

GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2009

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SENATE BILL 887
Commerce Committee Substitute Adopted 5/12/09
House Committee Substitute Favorable 6/16/10
PROPOSED COMMITTEE SUBSTITUTE S887-PCS55630-RIF-68

Short Title: Amend Electronics Recycling Law.

(Public)

Sponsors:

Referred to:

March 26, 2009

1 A BILL TO BE ENTITLED
2 AN ACT TO: (1) MODIFY THE COMPUTER EQUIPMENT RECYCLING PLAN
3 REQUIREMENTS AND ASSOCIATED FEE IMPOSED ON MANUFACTURERS; AND
4 (2) MAKE FURTHER SUBSTANTIVE, CLARIFYING, TECHNICAL, AND
5 CONFORMING AMENDMENTS TO THE LAWS GOVERNING THE MANAGEMENT
6 OF DISCARDED COMPUTER EQUIPMENT AND DISCARDED TELEVISIONS, AS
7 RECOMMENDED BY THE ENVIRONMENTAL REVIEW COMMISSION.

8 The General Assembly of North Carolina enacts:

9 SECTION 1.(a) Sections 16.1 through 16.6 of S.L. 2007-550 are repealed.

10 SECTION 1.(b) S.L. 2008-208 is repealed.

11 SECTION 1.(c) Section 16 of S.L. 2009-484 is repealed.

12 SECTION 1.(d) Subsections (a) and (b) of Section 10 of S.L. 2009-550 are
13 repealed.

14 SECTION 1.(e) This section becomes effective July 1, 2010.

15 SECTION 2.(a) Article 9 of Chapter 130A of the General Statutes is amended by
16 adding a new Part to read:

17 "Part 2H. Discarded Computer Equipment and Television Management.

18 "§ 130A-309.130. Findings.

19 The General Assembly makes the following findings:

- 20 (1) The computer equipment and television waste stream is growing rapidly in
21 volume and complexity and can introduce toxic materials into solid waste
22 landfills.
- 23 (2) It is in the best interest of the citizens of this State to have convenient,
24 simple, and free access to recycling services for discarded computer
25 equipment and televisions.
- 26 (3) Collection programs operated by manufacturers and local government and
27 nonprofit agencies are an efficient way to divert discarded computer
28 equipment and televisions from disposal and to provide recycling services to
29 all citizens of this State.
- 30 (4) The development of local and nonprofit collection programs is hindered by
31 the high costs of recycling and transporting discarded computer equipment
32 and televisions.



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- 1 (5) No comprehensive system currently exists, provided either by electronics
2 manufacturers, retailers, or others, to adequately serve all citizens of the
3 State and to divert large quantities of discarded computer equipment and
4 televisions from disposal.
- 5 (6) Manufacturer responsibility is an effective way to ensure that manufacturers
6 of computer equipment and televisions take part in a solution to the
7 electronic waste problem.
- 8 (7) The recycling of certain discarded computer equipment and televisions
9 recovers valuable materials for reuse and will create jobs and expand the tax
10 base of the State.
- 11 (8) While some computers and computer monitors can be refurbished and
12 reused and other consumer electronics products contain valuable materials,
13 some older and bulkier consumer electronic products, including some
14 televisions, may not contain any valuable products but should nevertheless
15 be recycled to prevent the release of toxic substances to the environment.
- 16 (9) For the products covered by this Part, differences in product life expectancy,
17 market economics, residual value, and product portability necessitate
18 different approaches to recycling.
- 19 (10) In order to ensure that end-of-life computer equipment and televisions are
20 responsibly recycled, to promote conservation, and to protect public health
21 and the environment, a comprehensive and convenient system for recycling
22 and reuse of certain electronic equipment should be established on the basis
23 of shared responsibility among manufacturers, retailers, consumers, and the
24 State.

25 **§ 130A-309.131. Definitions.**

26 As used in this Part, the following definitions apply:

- 27 (1) Business entity. – Defined in G.S. 55-1-40(2a).
- 28 (2) Computer equipment. – Any desktop computer, notebook computer, monitor
29 or video display unit for a computer system, and the keyboard, mice, other
30 peripheral equipment, and a printing device such as a printer, a scanner, a
31 combination print-scanner-fax machine, or other device designed to produce
32 hard paper copies from a computer. Computer equipment does not include
33 an automated typewriter, professional workstation, server, ICI device, ICI
34 system, mobile telephone, portable handheld calculator, portable digital
35 assistant (PDA), MP3 player, or other similar device; an automobile; a
36 television; a household appliance; a large piece of commercial or industrial
37 equipment, such as commercial medical equipment, that contains a cathode
38 ray tube, a cathode ray tube device, a flat panel display, or similar video
39 display device that is contained within, and is not separate from, the larger
40 piece of equipment, or other medical devices as that term is defined under
41 the federal Food, Drug, and Cosmetic Act.
- 42 (3) Computer equipment manufacturer. – A person that manufactures or has
43 manufactured computer equipment sold under its own brand or label; sells or
44 has sold under its own brand or label computer equipment produced by other
45 suppliers; imports or has imported into the United States computer
46 equipment that was manufactured outside of the United States; or owns or
47 has owned a brand that it licenses or has licensed to another person for use
48 on computer equipment. Computer equipment manufacturer includes a
49 business entity that acquires another business entity that manufactures or has
50 manufactured computer equipment. Computer equipment manufacturer does

