1 TO THE HONORABLE SENATE:

2	The Committee on Natural Resources and Energy to which was referred
3	House Bill No. 904 entitled "An act relating to miscellaneous agricultural
4	subjects" respectfully reports that it has considered the same and recommends
5	that the Senate propose to the House that the bill be amended by striking out all
6	after the enacting clause and inserting in lieu thereof the following:
7	* * * Produce Inspection * * *
8	Sec. 1. 6 V.S.A. § 21(b) is amended to read:
9	(b) The Secretary shall have the authority to:
10	(1) respond to and remediate incidences of mass animal death,
11	agricultural structure fires, or other emergencies on a farm in order to prevent a
12	public health hazard;
13	(2) condemn, confiscate, or establish restrictions on the use, sale, or
14	distribution of adulterated raw agricultural commodities or animal feed; and
15	(3) cooperate with the Department of Health and other State and federal
16	agencies regarding:
17	(A) the prevention or remediation of the adulteration of raw
18	agricultural commodities, food, or animal feed on farms; and
19	(B) application of the FDA Food Safety Modernization Act,
20	21 U.S.C. §§ 2201-2252 Pub. L. No. 111-353, to farms, farm products, or
21	value-added products produced in the State.

1	Sec. 2. 6 V.S.A. § 852 is amended to read:
2	§ 852. AUTHORITY ; ENFORCEMENT
3	(a) The Secretary may enforce in the State the requirements of:
4	(1) the rules adopted under the federal U.S. Food and Drug
5	Administration Food Safety Modernization Act, Public Law No. 111-353, for
6	standards for growing, harvesting, packing, and holding of produce for human
7	consumption Standards for Growing, Harvesting, Packing, and Holding of
8	Produce for Human Consumption, 21 C.F.R. part 112; and
9	(2) the rules adopted under this chapter.
10	(b) The Agency may collaborate with the Vermont Department of Health
11	regarding application of the federal Food Safety Modernization Act and the
12	rules adopted thereunder U.S. Food and Drug Administration Food Safety
13	Modernization Act, Standards for Growing, Harvesting, Packing, and Holding
14	of Produce for Human Consumption, 21 C.F.R. part 112, and application of the
15	rules adopted under this chapter.
16	(c) The Secretary shall carry out the provisions of this chapter using:
17	(1) monies appropriated to the Agency by the federal government for the
18	purpose of administering the federal Food Safety Modernization Act and the
19	rules adopted thereunder;
20	(2) monies appropriated to the Agency by the State for the purpose of
21	administering this chapter; and

1	(3) other gifts, bequests, and donations by private entities for the
2	purposes of administering this chapter.
3	Sec. 3. 6 V.S.A. § 853 is amended to read:
4	§ 853. FARM INSPECTIONS
5	(a)(1) The Secretary may inspect a produce farm during reasonable hours
6	for the purposes of ensuring compliance with:
7	(A) the federal standards for growing, harvesting, packing, and
8	holding of produce for human consumption, as adopted under 21 C.F.R.
9	part 112; or
10	(B) the rules adopted under this chapter.
11	(2) This section shall not limit the Secretary's authority to respond to an
12	emergency in order to prevent a public health hazard under section 21 of this
13	title.
14	(b) After inspection, the Secretary may issue an inspection certificate that
15	shall include the date and place of inspection along with any other pertinent
16	facts that the Secretary may require.
17	(c) The Secretary may coordinate with other State agencies and
18	organizations to carry out inspections at or near the same time on a given
19	produce farm.

1	Sec. 4. 6 V.S.A. §§ 856 and 857 are added to read:
2	<u>§ 856. ENFORCEMENT; CORRECTIVE ACTIONS</u>
3	When the Secretary of Agriculture, Food and Markets determines that a
4	person is violating the rules listed in section 852 of this title, the Secretary may
5	issue a written warning that shall be served in person or by certified mail,
6	return receipt requested. A warning issued under this section shall include:
7	(1) a description of the alleged violation;
8	(2) identification of this section;
9	(3) identification of the applicable rule violated; and
10	(4) the required corrective action that the person shall take to correct the
11	violation.
12	<u>§ 857. ENFORCEMENT; ADMINISTRATIVE ORDERS</u>
13	(a) Notwithstanding the requirements of section 856 of this title, the
14	Secretary at any time may pursue one or more of the following:
15	(1) issue a cease and desist order in accordance to a person the Secretary
16	believes to be in violation of the rules listed in section 852 of this title;
17	(2) issue a verbal order or written administrative order to protect public
18	health, including orders for the stop sale, recall, embargo, destruction,
19	quarantine, and release of produce, when:
20	(A) the U.S. Food and Drug Administration requires immediate State
21	action; or

