TO THE HONORABLE SENATE

The Committee on Finance to which was referred House Bill No. H. 904 entitled "An act relating to miscellaneous agricultural subjects."

respectfully report that they have considered the same and recommend that the bill be amended as recommended by the Committee on Natural Resources and Energy with the following amendments thereto:

First: By adding Secs. 21a-21c to read as follows:

Sec. 21a. TRANSFER FROM CEDF TO GENERAL FUND; TAX EXPENDITURE; ADVANCED WOOD BOILERS

- (a) Beginning July 1, 2018, the Clean Energy Development Fund quarterly shall calculate the foregone sales tax on advanced wood fired boilers resulting from the sales tax exemption under 32 V.S.A. § 9741(52) for advanced wood boilers. Beginning October 1, 2018, the Clean Energy Development Fund shall notify the Department of Taxes of the amount of sales tax foregone in the preceding calendar quarter resulting from the sales tax exemption under 32 V.S.A. § 9741(52) for advanced wood boilers.
- (b) In fiscal years 2019 and 2020, the Clean Energy Development Fund shall transfer from the Clean Energy Development Fund to the General Fund the amount of the tax expenditure resulting from the sales tax exemption under 32 V.S.A. § 9741(52) on advanced wood boilers up to a maximum of \$200,000.00 for both fiscal years combined. The Department of Taxes shall deposit 64 percent of the monies transferred from the Clean Energy Development Fund into the General Fund under 32 V.S.A. § 435 and 36 percent of the monies in the Education Fund under 16 V.S.A. § 4025.

Sec. 21b. DEPARTMENT OF PUBLIC SERVICE REPORT ON FUNDING OF THE CLEAN ENERGY DEVELOPMENT FUND

On or before January 15, 2019, the Department of Public Service, after consultation with the Agency of Commerce and Community Development, the Department of Forests, Parks, and Recreation, and renewable energy organizations, shall submit to the Senate Committees on Finance, on Appropriations, and on Natural Resources and Energy and the House Committees on Ways and Means, on Appropriations, and on Energy and Technology a recommended source of funding sufficient to sustainably fund the authorized uses of the Clean Energy Development Fund as provided under 30 V.S.A. § 8015.

Sec. 21c. REPEAL

- (a) 32 V.S.A. § 9741(52) (sales tax exemption for advanced wood boilers) shall be repealed on July 1, 2021.
 - (b) Sec. 21a of this act (transfer from CEDF) shall be repealed on July 1,

<u>2021.</u>

Second: In Sec. 20, 32 V.S.A. § 9741, after "of this title" and before the period, by striking out ", whether for residential or commercial use"

(Committee vote: 5-0-2)

Senator Pollina

FOR THE COMMITTEE

حی

TO THE HONORABLE SENATE

The Committee on Natural Resources and Energy to which was referred House Bill No. H. 904, entitled "An act relating to miscellaneous agricultural subjects"

respectfully reports that it has considered the same and recommends that the Senate propose to the House to amend the bill by striking out all after the enacting clause and inserting in lieu thereof the following:

* * * Produce Inspection * * *

- Sec. 1. 6 V.S.A. § 21(b) is amended to read:
 - (b) The Secretary shall have the authority to:
- (1) respond to and remediate incidences of mass animal death, agricultural structure fires, or other emergencies on a farm in order to prevent a public health hazard;
- (2) condemn, confiscate, or establish restrictions on the use, sale, or distribution of adulterated raw agricultural commodities or animal feed; and
- (3) cooperate with the Department of Health and other State and federal agencies regarding:
- (A) the prevention or remediation of the adulteration of raw agricultural commodities, food, or animal feed on farms; and
- (B) application of the FDA Food Safety Modernization Act, 21 U.S.C. §§ 2201-2252 Pub. L. No. 111-353, to farms, farm products, or value-added products produced in the State.
- Sec. 2. 6 V.S.A. § 852 is amended to read:
- § 852. AUTHORITY; ENFORCEMENT
 - (a) The Secretary may enforce in the State the requirements of:
- (1) the rules adopted under the federal U.S. Food and Drug Administration Food Safety Modernization Act, Public Law No. 111-353, for standards for growing, harvesting, packing, and holding of produce for human consumption Standards for Growing, Harvesting, Packing, and Holding of Produce for Human Consumption, 21 C.F.R. part 112; and
 - (2) the rules adopted under this chapter.
- (b) The Agency may collaborate with the Vermont Department of Health regarding application of the federal Food Safety Modernization Act and the rules adopted thereunder U.S. Food and Drug Administration Food Safety Modernization Act, Standards for Growing, Harvesting, Packing, and Holding of Produce for Human Consumption, 21 C.F.R. part 112, and application of the rules adopted under this chapter.

