

SENATE BILL No. 842

September 22, 1993, Introduced by Senators POLLACK, DINGELL, CARL, GEAKE, MC MANUS and KOIVISTO and referred to the Committee on Natural Resources and Environmental Affairs.

A bill to provide for the regulation and management of certain compostable materials; to prescribe the powers and duties of certain state and local agencies and officials; to authorize certain fees; and to prescribe penalties and provide remedies.

THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

- 1 Sec. 1. This act shall be known and may be cited as the
- 2 "compostable materials management act".
- 3 Sec. 2. As used in this act, the words and phrases defined
- 4 in sections 3 to 5 have the meanings ascribed to them in those
- 5 sections.
- 6 Sec. 3. (1) "Aerobic" means an environment where the bio-
- 7 logical decomposition of organic materials is freely exposed to
- 8 oxygen and little offensive odor is produced.
- 9 (2) "Agronomic rate" means application of yard clippings or
- 10 compost materials in a manner that provides the nitrogen or other

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- 1 nutrient needs of a crop, but does not overload the soil with
- 2 nutrients or metals that may eventually leach, limit crop growth,
- 3 or adversely impact soil quality, and is consistent with the
- 4 "generally accepted agricultural and management practices for
- 5 nutrient utilization" as adopted annually by the commission of
- 6 agriculture, pursuant to the Michigan right-to-farm act, Act
- 7 No. 93 of the Public Acts of 1981, being sections 286.471 to
- 8 286.474 of the Michigan Compiled Laws.
- 9 (3) "Anaerobic" means an environment where the biological
- 10 decomposition of organic materials is not freely exposed to
- 11 oxygen, and hydrogen sulfide, ammonia-like compounds, and other
- 12 compounds with offensive odors may be produced.
- 13 (4) "Bond" means a surety bond from a surety company autho-
- 14 rized to transact business in this state, a certificate of depos-
- 15 it, a cash bond, or an irrevocable letter of credit.
- 16 (5) "Carbonaceous yard clippings" means that portion of the
- 17 yard clipping stream that has high carbon content, including, but
- 18 not limited to, leaves, straw, hay, wood chips, sawdust, corn-
- 19 stalks, or unpainted Christmas trees.
- 20 (6) "Closure" means the permanent termination or abandonment
- 21 of all composting or other related activities on the site of a
- 22 compost facility.
- 23 (7) "Compost facility" or "facility" means a yard clipping
- 24 management area that has on location or is processing 1,500 cubic
- 25 yards or more annually of yard clippings where the yard clippings
- 26 are processed using aerobic composting technology that may

- 1 include physical turning, windrowing, aeration, static piles, or
- 2 other mechanical handling of organic matter.
- 3 (8) "Composting" means the process by which biological
- 4 decomposing of organic solid matter is carried out under con-
- 5 trolled aerobic conditions and which stabilizes the organic frac-
- 6 tion into a material that can easily and safely be stored, han-
- 7 dled, and used in an environmentally acceptable manner.
- 8 Composting may include the presence of limited anaerobic zones
- 9 within the material.
- 10 (9) "Curing" means the last stage of composting that occurs
- 11 after much of the readily metabolized material has decomposed.
- 12 Curing provides for additional stabilization by soil-dwelling
- 13 microorganisms.
- 14 (10) "Curing area" means an area where organic material that
- 15 has undergone the rapid initial stage of composting is further
- 16 stabilized into a humus-like material, typically by allowing
- 17 piled material to simply remain untouched for a month or more.
- 18 Sec. 4. (1) "Department" means the department of natural
- 19 resources.
- 20 (2) "Farm" means land, buildings, and machinery used in the
- 21 production of farm products.
- 22 (3) "Health department" means a city, county, or district
- 23 department of health.
- 24 (4) "High volume compost facility" means a location that
- 25 receives 50,000 or more cubic yards of yard clippings annually.
- 26 (5) "In vessel facility" means a composting facility that is
- 27 located in an enclosed structure with a rigid frame.