1	(B) an alleged violation, activity, or farm practice presents an
2	immediate threat to the public health or welfare;
3	(3) order mandatory corrective actions;
4	(4) take any action authorized under chapter 1 of this title;
5	(5) seek administrative or civil penalties in accordance with the
6	requirements of section 15, 16, or 17 of this title.
7	(b) When the Secretary of Agriculture, Food and Markets issues a cease
8	and desist order, written administrative order, or required corrective action
9	under subsection (a) of this section, the Secretary shall provide the person
10	subject to the order or corrective action with a statement that the order or
11	corrective action is effective upon receipt and the person has 15 days from the
12	date the order or corrective action was issued to request a hearing.
13	(c) If the Secretary of Agriculture, Food and Markets issues a verbal order
14	under this section, the Secretary shall issue written notice to the person subject
15	to the order within five days of the issuance of the verbal order. The written
16	notice shall include a statement that the person has 15 days from the date the
17	written notice was received to request a hearing.
18	(d) If a person who receives a cease and desist order, a verbal order, an
19	administrative order, or a mandatory corrective action under this section does
20	not request in writing a hearing within 15 days of receipt of the order or within
21	15 days of written notice for a verbal order, the person's right to a hearing is

1	waived. Upon receipt of a written request for a hearing, the Secretary
2	promptly shall set a date and time for a hearing. A request for a hearing on a
3	cease and desist order, verbal order, or administrative order issued under this
4	section shall not stay the order.
5	(e) A person aggrieved by a final action or decision of the Secretary under
6	this section may appeal de novo to the Civil Division of the Superior Court
7	within 30 days of the final decision of the Secretary.
8	* * * Livestock and Poultry Transport for Slaughter * * *
9	Sec. 5. 6 V.S.A. § 1461a(c) is amended to read:
10	(c) Livestock and poultry that are transported to a commercial slaughter
11	facility within the State shall not be removed from the facility without the
12	facility's owner owner's first obtaining written permission from the State
13	Veterinarian. For purposes of this section, arrival of the conveyance onto
14	facility property and the offloading of livestock or poultry constitutes transport
15	to a slaughter facility, regardless of whether the animals have been offloaded
16	or presented for antemortem inspection. The State Veterinarian may require
17	inspection and testing prior to issuing consent for removal.

1	* * * Farm and Forest Viability * * *
2	Sec. 6. 6 V.S.A. § 4710 is amended to read:
3	§ 4710. VERMONT FARM <u>AND FOREST</u> VIABILITY ENHANCEMENT
4	PROGRAM
5	(a) The Vermont Farm and Forest Viability Enhancement Program is a
6	voluntary program established in the Agency of Agriculture, Food and Markets
7	to provide assistance to Vermont farmers farm, food, and forest-sector
8	businesses to enhance the financial success and long-term viability of Vermont
9	agriculture agricultural and forest sectors. In administering the Program, the
10	Secretary shall:
11	(1) Collaborate with the Vermont Housing and Conservation Board, to
12	administer the program with other State and federal agencies, private entities,
13	and service groups to develop, coordinate, and provide technical and financial
14	assistance to Vermont farmers farm, food, and forest-sector businesses.
15	(2) Include teams of Secure and coordinate experts to assist farmers
16	farm, food, and forest-sector business owners in areas such as assessing farm
17	resources and potential business and financial planning, succession planning,
18	diversifying, adopting new technologies, improving product quality,
19	developing value-added products, and lowering costs of production for
20	Vermont's agricultural sector. The teams Providers may include farm business
21	management specialists, University of Vermont Extension professionals,

1	veterinarians, and other experts to deliver the informational and technological
2	educational and consulting services.
3	(3) Encourage agricultural or forest-sector economic development
4	through investing in improvements to essential infrastructure and the
5	promotion of farm businesses in Vermont these sectors.
6	(4) Enter into agreements with private organizations or individuals or
7	with any agency or instrumentality of the United States or of this State and
8	employ technical experts to carry out the purposes of this section.
9	(b) The farm viability enhancement program Farm and Forest Viability
10	Program shall be assisted by an advisory board consisting of ten 12 members
11	who shall include:
12	(1) The Secretary of Agriculture, Food and Markets. The Secretary
13	shall serve as Chair of the Board.
14	(2) <u>The Commissioner of Forests, Parks and Recreation or designee.</u>
15	(3) The Commissioner of Economic Development or designee.
16	(3)(4) The Manager of the Vermont Economic Development Authority
17	or designee.
18	(4)(5) The Director of University of Vermont Extension or designee.
19	(5)(6) The Executive Director of the Vermont Housing and
20	Conservation Board or designee.