- 1 not include any existing person that does not and has not manufactured
2 computer equipment of the type that would be used by consumers.
- 3 (4) Consumer. – Any of the following:
- 4 a. An occupant of a single detached dwelling unit or a single unit
5 contained within a multiple dwelling unit who used a covered device
6 primarily for personal or home business use.
- 7 b. A nonprofit organization with fewer than 10 employees that used a
8 covered device in its operations.
- 9 (5) Covered device. – Computer equipment and televisions used by consumers
10 primarily for personal or home business use. The term does not include a
11 device that is any of the following:
- 12 a. Part of a motor vehicle or any component of a motor vehicle
13 assembled by, or for, a vehicle manufacturer or franchised dealer,
14 including replacement parts for use in a motor vehicle.
- 15 b. Physically a part of or integrated within a larger piece of equipment
16 designed and intended for use in an industrial, governmental,
17 commercial, research and development, or medical setting.
- 18 c. Equipment used for diagnostic, monitoring, or other medical
19 products as that term is defined under the federal Food, Drug, and
20 Cosmetic Act.
- 21 d. Equipment used for security, sensing, monitoring, antiterrorism
22 purposes, or emergency services purposes.
- 23 e. Contained within a household appliance, including, but not limited
24 to, a clothes washer, clothes dryer, refrigerator, refrigerator and
25 freezer, microwave oven, conventional oven or range, dishwasher,
26 room air conditioner, dehumidifier, air purifier, or exercise
27 equipment.
- 28 (6) Desktop computer. – An electronic, magnetic, optical, electrochemical, or
29 other high-speed data processing device that has all of the following
30 features:
- 31 a. Performs logical, arithmetic, and storage functions for general
32 purpose needs that are met through interaction with a number of
33 software programs contained in the computer.
- 34 b. Is not designed to exclusively perform a specific type of limited or
35 specialized application.
- 36 c. Achieves human interface through a stand-alone keyboard,
37 stand-alone monitor or other display unit, and a stand-alone mouse or
38 other pointing device.
- 39 d. Is designed for a single user.
- 40 e. Has a main unit that is intended to be persistently located in a single
41 location, often on a desk or on the floor.
- 42 (7) Discarded computer equipment. – Computer equipment that is solid waste
43 generated by a consumer.
- 44 (8) Discarded computer equipment or television collector. – A municipal or
45 county government, nonprofit agency, recycler, or retailer that knowingly
46 accepts for recycling discarded computer equipment or a television from a
47 consumer.
- 48 (9) Discarded television. – A television that is solid waste generated by a
49 consumer.
- 50 (10) Market share. – A television manufacturer's obligation to recycle discarded
51 televisions. A television manufacturer's market share is the television

1 manufacturer's prior year's sales of televisions as calculated by the
2 Department pursuant to G.S. 130A-309.138(4) divided by all manufacturers'
3 prior year's sales for all televisions as calculated by the Department pursuant
4 to G.S. 130A-309.138(4). Market share may be expressed as a percentage, a
5 fraction, or a decimal fraction.

6 (11) Notebook computer. – An electronic, magnetic, optical, electrochemical, or
7 other high-speed data processing device that has all of the following
8 features:

9 a. Performs logical, arithmetic, or storage functions for general purpose
10 needs that are met through interaction with a number of software
11 programs contained in the computer.

12 b. Is not designed to exclusively perform a specific type of limited or
13 specialized application.

14 c. Achieves human interface through a keyboard, video display greater
15 than four inches in size, and mouse or other pointing device, all of
16 which are contained within the construction of the unit that
17 comprises the computer.

18 d. Is able to be carried as one unit by an individual.

19 e. Is able to use external, internal, or batteries for a power source.

20 Notebook computer includes those that have a supplemental stand-alone
21 interface device attached to the notebook computer. Notebook computer
22 does not include a portable handheld calculator, a PDA, or similar
23 specialized device. A notebook computer may also be referred to as a laptop
24 computer.