- (c) The Secretary shall carry out the provisions of this chapter using:
- (1) monies appropriated to the Agency by the federal government for the purpose of administering the federal Food Safety Modernization Act and the rules adopted thereunder;
- (2) monies appropriated to the Agency by the State for the purpose of administering this chapter; and
- (3) other gifts, bequests, and donations by private entities for the purposes of administering this chapter.
- Sec. 3. 6 V.S.A. § 853 is amended to read:

§ 853. FARM INSPECTIONS

- (a)(1) The Secretary may inspect a produce farm during reasonable hours for the purposes of ensuring compliance with:
- (A) the federal standards for growing, harvesting, packing, and holding of produce for human consumption, as adopted under 21 C.F.R. part 112; or
 - (B) the rules adopted under this chapter.
- (2) This section shall not limit the Secretary's authority to respond to an emergency in order to prevent a public health hazard under section 21 of this title.
- (b) After inspection, the Secretary may issue an inspection certificate that shall include the date and place of inspection along with any other pertinent facts that the Secretary may require.
- (e) The Secretary may coordinate with other State agencies and organizations to carry out inspections at or near the same time on a given produce farm.
- Sec. 4. 6 V.S.A. §§ 856 and 857 are added to read:

§ 856. ENFORCEMENT; CORRECTIVE ACTIONS

When the Secretary of Agriculture, Food and Markets determines that a person is violating the rules listed in section 852 of this title, the Secretary may issue a written warning that shall be served in person or by certified mail, return receipt requested. A warning issued under this section shall include:

- (1) a description of the alleged violation;
- (2) identification of this section;
- (3) identification of the applicable rule violated; and
- (4) the required corrective action that the person shall take to correct the violation.

§ 857. ENFORCEMENT; ADMINISTRATIVE ORDERS

- (a) Notwithstanding the requirements of section 856 of this title, the Secretary at any time may pursue one or more of the following:
- (1) issue a cease and desist order in accordance to a person the Secretary believes to be in violation of the rules listed in section 852 of this title;
- (2) issue a verbal order or written administrative order to protect public health, including orders for the stop sale, recall, embargo, destruction, quarantine, and release of produce, when:
- (A) the U.S. Food and Drug Administration requires immediate State action; or
- (B) an alleged violation, activity, or farm practice presents an immediate threat to the public health or welfare;
 - (3) order mandatory corrective actions;
 - (4) take any action authorized under chapter 1 of this title;
- (5) seek administrative or civil penalties in accordance with the requirements of section 15, 16, or 17 of this title.
- (b) When the Secretary of Agriculture, Food and Markets issues a cease and desist order, written administrative order, or required corrective action under subsection (a) of this section, the Secretary shall provide the person subject to the order or corrective action with a statement that the order or corrective action is effective upon receipt and the person has 15 days from the date the order or corrective action was issued to request a hearing.
- (c) If the Secretary of Agriculture, Food and Markets issues a verbal order under this section, the Secretary shall issue written notice to the person subject to the order within five days of the issuance of the verbal order. The written notice shall include a statement that the person has 15 days from the date the written notice was received to request a hearing.
- (d) If a person who receives a cease and desist order, a verbal order, an administrative order, or a mandatory corrective action under this section does not request in writing a hearing within 15 days of receipt of the order or within 15 days of written notice for a verbal order, the person's right to a hearing is waived. Upon receipt of a written request for a hearing, the Secretary promptly shall set a date and time for a hearing. A request for a hearing on a cease and desist order, verbal order, or administrative order issued under this section shall not stay the order.
- (e) A person aggrieved by a final action or decision of the Secretary under this section may appeal de novo to the Civil Division of the Superior Court within 30 days of the final decision of the Secretary.