- 1 (6) "Leachate" from compost means the liquid that has come
- 2 in contact with or percolated through yard clippings and contains
- 3 extracted, dissolved, or suspended material.
- 4 (7) "Local unit of government" means a county, city, town-
- 5 ship, or village.
- 6 (8) "Low volume compost facility" means a location that
- 7 receives between 1,500 cubic yards and 10,000 cubic yards of yard
- 8 clippings annually.
- 9 (9) "Medium volume compost facility" means a location that
- 10 receives between 10,001 and 50,000 cubic yards of yard clippings
- 11 annually.
- 12 (10) "Nitrogenous yard clippings" means that portion of the
- 13 yard clippings stream that has high nitrogen content including,
- 14 but not limited to, grass clippings or other typically green
- 15 material.
- Sec. 5. (1) "Operator" means the person responsible for the
- 17 operation or management of a compost facility.
- (2) "Owner" means a person who holds an ownership interest
- 19 in the property on which composting occurs.
- 20 (3) "Permit" means a permit issued by a local unit of gov-
- 21 ernment issued pursuant to this act to construct or operate a
- 22 low, medium, or high volume compost facility.
- (4) "Person" means an individual, partnership, corporation,
- 24 association, governmental entity, or other entity.
- 25 (5) "Windrow" means the arrangement of compostables in rows
- 26 to facilitate and maximize the process of aerobic composting.

- 1 (6) "Wood" or "woodchips" means wood and wooden products
- 2 that have not been painted, treated, stained, contaminated, or
- 3 finished in any way, including, but not limited to, pallets and
- 4 lumber.
- 5 (7) "Yard clippings" means leaves, grass clippings, vegeta-
- 6 ble or other garden debris, shrubbery, brush or tree trimmings
- 7 less than 4 feet in length and 2 inches in diameter, or woodchips
- 8 that can be converted to compost humus. Yard clippings do not
- 9 include stumps, agricultural wastes, animal waste, roots, sewage
- 10 sludge, or garbage.
- 11 Sec. 6. (1) Except as otherwise provided in this section,
- 12 yard clippings shall be processed in a compost facility estab-
- 13 lished pursuant to this act.
- 14 (2) The requirement of subsection (1) does not apply to any
- 15 of the following which does not cause a nuisance:
- 16 (a) A location that receives less than 1,500 cubic yards of
- 17 yard clippings annually, of which not more than 30% are nitroge-
- 18 nous yard clippings by volume.
- 19 (b) A location where yard clippings are directly applied to
- 20 agricultural lands at agronomic rates.
- 21 (c) A farm or commercial or residential location where only
- 22 yard clippings generated at that location are managed within the
- 23 boundaries of that location.
- 24 (d) A composting pilot project conducted for scientific
- 25 research with an accredited university or college.
- 26 Sec. 7. (1) A person shall not construct or operate a low,
- 27 medium, or high volume compost facility in this state unless the

- 1 compost facility applies for and obtains a permit from a local
- 2 unit of government issued pursuant to this act, or if the local
- 3 unit of government in which the compost facility is located does
- 4 not elect to issue permits, the person complies with section 10
- 5 and all other applicable sections of this act.
- 6 (2) The application for a permit shall contain the name and
- 7 residence of the applicant, the property owner, and the operator,
- 8 the location of the proposed or existing compost facility, and
- 9 other information the local unit of government considers
- 10 necessary.
- 11 (3) In addition to the requirements of subsection (2), an
- 12 application for a volume compost facility shall, at a minimum,
- 13 include all of the following:
- 14 (a) A vicinity map at a scale of not less than 1:1,200 with
- 15 the proposed facility centered in and depicting an area of not
- 16 less than 1 mile from the facility boundaries, clearly indicating
- 17 the zoning and land uses, adjacent activities, surface waters,
- 18 wetland, roads, airports, historic sites, residential structures,
- 19 churches, hospitals, schools, and business and industrial
- 20 settings.
- 21 (b) A complete set of engineering plans. Engineering plans
- 22 shall be submitted to the local unit of government, drawn to a
- 23 scale of not over 200 feet to the inch. Plans for a high and a
- 24 medium volume compost facility shall be approved by a registered
- 25 professional engineer. The plans for low, medium, and high
- 26 volume compost facilities shall include the following:

- 1 (i) The location of the facility as shown on a vicinity 2 map.
- 3 (ii) Design capacity of the facility expressed in the cubic
- 4 yards of yard clippings that the site is capable of receiving and
- 5 processing annually.
- 6 (iii) Access route, traffic patterns, location of public
- 7 roadways, habitable structures, and places of public use on or
- 8 within 2,000 feet of the site and other properties potentially
- 9 influenced by the facility.
- 10 (iv) Facility soil classification to a depth of at least 3
- 11 feet below original and final contour elevations.
- 12 (v) Topographic map detail with maximum 2-foot contour
- 13 intervals, a written legal description, and a site boundary map.
- 14 (vi) Means of limiting access to the facility, such as fenc-
- 15 ing, gates, berms, natural barriers, or other methods.
- 16 (vii) Details of a permanent method of runoff collection and
- 17 detention basin storage including drainage patterns, ditching,
- 18 and basin design calculations.
- 19 (viii) Detailed drawings showing existing and proposed
- 20 structures, equipment, including scales, if any, utilities, fire
- 21 hydrants available to the facility, wells, ditches, and wetlands
- 22 or flood plains on or within 200 feet of the facility.
- 23 (ix) General layout of equipment and flow pattern.
- 24 (x) Location, direction, size, number of windrows and loca-
- 25 tion of staging areas, stockpiling areas, brush storage, product
- 26 storage, bulking agents, active composting area, and curing
- 27 area.

- 1 (xi) A detailed narrative, in paragraph form, of the
- 2 facility's procedure for handling waste materials, material
- 3 received after operating hours, dust, odors, fire, and daily
- 4 cleanup procedures.
- 5 (c) A facility management plan, including a contingency
- 6 abatement plan as described in section 8.
- 7 (d) A description of the existing environment including veg-
- 8 etation, wetland, fauna, current and historical use, a general
- 9 description of the anticipated environmental impact of the pro-
- 10 posed facility, and any mitigating measures proposed to minimize
- 11 impact.
- 12 (4) A local unit of government shall make a final decision
- 13 as to whether to issue a permit for a compost facility within 90
- 14 days after the local unit of government receives an administra-
- 15 tively complete application. If the local unit of government
- 16 fails to make a final decision within 90 days, the permit shall
- 17 be considered issued.
- 18 (5) A local unit of government may provide for renewable
- 19 permits. A renewable permit shall be issued for a period of at
- 20 least 5 years. A local unit of government may revoke a permit or
- 21 deny a permit application for just cause.
- 22 (6) Notwithstanding any other section of this act, each
- 23 local unit of government may limit the amount of nitrogenous yard
- 24 clippings that a facility may receive if the local unit of gov-
- 25 ernment determines that there are insufficient carbonaceous yard
- 26 clippings on-site.

- 1 Sec. 8. In addition to the requirements of section 7, prior
- 2 to commencement of the operation of a compost facility, the
- 3 operator shall develop a written contingency abatement plan to
- 4 provide for corrections of any operational deficiencies that may
- 5 occur at the facility. The operator shall provide a copy of the
- 6 plan to the local unit of government in which the facility is to
- 7 operate and the county health department. The plan shall, at a
- 8 minimum, specify all of the following:
- 9 (a) Identification of supervisory personnel responsible for
- 10 putting the abatement plan into effect and the method by which
- 11 supervisory personnel may be contacted. This information shall
- 12 be posted on the site.
- (b) Mechanisms by which offending odors, contaminated runoff
- 14 or other leachate, or other operational deficiencies will be
- 15 eliminated.
- 16 (c) Method by which incoming material will be halted, han-
- 17 dled, or directed to an alternate facility.
- 18 (d) Criteria and method by which routine operations will
- 19 recommence.
- 20 (e) A contingency plan in the event of equipment breakdown.
- Sec. 9. (1) An ordinance passed pursuant to this act may
- 22 require:
- 23 (a) An application fee that is limited to the reasonable
- 24 cost of processing a permit required under section 7.
- 25 (b) An annual fee, that may be based on the volume of com-
- 26 post material received at a facility, for reasonable costs