25 (12) Recover. – The process of reusing or recycling covered devices.

26 (13) Recycle. – The processing, including disassembling, dismantling, and
27 shredding, of covered devices or their components to recover a usable
28 product. Recycle does not include any process that results in the incineration
29 of a covered device.

30 (14) Recycler. – A person that recycles covered devices.

31 (15) Retailer. – A person that sells computer equipment or televisions in the State
32 to a consumer. Retailer includes a computer equipment manufacturer or a
33 television manufacturer that sells directly to a consumer through any means,
34 including transactions conducted through sales outlets, catalogs, the Internet,
35 or any similar electronic means, but does not include a person that sells
36 computer equipment or televisions to a distributor or retailer through a
37 wholesale transaction.

38 (16) Television. – Any electronic device that contains a tuner that locks on to a
39 selected carrier frequency and is capable of receiving and displaying of
40 television or video programming via broadcast, cable, or satellite, including,
41 without limitation, any direct view or projection television with a viewable
42 screen of nine inches or larger whose display technology is based on cathode
43 ray tube (CRT), plasma, liquid crystal display (LCD), digital light
44 processing (DLP), liquid crystal on silicon (LCOS), silicon crystal reflective
45 display (SXR), light emitting diode (LED), or similar technology marketed
46 and intended for use by a consumer primarily for personal purposes. The
47 term does not include computer equipment.

48 (17) Television manufacturer. – A person that: (i) manufactures for sale in this
49 State a television under a brand that it licenses or owns; (ii) manufactures for
50 sale in this State a television without affixing a brand; (iii) resells into this
51 State a television under a brand it owns or licenses produced by other

1 suppliers, including retail establishments that sell a television under a brand
2 that the retailer owns or licenses; (iv) imports into the United States or
3 exports from the United States a television for sale in this State; (v) sells at
4 retail a television acquired from an importer that is the manufacturer as
5 described in sub-subdivision (iv) of this subdivision, and the retailer elects to
6 register in lieu of the importer as the manufacturer of those products; (vi)
7 manufactures a television for or supplies a television to any person within a
8 distribution network that includes wholesalers or retailers in this State and
9 that benefits from the sale in this State of the television through the
10 distribution network; or (vii) assumes the responsibilities and obligations of
11 a television manufacturer under this Part. In the event the television
12 manufacturer is one that manufactures, sells, or resells under a brand it
13 licenses, the licensor or brand owner of the brand shall not be considered to
14 be a television manufacturer under (i) or (iii) of this subdivision.

15 **"§ 130A-309.132. Responsibility for recycling discarded computer equipment and**
16 **televisions.**

17 In addition to the specific requirements of this Part, discarded computer equipment and
18 television collectors and computer equipment manufacturers and television manufacturers share
19 responsibility for the recycling of discarded computer equipment and televisions and the
20 education of citizens of the State as to recycling opportunities for discarded computer
21 equipment and televisions.

22 **"§ 130A-309.133. Data security.**

23 Computer equipment manufacturers, television manufacturers, discarded computer
24 equipment and television collectors, recyclers, and retailers shall not be liable in any way for
25 data or other information left on a covered device that is collected or recovered pursuant to the
26 provisions of this Part.

27 **"§ 130A-309.134. Requirements for computer equipment manufacturers.**

28 (a) Registration Required. – Each computer equipment manufacturer, before selling or
29 offering for sale computer equipment in North Carolina, shall register with the Department.

30 (b) Manufacturer Label Required. – A computer equipment manufacturer shall not sell
31 or offer to sell computer equipment in this State unless a visible, permanent label clearly
32 identifying the manufacturer of that equipment is affixed to the equipment.

33 (c) Computer Equipment Recycling Plan Required. – Each computer equipment
34 manufacturer shall develop, submit to the Department, and implement one of the following
35 plans to provide a free and reasonably convenient recycling program to take responsibility for
36 computer equipment discarded by consumers:

37 (1) Level I recycling plan. – A computer equipment manufacturer shall submit a
38 recycling plan for reuse or recycling of computer equipment discarded by
39 consumers in the State produced by the manufacturer. The manufacturer
40 shall submit a proposed plan to the Department within 90 days of
41 registration as required by subsection (a) of this section. The plan shall:

42 a. Provide that the manufacturer will take responsibility for computer
43 equipment discarded by consumers that it manufactured.

44 b. Describe any direct take-back program to be implemented by the
45 manufacturer. Collection methods that are deemed to meet the
46 requirements of this subdivision include one or more of the
47 following:

48 1. A process offered by the computer equipment manufacturer
49 or the manufacturer's designee for consumers to return
50 discarded computer equipment by mail.