* * * Livestock and Poultry Transport for Slaughter * * *

Sec. 5. 6 V.S.A. § 1461a(c) is amended to read:

(c) Livestock and poultry that are transported to a commercial slaughter facility within the State shall not be removed from the facility without the facility's owner owner's first obtaining written permission from the State Veterinarian. For purposes of this section, arrival of the conveyance onto facility property and the offloading of livestock or poultry constitutes transport to a slaughter facility, regardless of whether the animals have been offloaded or presented for antemortem inspection. The State Veterinarian may require inspection and testing prior to issuing consent for removal.

* * * Farm and Forest Viability * * *

Sec. 6. 6 V.S.A. § 4710 is amended to read:

§ 4710. VERMONT FARM <u>AND FOREST</u> VIABILITY <u>ENHANCEMENT</u> PROGRAM

- (a) The Vermont Farm and Forest Viability Enhancement Program is a voluntary program established in the Agency of Agriculture, Food and Markets to provide assistance to Vermont farmers farm, food, and forest-sector businesses to enhance the financial success and long-term viability of Vermont agriculture agricultural and forest sectors. In administering the Program, the Secretary shall:
- (1) Collaborate with the Vermont Housing and Conservation Board, to administer the program with other State and federal agencies, private entities, and service groups to develop, coordinate, and provide technical and financial assistance to Vermont farmers farm, food, and forest-sector businesses.
- (2) Include teams of Secure and coordinate experts to assist farmers farm, food, and forest-sector business owners in areas such as assessing farm resources and potential business and financial planning, succession planning, diversifying, adopting new technologies, improving product quality, developing value-added products, and lowering costs of production for Vermont's agricultural sector. The teams Providers may include farm business management specialists, University of Vermont Extension professionals, veterinarians, and other experts to deliver the informational and technological educational and consulting services.
- (3) Encourage agricultural <u>or forest-sector</u> economic development through investing in improvements to essential infrastructure and the promotion of farm businesses in Vermont these sectors.
- (4) Enter into agreements with private organizations or individuals or with any agency or instrumentality of the United States or of this State and employ technical experts to carry out the purposes of this section.

- (b) The farm viability enhancement program Farm and Forest Viability Program shall be assisted by an advisory board consisting of ten 12 members who shall include:
- (1) The Secretary of Agriculture, Food and Markets. The Secretary shall serve as Chair of the Board.
 - (2) The Commissioner of Forests, Parks and Recreation or designee.
 - (3) The Commissioner of Economic Development or designee.
- (3)(4) The Manager of the Vermont Economic Development Authority or designee.
 - (4)(5) The Director of University of Vermont Extension or designee.
- (5)(6) The Executive Director of the Vermont Housing and Conservation Board or designee.
- (6)(7) Four Vermont farmers agricultural or forest-sector business owners appointed by the Secretary of Agriculture, Food and Markets in consultation with the Vermont Housing and Conservation Board and the Commissioner of Forests, Parks and Recreation. The four farmers shall serve two-year terms, except for the first year, two farmers chosen by the Chair shall serve one year terms At least two of the four business owners shall be agricultural-sector business owners.
- (7)(8) A person who has Two people who have expertise in agricultural or forest-sector economics, financing, or business planning development appointed by the Secretary of Agriculture, Food and Markets in consultation with the Vermont Housing and Conservation Board and the Commissioner of Forests, Parks and Recreation.
- (c) Members of the Advisory Board established in subsection (b) of this section other than ex officio members shall serve up to three two-year terms and shall be entitled to per diem expenses pursuant to 32 V.S.A. § 1010 for each day spent in the performance of their duties, and each such member shall be reimbursed from the fund created by this section for his or her reasonable expenses incurred in carrying out his or her duties under this section.
- (d) In consultation with the Advisory Board, the Secretary of Agriculture, Food and Markets and the Vermont Housing and Conservation Board shall establish grant criteria, performance goals, performance measures that demonstrate Program results, and other criteria to implement the Program. The grant criteria shall include at least the following requirements:
- (1) the application is developed in consultation with the producers who use or would use the Program and will address their needs;
 - (2) the use of the funds available to the Program is likely to succeed in

improving the economic viability of the farm and the farm's producers business;

