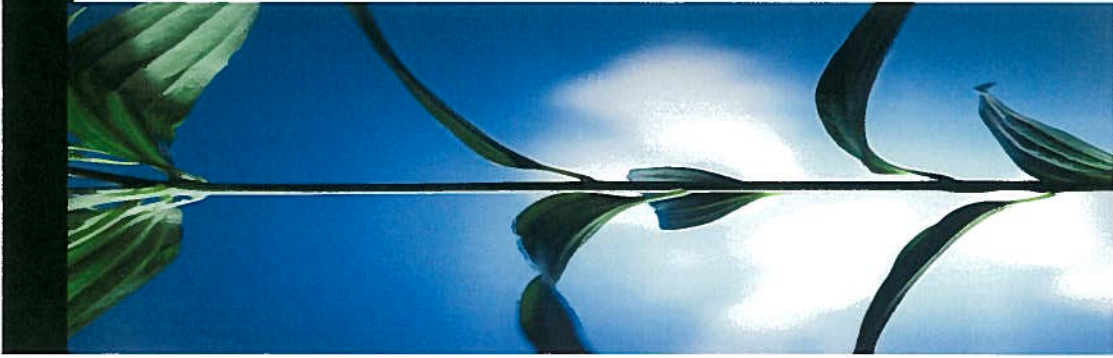
- Event confirmed on Earth Day at City Hall (April 22, 2010)
- Awards will be distributed during the proclamation portion of council meeting
- Reception will be held at City Hall after presentation of awards





Proposed Appreciation Plan

- Channel 8 interview
- Media Ad Announcements
 - ABJ, Chronicle, Statesman
- Spotlight on Channel Austin and other access stations
- Bill insert announcement
- Unique Trophy
- Web Acknowledgements
- Televised awards ceremony





Online Application System

Do you know a person or group making outstanding contributions toward the protection, conservation and improvement of Austin's environment?

Nominate them or yourself for the City of Austin Environmental Awareness Awards at:

www.coolaustin.org/awards



CITY OF AUSTIN

SOLID WASTE ADVISORY COMMISSION

GREENSTAR RCA

December 9, 2009

VOTE: 5-1-1

Motion made by: Rick Cofer

Seconded by: Fayez Kazi

Commissioners Consenting: Bob Schafer, Maydelle Fason, and Brent Perdue

Commissioners Dissenting: JD Porter

Commissioners Abstaining: Gerry Acuna

Commissioners Absent: None

The Solid Waste Advisory Commission recommends Council approve Greenstar Contract Amendment Option Three (3), to authorize staff to negotiate amendments to the contract but return to Council for execution of the contract with the following conditions; utilize the current contract audit procedures, to request Greenstar to specify the definition of market prices, and to obligate Greenstar to recycle all materials sent to them by the City of Austin.

CITY OF AUSTIN

SOLID WASTE ADVISORY COMMISSION

ZILKER PARK LANDFILL RCA

December 9, 2009

VOTE: 5-2-0

Motion made by: Rick Cofer

Seconded by: JD Porter

Commissioners Consenting: Gerry Acuna, Maydelle Fason and Brent Perdue

Commissioners Dissenting: Bob Schafer and Brent Perdue

Commissioners Abstaining: None

Commissioners Absent: None

The Solid Waste Advisory Commission recommends the item be reviewed by the Environmental Board and then return to the Solid Waste Advisory Commission for consideration. Commissioners would also like for staff to explain why this project is a priority for the City.

CITY OF AUSTIN

SOLID WASTE ADVISORY COMMISSION

KEEP AUSTIN BEAUTIFUL RCA

December 9, 2009

VOTE: 6-0-1

Motion made by: Rick Cofer

Seconded by: Faye Kazi

Commissioners Consenting: Bob Schafer, Maydelle Fason, Gerry Acuna, and JD Porter

Commissioners Dissenting: None

Commissioners Abstaining: Brent Perdue

Commissioners Absent: None

The Solid Waste Advisory Commission recommends Council Authorize negotiation and execution of a one year co-sponsorship agreement with Keep Austin Beautiful, Inc. for Educational, Clean-up, and Beautification Services in the amount of \$213,000 with optional annual renewals for up to ten years in the amount specified in the City's annual budget.