

1 S.34

2 Introduced by Senators Lyons, MacDonald and McCormack

3 Referred to Committee on Natural Resources and Energy

4 Date: January 28, 2011

5 Subject: Conservation; solid waste; mercury management; mercury lamps

6 Statement of purpose: This bill proposes to require manufacturers of  
7 mercury-containing lamps to implement a collection and disposal program.

8 An act relating to the collection and disposal of mercury-containing lamps

9 It is hereby enacted by the General Assembly of the State of Vermont:

10 ~~Sec. 1. 10 V.S.A. chapter 164A is added to read:~~

11 ~~CHAPTER 164A. COLLECTION AND DISPOSAL OF~~

12 ~~MERCURY-CONTAINING LAMPS~~

13 ~~§ 7151. DEFINITIONS~~

14 ~~As used in this chapter:~~

15 ~~(1) "Agency" means the agency of natural resources.~~

16 ~~(2) "Covered entity" means any household, charity, or school district in the~~  
17 ~~state or a business in the state that employs ten or fewer individuals.~~

18 ~~(3) "Lamp" means an electric lamp, including mercury-containing lamps,~~  
19 ~~incandescent lamps, halogen lamps, and light emitting diode lamps.~~

1 ~~(4) "Manufacturer" means a person who:~~

2 ~~(A) Manufactures or manufactured a mercury-containing lamp under its~~  
3 ~~own brand or label for sale in the state;~~

4 ~~(B) Sells in the state under its own brand or label a mercury-containing~~  
5 ~~lamp produced by another supplier;~~

6 ~~(C) Owns a brand that it licenses or licensed to another person for use on~~  
7 ~~a mercury-containing lamp sold in the state;~~

8 ~~(D) Imports into the United States for sale in the state a~~  
9 ~~mercury-containing lamp manufactured by a person without a presence in the~~  
10 ~~United States;~~

11 ~~(E) Manufactures a mercury-containing lamp for sale in the state~~  
12 ~~without affixing a brand name; or~~

13 ~~(F) Assumes the responsibilities, obligations, and liabilities of a~~  
14 ~~manufacturer as defined under subdivisions (A) through (E) of this subdivision~~  
15 ~~(4), provided that the secretary may enforce the requirements of this chapter~~  
16 ~~against a manufacturer defined under subdivisions (A) through (E) of this~~  
17 ~~subdivision (4) if a person who assumes the manufacturer's responsibilities fails to~~  
18 ~~comply with the requirements of this chapter.~~

19 ~~(5) "Mercury-containing lamp" means a lamp to which mercury is~~  
20 ~~intentionally added during the manufacturing process, including linear~~  
21 ~~fluorescent, compact fluorescent, black light, high-intensity discharge,~~  
22 ~~ultraviolet, and neon lamps.~~

1 ~~(6) "Program year" means the period from July 1 through June 30.~~

2 (7) "Retailer" means a person who sells a mercury-containing lamp to a  
3 person in the state through any means, including a sales outlet, a catalogue, the  
4 telephone, the Internet, or any electronic means.

5 (8) "Secretary" means the secretary of natural resources.

6 (9) "Sell" or "sale" means any transfer for consideration of title or of the  
7 right to use by lease or sales contract a mercury-containing lamp to a person in the  
8 state of Vermont. "Sell" or "sale" does not include the sale, resale, lease, or  
9 transfer of a used mercury-containing lamp or a manufacturer's or a distributor's  
10 wholesale transaction with a distributor or a retailer.

11 § 7152. SALE OF MERCURY-CONTAINING LAMPS

12 Sale prohibited. Beginning on July 1, 2012, except as set forth under  
13 section 7155 of this title, a manufacturer of a mercury-containing lamp shall  
14 not sell, offer for sale, or deliver to a retailer for subsequent sale a  
15 mercury-containing lamp unless all the following have been met:

16 (1) The manufacturer is implementing an approved collection plan;

17 (2) The manufacturer has paid its annual registration fee under section 7158  
18 of this title;

19 (3) The name of the manufacturer and the manufacturer's brand are  
20 designated on the agency of natural resources' website as covered by an approved  
21 plan.

1 ~~(4) The manufacturer has submitted an annual report under section 7153 of~~  
2 ~~this title;~~

3 ~~(5) The manufacturer has conducted a plan audit consistent with the~~  
4 ~~requirements of subsection 7153(b) of this title; and~~

5 ~~(6) The manufacturer has demonstrated that no alternative non-mercury~~  
6 ~~energy efficient lamp is available that provides the same or better overall~~  
7 ~~performance at a cost equal to or better than the classes of lamps that the~~  
8 ~~manufacturer proposes to sell.~~

9 § 7153. ANNUAL REPORT; PLAN AUDIT

10 (a) Annual report. At the end of each program year, a manufacturer of a  
11 mercury-containing lamp shall submit an annual report to the secretary that  
12 contains the following:

13 (1) a description of the collection program;

14 (2) an estimate of the number of mercury-containing lamps available for  
15 collection and the methodology used to develop this number. Sales data and other  
16 confidential business information provided under this section shall not be subject  
17 to inspection and review pursuant to subchapter 3 of chapter 5 of Title 1 (access to  
18 public records). Confidential information shall be redacted from any final public  
19 report.

20 (3) the steps that the manufacturer has taken during the past program year  
21 to improve the collection rate and life cycle performance of mercury-containing  
22 lamps.