- (3)(2) the producers are committed enrollees demonstrate commitment to participating in the Program; and
- (4)(3) an evaluation shall be completed by enrolled farmers in conjunction with the teams enrollees.
- (e)(1) The Farm Viability Enhancement Program Special Fund is established in the State Treasury and shall be administered by the Secretary of Agriculture, Food and Markets in accordance with the provisions of 32 V.S.A. chapter 7, subchapter 5, except that interest earned on the fund shall be retained in the Fund. The Fund shall be used only for the purpose of implementing and effectuating the Farm Viability Enhancement Program established by this section. There shall be deposited in such Fund any monies appropriated by the General Assembly to, or received by, the Secretary of Agriculture, Food and Markets from any other source, public or private. The Fund shall be used only for the purposes of:
- (A) providing funds for the Farm Viability Enhancement Program as established in this section:
 - (B) providing funds to enrolled farmers;
- (C) providing funds to service providers for administrative expenses of the program; and
- (D) leveraging other competitive public and private funds, grants, and contributions for the Farm Viability Enhancement Program.
- (2) The Secretary of Agriculture, Food and Markets, the Commissioner of Forests, Parks and Recreation, and the Vermont Housing and Conservation Board, separately or cooperatively, may solicit federal funds, grants, and private contributions for the Farm and Forest Viability Enhancement Program, but any Vermont Housing and Conservation Board funds used for the Farm and Forest Viability Enhancement Program shall be administered in accordance with 10 V.S.A. § 312.
- (f)(1) In collaboration with the Vermont Housing and Conservation Board, the Secretary of Agriculture, Food and Markets and the Commissioner of Forests, Parks and Recreation, the Vermont Housing and Conservation Board shall report in writing to the Senate Committee Committees on Agriculture and on Economic Development, Housing and General Affairs and the House Committee Committees on Agriculture and Forestry and on Commerce and Economic Development on or before January 31 of each year with a report on the activities and performance of the Farm and Forest Viability Enhancement Program. At a minimum, the report shall include an evaluation of the Program utilizing the performance goals and performance measures established in

consultation with the Advisory Board <u>under subsection (d) of this section</u>. The report should assess potential demand for the Program over the succeeding three years.

- (2) The Agency of Agriculture, Food and Markets and the Vermont Housing and Conservation Board shall describe in their annual budget submissions plans to develop adequate State, federal, and private funds to carry out this initiative.
- (g)(1) The Agricultural Economic Development Special Account is established as a dedicated sub-account of the Vermont Farm Viability Enhancement Program Special Fund. There shall be deposited in such account any monies:
 - (A) appropriated by the General Assembly to the account; and
- (B) received by the State or the Secretary of Agriculture, Food and Markets from any source, public or private, for use for any of the purposes for which the account was established.
 - (2) The Fund shall only be used for the purposes of:
 - (A) encouraging private investment in the economic initiative; and
- (B) providing incentives for technology businesses, determined by the Agency of Agriculture, Food and Markets to provide critical technological solutions for the growth of Vermont's agricultural economy.
- (3) Assistance from the Agricultural Economic Development Special Account shall be available in order to produce agricultural energy, harvest biomass, convert biomass into energy, or enable installation and usage of wind, solar, or other technology that relies on a resource that is being consumed at a harvest rate at or below its natural regeneration rate pursuant to 30 V.S.A. § 8002(2), including:
- (A) business and technical assistance for research and planning to aid a farmer or a group of farmers in developing business enterprises;
- (B) cost-effective implementation assistance to leverage other sources of capital to assist a farmer or group of farmers in purchasing equipment, technology, or other assistance; and
- (C) business, technical, and implementation assistance to persons that are not farmers for the development and implementation of technology or development of facilities designed to produce agricultural energy, harvest biomass, or convert biomass into energy, provided that the person is working in consultation with a Vermont farm, is creating an enterprise that utilizes Vermont resources, and provides Vermont a significant return on investment and meets any financial and technical criteria established by the Secretary by procedure. [Repealed.]

* * * Nutrient Management Plans * * *

Sec. 7. 6 V.S.A. § 4817 is added to read:

§ 4817. NUTRIENT MANAGEMENT PLAN; REPORTING

Annually, an owner or operator of a large farm, medium farm, or small farm subject to small farm certification shall submit to the Secretary a digital or electronic copy of the nutrient management plan required under this chapter. A nutrient management plan submitted by an owner or operator of a farm under this section shall identify the known location of outfalls of subsurface tile drainage installed on the farm.