- 1 2. A physical collection site operated and maintained by the
2 computer equipment manufacturer or the manufacturer's
3 designee to receive discarded computer equipment from
4 consumers, which is available to consumers during normal
5 business hours.
- 6 3. A collection event hosted by the computer equipment
7 manufacturer or the manufacturer's designee at which a
8 consumer may return computer equipment.
- 9 c. Include a detailed description as to how the manufacturer will
10 implement the plan.
- 11 d. Provide for environmentally sound management practices to
12 transport and recycle discarded computer equipment.
- 13 e. Include a consumer recycling education program on the laws
14 governing the recycling and reuse of discarded computer equipment
15 under this Part and on the methods available to consumers to comply
16 with those requirements. The manufacturer shall operate a toll-free
17 telephone number to answer questions from consumers about
18 computer recycling options.
- 19 (2) Level II recycling plan. – A computer equipment manufacturer shall submit
20 a recycling plan for reuse or recycling of computer equipment discarded by
21 consumers in the State produced by the manufacturer and by other
22 manufacturers. The manufacturer shall submit a proposed plan to the
23 Department within 90 days of registration as required by subsection (a) of
24 this section. The plan may offer additional options to collect other types of
25 electronic equipment that do not constitute discarded computer equipment,
26 as that term is defined under G.S. 130A-309.131, and may allow for
27 assessment of a nominal fee for collection of these other types of electronic
28 equipment that are not discarded computer equipment. The plan shall
29 include all of the elements set forth in subdivision (1) of subsection (c) of
30 this section. In addition the plan shall:
- 31 a. Provide that the manufacturer will take responsibility for computer
32 equipment discarded by consumers that was manufactured by other
33 manufacturers, as well as computer equipment that it manufactured.
- 34 b. Provide that the manufacturer shall: (i) maintain physical collection
35 sites to receive discarded computer equipment from consumers in the
36 10 most populated municipalities in the State. The physical collection
37 sites shall be available to consumers during normal business hours, at
38 a minimum; and (ii) host at least two collection events annually
39 within the State.
- 40 (3) Level III recycling plan. – A computer equipment manufacturer shall submit
41 a recycling plan for reuse or recycling of computer equipment discarded by
42 consumers in the State produced by the manufacturer and by other
43 manufacturers. The manufacturer shall submit a proposed plan to the
44 Department within 90 days of registration as required by subsection (a) of
45 this section. The plan may offer additional options to collect other types of
46 electronic equipment that do not constitute discarded computer equipment,
47 as that term is defined under G.S. 130A-309.131, and may allow for
48 assessment of a nominal fee for collection of these other types of electronic
49 equipment that are not discarded computer equipment. The plan shall
50 include all of the elements set forth in subdivision (1) of subsection (c) of
51 this section. In addition the plan shall:

- 1 a. Provide that the manufacturer will take responsibility for computer
2 equipment discarded by consumers that was manufactured by other
3 manufacturers, as well as computer equipment that it manufactured.
4 b. Provide that the manufacturer shall: (i) maintain physical collection
5 sites to receive discarded computer equipment from consumers in 50
6 of the State's counties, of which 10 of those counties shall be the
7 most populated counties in the State. The physical collection sites
8 shall be available to consumers during normal business hours, at a
9 minimum; and (ii) host at least two collection events annually within
10 the State.

11 (d) Fee Required. – Within 90 days of registration as required in subsection (a) of this
12 section, a computer equipment manufacturer shall pay an initial registration fee to the
13 Department. A computer equipment manufacturer that has registered shall pay an annual
14 renewal registration fee to the Department, which shall be paid each year no later than July 1.
15 The proceeds of these fees shall be credited to the Electronics Management Fund established
16 pursuant to G.S. 130A-309.137. A computer equipment manufacturer that sells 1,000 items of
17 computer equipment or fewer per year is exempt from the requirement to pay the registration
18 fee and the annual renewal fee imposed by this subsection. The amount of the fee a computer
19 equipment manufacturer shall pay shall be determined on the basis of the plan the manufacturer
20 develops, submits, and implements pursuant to subsection (c) of this section, as follows:

- 21 (1) A computer equipment manufacturer who develops, submits, and
22 implements a Level I recycling plan pursuant to subdivision (1) of
23 subsection (c) of this section shall pay an initial registration fee of fifteen
24 thousand dollars (\$15,000) and an annual renewal fee of fifteen thousand
25 dollars (\$15,000) to the Department.
26 (2) A computer equipment manufacturer who develops, submits, and
27 implements a Level II recycling plan pursuant to subdivision (2) of
28 subsection (c) of this section shall pay an initial registration fee of ten
29 thousand dollars (\$10,000) and an annual renewal fee of seven thousand five
30 hundred dollars (\$7,500) to the Department.
31 (3) A computer equipment manufacturer who develops, submits, and
32 implements a Level III recycling plan pursuant to subdivision (3) of
33 subsection (c) of this section shall pay an initial registration fee of ten
34 thousand dollars (\$10,000) and an annual renewal fee of two thousand five
35 hundred dollars (\$2,500) to the Department.