1	(6)(7) Four Vermont farmers agricultural or forest-sector business
2	owners appointed by the Secretary of Agriculture, Food and Markets in
3	consultation with the Vermont Housing and Conservation Board and the
4	Commissioner of Forests, Parks and Recreation. The four farmers shall serve
5	two-year terms, except for the first year, two farmers chosen by the Chair shall
6	serve one year terms At least two of the four business owners shall be
7	agricultural-sector business owners.
8	(7)(8) A person who has Two people who have expertise in agricultural
9	or forest-sector economics, financing, or business planning development
10	appointed by the Secretary of Agriculture, Food and Markets in consultation
11	with the Vermont Housing and Conservation Board and the Commissioner of
12	Forests, Parks and Recreation.
13	(c) Members of the Advisory Board established in subsection (b) of this
14	section other than ex officio members shall serve up to three two-year terms
15	and shall be entitled to per diem expenses pursuant to 32 V.S.A. § 1010 for
16	each day spent in the performance of their duties, and each such member shall
17	be reimbursed from the fund created by this section for his or her reasonable
18	expenses incurred in carrying out his or her duties under this section.
19	(d) In consultation with the Advisory Board, the Secretary of Agriculture,
20	Food and Markets and the Vermont Housing and Conservation Board shall
21	establish grant criteria, performance goals, performance measures that

1	demonstrate Program results, and other criteria to implement the Program. The
2	grant criteria shall include at least the following requirements:
3	(1) the application is developed in consultation with the producers who
4	use or would use the Program and will address their needs;
5	(2) the use of the funds <u>available to the Program</u> is likely to succeed in
6	improving the economic viability of the farm and the farm's producers
7	business;
8	(3)(2) the producers are committed enrollees demonstrate commitment
9	to participating in the Program; and
10	(4)(3) an evaluation shall be completed by enrolled farmers in
11	conjunction with the teams enrollees.
12	(e)(1) The Farm Viability Enhancement Program Special Fund is
13	established in the State Treasury and shall be administered by the Secretary of
14	Agriculture, Food and Markets in accordance with the provisions of 32 V.S.A.
15	chapter 7, subchapter 5, except that interest earned on the fund shall be
16	retained in the Fund. The Fund shall be used only for the purpose of
17	implementing and effectuating the Farm Viability Enhancement Program
18	established by this section. There shall be deposited in such Fund any monies
19	appropriated by the General Assembly to, or received by, the Secretary of
20	Agriculture, Food and Markets from any other source, public or private. The
21	Fund shall be used only for the purposes of:

1	(A) providing funds for the Farm Viability Enhancement Program as
2	established in this section;
3	(B) providing funds to enrolled farmers;
4	(C) providing funds to service providers for administrative expenses
5	of the program; and
6	(D) leveraging other competitive public and private funds, grants,
7	and contributions for the Farm Viability Enhancement Program.
8	(2) The Secretary of Agriculture, Food and Markets, the Commissioner
9	of Forests, Parks and Recreation, and the Vermont Housing and Conservation
10	Board, separately or cooperatively, may solicit federal funds, grants, and
11	private contributions for the Farm and Forest Viability Enhancement Program,
12	but any Vermont Housing and Conservation Board funds used for the Farm
13	and Forest Viability Enhancement Program shall be administered in
14	accordance with 10 V.S.A. § 312.
15	(f)(1) In collaboration with the Vermont Housing and Conservation Board,
16	the Secretary of Agriculture, Food and Markets and the Commissioner of
17	Forests, Parks and Recreation, the Vermont Housing and Conservation Board
18	shall report in writing to the Senate Committee Committees on Agriculture and
19	on Economic Development, Housing and General Affairs and the House
20	Committee Committees on Agriculture and Forestry and on Commerce and
21	Economic Development on or before January 31 of each year with a report on