Sec. 8. SCHEDULE; SUBMISSION OF NUTRIENT MANAGEMENT PLAN

An owner or operator of a farm subject to the nutrient management plan reporting requirements of 6 V.S.A. § 4817 shall initiate submission of the nutrient management plan according to the following schedule:

- (1) the owner or operator of a large farm, beginning on February 15, 2019 and annually thereafter;
- (2) the owner or operator of a medium farm, beginning on April 30, 2019 and annually thereafter; and
- (3) the owner or operator of a small farm subject to certification, beginning on January 31, 2021 and annually thereafter.

* * * Forest Habitat * * *

- Sec. 9. 10 V.S.A. § 6001(38)–(42) are added to read:
- (38) "Forest block" means a contiguous area of forest in any stage of succession and not currently developed for nonforest use that is mapped as an interior forest block within the 2016 interior forest block dataset created as part of resource mapping under section 127 of this title, as that dataset may be updated pursuant to procedures developed in accordance with that section. A forest block may include recreational trails, wetlands, or other natural features that do not themselves possess tree cover, and improvements constructed for farming, logging, or forestry purposes.
- (39) "Fragmentation" means the division or conversion of a forest block or habitat connector by the separation of a parcel into two or more parcels; the construction, conversion, relocation, or enlargement of any building or other structure, or of any mining, excavation, or landfill; and any change in the use of any building or other structure, or land, or extension of use of land. However, fragmentation does not include the division or conversion of a forest block or habitat connector by a recreational trail or by improvements constructed for farming, logging, or forestry purposes below the elevation of

2,500 feet.

- (40) "Habitat" means the physical and biological environment in which a particular species of plant or animal lives.
- (41) "Habitat connector" refers to land or water, or both, that links patches of habitat within a landscape, allowing the movement, migration, and dispersal of animals and plants and the functioning of ecological processes. A habitat connector may include recreational trails and improvements constructed for farming, logging, or forestry purposes.
- (42) As used in subdivisions (38), (39), and (41) of this section, "recreational trail" means a corridor that is not paved, and that is used for recreational purposes, including hiking, walking, bicycling, cross-country skiing, snowmobiling, all-terrain vehicle riding, and horseback riding.
- Sec. 10. 10 V.S.A. § 6086 is amended to read:
- § 6086. ISSUANCE OF PERMIT; CONDITIONS AND CRITERIA
- (a) Before granting a permit, the District Commission shall find that the subdivision or development:

* * *

- (8) Will not have an undue adverse effect on the scenic or natural beauty of the area, aesthetics, historic sites, or rare and irreplaceable natural areas.
- (A) Necessary wildlife habitat and endangered species. A permit will not be granted if it is demonstrated by any party opposing the applicant that a development or subdivision will destroy or significantly imperil necessary wildlife habitat or any endangered species; and
- (i) the economic, social, cultural, recreational, or other benefit to the public from the development or subdivision will not outweigh the economic, environmental, or recreational loss to the public from the destruction or imperilment of the habitat or species; or
- (ii) all feasible and reasonable means of preventing or lessening the destruction, diminution, or imperilment of the habitat or species have not been or will not continue to be applied; or
- (iii) a reasonably acceptable alternative site is owned or controlled by the applicant which would allow the development or subdivision to fulfill its intended purpose.

(B) Forest blocks.

- (i) A permit will not be granted for a development or subdivision within or partially within a forest block unless the applicant demonstrates that:
 - (I) the development or subdivision will avoid fragmentation of

the forest block through the design of the project or the location of project improvements, or both;

- (II) it is not feasible to avoid fragmentation of the forest block and the design of the development or subdivision minimizes fragmentation of the forest block; or
- (III) it is not feasible to avoid or minimize fragmentation of the forest block and the applicant will mitigate the fragmentation in accordance with section 6094 of this title.
- (ii) Methods for avoiding or minimizing the fragmentation of a forest block may include:
- (I) Locating buildings and other improvements and operating the project in a manner that avoids or minimizes incursion into and disturbance of the forest block, including clustering of buildings and associated improvements.
- (II) Designing roads, driveways, and utilities that serve the development or subdivision to avoid or minimize fragmentation of the forest block. Such design may be accomplished by following or sharing existing features on the land such as roads, tree lines, stonewalls, and fence lines.

(C) Habitat connectors.