36 (e) Computer Equipment Recycling Plan Revision. – A computer equipment
37 manufacturer may prepare a revised plan and submit it to the Department at any time as the
38 manufacturer considers appropriate in response to changed circumstances or needs. The
39 Department may require a manufacturer to revise or update a plan if the Department finds that
40 the plan is inadequate or out of date.

41 (f) Payment of Costs for Plan Implementation. – Each computer equipment
42 manufacturer is responsible for all costs associated with the development and implementation
43 of its plan. A computer equipment manufacturer shall not collect a fee from a consumer or a
44 local government for the management of discarded computer equipment at the time the
45 equipment is delivered for recycling.

46 (g) Joint Computer Equipment Recycling Plans. – A computer equipment manufacturer
47 may fulfill the requirements of subsection (c) of this section by participation in a joint recycling
48 plan with other manufacturers. A joint plan shall meet the requirements of subsection (c) of this
49 section.

50 (h) Annual Report. – Each computer equipment manufacturer shall submit a report to
51 the Department by October 1 of each year stating the total weight of all computer equipment

1 collected for recycling or reuse in the previous fiscal year. The report shall also include a
2 summary of actions taken to comply with the requirements of subsection (c) of this section.

3 **"§ 130A-309.135. Requirements for television manufacturers.**

4 (a) Registration and Fee Required. – Each television manufacturer, before selling or
5 offering for sale televisions in the State, shall register with the Department and, at the time of
6 registration, shall pay an initial registration fee of two thousand five hundred dollars (\$2,500) to
7 the Department. An initial registration shall be valid from the day of registration through the
8 last day of the fiscal year in which the registration fee was paid. A television manufacturer that
9 has registered shall pay an annual renewal registration fee of two thousand five hundred dollars
10 (\$2,500) to the Department. The annual renewal registration fee shall be paid to the Department
11 each fiscal year no later than June 30 of the previous fiscal year. The proceeds of these fees
12 shall be credited to the Electronics Management Fund. A television manufacturer that sells
13 1,000 televisions or fewer per year is exempt from the requirement to pay the registration fee
14 and the annual renewal fee imposed by this subsection.

15 (b) Manufacturer Label Required. – A television manufacturer shall not sell or offer to
16 sell any television in this State unless a visible, permanent label clearly identifying the
17 manufacturer of that device is affixed to the equipment.

18 (c) Recycling of Market Share Required. – The obligation to recycle televisions shall be
19 allocated to each television manufacturer based on the television manufacturer's market share.
20 A television manufacturer must annually recycle or arrange for the recycling of its market share
21 of televisions pursuant to this section.

22 (d) Due Diligence and Compliance Assessments. – A television manufacturer shall
23 conduct and document due diligence assessments of the recyclers the manufacturer contracts
24 with, including an assessment of compliance with environmentally sound recovery standards
25 adopted by the Department.

26 (e) Contact Information Required. – A television manufacturer shall provide the
27 Department with contact information for the manufacturer's designated agent or employee
28 whom the Department may contact for information related to the manufacturer's compliance
29 with the requirements of this section.

30 (f) Joint Television Recycling Plans. – A television manufacturer may fulfill the
31 requirements of this section either individually or in participation with other television
32 manufacturers.

33 (g) Annual Report. – A television manufacturer shall report to the Department by
34 October 1 of each year the total weight of televisions the manufacturer collected and recycled
35 in the State during the previous fiscal year.

36 **"§ 130A-309.136. Requirements applicable to retailers.**

37 (a) A manufacturer must not sell or offer for sale or deliver to retailers for subsequent
38 sale new computer equipment or televisions unless: (i) the covered device is labeled with the
39 manufacturer's brand, which label is permanently affixed and readily visible; and (ii) the
40 manufacturer has filed a registration with the Department and is otherwise in compliance with
41 the requirements of this Part, as indicated on the list developed and maintained by the
42 Department pursuant to G.S. 130A-309.138(1).

43 (b) A retailer that sells or offers for sale new computer equipment or televisions must:
44 (i) determine that all new covered devices that the retailer is offering for sale are labeled with
45 the manufacturer's brand, which label is permanently affixed and readily visible; and (ii) review
46 the Department's Web site to confirm that the manufacturer of a new covered device is on the
47 list developed and maintained by the Department pursuant to G.S. 130A-309.138(1).