1 ~~(b) Plan audit. Two years after the initial plan approval and every two years~~  
2 ~~thereafter, the manufacturer shall hire an independent third party to audit the plan~~  
3 ~~and plan implementation. The auditor shall examine the effectiveness of the~~  
4 ~~program in collecting and disposing of mercury-containing lamps. The auditor~~  
5 ~~shall examine the cost-effectiveness of the program and compare it to that of~~  
6 ~~collection programs for mercury-containing lamps in other jurisdictions. The~~  
7 ~~auditor shall make recommendations to the secretary on ways to increase program~~  
8 ~~efficacy and cost-effectiveness.~~

9 § 7154. COLLECTION PLANS

10 (a) Collection plan required. Prior to February 1, 2012, a manufacturer  
11 shall submit a collection plan to the secretary for review. At a minimum, the  
12 collection plan shall meet the following requirements:

13 (1) Collection of mercury-containing lamps. The collection plan shall  
14 provide for free collection and transportation of mercury-containing lamps  
15 from any municipal collection program and from a retailer that, as of July 1,  
16 2011, sells a brand of the manufacturer's mercury-containing lamps, provided  
17 that:

18 (A) The manufacturer identifies in the collection plan:

19 (i) all municipal sites and retailers serving as collection points for  
20 the manufacturer's brands; and

21 (ii) at least two municipal sites or retailers per county where  
22 collection shall occur. If a manufacturer fails to identify two collection sites in

1 ~~a county, the manufacturer shall identify two additional collection activities in~~  
2 that county. Additional collection activities may include reverse distribution  
3 and collection of a product and collection events.

4 (B) A manufacturer shall accept all mercury-containing lamps  
5 collected by municipal sites and retailers and shall not refuse the collection of a  
6 mercury-containing lamp based on the brand or manufacturer of the  
7 mercury-containing lamp.

8 (C) The collection and disposal of mercury-containing lamps shall be  
9 free of cost to the consumer at the time of collection.

10 (2) Public education and outreach. The collection plan shall include an  
11 education and outreach program that may include media advertising, retail  
12 displays, articles in trade and other journals and publications, and other public  
13 educational efforts. At a minimum, the education and outreach program shall  
14 notify the public of the following:

15 (A) that there is a free collection program for mercury-containing  
16 lamps;

17 (B) the location of collection points and how a covered entity can  
18 access this collection program; and

19 (C) the special handling considerations associated with  
20 mercury-containing lamps.

1 ~~(3) Compliance with appropriate environmental standards. In~~  
2 ~~implementing a collection plan, a manufacturer shall comply with all~~  
3 ~~applicable laws related to the collection, transportation, and disposal of~~  
4 ~~mercury-containing lamps. A manufacturer shall comply with any special~~  
5 ~~handling or disposal standards established by the secretary for a~~  
6 ~~mercury-containing lamp or for the collection plan of the manufacturer.~~

7 (b) Term of collection plan. A collection plan approved by the secretary  
8 under section 7156 of this title shall have a term of five years, provided that the  
9 manufacturer remains in compliance with the requirements of this chapter and  
10 the terms of the approved plan.

11 § 7155. STEWARDSHIP ORGANIZATIONS

12 (a) Participation in a stewardship organization. A manufacturer may meet the  
13 requirements of this chapter by participating in a stewardship organization that  
14 undertakes the manufacturer's responsibilities under sections 7152, 7153, and  
15 7154 of this title.

16 (b) Qualifications for a stewardship organization. To qualify as a  
17 stewardship organization under this chapter, an organization shall:

18 (1) Commit to assume the responsibilities, obligations, and liabilities of  
19 all manufacturers participating in the stewardship organization;

20 (2) Represent at least 45 percent of the market share of  
21 mercury-containing lamps sold in the state;

1 ~~(3) Not create unreasonable barriers for participation in the stewardship~~  
2 ~~organization; and~~

3 ~~(4) Maintain a public website that lists all manufacturers and~~  
4 ~~manufacturers' brands covered by the stewardship organization's approved~~  
5 ~~collection plan.~~

6 ~~(c) Exemption from antitrust provisions. A stewardship organization and~~  
7 ~~manufacturers participating in a stewardship organization subject to the~~  
8 ~~requirements of this chapter may engage in anticompetitive conduct to the~~  
9 ~~extent necessary to develop and implement the collection plan required by this~~  
10 ~~chapter. A stewardship organization or a manufacturer participating within a~~  
11 ~~stewardship organization that is engaged in anticompetitive conduct under this~~  
12 ~~subsection shall be immune from liability for conduct under state laws relating~~  
13 ~~to antitrust, restraint of trade, unfair trade practices, and other regulation of~~  
14 ~~trade or commerce if the stewardship organization is exercising due diligence~~  
15 ~~to comply with the requirements of this chapter.~~

16 § 7156. AGENCY RESPONSIBILITIES

17 ~~(a) Review and approve collection plans. The secretary shall review and~~  
18 ~~approve or deny collection plans submitted under section 7154 of this title.~~  
19 ~~The secretary shall approve a collection plan if the secretary finds that the plan:~~

20 ~~(1) complies with the requirements of subsection 7154(a) of this title.~~



1 ~~(2) provides adequate notice to the public of the collection opportunities~~  
2 available for mercury-containing lamps.

3 (3) ensures that collection of mercury-containing lamps will occur in an  
4 environmentally sound fashion that is consistent with the law or with any  
5 special handling requirements adopted by the secretary.

6 (4) promotes the collection and disposal of mercury-containing lamps.

7 (b) Plan amendment. The secretary, in his or her discretion or at the  
8 request of a manufacturer or a stewardship organization, may require a  
9 manufacturer or a stewardship organization to amend an approved plan. Plan  
10 amendments shall be subject to the public input provisions of subsection (c) of  
11 this section.

12 (c) Public input. The agency shall establish a process under which a  
13 collection plan for a mercury-containing lamp is, prior to plan approval or  
14 amendment, available for public review and comment for 30 days. In  
15 establishing such a process, the agency shall consult with interested persons,  
16 including manufacturers, environmental groups, wholesalers, retailers,  
17 municipalities, and solid waste districts.

18 (d) Special handling requirements. The secretary may adopt by rule,  
19 special handling requirements for the collection, transport, and disposal of  
20 mercury-containing lamps.

1 ~~(c) Approved plans; Internet posting. The secretary shall post on the~~  
2 ~~agency website all manufacturers and manufacturers' brands that are covered~~  
3 ~~under an approved plan. For stewardship organizations, the agency may link~~  
4 ~~to the list of manufacturers and manufacturers' brands on the stewardship~~  
5 ~~organization's website.~~

6 § 7157. RETAILER OBLIGATIONS

7 (a) Sale prohibited. No retailer shall sell or offer for sale a  
8 mercury-containing lamp unless the retailer has reviewed the agency website  
9 required in subsection 7156(e) of this title to determine that the manufacturer  
10 of the mercury-containing lamp is implementing an approved collection plan  
11 or is a member of a stewardship organization.