1	the activities and performance of the Farm <u>and Forest</u> Viability Enhancement
2	Program. At a minimum, the report shall include an evaluation of the Program
3	utilizing the performance goals and performance measures established in
4	consultation with the Advisory Board <u>under subsection (d) of this section</u> . The
5	report should assess potential demand for the Program over the succeeding
6	three years.
7	(2) The Agency of Agriculture, Food and Markets and the Vermont
8	Housing and Conservation Board shall describe in their annual budget
9	submissions plans to develop adequate State, federal, and private funds to carry
10	out this initiative.
11	(g)(1) The Agricultural Economic Development Special Account is
12	established as a dedicated sub-account of the Vermont Farm Viability
13	Enhancement Program Special Fund. There shall be deposited in such account
14	any monies:
15	(A) appropriated by the General Assembly to the account; and
16	(B) received by the State or the Secretary of Agriculture, Food and
17	Markets from any source, public or private, for use for any of the purposes for
18	which the account was established.
19	(2) The Fund shall only be used for the purposes of:
20	(A) encouraging private investment in the economic initiative; and

1	(B) providing incentives for technology businesses, determined by
2	the Agency of Agriculture, Food and Markets to provide critical technological
3	solutions for the growth of Vermont's agricultural economy.
4	(3) Assistance from the Agricultural Economic Development Special
5	Account shall be available in order to produce agricultural energy, harvest
6	biomass, convert biomass into energy, or enable installation and usage of wind,
7	solar, or other technology that relies on a resource that is being consumed at a
8	harvest rate at or below its natural regeneration rate pursuant to 30 V.S.A.
9	§ 8002(2), including:
10	(A) business and technical assistance for research and planning to aid
11	a farmer or a group of farmers in developing business enterprises;
12	(B) cost-effective implementation assistance to leverage other
13	sources of capital to assist a farmer or group of farmers in purchasing
14	equipment, technology, or other assistance; and
15	(C) business, technical, and implementation assistance to persons that
16	are not farmers for the development and implementation of technology or
17	development of facilities designed to produce agricultural energy, harvest
18	biomass, or convert biomass into energy, provided that the person is working
19	in consultation with a Vermont farm, is creating an enterprise that utilizes
20	Vermont resources, and provides Vermont a significant return on investment

1	and meets any financial and technical criteria established by the Secretary by
2	procedure. [Repealed.]
3	* * * Nutrient Management Plans * * *
4	Sec. 7. 6 V.S.A. § 4817 is added to read:
5	<u>§ 4817. NUTRIENT MANAGEMENT PLAN; REPORTING</u>
6	Annually, an owner or operator of a large farm, medium farm, or small farm
7	subject to small farm certification shall submit to the Secretary a digital or
8	electronic copy of the nutrient management plan required under this chapter.
9	A nutrient management plan submitted by an owner or operator of a farm
10	under this section shall identify the known location of outfalls of subsurface
11	tile drainage installed on the farm.
12	Sec. 8. SCHEDULE; SUBMISSION OF NUTRIENT MANAGEMENT
13	PLAN
14	An owner or operator of a farm subject to the nutrient management plan
15	reporting requirements of 6 V.S.A. § 4817 shall initiate submission of the
16	nutrient management plan according to the following schedule:
17	(1) the owner or operator of a large farm, beginning on February 15,
18	2019 and annually thereafter;
19	(2) the owner or operator of a medium farm, beginning on April 30,
20	2019 and annually thereafter; and

1	(3) the owner or operator of a small farm subject to certification,
2	beginning on January 31, 2021 and annually thereafter.
3	* * * Forest Habitat * * *
4	Sec. 9. 10 V.S.A. § 6001(38)–(42) are added to read:
5	(38) "Forest block" means a contiguous area of forest in any stage of
6	succession and not currently developed for nonforest use that is mapped as an
7	interior forest block within the 2016 interior forest block dataset created as part
8	of resource mapping under section 127 of this title, as that dataset may be
9	updated pursuant to procedures developed in accordance with that section. A
10	forest block may include recreational trails, wetlands, or other natural features
11	that do not themselves possess tree cover, and improvements constructed for
12	farming, logging, or forestry purposes.
13	(39) "Fragmentation" means the division or conversion of a forest block
14	or habitat connector by the separation of a parcel into two or more parcels; the
15	construction, conversion, relocation, or enlargement of any building or other
16	structure, or of any mining, excavation, or landfill; and any change in the use
17	of any building or other structure, or land, or extension of use of land.
18	However, fragmentation does not include the division or conversion of a forest
19	block or habitat connector by a recreational trail or by improvements
20	constructed for farming, logging, or forestry purposes below the elevation of
21	<u>2,500 feet.</u>