48 (c) A retailer is not responsible for an unlawful sale under this section if the
49 manufacturer's registration expired or was revoked and the retailer took possession of the
50 covered device prior to the expiration or revocation of the manufacturer's registration and the
51 unlawful sale occurred within six months after the expiration or revocation.

1 **"§ 130A-309.137. Electronics Management Fund.**

2 (a) Creation. – The Electronics Management Fund is created as a special fund within
3 the Department. The Fund consists of revenue credited to the Fund from the proceeds of the fee
4 imposed on computer equipment manufacturers under G.S. 130A-309.134 and television
5 manufacturers under G.S. 130A-309.135.

6 (b) Use and Distribution. – Moneys in the Fund shall be used by the Department to
7 implement the provisions of this Part concerning discarded computer equipment and
8 televisions. The Department may use all of the proceeds of the fee imposed on television
9 manufacturers pursuant to G.S. 130A-309.135 and may use up to ten percent (10%) of the
10 proceeds of the fee imposed on computer equipment manufacturers under G.S. 130A-309.134
11 for administration of the requirements of this Part. Funds remaining shall be distributed
12 annually by the Department to eligible local governments pursuant to this section. The
13 Department shall distribute such funds on or before February 15 of each year. Funds shall be
14 distributed on a pro rata basis.

15 (c) Eligibility. – Except as provided in subsection (d) of this section, no more than one
16 unit of local government per county, including the county itself, may receive funding pursuant
17 to this section for a program to manage discarded computer equipment, televisions, and other
18 electronic devices. In order to be eligible for funding, a unit of local government shall:

19 (1) Submit a comprehensive solid waste management plan required pursuant to
20 G.S. 130A-309.09A, amended as necessary to include the following
21 information:

22 a. Information on existing programs within the jurisdiction to recycle or
23 reuse discarded computer equipment, televisions, and other
24 electronic devices, or information on a plan to begin such a program
25 on a date certain. This information shall include a description of the
26 implemented or planned practices for collection of the equipment and
27 a description of the types of equipment to be collected and how the
28 equipment will be marketed for recycling.

29 b. Information on a public awareness and education program
30 concerning the recycling and reuse of discarded computer equipment,
31 televisions, and other electronic devices.

32 c. Information on methods to track and report total tonnage of computer
33 equipment, televisions, and other electronic devices collected and
34 recycled in the jurisdiction.

35 d. Information on interactions with other units of local government to
36 provide or receive services concerning disposal of discarded
37 computer equipment, televisions, and other electronic devices.

38 e. Information on how the unit of local government will account for the
39 expenditure of funds received pursuant to this section.

40 (2) Establish a separate local budget account for the receipt and expenditure of
41 funds received pursuant to this section.

42 (3) Contract with a recycler that is certified as adhering to Responsible
43 Recycling ('R2') practices or that is certified as an e-Steward recycler
44 adhering to the e-Stewards Standard for Responsible Recycling and Reuse of
45 Electronic Equipment® to process the discarded computer equipment,
46 televisions, and other electronic devices that the unit of local government
47 collects.

48 (d) Local Government Designation. – If more than one unit of local government in a
49 county, including the county itself, requests funding pursuant to this section, the units of local
50 government in question may: (i) enter into interlocal agreements for provision of services
51 concerning disposal of discarded computer equipment and televisions, and distribution of funds

1 received pursuant to this section among the parties to the agreement; or (ii) submit separate and
2 distinct comprehensive solid waste management plans pursuant to G.S. 130A-309.09A, with
3 the information set forth in sub-subdivisions a. through e. of subdivision (1) of subsection (c) of
4 this section. In the case of (ii), the Department shall distribute funds to the local governments
5 determined to be eligible based on the percentage of the county's population to be served under
6 each eligible local government's program.

7 (e) Report. – Information regarding permanent recycling programs for discarded
8 computer equipment and televisions for which funds are received pursuant to this section, and
9 information on operative interlocal agreements executed in conjunction with funds received, if
10 any, shall be included in the annual report required under G.S. 130A-309.09A.