12 (b) Expiration or revocation of manufacturer registration. A retailer shall  
13 not be responsible for an unlawful sale of a mercury-containing lamp under  
14 this subsection if:

- 15 (1) the manufacturer's collection plan expired or was revoked; and  
16 (2) the retailer took possession of the mercury-containing lamp prior to  
17 the expiration or revocation of the manufacturer's collection plan, and the  
18 unlawful sale occurred within six months of the expiration or revocation of the  
19 collection plan.

1 § 7158. FEES

2 A manufacturer or stewardship organization shall pay \$10,000.00 for each  
3 collection plan submitted to the agency for review under section 7154 of this  
4 title.

5 § 7159. RULEMAKING; MERCURY AND LEAD CONTENT

6 STANDARDS

7 (a) Mercury and lead content standards for lamps. The secretary shall adopt  
8 rules to implement the requirements of this chapter, including requirements  
9 establishing mercury and lead content standards for lamps. Rules governing  
10 mercury and lead content in lamps under this section shall rely upon content  
11 standards established by the states of California and Maine. If one or more  
12 categories of lamps are not covered by the mercury or lead content standards  
13 adopted by the states of California and Maine, the secretary may adopt rules  
14 minimizing the mercury or lead content of lamps within such categories, including  
15 adoption of mercury-free or lead-free standards when mercury-free or lead-free  
16 alternatives are available at comparable cost and with comparable performance.

17 (b) Certificate of compliance.

18 (1) Within 90 days of adoption of rules under subsection (a) of this section,  
19 the secretary may request a manufacturer of lamps to submit a certification,  
20 supported by technical information, that the manufacturer's lamps that are sold or  
21 offered for sale in the state comply with rules adopted under subsection (a) of this  
22 section. A manufacturer shall submit a certificate of compliance within 28 days of

1 ~~the secretary's request. If a manufacturer fails to provide a requested certification~~  
2 within 28 days of the request, the manufacturer shall be prohibited from selling  
3 lamps or offering lamps for sale in the state.

4 (2) Upon request of a retailer or other person selling a manufacturer's  
5 lamps, a manufacturer shall provide a certification that the manufacturer's lamps  
6 comply with the rules adopted under subsection (a) of this section. A  
7 manufacturer shall provide a certificate of compliance within 28 days of the  
8 retailer's request. The certification must specify that the lamps are not prohibited  
9 from sale in the state. If a manufacturer fails to provide a certification under this  
10 subdivision (b)(2), the manufacturer shall be prohibited from selling lamps or  
11 offering lamps for sale in the state.

12 § 7160. OTHER DISPOSAL PROGRAMS

13 A municipality or other public agency may not require covered entities to  
14 use public facilities to dispose of mercury-containing lamps to the exclusion of  
15 other lawful programs available. A municipality and other public agencies are  
16 encouraged to work with manufacturers to assist them in meeting their  
17 collection and disposal obligations under this chapter. Nothing in this chapter  
18 prohibits or restricts the operation of any program collecting and disposing of  
19 mercury-containing lamps in addition to those provided by manufacturers or  
20 prohibits or restricts any persons from receiving, collecting, transporting, or  
21 disposing mercury-containing lamps, provided that all other applicable laws  
22 are met.

1 ~~Sec. 2. EFFECTIVE DATE~~

2 ~~This act shall take effect on July 1, 2011.~~

~~Sec. 1. FINDINGS~~

~~The general assembly finds and declares that:~~

~~(1) Extended producer responsibility programs are an effective method of managing certain types of potentially hazardous waste, such as mercury-containing lamps.~~

~~(2) In implementing extended producer responsibility programs, states are often faced with the issue of how to regulate products sold in the state by a manufacturer with no corporate presence in Vermont or the United States.~~

~~(3) Under Huey v. Bates, 135 Vt. 160 (1977), Northern Aircraft, Inc. v. Reed, 154 Vt. 36 (1990), and Hedges Western Auto Supply Co., 161 Vt. 614 (1994), a clear intention by a manufacturer or a distributor to participate in the Vermont market through the sale or purposeful utilization of an in-state distribution system is sufficient to provide the state with jurisdiction over the manufacturer or distributor.~~

~~(4) Thus, an extended producer responsibility program for the collection and disposal of mercury containing lamps may regulate a manufacturer or distributor that purposefully and intentionally sells or distributes mercury-containing lamps in Vermont.~~

~~Sec. 2. 10 V.S.A. chapter 164A is added to read:~~

~~CHAPTER 164A. COLLECTION AND DISPOSAL OF  
MERCURY-CONTAINING LAMPS~~

~~§ 7151. DEFINITIONS~~

~~As used in this chapter:~~

~~(1) "Agency" means the agency of natural resources.~~

~~(2) "Covered entity" means any person who presents 10 or fewer mercury-containing lamps for collection at a collection facility included in an approved plan.~~

~~(3) "Lamp" means an electric lamp, including mercury-containing lamps, incandescent lamps, halogen lamps, and light-emitting diode lamps.~~

~~(4) "Manufacturer" means a person who:~~

~~(A) Manufactures or manufactured a mercury-containing lamp under its own brand or label for sale in the state;~~

~~(B) Sells in the state under its own brand or label a mercury-containing lamp produced by another supplier;~~

~~(C) Owns a brand that it licenses or licensed to another person for use on a mercury-containing lamp sold in the state;~~

~~(D) Imports into the United States for sale in the state a mercury-containing lamp manufactured by a person without a presence in the United States;~~

~~(E) Manufactures a mercury-containing lamp for sale in the state without affixing a brand name; or~~

~~(F) Assumes the responsibilities, obligations, and liabilities of a manufacturer as defined under subdivisions (A) through (E) of this subdivision (4), provided that the secretary may enforce the requirements of this chapter against a manufacturer defined under subdivisions (A) through (E) of this subdivision (4) if a person who assumes the manufacturer's responsibilities fails to comply with the requirements of this chapter.~~