1	(40) "Habitat" means the physical and biological environment in which
2	a particular species of plant or animal lives.
3	(41) "Habitat connector" refers to land or water, or both, that links
4	patches of habitat within a landscape, allowing the movement, migration, and
5	dispersal of animals and plants and the functioning of ecological processes. A
6	habitat connector may include recreational trails and improvements
7	constructed for farming, logging, or forestry purposes.
8	(42) As used in subdivisions (38), (39), and (41) of this section,
9	"recreational trail" means a corridor that is not paved, and that is used for
10	recreational purposes, including hiking, walking, bicycling, cross-country
11	skiing, snowmobiling, all-terrain vehicle riding, and horseback riding.
12	Sec. 10. 10 V.S.A. § 6086 is amended to read:
13	§ 6086. ISSUANCE OF PERMIT; CONDITIONS AND CRITERIA
14	(a) Before granting a permit, the District Commission shall find that the
15	subdivision or development:
16	* * *
17	(8) Will not have an undue adverse effect on the scenic or natural beauty
18	of the area, aesthetics, historic sites, or rare and irreplaceable natural areas.
19	(A) Necessary wildlife habitat and endangered species. A permit will
20	not be granted if it is demonstrated by any party opposing the applicant that a

1	development or subdivision will destroy or significantly imperil necessary
2	wildlife habitat or any endangered species; and
3	(i) the economic, social, cultural, recreational, or other benefit to
4	the public from the development or subdivision will not outweigh the
5	economic, environmental, or recreational loss to the public from the
6	destruction or imperilment of the habitat or species; or
7	(ii) all feasible and reasonable means of preventing or lessening
8	the destruction, diminution, or imperilment of the habitat or species have not
9	been or will not continue to be applied; or
10	(iii) a reasonably acceptable alternative site is owned or controlled
11	by the applicant which would allow the development or subdivision to fulfill
12	its intended purpose.
13	(B) Forest blocks.
14	(i) A permit will not be granted for a development or subdivision
15	within or partially within a forest block unless the applicant demonstrates that:
16	(I) the development or subdivision will avoid fragmentation of
17	the forest block through the design of the project or the location of project
18	improvements, or both;
19	(II) it is not feasible to avoid fragmentation of the forest block
20	and the design of the development or subdivision minimizes fragmentation of
21	the forest block; or

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1	(III) it is not feasible to avoid or minimize fragmentation of the
2	forest block and the applicant will mitigate the fragmentation in accordance
3	with section 6094 of this title.
4	(ii) Methods for avoiding or minimizing the fragmentation of a
5	forest block may include:
6	(I) Locating buildings and other improvements and operating
7	the project in a manner that avoids or minimizes incursion into and disturbance
8	of the forest block, including clustering of buildings and associated
9	improvements.
10	(II) Designing roads, driveways, and utilities that serve the
11	development or subdivision to avoid or minimize fragmentation of the forest
12	block. Such design may be accomplished by following or sharing existing
13	features on the land such as roads, tree lines, stonewalls, and fence lines.
14	(C) Habitat connectors.
15	(i) A permit will not be granted for a development or subdivision
16	unless the applicant demonstrates that:
17	(I) the development or subdivision will avoid fragmentation of
18	a habitat connector through the design of the project or the location of project
19	improvements, or both;

1	(II) it is not feasible to avoid fragmentation of the habitat
2	connector and the design of the development or subdivision minimizes
3	fragmentation of the connector; or
4	(III) it is not feasible to avoid or minimize fragmentation of the
5	habitat connector and the applicant will mitigate the fragmentation in
6	accordance with section 6094 of this title.
7	(ii) Methods for avoiding or minimizing the fragmentation of a
8	habitat connector may include:
9	(I) locating buildings and other improvements at the farthest
10	feasible location from the center of the connector;
11	(II) designing the location of buildings and other improvements
12	to leave the greatest contiguous portion of the area undisturbed in order to
13	facilitate wildlife travel through the connector; or
14	(III) when there is no feasible site for construction of buildings
15	and other improvements outside the connector, designing the buildings and
16	improvements to facilitate the continued viability of the connector for use by
17	wildlife.
18	* * *