- (i) A permit will not be granted for a development or subdivision unless the applicant demonstrates that:
- (I) the development or subdivision will avoid fragmentation of a habitat connector through the design of the project or the location of project improvements, or both;
- (II) it is not feasible to avoid fragmentation of the habitat connector and the design of the development or subdivision minimizes fragmentation of the connector; or
- (III) it is not feasible to avoid or minimize fragmentation of the habitat connector and the applicant will mitigate the fragmentation in accordance with section 6094 of this title.
- (ii) Methods for avoiding or minimizing the fragmentation of a habitat connector may include:
- (I) locating buildings and other improvements at the farthest feasible location from the center of the connector;
- (II) designing the location of buildings and other improvements to leave the greatest contiguous portion of the area undisturbed in order to facilitate wildlife travel through the connector; or

(III) when there is no feasible site for construction of buildings and other improvements outside the connector, designing the buildings and improvements to facilitate the continued viability of the connector for use by wildlife.

* * *

Sec. 11. 10 V.S.A. § 6088 is amended to read:

§ 6088. BURDEN OF PROOF

- (a) The burden shall be on the applicant with respect to subdivisions 6086(a)(1), (2), (3), (4), (8)(B) and (C), (9), and (10) of this title.
- (b) The Except for subdivisions 6086(a)(8)(B) and (C) of this title, the burden shall be on any party opposing the applicant with respect to subdivisions 6086(a)(5) through (8) of this title to show an unreasonable or adverse effect.

Sec. 12. 10 V.S.A. § 6094 is added to read:

§ 6094. MITIGATION OF FOREST BLOCKS AND HABITAT CONNECTORS

- (a) A District Commission may consider a proposal to mitigate, through compensation, the fragmentation of a forest block or habitat connector if the applicant demonstrates that it is not feasible to avoid or minimize fragmentation of the block or connector in accordance with the respective requirements of subdivision 6086(a)(8)(B) or (C) of this title. A District Commission may approve the proposal only if it finds that the proposal will meet the requirements of the rules adopted under this section and will preserve a forest block or habitat connector of similar quality and character to the block or connector affected by the development or subdivision.
- (b) The Natural Resources Board, in consultation with the Secretary of Natural Resources, shall adopt rules governing mitigation under this section.
- (1) The rules shall state the acreage ratio of forest block or habitat connector to be preserved in relation to the block or connector affected by the development or subdivision.
- (2) Compensation measures to be allowed under the rules shall be based on the ratio of land developed pursuant to subdivision (1) of this subsection and shall include:
- (A) Preservation of a forest block or habitat connector of similar quality and character to the block or connector that the development or subdivision will affect.
- (B) Deposit of an offsite mitigation fee into the Vermont Housing and Conservation Trust Fund under section 312 of this title.

- (i) This mitigation fee shall be derived as follows:
- (I) Determine the number of acres of forest block or habitat connector, or both, affected by the proposed development or subdivision.
- (II) Multiply this number of affected acres by the ratio set forth in the rules.
- (III) Multiply the resulting product by a "price-per-acre" value, which shall be based on the amount that the Commissioner of Forests, Parks and Recreation determines to be the recent, per-acre cost to acquire conservation easements for forest blocks and habitat connectors of similar quality and character in the same geographic region as the proposed development or subdivision.
- (ii) The Vermont Housing Conservation Board shall use such a fee to preserve a forest block or habitat connector of similar quality and character to the block or connector affected by the development or subdivision.
 - (C) Such other compensation measures as the rules may authorize.
- (c) The mitigation of impact on a forest block or a habitat connector, or both, shall be structured also to mitigate the impacts, under the criteria of subsection 6086(a) of this title other than subdivisions (8)(B) and (C), to land or resources within the block or connector.
- (d) All forest blocks and habitat connectors preserved pursuant to this section shall be protected by permanent conservation easements that grant development rights and include conservation restrictions and are conveyed to a qualified holder, as defined in section 821 of this title, with the ability to monitor and enforce easements in perpetuity.
- Sec. 13. RULE ADOPTION: SCHEDULE; GUIDANCE

(a) Rulemaking.

- (1) On or before September 1, 2018, the Natural Resources Board (NRB) shall file proposed rules with the Secretary of State to implement Sec. 12 of this act, 10 V.S.A. § 6094.
- (2) On or before March 1, 2019, the NRB shall finally adopt rules to implement Sec. 12 of this act, 10 V.S.A. § 6094, unless such deadline is extended by the Legislative Committee on Administrative Rules pursuant to 3 V.S.A. § 843(c).

(b) Guidance.