~~(5) "Mercury-containing lamp" means a lamp designed for residential or commercial use to which mercury is intentionally added during the manufacturing process, including linear fluorescent, compact fluorescent, black light, high-intensity discharge, ultraviolet, and neon lamps. "Mercury-containing lamp" does not mean a lamp used for medical, disinfection, treatment, or industrial purposes.~~

~~(6) "Program year" means the period from July 1 through June 30.~~

~~(7) "Retailer" means a person who sells a mercury-containing lamp to a person in the state through any means, including a sales outlet, a catalogue, the telephone, the Internet, or any electronic means.~~

~~(8) "Secretary" means the secretary of natural resources.~~

~~(9) "Sell" or "sale" means any transfer for consideration of title or of the right to use by lease or sales contract a mercury-containing lamp to a person in the state of Vermont. "Sell" or "sale" does not include the sale, resale, lease, or transfer of a used mercury-containing lamp or a manufacturer's or a distributor's wholesale transaction with a distributor or a retailer.~~

~~(10) "Stewardship organization" means an organization, association, or entity that has developed a system, method, or other mechanism which assumes the responsibilities, obligations, and liabilities under this chapter of multiple manufacturers of mercury-containing lamps.~~

~~§ 7152. SALE OF MERCURY-CONTAINING LAMPS~~

~~Sale prohibited. Beginning on January 1, 2012, except as set forth under section 7155 of this title, a manufacturer of a mercury-containing lamp shall not sell, offer for sale, or deliver to a retailer for subsequent sale a mercury-containing lamp unless all the following have been met:~~

~~(1) The manufacturer is implementing an approved collection plan;~~

~~(2) The manufacturer has paid its annual registration fee under section 7158 of this title;~~

~~(3) The name of the manufacturer and the manufacturer's brand are designated on the agency of natural resources' website as covered by an approved plan.~~

~~(4) The manufacturer has submitted an annual report under section 7153 of this title;~~

~~(5) The manufacturer has conducted a plan audit consistent with the requirements of subsection 7153(b) of this title; and~~

~~(6) The manufacturer has demonstrated that no alternative non-mercury energy efficient lamp is available that provides the same or better overall performance at a cost equal to or better than the classes of lamps that the manufacturer proposes to sell.~~

~~§ 7153. ANNUAL REPORT; PLAN AUDIT~~

~~(a) Annual report. At the end of each program year, a manufacturer of a mercury-containing lamp shall submit an annual report to the secretary that contains the following:~~

~~(1) a description of the collection program;~~

~~(2) The number and type of mercury-containing lamps collected and the collection facility from which the lamps were collected.~~

~~(3) an estimate of the number of mercury-containing lamps available for collection and the methodology used to develop this number. Sales data and other confidential business information provided under this section shall not be subject to inspection and review pursuant to subchapter 3 of chapter 5 of Title 1 (access to public records). Confidential information shall be redacted from any final public report.~~

~~(4) the steps that the manufacturer has taken during the past program year to improve the collection rate and life cycle performance of mercury-containing lamps.~~

~~(b) Plan audit. Two years after the initial plan approval and every two years thereafter, the manufacturer shall hire an independent third party to audit the plan and plan implementation. The auditor shall examine the~~

~~effectiveness of the program in collecting and disposing of mercury-containing lamps. The auditor shall examine the cost-effectiveness of the program and compare it to that of collection programs for mercury-containing lamps in other jurisdictions. The auditor shall make recommendations to the secretary on ways to increase program efficacy and cost-effectiveness.~~

~~§ 7154. COLLECTION PLANS~~

~~(a) Collection plan required. Prior to October 1, 2011, a manufacturer, individually or as a participant in a stewardship organization, shall submit a collection plan to the secretary for review.~~

~~(1) Free collection of mercury-containing lamps. The collection program shall provide for free collection of mercury-containing lamps from covered entities. A manufacturer shall accept all mercury-containing lamps collected from a covered entity and shall not refuse the collection of a mercury-containing lamp based on the brand or manufacturer of the mercury-containing lamp. The collection program shall also provide for the payment of the costs for recycling and transportation from a collection facility to a recycler.~~

~~(2) Convenient collection location. The manufacturer shall develop a collection program that:~~

~~(A) allows all municipal collection locations and all retailers that sell mercury-containing lamps to opt to be a collection facility; and~~

~~(B) at a minimum, has not less than two collection facilities in each county.~~

~~(3) Public education and outreach. The collection plan shall include an education and outreach program that may include media advertising, retail displays, articles in trade and other journals and publications, and other public educational efforts. At a minimum, the education and outreach program shall notify the public of the following:~~

~~(A) that there is a free collection program for mercury-containing lamps;~~

~~(B) the location of collection points and how a covered entity can access this collection program; and~~

~~(C) the special handling considerations associated with mercury-containing lamps.~~

~~(4) Compliance with appropriate environmental standards. In implementing a collection plan, a manufacturer shall comply with all applicable laws related to the collection, transportation, and disposal of mercury-containing lamps. A manufacturer shall comply with any special~~



~~handling or disposal standards established by the secretary for a mercury-containing lamp or for the collection plan of the manufacturer.~~

~~(b) Term of collection plan. A collection plan approved by the secretary under section 7156 of this title shall have a term not to exceed five years, provided that the manufacturer remains in compliance with the requirements of this chapter and the terms of the approved plan.~~

~~§ 7155. STEWARDSHIP ORGANIZATIONS~~

~~(a) Participation in a stewardship organization. A manufacturer may meet the requirements of this chapter by participating in a stewardship organization that undertakes the manufacturer's responsibilities under sections 7152, 7153, and 7154 of this title.~~

~~(b) Qualifications for a stewardship organization. To qualify as a stewardship organization under this chapter, an organization shall:~~

~~(1) Commit to assume the responsibilities, obligations, and liabilities of all manufacturers participating in the stewardship organization;~~

~~(2) Represent at least 45 percent of the market share of mercury-containing lamps sold in the state;~~

~~(3) Not create unreasonable barriers for participation in the stewardship organization; and~~