1	Sec. 11. 10 V.S.A. § 6088 is amended to read:
2	§ 6088. BURDEN OF PROOF
3	(a) The burden shall be on the applicant with respect to subdivisions
4	6086(a)(1), (2), (3), (4), (8)(B) and (C), (9), and (10) of this title.
5	(b) The Except for subdivisions 6086(a)(8)(B) and (C) of this title, the
6	burden shall be on any party opposing the applicant with respect to
7	subdivisions 6086(a)(5) through (8) of this title to show an unreasonable or
8	adverse effect.
9	Sec. 12. 10 V.S.A. § 6094 is added to read:
10	§ 6094. MITIGATION OF FOREST BLOCKS AND HABITAT
11	<u>CONNECTORS</u>
12	(a) A District Commission may consider a proposal to mitigate, through
13	compensation, the fragmentation of a forest block or habitat connector if the
14	applicant demonstrates that it is not feasible to avoid or minimize
15	fragmentation of the block or connector in accordance with the respective
16	requirements of subdivision 6086(a)(8)(B) or (C) of this title. A District
17	Commission may approve the proposal only if it finds that the proposal will
18	meet the requirements of the rules adopted under this section and will preserve
19	a forest block or habitat connector of similar quality and character to the block
20	or connector affected by the development or subdivision.

1	(b) The Natural Resources Board, in consultation with the Secretary of
2	Natural Resources, shall adopt rules governing mitigation under this section.
3	(1) The rules shall state the acreage ratio of forest block or habitat
4	connector to be preserved in relation to the block or connector affected by the
5	development or subdivision.
6	(2) Compensation measures to be allowed under the rules shall be based
7	on the ratio of land developed pursuant to subdivision (1) of this subsection
8	and shall include:
9	(A) Preservation of a forest block or habitat connector of similar
10	quality and character to the block or connector that the development or
11	subdivision will affect.
12	(B) Deposit of an offsite mitigation fee into the Vermont Housing
13	and Conservation Trust Fund under section 312 of this title.
14	(i) This mitigation fee shall be derived as follows:
15	(I) Determine the number of acres of forest block or habitat
16	connector, or both, affected by the proposed development or subdivision.
17	(II) Multiply this number of affected acres by the ratio set forth
18	in the rules.
19	(III) Multiply the resulting product by a "price-per-acre" value.
20	which shall be based on the amount that the Commissioner of Forests, Parks
21	and Recreation determines to be the recent, per-acre cost to acquire

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1	conservation easements for forest blocks and habitat connectors of similar
2	quality and character in the same geographic region as the proposed
3	development or subdivision.
4	(ii) The Vermont Housing Conservation Board shall use such a fee
5	to preserve a forest block or habitat connector of similar quality and character
6	to the block or connector affected by the development or subdivision.
7	(C) Such other compensation measures as the rules may authorize.
8	(c) The mitigation of impact on a forest block or a habitat connector, or
9	both, shall be structured also to mitigate the impacts, under the criteria of
10	subsection 6086(a) of this title other than subdivisions (8)(B) and (C), to land
11	or resources within the block or connector.
12	(d) All forest blocks and habitat connectors preserved pursuant to this
13	section shall be protected by permanent conservation easements that grant
14	development rights and include conservation restrictions and are conveyed to a
15	qualified holder, as defined in section 821 of this title, with the ability to
16	monitor and enforce easements in perpetuity.
17	Sec. 13. RULE ADOPTION: SCHEDULE; GUIDANCE
18	(a) Rulemaking.
19	(1) On or before September 1, 2018, the Natural Resources Board
20	(NRB) shall file proposed rules with the Secretary of State to implement
21	Sec. 12 of this act, 10 V.S.A. § 6094.

1	(2) On or before March 1, 2019, the NRB shall finally adopt rules to
2	implement Sec. 12 of this act, 10 V.S.A. § 6094, unless such deadline is
3	extended by the Legislative Committee on Administrative Rules pursuant to
4	<u>3 V.S.A. § 843(c).</u>
5	(b) Guidance.
6	(1) On or before May 1, 2019, the NRB shall develop guidance for the
7	District Commissions, applicants, and other affected persons with respect to:
8	(A) the forest block and habitat connector criteria adopted under
9	Sec. 10 of this act, 10 V.S.A. § 6086(a)(8)(B) and (C); and
10	(B) designing recreational trails, subdivisions, and developments to
11	minimize impacts in a manner that complies with those criteria.
12	(2) The NRB shall develop this guidance in collaboration with the
13	Agency of Natural Resources (ANR). As part of developing this guidance, the
14	NRB shall solicit input from affected parties and the public, including
15	planners, developers, municipalities, environmental advocacy organizations,
16	regional planning commissions, regional development corporations, and
17	business advocacy organizations such as State and regional chambers of
18	commerce.

