

REQUEST FOR BOARD ACTION

HENDERSON COUNTY BOARD OF COMMISSIONERS

MEETING DATE: August 14, 2007

SUBJECT: Annual Report
Solid Waste Advisory Committee

ATTACHMENTS: Current SWAC By-Laws

SUMMARY OF REQUEST:

The purpose of this agenda item is for the Solid Waste Advisory Committee to report to the Board of Commissioners on the Committee's work since the last report. This report will include a proposed By-Law change regarding the Committee's purpose and to provide information on the Household Hazardous Waste / Computer Recycling Event.

The proposed change to the By-Laws is as follows:

-draft- Purpose of the Solid Waste Advisory Committee, By-Laws Article II

Purpose As directed by the Henderson County Board of Commissioners (BOC), the Solid Waste Advisory Committee (SWAC) is to advise the BOC on issues pertaining to present and future solid waste and recycling programs and methods in Henderson County. In so doing, it is to:

- 1) Review and make recommendations to both short and long-term Solid Waste Management Plans prepared by the office of the County Engineer.*
- 2) Review and recommend programs and plans to assist in the control of litter.*
- 3) Provide updates to the BOC on recommended methods for the disposal of solid waste.*
- 4) Recommend programs, and assist in their development, for public education on issues pertaining to the disposal of solid waste and recycling, including the recycling of electronics and household hazardous waste.*
- 5) Continue to study and recommend improvements to county recycling programs, including their costs and possible funding sources.*

BOARD ACTION REQUESTED:

The Board is requested to consider the proposed change to the Committee's By-Laws regarding purpose.

Suggested Motion:

I move that the Board approve the proposed purpose for the Solid Waste Advisory Committee's By-Laws.

**BY LAWS
HENDERSON COUNTY
SOLID WASTE ADVISORY COMMITTEE**

Article I

Name - Henderson County Solid Waste Advisory Committee (SWAC)

Article II

Purpose - As directed by the Henderson County Board of Commissioners (BOC), to advise the BOC on issues pertaining to present and future solid waste programs in Henderson County. To review and approve the 3 Year Updates to the 10 Year Solid Waste Management Plan as prepared by the Office of the County Engineer. To work with the Solid waste Department on the enforcement of litter control programs. To provide updates to the BOC on current technology for the disposal of solid waste. To develop and make recommendations on other Solid Waste Programs as directed by the BOC.

Article III

Membership - Membership shall consist of a minimum of seven (7) residents of Henderson County will serve a three year staggered-term whereby one third of the membership may be appointed or reappointed each year. If for any reason a member must be replaced, the replacement member shall serve for the remainder of the unfilled term of the departing member. Members who miss three consecutive meetings without a good cause or are habitually absent will be subject to the removal and replacement. Each term will expire April 1, of the appropriate year.

Article IV

Officers and Duties - The Chairman will be appointed by the Board of Commissioners. He will chair all meetings and decide all points of order and procedure. A Vice Chairman shall be elected by the members of the committee and shall serve as acting Chairman in the absence of the Chairman and shall exercise the same duties as the Chairman.

Article V

Meetings - Meetings shall be held at the time, place and frequency determined by the Office of the County Engineer. Special meetings may be called by the Chairman at anytime provided a 48 hour notice is given to every member. Notice shall be given to the address or phone number listed on a register maintained by the Henderson County Board of Commissioners.

A quorum shall consist of 6 members of the SWAC.

Votes of a majority of those present shall be sufficient to decide any matter before the SWAC provided a quorum is present.

No recommendations from a subcommittee shall be taken to the Henderson County Board of Commissioners unless voted on by a majority of properly noticed quorum.

Article VI

Staff to the Committee - The Henderson County staff to this committee shall be the County Engineer.

SWAC Progress Report August 2007
prepared by Katie Breckheimer

The following is an account of the Henderson County Solid Waste Advisory Committee (SWAC) since it's last report in April 2006.

Proposal requested: In January 2006 SWAC was asked by the County Commissioners to study recycling and report back within 3 months. SWAC divided into 3 study groups: one to study waste education, one to evaluate recycling, and one to study household hazardous waste (HHW) and electronics waste (E-waste) collection.

Proposal denied: In April 2006 SWAC recommended that Henderson County budget \$811,000 annually to cover the collection (twice a month) of recyclables at curbside from 30,000 county households by a private collection company, for an annual household fee of \$27. The fees would also provide a recycling coordinator, a waste education budget, and an annual HHW/ E-waste event, as well as cover the cost of the recycling drop-off site at the transfer station. The recommendation was denied because it would be viewed as a tax increase.

Curbside recycling: Since April 2006 SWAC has continued to study recycling. It continues to believe that curbside collection is the most convenient way for citizens to recycle. The committee has discussed having the county's permitted waste haulers collect their customers' recyclables at curbside. This could be required of them either by permit guidelines or through a franchise agreement. The county can build a mini-transfer station for commercial recycling of this sort, or let the haulers work out a system of their own to get rid of the recycling they collect.

Meetings with Curbside Management Inc: In November 2006 representatives from Curbside Management Inc. (Woodfin) visited SWAC to discuss building a new recycling drop-off (a blue-bag transfer station) at Stoney Mtn. They felt sufficient quantities of recycling could not be collected without the county requiring haulers to pick it up. In January 2007 Curbside presented an estimate of \$1.5 million to build a recycling drop-off. They currently do not have that kind of capital. A public/private partnership on the venture was not discussed.