~~(4) Maintain a public website that lists all manufacturers and manufacturers' brands covered by the stewardship organization's approved collection plan.~~

~~(c) Exemption from antitrust provisions. A stewardship organization and manufacturers participating in a stewardship organization subject to the requirements of this chapter may engage in anticompetitive conduct to the extent necessary to develop and implement the collection plan required by this chapter. A stewardship organization or a manufacturer participating within a stewardship organization that is engaged in anticompetitive conduct under this subsection shall be immune from liability for conduct under state laws relating to antitrust, restraint of trade, unfair trade practices, and other regulation of trade or commerce if the stewardship organization is exercising due diligence to comply with the requirements of this chapter.~~

~~§ 7156. AGENCY RESPONSIBILITIES~~

~~(a) Review and approve collection plans. The secretary shall review and approve or deny collection plans submitted under section 7154 of this title. The secretary shall approve a collection plan if the secretary finds that the plan:~~

~~(1) complies with the requirements of subsection 7154(a) of this title.~~

~~(2) provides adequate notice to the public of the collection opportunities available for mercury-containing lamps.~~

~~(3) ensures that collection of mercury-containing lamps will occur in an environmentally sound fashion that is consistent with the law or with any special handling requirements adopted by the secretary.~~

~~(4) promotes the collection and disposal of mercury-containing lamps.~~

~~(b) Plan amendment. The secretary, in his or her discretion or at the request of a manufacturer or a stewardship organization, may require a manufacturer or a stewardship organization to amend an approved plan. Plan amendments shall be subject to the public input provisions of subsection (c) of this section.~~

~~(c) Public input. The agency shall establish a process under which a collection plan for a mercury-containing lamp is, prior to plan approval or amendment, available for public review and comment for 30 days. In establishing such a process, the agency shall consult with interested persons, including manufacturers, environmental groups, wholesalers, retailers, municipalities, and solid waste districts.~~

~~(d) Special handling requirements. The secretary may adopt, by rule, special handling requirements for the collection, transport, and disposal of mercury-containing lamps.~~

~~(e) Approved plans; Internet posting. The secretary shall post on the agency website all manufacturers and manufacturers' brands that are covered under an approved plan. For stewardship organizations, the agency may link to the list of manufacturers and manufacturers' brands on the stewardship organization's website.~~

#### ~~§ 7157. RETAILER OBLIGATIONS~~

~~(a) Sale prohibited. No retailer shall sell or offer for sale a mercury-containing lamp unless the retailer has reviewed the agency website required in subsection 7156(e) of this title to determine that the manufacturer of the mercury-containing lamp is implementing an approved collection plan or is a member of a stewardship organization.~~

~~(b) Expiration or revocation of manufacturer registration. A retailer shall not be responsible for an unlawful sale of a mercury-containing lamp under this subsection if:~~

~~(1) the manufacturer's collection plan expired or was revoked; and~~

~~(2) the retailer took possession of the mercury containing lamp prior to the expiration or revocation of the manufacturer's collection plan, and the unlawful sale occurred within six months of the expiration or revocation of the collection plan.~~

~~§ 7158. FEES; DISPOSITION~~

~~(a) A manufacturer or stewardship organization shall pay \$10,000.00 for each collection plan submitted to the agency for review under section 7154 of this title.~~

~~(b) Of the fees collected under subsection (a) of this section, no more than \$20,000.00 shall be retained by the agency annually for the performance of its responsibilities under section 7156 of this title. All fees collected by the agency in a year under subsection (a) of this section in excess of \$20,000.00 a year shall be deposited in the general fund.~~

~~§ 7159. MERCURY CONTENT STANDARDS~~

~~(a) Mercury content standards for lamps. Beginning January 1, 2012, a mercury-containing lamp sold in this state shall satisfy the mercury-content standard for lamps set by California.~~

~~(b) Rulemaking; implementation. The agency of natural resources may adopt rules to implement the requirements of this chapter, including exemptions from the mercury content standards established under subsection (a) of this section.~~

~~(c) Certificate of compliance.~~

~~(1) Beginning April 1, 2012, the secretary may request a manufacturer of a lamp or lamps to submit a certification, supported by technical information, that the manufacturer's lamp or lamps that are sold or offered for sale in the state comply with the standard established under subsection (a) of this section. A manufacturer shall submit a certificate of compliance within 30 days of the secretary's request. If a manufacturer fails to provide a requested certification within 30 days of the request, the manufacturer shall be prohibited from selling lamps or offering lamps for sale in the state.~~

~~(2) Upon request of a retailer or other person selling a manufacturer's lamps, a manufacturer shall provide a certification that the manufacturer's lamp or lamps comply with the standard established under subsection (a) of this section. A manufacturer shall provide a certificate of compliance within 30 days of the retailer's request. The certification must specify that the lamp or lamps are not prohibited from sale in the state. If a manufacturer fails to provide a certification under this subdivision (c)(2), the manufacturer shall be prohibited from selling lamps or offering lamps for sale in the state.~~

§ 7160. OTHER DISPOSAL PROGRAMS

A municipality or other public agency may not require covered entities to use public facilities to dispose of mercury-containing lamps to the exclusion of other lawful programs available. A municipality and other public agencies are encouraged to work with manufacturers to assist them in meeting their collection and disposal obligations under this chapter. Nothing in this chapter prohibits or restricts the operation of any program collecting and disposing of mercury-containing lamps in addition to those provided by manufacturers or prohibits or restricts any persons from receiving, collecting, transporting, or disposing mercury-containing lamps, provided that all other applicable laws are met.

Sec.3. EFFECTIVE DATE

This act shall take effect on July 1, 2011.

Sec. 1. FINDINGS

The general assembly finds and declares that:

(1) Extended producer responsibility programs are an effective method of managing certain types of potentially hazardous waste, such as mercury-containing lamps;

(2) In implementing extended producer responsibility programs, states are often faced with the issue of how to regulate products sold in the state by a manufacturer with no corporate presence in Vermont or the United States.