1	Sec. 14. 10 V.S.A. § 127 is amended to read:
2	§ 127. RESOURCE MAPPING
3	(a) On or before January 15, 2013, the The Secretary of Natural Resources
4	(Secretary) shall complete and maintain resource mapping based on the
5	Geographic Information System (GIS) or other technology. The mapping shall
6	identify natural resources throughout the State, including forest blocks, that
7	may be relevant to the consideration of energy projects and projects subject to
8	chapter 151 of this title. The Center for Geographic Information shall be
9	available to provide assistance to the Secretary in carrying out the GIS-based
10	resource mapping.
11	(b) The Secretary of Natural Resources shall consider the GIS based
12	resource maps developed under subsection (a) of this section when providing
13	evidence and recommendations to the Public Service Board Utility
14	Commission under 30 V.S.A. § 248(b)(5) and when commenting on or
15	providing recommendations under chapter 151 of this title to District
16	Commissions on other projects.
17	(c) The Secretary shall establish and maintain written procedures that
18	include a process and science-based criteria for updating resource maps
19	developed under subsection (a) of this section. Before establishing or revising
20	these procedures, the Secretary shall provide an opportunity for affected parties
21	and the public to submit relevant information and recommendations.

1	Sec. 15. 24 V.S.A. § 4303 is amended to read:
2	§ 4303. DEFINITIONS
3	The following definitions shall apply throughout this chapter unless the
4	context otherwise requires:
5	* * *
6	(34) As used in subdivisions 4348a(a)(2) and 4382(a)(2) of this title:
7	(A) "Forest block" means a contiguous area of forest in any stage of
8	succession and not currently developed for nonforest use. A forest block may
9	include recreational trails, wetlands, or other natural features that do not
10	themselves possess tree cover, and uses exempt from regulation under
11	subsection 4413(d) of this title.
12	(35)(B) "Forest fragmentation" means the division or conversion of a
13	forest block by land development other than by a recreational trail or use
14	exempt from regulation under subsection 4413(d) of this title.
15	(36)(C) "Habitat connector" means land or water, or both, that links
16	patches of wildlife habitat within a landscape, allowing the movement,
17	migration, and dispersal of animals and plants and the functioning of
18	ecological processes. A habitat connector may include recreational trails and
19	uses exempt from regulation under subsection 4413(d) of this title. In a plan or
20	other document issued pursuant to this chapter, a municipality or regional plan

1	commission may use the phrase "wildlife corridor" in lieu of "habitat
2	connector."
3	(37)(35) "Recreational As used in subdivision (34) of this section,
4	"recreational trail" means a corridor that is not paved and that is used for
5	hiking, walking, bicycling, cross-country skiing, snowmobiling, all-terrain
6	vehicle riding, horseback riding, and other similar recreational activity.
7	* * * Forest Products Industry; Act 250 * * *
8	Sec. 16. 10 V.S.A. § 6084 is amended to read:
9	§ 6084. NOTICE OF APPLICATION; HEARINGS; COMMENCEMENT OF
10	REVIEW
11	* * *
12	(g) When an application concerns the construction of improvements for one
13	of the following, the application shall be processed as a minor application in
14	accordance with subsections (b) through (e) of this section:
14 15	accordance with subsections (b) through (e) of this section: (1) a sawmill that produces three and one-half million board feet or less
15	(1) a sawmill that produces three and one-half million board feet or less
15 16	(1) a sawmill that produces three and one-half million board feet or less annually; or
15 16 17	 (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
15 16 17 18	 (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:

1	* * * Report; Harvest Notification; Trip Tickets * * *
2	Sec. 17. REPORT; HARVEST NOTIFICATION; TRIP TICKETS
3	(a) On or before January 15, 2019, the Commissioner of Forests, Parks and
4	Recreation shall submit a written report with analysis and recommendations on
5	each of the following:
6	(1) whether to require a landowner on whose property timber harvest is
7	to take place to file a harvest notification with the State of Vermont;
8	(2) whether to require trip tickets for loads of forest products when
9	transported from the location of a timber harvest to the location of first
10	measurement or when transported after first measurement, or both; and
11	(3) whether to require sawmills and other operations that involve the
12	primary processing of forest products of commercial value to report annually
13	the quantity of forest products processed.
14	(b) For each potential requirement described in subsection (a) of this
15	section, the Commissioner shall include recommendations on how to
16	implement the requirement, should the General Assembly decide to adopt the
17	requirement.
18	(c) Prior to submitting the report, the Commissioner shall offer an
19	opportunity for the public to submit relevant information and
20	recommendations.