Recycling Coordinator: In March 2007 the County Manager approved a request to hire an Americorp (Project Conserve) member to work for a year as a recycling coordinator. Unfortunately, the host organization did not receive State funding for the program, and the position was not filled.

Household Hazardous Waste (HHW) and Electronic Waste (E-Waste) collection event: In May 2007 a successful HHW and E-waste event was held at the old Health Department facility on HWY 176. The County subcontracted the event to Land of Sky Regional Council. The vehicle count was 673. The event cost the county 12% more than what was budgeted partly because there was an energy surcharge added by ECOflow. Fewer electronics were collected than anticipated. A large volume of paint was collected, about a 50/50 mix of oil and latex. Eighty gallons were diverted by donating them to H'ville Little Theater.

Construction and Demolition Waste (C&D): The State granted the County an extension on the use of the Stoney Mountain C&D site until July 2008. Most likely, new requirements will be set for the disposal of this type of waste, and the county will have to make other (more-costly) arrangements.

Palmetto Landfill: The County now has a fixed-fuel contract with Waste Management to use their Palmetto Landfill site through 2010. Staff is considering the County's options beyond that point when the contract is up.

New Solid Waste Plan: The new 2007/08 budget allows for staff to put together a new solid waste plan. A consultant will be hired to look at the operations at the transfer station.

Stoney Mountain Transfer Station: A new tipping bay has been completed at the transfer station. The other original bay has been improved and is now open for private citizens to use.

Other community participation: Members of a citizens group, the Ad-Hoc Committee for Recycling Reform, have attended most monthly SWAC meetings. The committee has representatives from The League of Women Voters, ECO, H'ville Community Co-op, LOS's Waste Reduction Partners, and a homeowners association. They periodically make recommendations to SWAC. One in February 2007 asked the county to fund an Americorp position to serve as a Recycling Coordinator, that steps be taken to improve the recycling drop-off center at Stoney Mtn, and construct a second drop-off center somewhere in the county. The League of Women Voters and ECO sponsored a recycling forum at the library last year, and conducted a recycling survey at the 2006 Apple Festival. The results showed that 92% of the 451 county residents surveyed thought recycling should be a priority for Henderson County. ECO has done 2 library display cases on recycling in the past year.

Henderson HHW & Electronics Event 5/19/2007	DISPOSAL PRICE	UOM	ACTUAL VOLUME	ACTUAL COST	EST. VOLUME	EST. COST	VOLUME DELTA VS. EST.	COST DELTA VS. EST.	% DIFFERENCE E VS. EST.
Latex Paint for Landfill	\$ 0.35	lb	18733	\$ 6,556.55	25000	\$ 8,750.00	(6,267)	\$ (2,193.45)	74.9%
Oil Based Paint/Paint Related	\$ 0.89	lb	18857	\$ 16,782.73	15000	\$ 13,350.00	3,857	\$ 3,432.73	125.7%
Non-Hazardous Solids & Liquids (Non-Paint Related)	\$ 0.35	lb	4080	\$ 1,428.00		\$ -	4,080	\$ 1,428.00	
Flammable Liquids	\$ 70.00	55gal	4	\$ 280.00	10	\$ 700.00	(6)	\$ (420.00)	40.0%
Alkaline Materials	\$ 0.82	lb	1249	\$ 1,024.18	900	\$ 666.00	449	\$ 368.18	158.1%
Acidic Materials	\$ 0.82	lb	608	\$ 498.56	800	\$ 656.00	(192)	\$ (157.44)	76.0%
Oxidizers	\$ 325.00	30gal	1	\$ 325.00	2	\$ 650.00	(1)	\$ (325.00)	50.0%
Batteries, Alkaline	\$ 0.59	lb	302	\$ 179.18	100	\$ 59.00	202	\$ 119.18	302.0%
Batteries, Ni Cad	\$ 0.49	lb	11	\$ 5.37	100	\$ 49.00	(87)	\$ (42.63)	13.2%
Batteries, Lithium	\$ 0.59	lb	9	\$ 5.31	100	\$ 59.00	(91)	\$ (53.69)	9.0%
Aerosol Cans	\$ 1.00	lb	2011	\$ 2,011.00	500	\$ 500.00	1,511	\$ 1,511.00	402.2%
Flourescent Light Tubes <= 4'	\$ 0.46	ea	311	\$ 143.06	130	\$ 60.80	181	\$ 82.26	239.2%
Flourescnet Light Tubes, > 4'	\$ 0.84	ea	0	\$ -	60	\$ 51.20	(60)	\$ (51.20)	0.0%
SITE MOBILIZATION, LABOR & EQUIPMENT	\$ 10,400.00	ea	1	\$ 10,400.00		\$ 11,000.00		\$ (600.00)	94.5%
ENERGY SURCHARGE				\$ 4,182.89		\$ 2,557.80		\$ 1,625.09	192.7%
PROJECT TOTAL			45852	\$ 43,801.03		\$ 38,097.80		\$ 4,703.23	112.0%

Electronics Summary

Item Description	Qty	Net wt lbs
CPUs		4890
Monitors	288	8201
Printers		2850
UPS Backup		555
Sort		1352
TOTAL		17654

HHW	45,852 lbs
Electronics	17,654 lbs
Total weight	63,506 lbs
plus	
PLT	311 #
flam & oxid	8 gal

PARTICIPANTS	971
lbs/person	95 +

*add Exp of HHW
SAVE \$15000*