(3) Under Huey v. Bates, 135 Vt. 160 (1977), Northern Aircraft, Inc. v. Reed, 154 Vt. 36 (1990), and Hedges Western Auto Supply Co., 161 Vt. 614 (1994), a clear intention by a manufacturer or a distributor to participate in the Vermont market through the sale or purposeful utilization of an in-state distribution system is sufficient to provide the state with jurisdiction over the manufacturer or distributor.

(4) Thus, an extended producer responsibility program for the collection and disposal of mercury containing lamps may regulate a manufacturer or distributor that purposefully and intentionally sells or distributes mercury-containing lamps in Vermont.

Sec. 2. 10 V.S.A. chapter 164A is added to read:

CHAPTER 164A. COLLECTION AND DISPOSAL OF  
MERCURY-CONTAINING LAMPS

§ 7151. DEFINITIONS

As used in this chapter:

(1) "Agency" means the agency of natural resources.

(2) "Covered entity" means any person who presents to a collection facility that is included in an approved plan:

(A) any number of compact fluorescent mercury-containing lamps; or

(B) 10 or fewer mercury-containing lamps that are not compact fluorescent lamps.

(3) "Lamp" means an electric lamp, including mercury-containing lamps, incandescent lamps, halogen lamps, and light-emitting diode lamps.

(4) "Manufacturer" means a person who:

(A) Manufactures or manufactured a mercury-containing lamp under its own brand or label for sale in the state;

(B) Sells in the state under its own brand or label a mercury-containing lamp produced by another supplier;

(C) Owns a brand that it licenses or licensed to another person for use on a mercury-containing lamp sold in the state;

(D) Imports into the United States for sale in the state a mercury-containing lamp manufactured by a person without a presence in the United States;

(E) Manufactures a mercury-containing lamp for sale in the state without affixing a brand name; or

(F) Assumes the responsibilities, obligations, and liabilities of a manufacturer as defined under subdivisions (A) through (E) of this subdivision (4), provided that the secretary may enforce the requirements of this chapter against a manufacturer defined under subdivisions (A) through (E) of this subdivision (4) if a person who assumes the manufacturer's responsibilities fails to comply with the requirements of this chapter.

(5) "Mercury-containing lamp" means a general purpose lamp to which mercury is intentionally added during the manufacturing process. "Mercury-containing lamp" does not mean a lamp used for medical, disinfection, treatment, or industrial purposes.

(6) "Program year" means the period from July 1 through June 30.

(7) "Retailer" means a person who sells a mercury-containing lamp to a person in the state through any means, including a sales outlet, a catalogue, the telephone, the Internet, or any electronic means.

(8) "Secretary" means the secretary of natural resources.

(9) "Sell" or "sale" means any transfer for consideration of title or of the right to use by lease or sales contract a mercury-containing lamp to a person in the state of Vermont. "Sell" or "sale" does not include the sale, resale, lease, or transfer of a used mercury-containing lamp or a manufacturer's or a distributor's wholesale transaction with a distributor or a retailer.

(10) "Stewardship organization" means an organization, association, or entity that has developed a system, method, or other mechanism which assumes the responsibilities, obligations, and liabilities under this chapter of multiple manufacturers of mercury-containing lamps.

§ 7152. SALE OF MERCURY-CONTAINING LAMPS; STEWARDSHIP ORGANIZATION REGISTRATION

(a) Sale prohibited. Beginning on July 1, 2012, except as set forth under section 7155 of this title, a manufacturer of a mercury-containing lamp shall not sell, offer for sale, or deliver to a retailer for subsequent sale a mercury-containing lamp unless all the following have been met:

(1) The manufacturer is implementing an approved collection plan;

(2) The manufacturer has paid the fee under section 7158 of this title;

(3) The name of the manufacturer and the manufacturer's brand are designated on the agency of natural resources' website as covered by an approved plan.

(4) The manufacturer has submitted an annual report under section 7153 of this title;

(5) The manufacturer has conducted a plan audit consistent with the requirements of subsection 7153(b) of this title; and

(6) The manufacturer has demonstrated that no alternative non-mercury energy efficient lamp is available that provides the same or better overall performance at a cost equal to or better than the classes of lamps that the manufacturer proposes to sell.

(b) Stewardship organization registration requirements.

(1) Beginning January 1, 2012 and annually thereafter, a stewardship organization shall file a registration form with the secretary. The secretary shall provide the registration form to a stewardship organization. The registration form shall include:

(A) a list of the manufacturers participating in the stewardship organization;

(B) the name, address, and contact information of a person responsible for ensuring the manufacturer's compliance with this chapter;

(C) a description of how the stewardship organization meets the requirements of 10 V.S.A. § 7155(b), including any reasonable requirements for participation in the stewardship organization; and

(D) the name, address, and contact information of a person for a nonmember manufacturer to contact on how to participate in the stewardship organization to satisfy the requirements of this chapter.

(2) A renewal of a registration without changes may be accomplished through notifying the agency of natural resources on a form provided by the agency.

§ 7153. ANNUAL REPORT; PLAN AUDIT

(a) Annual report. At the end of each program year, a manufacturer of a mercury-containing lamp shall submit an annual report to the secretary that contains the following:

(1) a description of the collection program;

(2) The number and type of mercury-containing lamps collected and the collection facility from which the lamps were collected.

(3) an estimate of the number of mercury-containing lamps available for collection and the methodology used to develop this number. Sales data and other confidential business information provided under this section shall not be subject to inspection and review pursuant to subchapter 3 of chapter 5 of Title 1 (access to public records). Confidential information shall be redacted from any final public report.

(4) the steps that the manufacturer has taken during the past program year to improve the collection rate and life cycle performance of mercury-containing lamps.

(b) Plan audit. Once every five years, the manufacturer shall hire an independent third party to audit the plan and plan operation. The auditor shall examine the effectiveness of the program in collecting and disposing of mercury-containing lamps. The auditor shall examine the cost-effectiveness of the program and compare it to that of collection programs for mercury-containing lamps in other jurisdictions. The auditor shall make recommendations to the secretary on ways to increase program efficacy and cost-effectiveness.

§ 7154. COLLECTION PLANS

(a) Collection plan required. Prior to February 1, 2012, a manufacturer, individually or as a participant in a stewardship organization, shall submit a collection plan to the secretary for review.