11 **"§ 130A-309.138. Responsibilities of the Department.**

12 In addition to its other responsibilities under this Part, the Department shall:

- 13 (1) Develop and maintain a current list of manufacturers that are in compliance
14 with the requirements of G.S. 130A-309.134 and G.S. 130A-309.135, post
15 the list to the Department's Web site, and provide the current list to the
16 Office of Information Technology Services each time that the list is updated.
- 17 (2) Develop and implement a public education program on the laws governing
18 the recycling and reuse of discarded computer equipment and televisions
19 under this Part and on the methods available to consumers to comply with
20 those requirements. The Department shall make this information available
21 on the Internet and shall provide technical assistance to manufacturers to
22 meet the requirements of G.S. 130A-309.134(c)(1)e. The Department shall
23 also provide technical assistance to units of local government on the
24 establishment and operation of discarded computer equipment and television
25 collection centers and in the development and implementation of local public
26 education programs.
- 27 (3) Maintain the confidentiality of any information that is required to be
28 submitted by a manufacturer under this Part that is designated as a trade
29 secret, as defined in G.S. 66-152(3) and that is designated as confidential or
30 as a trade secret under G.S. 132-1.2.
- 31 (4) The Department shall use national televisions sales data available from
32 commercially available analytical sources to calculate the generation of
33 discarded televisions and to determine each television manufacturer's
34 recovery responsibilities for televisions based on the manufacturer's market
35 share. The Department shall extrapolate data for the State from national data
36 on the basis of the State's share of the national population.

37 **"§ 130A-309.139. Enforcement.**

38 This Part may be enforced as provided by Part 2 of Article 1 of this Chapter.

39 **"§ 130A-309.140. Annual report.**

40 No later than January 15 of each year, the Department shall submit a report on the recycling
41 of discarded computer equipment and televisions in the State under this Part to the
42 Environmental Review Commission. The report must include an evaluation of the recycling
43 rates in the State for discarded computer equipment and televisions, a discussion of compliance
44 and enforcement related to the requirements of this Part, and any recommendations for any
45 changes to the system of collection and recycling of discarded computer equipment, televisions,
46 or other electronic devices.

47 **"§ 130A-309.141. Local government authority not preempted.**

48 Nothing in this Part shall be construed as limiting the authority of any local government to
49 manage computer equipment and televisions that are solid waste."

50 **SECTION 2.(b)** This section becomes effective August 1, 2010, except that: (i) the
51 first annual report due under G.S. 130A-309.134(h) is due October 1, 2011; (ii)

1 G.S. 130A-309.136 becomes effective July 1, 2011; (iii) changes required to comprehensive
2 solid waste management plans in accordance with G.S. 130A-309.137 shall be submitted to the
3 Department of Environment and Natural Resources on or before December 31, 2010; and (iv)
4 G.S. 130A-309.137(c)(3) becomes effective January 1, 2013.

5 **SECTION 3.(a)** G.S. 130A-309.09A(b)(6) is amended by adding a new
6 sub-subdivision to read:

7 "(6) Include an assessment of current programs and a description of intended
8 actions with respect to:

9 ...

10 e. For each county and each municipality with a population in excess of
11 25,000, collection of discarded computer equipment and televisions,
12 as defined in G.S. 130A-309.131."

13 **SECTION 3.(b)** G.S. 130A-309.09A(d) is amended by adding a new subdivision
14 to read:

15 "(d) In order to assess the progress in meeting the goal set out in G.S. 130A-309.04, each
16 unit of local government shall report to the Department on the solid waste management
17 programs and waste reduction activities within the unit of local government by 1 September of
18 each year. At a minimum, the report shall include:

19 ...

20 (8) Information regarding permanent recycling programs for discarded computer
21 equipment and televisions for which funds are received pursuant to
22 G.S. 130A-309.137, and information on operative interlocal agreements
23 executed in conjunction with funds received, if any."

24 **SECTION 3.(c)** This section becomes effective August 1, 2010.

25 **SECTION 4.(a)** G.S. 130A-309.10(f) is amended by adding two new subdivisions
26 to read:

27 "(f) No person shall knowingly dispose of the following solid wastes in landfills:

28 (1) Repealed by Session Laws 1991, c. 375, s. 1.

29 (2) Used oil.

30 (3) Yard trash, except in landfills approved for the disposal of yard trash under
31 rules adopted by the Commission. Yard trash that is source separated from
32 solid waste may be accepted at a solid waste disposal area where the area
33 provides and maintains separate yard trash composting facilities.

34 (4) White goods.

35 (5) Antifreeze (ethylene glycol).

36 (6) Aluminum cans.

37 (7) Whole scrap tires, as provided in G.S. 130A-309.58(b). The prohibition on
38 disposal of whole scrap tires in landfills applies to all whole pneumatic
39 rubber coverings, but does not apply to whole solid rubber coverings.

40 (8) Lead-acid batteries, as provided in G.S. 130A-309.70.

41 (9) Beverage containers that are required to be recycled under G.S. 18B-1006.1.

42 (10) Motor vehicle oil filters.