- (1) On or before May 1, 2019, the NRB shall develop guidance for the District Commissions, applicants, and other affected persons with respect to:
 - (A) the forest block and habitat connector criteria adopted under

Sec. 10 of this act, 10 V.S.A. § 6086(a)(8)(B) and (C); and

- (B) designing recreational trails, subdivisions, and developments to minimize impacts in a manner that complies with those criteria.
- (2) The NRB shall develop this guidance in collaboration with the Agency of Natural Resources (ANR). As part of developing this guidance, the NRB shall solicit input from affected parties and the public, including planners, developers, municipalities, environmental advocacy organizations, regional planning commissions, regional development corporations, and business advocacy organizations such as State and regional chambers of commerce.

Sec. 14. 10 V.S.A. § 127 is amended to read:

§ 127. RESOURCE MAPPING

- (a) On or before January 15, 2013, the The Secretary of Natural Resources (Secretary) shall complete and maintain resource mapping based on the Geographic Information System (GIS) or other technology. The mapping shall identify natural resources throughout the State, including forest blocks, that may be relevant to the consideration of energy projects and projects subject to chapter 151 of this title. The Center for Geographic Information shall be available to provide assistance to the Secretary in carrying out the GIS-based resource mapping.
- (b) The Secretary of Natural Resources shall consider the GIS-based resource maps developed under subsection (a) of this section when providing evidence and recommendations to the Public Service Board Utility Commission under 30 V.S.A. § 248(b)(5) and when commenting on or providing recommendations under chapter 151 of this title to District Commissions on other projects.
- (c) The Secretary shall establish and maintain written procedures that include a process and science-based criteria for updating resource maps developed under subsection (a) of this section. Before establishing or revising these procedures, the Secretary shall provide an opportunity for affected parties and the public to submit relevant information and recommendations.

Sec. 15. 24 V.S.A. § 4303 is amended to read:

§ 4303. DEFINITIONS

The following definitions shall apply throughout this chapter unless the context otherwise requires:

* * *

- (34) As used in subdivisions 4348a(a)(2) and 4382(a)(2) of this title:
 - (A) "Forest block" means a contiguous area of forest in any stage of

succession and not currently developed for nonforest use. A forest block may include recreational trails, wetlands, or other natural features that do not themselves possess tree cover, and uses exempt from regulation under subsection 4413(d) of this title.

- (35)(B) "Forest fragmentation" means the division or conversion of a forest block by land development other than by a recreational trail or use exempt from regulation under subsection 4413(d) of this title.
- (36)(C) "Habitat connector" means land or water, or both, that links patches of wildlife habitat within a landscape, allowing the movement, migration, and dispersal of animals and plants and the functioning of ecological processes. A habitat connector may include recreational trails and uses exempt from regulation under subsection 4413(d) of this title. In a plan or other document issued pursuant to this chapter, a municipality or regional plan commission may use the phrase "wildlife corridor" in lieu of "habitat connector."
- (37)(35) "Recreational As used in subdivision (34) of this section, "recreational trail" means a corridor that is not paved and that is used for hiking, walking, bicycling, cross-country skiing, snowmobiling, all-terrain vehicle riding, horseback riding, and other similar recreational activity.
 - * * * Forest Products Industry; Act 250 * * *
- Sec. 16. 10 V.S.A. § 6084 is amended to read:
- § 6084. NOTICE OF APPLICATION; HEARINGS; COMMENCEMENT OF REVIEW

* * *

- (g) When an application concerns the construction of improvements for one of the following, the application shall be processed as a minor application in accordance with subsections (b) through (e) of this section:
- (1) a sawmill that produces three and one-half million board feet or less annually; or
- (2) an operation that involves the primary processing of forest products of commercial value and that annually produces:
 - (A) 3,500 cords or less of firewood or cordwood; or
- (B) 10,000 tons or less of bole wood, whole tree chips, or wood pellets.
 - * * * Report; Harvest Notification; Trip Tickets * * *
- Sec. 17. REPORT; HARVEST NOTIFICATION; TRIP TICKETS
 - (a) On or before January 15, 2019, the Commissioner of Forests, Parks and

Recreation shall submit a written report with analysis and recommendations on each of the following:

- (1) whether to require a landowner on whose property timber harvest is to take place to file a harvest notification with the State of Vermont;
- (2) whether to require trip tickets for loads of forest products when transported from the location of a timber harvest to the location of first measurement or when transported after first measurement, or both; and
- (3) whether to require sawmills and other operations that involve the primary processing of forest products of commercial value to report annually the quantity of forest products processed.
- (b) For each potential requirement described in subsection (a) of this section, the Commissioner shall include recommendations on how to implement the requirement, should the General Assembly decide to adopt the requirement.
- (c) Prior to submitting the report, the Commissioner shall offer an opportunity for the public to submit relevant information and recommendations.
- (d) The Commissioner shall submit the report to the House Committees on Agriculture and Forest Products and on Natural Resources, Fish, and Wildlife and the Senate Committees on Agriculture and on Natural Resources and Energy.
- (e) In preparing the report, the Commissioner may use and build on prior relevant reports and submissions to the General Assembly.
 - * * * Forest Products Industry; Wood Energy; Supply * * *
- Sec. 18. PUBLIC BUILDINGS; WOOD ENERGY; VERMONT SUPPLIERS; REPORT
- (a) On or before December 15, 2018, the Commissioner of Buildings and General Services (Commissioner), in consultation with the Commissioner of Public Service, shall submit a written report and recommendation on the feasibility and impacts of requiring certain public buildings that use wood to produce heat or electricity, or both, to give preference to Vermont suppliers when making fuel supply purchases.
- (b) As used in this section, "public building" has the same meaning as in 20 V.S.A. § 2730.
- (c) The submission shall include the Commissioner's specific recommendations as to each of the following categories of public buildings:
 - (1) schools owned, occupied, or administered by municipalities;

- (2) other public buildings owned or occupied by the State of Vermont, counties, municipalities, or other public entities; and
- (3) public buildings in Vermont that receive incentives or financing, or both, from the State of Vermont and are not within the category described in subdivision (1) or (2) of this subsection.
- (d) The Commissioner shall submit the report and recommendation to the Senate Committees on Agriculture and on Natural Resources and Energy and the House Committees on Agriculture and Forestry and on Energy and Technology.
 - * * * Sales and Use Tax; Advanced Wood Boilers * * *
- Sec. 19. 32 V.S.A. § 9701 is amended to read:
- § 9701. DEFINITIONS

Unless the context in which they occur requires otherwise, the following terms when used in this chapter mean:

* * *

- (54) "Noncollecting vendor" means a vendor that sells tangible personal property or services to purchasers who are not exempt from the sales tax under this chapter, but that does not collect the Vermont sales tax.
 - (55) "Advanced wood boiler" means a boiler or furnace:
 - (A) installed as a primary central heating system;
- (B) rated as high-efficiency, meaning a higher heating value or gross calorific value of 85 percent or more;
- (C) containing at least one week fuel-storage, automated startup and shutdown, and fuel feed; and
- (D) meeting other efficiency and air emissions standards established by the Department of Environmental Conservation.
- Sec. 20. 32 V.S.A. § 9741 is amended to read:
- § 9741. SALES NOT COVERED

Retail sales and use of the following shall be exempt from the tax on retail sales imposed under section 9771 of this title and the use tax imposed under section 9773 of this title.

* * *

- (52) Advanced wood boilers, as defined in section 9701 of this title, whether for residential or commercial use.
- Sec. 21. 32 V.S.A. § 9706(II) is added to read:

(ll) The statutory purpose of the exemption for advanced wood boilers in subdivision 9741(52) of this title is to promote the forest products industry in Vermont by encouraging the purchase of modern wood heating systems.

* * * Effective Dates * * *

Sec. 22. EFFECTIVE DATES

- (a) This section and Secs. 1–4 (produce inspection), 5 (livestock transfer), 13 (rule adoption; schedule), 16 (Act 250 minor application; small sawmills), and 17 (report; harvest notification; trip tickets) shall take effect on passage.
- (b) Sec. 15 (definitions) shall take effect on January 1, 2019 and shall supersede 2016 Acts and Resolves No. 171, Sec. 15. Sec. 15 shall apply to municipal and regional plans adopted or amended on or after January 1, 2019.
- (c) Secs. 9 through 12 (forest habitat) shall take effect on May 1, 2019, except that on passage, Secs. 9 through 12 shall apply to the rulemaking and guidance under Sec. 13.
 - (d) All other sections shall take effect on July 1, 2018.

(Committee vote: 5-0-0)

Senator Bray

FOR THE COMMITTEE