(1) Free collection of mercury-containing lamps. The collection program shall provide for free collection of mercury-containing lamps from covered entities. A manufacturer shall accept all mercury-containing lamps collected from a covered entity and shall not refuse the collection of a mercury-containing lamp based on the brand or manufacturer of the mercury-containing lamp. The collection program shall also provide for the payment of the costs for recycling and transportation from a collection facility to a recycler.

(2) Convenient collection location. The manufacturer shall develop a collection program that:

(A) allows all municipal collection locations and all retailers that sell mercury-containing lamps to opt to be a collection facility; and

(B) at a minimum, has not less than two collection facilities in each county.

(3) Public education and outreach. The collection plan shall include an education and outreach program that may include media advertising, retail displays, articles in trade and other journals and publications, and other public educational efforts. At a minimum, the education and outreach program shall notify the public of the following:

(A) that there is a free collection program for mercury-containing lamps;

(B) the location of collection points and how a covered entity can access this collection program; and

(C) the special handling considerations associated with mercury-containing lamps.

(4) Compliance with appropriate environmental standards. In implementing a collection plan, a manufacturer shall comply with all applicable laws related to the collection, transportation, and disposal of mercury-containing lamps. A manufacturer shall comply with any special handling or disposal standards established by the secretary for a mercury-containing lamp or for the collection plan of the manufacturer.

(b) Term of collection plan. A collection plan approved by the secretary under section 7156 of this title shall have a term not to exceed five years, provided that the manufacturer remains in compliance with the requirements of this chapter and the terms of the approved plan.



§ 7155. STEWARDSHIP ORGANIZATIONS

(a) Participation in a stewardship organization. A manufacturer may meet the requirements of this chapter by participating in a stewardship organization that undertakes the manufacturer's responsibilities under sections 7152, 7153, and 7154 of this title.

(b) Qualifications for a stewardship organization. To qualify as a stewardship organization under this chapter, an organization shall:

(1) Commit to assume the responsibilities, obligations, and liabilities of all manufacturers participating in the stewardship organization;

(2) Represent at least 45 percent of the market share of mercury-containing lamps sold in the state;

(3) Not create unreasonable barriers for participation in the stewardship organization; and

(4) Maintain a public website that lists all manufacturers and manufacturers' brands covered by the stewardship organization's approved collection plan.

(c) Exemption from antitrust provisions. A stewardship organization and manufacturers participating in a stewardship organization subject to the requirements of this chapter may engage in anticompetitive conduct to the extent necessary to develop and implement the collection plan required by this chapter. A stewardship organization or a manufacturer participating within a stewardship organization that is engaged in anticompetitive conduct under this subsection shall be immune from liability for conduct under state laws relating to antitrust, restraint of trade, unfair trade practices, and other regulation of trade or commerce if the stewardship organization is exercising due diligence to comply with the requirements of this chapter.

§ 7156. AGENCY RESPONSIBILITIES

(a) Review and approve collection plans. The secretary shall review and approve or deny collection plans submitted under section 7154 of this title. The secretary shall approve a collection plan if the secretary finds that the plan:

(1) complies with the requirements of subsection 7154(a) of this title.

(2) provides adequate notice to the public of the collection opportunities available for mercury-containing lamps.

(3) ensures that collection of mercury-containing lamps will occur in an environmentally sound fashion that is consistent with the law or with any special handling requirements adopted by the secretary.

(4) promotes the collection and disposal of mercury-containing lamps.

(b) Plan amendment. The secretary, in his or her discretion or at the request of a manufacturer or a stewardship organization, may require a manufacturer or a stewardship organization to amend an approved plan. Plan amendments shall be subject to the public input provisions of subsection (c) of this section.

(c) Public input. The agency shall establish a process under which a collection plan for a mercury-containing lamp is, prior to plan approval or amendment, available for public review and comment for 30 days. In establishing such a process, the agency shall consult with interested persons, including manufacturers, environmental groups, wholesalers, retailers, municipalities, and solid waste districts.

(d) Registrations. The secretary shall accept, review, and approve or deny registrations required by this chapter. The secretary may revoke a registration of a stewardship organization for actions that are unreasonable, unnecessary, or contrary to the requirements or the policy of this chapter.

(e) Supervisory capacity. The secretary shall act in a supervisory capacity over the actions of a stewardship organization registered under this section. In acting in this capacity, the secretary shall review the actions of the stewardship organization to ensure that they are reasonable, necessary, and limited to carrying out requirements of and policy established by this chapter.

(f) Special handling requirements. The secretary may adopt, by rule, special handling requirements for the collection, transport, and disposal of mercury-containing lamps.

(g) Approved plans; Internet posting. The secretary shall post on the agency website all manufacturers and manufacturers' brands that are covered under an approved plan. For stewardship organizations, the agency may link to the list of manufacturers and manufacturers' brands on the stewardship organization's website.

#### § 7157. RETAILER OBLIGATIONS

(a) Sale prohibited. Except as set forth under subsection (b) of this section, beginning July 1, 2012, no retailer shall sell or offer for sale a mercury-containing lamp unless the retailer has reviewed the agency website required in subsection 7156(e) of this title to determine that the manufacturer of the mercury-containing lamp is implementing an approved collection plan or is a member of a stewardship organization.

(b) Inventory exception; expiration or revocation of manufacturer registration. A retailer shall not be responsible for an unlawful sale of a mercury-containing lamp under this subsection if:

(1) the retailer purchased the mercury-containing lamp prior to July 1, 2012; or

(2) the manufacturer's collection plan expired or was revoked, and the retailer took possession of the in-store inventory of mercury-containing lamps prior to the expiration or revocation of the manufacturer's collection plan.

§ 7158. FEES; DISPOSITION

(a) A manufacturer or stewardship organization shall pay \$2,000.00 annually for operation under a collection plan approved by the secretary under section 7156 of this title.

(b) The fees collected under subsection (a) of this section shall be deposited in the environmental permit fund established under 3 V.S.A. § 2805. The agency shall utilize no more than \$20,000.00 annually of the fees collected under subsection (a) for the performance of its responsibilities under section 7156 of this title.