43 (11) Recyclable rigid plastic containers that are required to be labeled as provided
44 in subsection (e) of this section, that have a neck smaller than the body of the
45 container, and that accept a screw top, snap cap, or other closure. The
46 prohibition on disposal of recyclable rigid plastic containers in landfills does
47 not apply to rigid plastic containers that are intended for use in the sale or
48 distribution of motor oil or pesticides.

49 (12) Wooden pallets, except that wooden pallets may be disposed of in a landfill
50 that is permitted to only accept construction and demolition debris.

51 (13) Oyster shells.

1 (14) Discarded computer equipment, as defined in G.S. 130A-309.131.

2 (15) Discarded televisions, as defined in G.S. 130A-309.131."

3 **SECTION 4.(b)** G.S. 130A-309.10(f1) is amended by adding two new
4 subdivisions to read:

5 "(f1) No person shall knowingly dispose of the following solid wastes by incineration in
6 an incinerator for which a permit is required under this Article:

7 (1) Antifreeze (ethylene glycol) used solely in motor vehicles.

8 (2) Aluminum cans.

9 (3) Repealed by Session Laws 1995 (Regular Session, 1996), c. 594, s. 17.

10 (4) White goods.

11 (5) Lead-acid batteries, as provided in G.S. 130A-309.70.

12 (6) Beverage containers that are required to be recycled under G.S. 18B-1006.1.

13 (7) Discarded computer equipment, as defined in G.S. 130A-309.131.

14 (8) Discarded televisions, as defined in G.S. 130A-309.131."

15 **SECTION 4.(c)** This section becomes effective July 1, 2011.

16 **SECTION 5.(a)** Part 4 of Article 3D of Chapter 147 of the General Statutes is
17 amended by adding a new section to read:

18 **"§ 147-33.104A. Purchase by State agencies and governmental entities of certain**
19 **computer equipment and televisions prohibited.**

20 (a) The exemptions set out in G.S. 147-33.80 do not apply to this section.

21 (b) No State agency, political subdivision of the State, or other public body shall
22 purchase computer equipment or televisions, as defined in G.S. 130A-309.131, or enter into a
23 contract with any manufacturer that the Secretary determines is not in compliance with the
24 requirements of G.S. 130A-309.134 or G.S. 130A-309.135 as determined from the list provided
25 by the Department of Environment and Natural Resources pursuant to G.S. 130A-309.138. The
26 Secretary shall issue written findings upon a determination of noncompliance. A determination
27 of noncompliance by the Secretary is reviewable under Article 3 of Chapter 150B of the
28 General Statutes.

29 (c) The Office of Information Technology Services shall make the list available to
30 political subdivisions of the State and other public bodies. A manufacturer that is not in
31 compliance with the requirements of G.S. 130A-309.134 or G.S. 130A-309.135 shall not sell or
32 offer for sale computer equipment or televisions to the State, a political subdivision of the
33 State, or other public body."

34 **SECTION 5.(b)** This section becomes effective August 1, 2010.

35 **SECTION 6.** The Environmental Review Commission, with the assistance of the
36 Department of Environment and Natural Resources, shall conduct a study to determine the
37 feasibility of requiring recycling of: (i) computer equipment discarded by small businesses; and
38 (ii) other electronic equipment, including, but not limited to: automated typewriters,
39 professional workstations, servers, ICI devices, ICI systems, mobile telephones, portable
40 handheld calculators, PDAs, MP3 players, copy machines, VCRs, stereos, radios, tape players,
41 CD players, telephones, fax machines, electronic games, power and network cables, network
42 hubs, switching boxes, controllers, modems, docking stations, CD-ROMs, hard drives, printed
43 circuit boards, uninterruptible power supplies, routers, and rechargeable batteries. The
44 Environmental Review Commission, with the assistance of the Department of Environment and
45 Natural Resources, shall also study the fee structure for computer manufacturers imposed under
46 this act. The Environmental Review Commission shall report its findings and
47 recommendations, including any legislative proposals, to the 2011 Regular Session of the
48 General Assembly upon its convening.

49 **SECTION 7.** The Environmental Review Commission, with the assistance of the
50 Department of Environment and Natural Resources, shall monitor and review electronic

1 recycling programs in other states on an ongoing basis and shall report its findings and
2 recommendations to the General Assembly periodically.

3 **SECTION 8.** Notwithstanding the provisions of G.S. 130A-309.136, as enacted by
4 Section 2 of this act, during the first year after the effective date of this act, the Department
5 shall not initiate an enforcement action against a retailer for a first violation of
6 G.S. 130A-309.136. The Department shall, however, issue a notice of violation to the retailer in
7 conjunction with the first violation.

8 **SECTION 9.** Sections 6, 7, 8, and 9 of this act are effective when they become
9 law.