1	(d) The Commissioner shall submit the report to the House Committees on
2	Agriculture and Forest Products and on Natural Resources, Fish, and Wildlife
3	and the Senate Committees on Agriculture and on Natural Resources and
4	Energy.
5	(e) In preparing the report, the Commissioner may use and build on prior
6	relevant reports and submissions to the General Assembly.
7	* * * Forest Products Industry; Wood Energy; Supply * * *
8	Sec. 18. PUBLIC BUILDINGS; WOOD ENERGY; VERMONT
9	SUPPLIERS; REPORT
10	(a) On or before December 15, 2018, the Commissioner of Buildings and
11	General Services (Commissioner), in consultation with the Commissioner of
12	Public Service, shall submit a written report and recommendation on the
13	feasibility and impacts of requiring certain public buildings that use wood to
14	produce heat or electricity, or both, to give preference to Vermont suppliers
15	when making fuel supply purchases.
16	(b) As used in this section, "public building" has the same meaning as in
17	<u>20 V.S.A. § 2730.</u>
18	(c) The submission shall include the Commissioner's specific
19	recommendations as to each of the following categories of public buildings:
20	(1) schools owned, occupied, or administered by municipalities;

1	(2) other public buildings owned or occupied by the State of Vermont,
2	counties, municipalities, or other public entities; and
3	(3) public buildings in Vermont that receive incentives or financing, or
4	both, from the State of Vermont and are not within the category described in
5	subdivision (1) or (2) of this subsection.
6	(d) The Commissioner shall submit the report and recommendation to the
7	Senate Committees on Agriculture and on Natural Resources and Energy and
8	the House Committees on Agriculture and Forestry and on Energy and
9	Technology.
10	* * * Sales and Use Tax; Advanced Wood Boilers * * *
11	Sec. 19. 32 V.S.A. § 9701 is amended to read:
12	§ 9701. DEFINITIONS
13	Unless the context in which they occur requires otherwise, the following
14	terms when used in this chapter mean:
15	* * *
16	(54) "Noncollecting vendor" means a vendor that sells tangible personal
17	property or services to purchasers who are not exempt from the sales tax under
18	this chapter, but that does not collect the Vermont sales tax.
19	(55) "Advanced wood boiler" means a boiler or furnace:
20	(A) installed as a primary central heating system;

1	(B) rated as high-efficiency, meaning a higher heating value or gross
2	calorific value of 85 percent or more;
3	(C) containing at least one week fuel-storage, automated startup and
4	shutdown, and fuel feed; and
5	(D) meeting other efficiency and air emissions standards established
6	by the Department of Environmental Conservation.
7	Sec. 20. 32 V.S.A. § 9741 is amended to read:
8	§ 9741. SALES NOT COVERED
9	Retail sales and use of the following shall be exempt from the tax on retail
10	sales imposed under section 9771 of this title and the use tax imposed under
11	section 9773 of this title.
12	* * *
13	(52) Advanced wood boilers, as defined in section 9701 of this title,
14	whether for residential or commercial use.
15	Sec. 21. 32 V.S.A. § 9706(ll) is added to read:
16	(ll) The statutory purpose of the exemption for advanced wood boilers in
17	subdivision 9741(52) of this title is to promote the forest products industry in
18	Vermont by encouraging the purchase of modern wood heating systems.

1	* * * Effective Dates * * *
2	Sec. 22. EFFECTIVE DATES
3	(a) This section and Secs. 1–4 (produce inspection), 5 (livestock transfer),
4	13 (rule adoption; schedule), 16 (Act 250 minor application; small sawmills),
5	and 17 (report; harvest notification; trip tickets) shall take effect on passage.
6	(b) Sec. 15 (definitions) shall take effect on January 1, 2019 and shall
7	supersede 2016 Acts and Resolves No. 171, Sec. 15. Sec. 15 shall apply to
8	municipal and regional plans adopted or amended on or after January 1, 2019.
9	(c) Secs. 9 through 12 (forest habitat) shall take effect on May 1, 2019,
10	except that on passage, Secs. 9 through 12 shall apply to the rulemaking and
11	guidance under Sec. 13.
12	(d) All other sections shall take effect on July 1, 2018.
13	
14	
15	(Committee vote:)
16	
17	Senator
18	FOR THE COMMITTEE