§ 7159. MERCURY CONTENT STANDARDS

(a) Mercury content standards for lamps. Beginning January 1, 2013, a mercury-containing lamp sold in this state shall satisfy the mercury-content standard for lamps set by California.

(b) Rulemaking; implementation. The agency of natural resources may adopt rules to implement the requirements of this chapter, including exemptions from the mercury content standards established under subsection (a) of this section.

(c) Certificate of compliance.

(1) Beginning April 1, 2013, the secretary may request a manufacturer of a lamp or lamps to submit a certification, supported by technical information, that the manufacturer's lamp or lamps that are sold or offered for sale in the state comply with the standard established under subsection (a) of this section. A manufacturer shall submit a certificate of compliance within 30 days of the secretary's request. If a manufacturer fails to provide a requested certification within 30 days of the request, the manufacturer shall be prohibited from selling lamps or offering lamps for sale in the state.

(2) Upon request of a retailer or other person selling a manufacturer's lamps, a manufacturer shall provide a certification that the manufacturer's lamp or lamps comply with the standard established under subsection (a) of this section. A manufacturer shall provide a certificate of compliance within 30 days of the retailer's request. The certification must specify that the lamp or lamps are not prohibited from sale in the state. If a manufacturer fails to

provide a certification under this subdivision (c)(2), the manufacturer shall be prohibited from selling lamps or offering lamps for sale in the state.

§ 7160. OTHER DISPOSAL PROGRAMS

A municipality or other public agency may not require covered entities to use public facilities to dispose of mercury-containing lamps to the exclusion of other lawful programs available. A municipality and other public agencies are encouraged to work with manufacturers to assist them in meeting their collection and disposal obligations under this chapter. Nothing in this chapter prohibits or restricts the operation of any program collecting and disposing of mercury-containing lamps in addition to those provided by manufacturers or prohibits or restricts any persons from receiving, collecting, transporting, or disposing of mercury-containing lamps, provided that all other applicable laws are met.

Sec. 3. 10 V.S.A. § 8003 is amended to read:

§ 8003. APPLICABILITY

(a) The secretary may take action under this chapter to enforce the following statutes and rules, permits, assurances, or orders implementing the following statutes:

\* \* \*

(20) 10 V.S.A. chapter 50, relating to the control of aquatic species and introduction of algicides, pesticides, and herbicides; ~~and~~

(21) 10 V.S.A. chapter 166, relating to collection and recycling of electronic waste; and

(22) 10 V.S.A. chapter 164A, collection and disposal of mercury-containing lamps.

\* \* \*

Sec. 4. 10 V.S.A. § 8503 is amended to read:

§ 8503. APPLICABILITY

(a) This chapter shall govern all appeals of an act or decision of the secretary, excluding enforcement actions under chapters 201 and 211 of this title and rulemaking, under the following authorities and under the rules adopted under those authorities:

(1) The following provisions of this title:

(A) chapter 23 (air pollution control).

(B) chapter 50 (aquatic species control).

- (C) chapter 41 (regulation of stream flow).*
- (D) chapter 43 (dams).*
- (E) chapter 47 (water pollution control).*
- (F) chapter 48 (groundwater protection).*
- (G) chapter 53 (beverage containers; deposit-redemption system).*
- (H) chapter 55 (aid to municipalities for water supply, pollution abatement, and sewer separation).*
- (I) chapter 56 (public water supply).*
- (J) chapter 59 (underground and aboveground liquid storage tanks).*
- (K) chapter 64 (potable water supply and wastewater system permit).*
- (L) section 2625 (regulation of heavy cutting).*
- (M) chapter 123 (protection of endangered species).*
- (N) chapter 159 (waste management).*
- (O) chapter 37 (wetlands protection and water resources management).*
- (P) chapter 166 (collection and recycling of electronic waste).*
- (Q) chapter 164 (collection and disposal of mercury-containing lamps).*
- (2) 29 V.S.A. chapter 11 (management of lakes and ponds).*
- (3) 24 V.S.A. chapter 61, subchapter 10 (relating to salvage yards).*

\* \* \*

*Sec. 5. 24 V.S.A. § 2248(a) is added to read:*

*(a) Beginning July 1, 2010, a salvage yard shall meet the following operational standards:*

*(1) The salvage yard shall comply with the screening and fencing requirements of section 2257 of this title.*

*(2) Motor vehicles shall be drained of all fluids prior to crushing and within 365 days of receipt by the salvage yard, except that a vehicle with visible signs of leaking fluids shall be drained immediately. Fluids shall be drained, collected, and stored according to standards established by the secretary in order to prevent release to the environment. The fluids that shall be drained, collected, and stored under this subdivision include antifreeze, oil, brake fluid, fuel, refrigerants, and transmission fluid.*

(3) Vehicles shall be drained and crushed:

(A) on or over a surface that is designed to retain seepage or draining fluids and that is designed to prevent releases to groundwater, discharges to surface waters, or other releases to the environment; or

(B) by a crusher with an onboard fluid-recovery and storage system that prevents releases to groundwater, discharges to surface waters, or other releases to the environment.

(4) A salvage yard issued a certificate of registration under section 2242 of this title after July 1, 2010, shall not be sited or operated within 100 feet of a Class I or Class II wetland as those terms are defined in 10 V.S.A. § 902. This subdivision shall not apply to the renewal of a valid certificate of registration under this subchapter.

(5)(A) A salvage yard issued a certificate of registration under section 2242 of this title after July 1, 2010, shall not be sited or operated within 300 feet of a potable water supply, as that term is defined in 10 V.S.A. § 1972, unless:

(i) the water supply provides water to the salvage yard; or

(ii) the agency of natural resources approves management practices or remedial measures to prevent contamination of the potable water supply.

(B) This subdivision shall not apply to the renewal of a valid certificate of registration under this subchapter.

Sec. 6. REPEAL

24 V.S.A. § 2248(a) (statutory operational standards for salvage yards) is repealed on the effective date of the rules required by 24 V.S.A. § 2248(b).

Sec. 7. EFFECTIVE DATE

This act shall take effect on passage.