- 1 incurred by the local unit of government in regulating composting
- 2 facilities within its jurisdiction.
- 3 (c) The posting of a performance bond or other financial
- 4 mechanism adequate to address potential liability expenses and
- 5 closure costs.
- 6 (2) A county's designated solid waste management planning
- 7 agency may require that the information received pursuant to
- 8 section 10 be accompanied by a fee that is limited to the reason-
- 9 able cost of maintaining those records.
- 10 Sec. 10. If a local unit of government in which a compost
- 11 facility is located or is proposed to be located does not regu-
- 12 late compost facilities as authorized under this act, a person
- 13 who seeks to operate or continue operating a facility in that
- 14 county shall file all of the following with a designated solid
- 15 waste management planning agency, or its equivalent designated by
- 16 the local unit of government:
- 17 (a) For a low volume compost facility:
- (i) Proof of compliance with all relevant local
- 19 requirements.
- 20 (ii) All of the information required under section 7(2),
- 21 7(3)(a), 7(3)(b)(ix) to (xi), and 7(3)(c).
- 22 (iii) A certification by the owner or operator that the
- 23 facility will operate in full compliance with this act.
- 24 (b) For a medium or high volume compost facility:
- 25 (i) Proof of compliance with all relevant local
- 26 requirements.

- 1 (ii) All the information required under section 7(3)(a) to
- 2 (d).
- 3 (iii) A certification by the owner or operator that the
- 4 facility will operate in full compliance with this act.
- 5 Sec. 11. A compost facility shall comply with all of the
- 6 following isolation distances:
- 7 (a) The materials storage, curing, processing, and compost-
- 8 ing areas of a compost facility shall not be located within any
- 9 of the following:
- 10 (i) A 100-year flood plain.
- 11 (ii) 200 feet of a flowing or intermittent creek, stream, or
- 12 lake.
- 13 (iii) 100 feet of a private water supply well or noncommu-
- 14 nity water supply well.
- 15 (iv) 200 feet of a community water supply well.
- 16 (v) 100 feet of a wetland.
- 17 (vi) An area with the highest seasonal water table within 4
- 18 feet of final grade.
- 19 (b) The materials storage, curing, processing, and compost-
- 20 ing areas of all compost facilities shall be located in compli-
- 21 ance with wellhead protection area provisions provided for in the
- 22 safe drinking water act, Act No. 399 of the Public Acts of 1976,
- 23 being sections 325.1001 to 325.1023 of the Michigan Compiled
- 24 Laws.
- (c) Composting, storage, transfer, or loading activities at
- 26 a compost facility shall be located in compliance with the
- 27 following:

- 1 (i) A high volume compost facility shall maintain an
- 2 isolation distance of at least 800 feet from the nearest property
- 3 line of each residence, school, hospital, or nursing home.
- 4 (ii) A medium volume compost facility shall maintain an iso-
- 5 lation distance of at least 700 feet from the nearest property
- 6 line of each residence, school, hospital, or nursing home.
- 7 (iii) A low volume compost facility shall maintain an isola-
- 8 tion distance of at least 450 feet from the nearest property line
- 9 of each residence, school, hospital, or nursing home.
- 10 (d) A compost facility shall include at a minimum 1 acre of
- 11 composting or curing pad land for every 5,000 cubic yards of
- 12 material on site.
- 13 (e) A compost facility shall retain wooded vegetation strips
- 14 on its perimeters to visually isolate the facility from residen-
- 15 tial and commercial sites and minimize the generation and impact
- 16 of odors.
- 17 (f) All site access roads for vehicles bringing compostables
- 18 to a compost facility shall be approved by the county road com-
- 19 mission for the county in which the facility is located.
- Sec. 12. (1) A compost facility shall be operated to
- 21 achieve or maintain all of the following conditions within the
- 22 compost that the facility processes:
- 23 (a) Available carbon to nitrogen ratio of 20:1 to 40:1, the
- 24 optimal ratio being 25:1 to 30:1.
- 25 (b) Moisture content within the range of 40% to 65%.
- 26 (c) Oxygen concentration greater than 5%.

- 1 (d) Temperature during active composting between 110° to
- 2 160° Fahrenheit or 43° to 71° Celsius, the optimum being 140°
- 3 Fahrenheit or 60° Celsius.
- 4 (e) A pH range within 5.5 to 9.0, the optimal range being
- 5 6.5 to 8.5.
- 6 (f) A bulk density less than 40 pounds per cubic foot.
- 7 (2) The operator of a compost facility shall provide suffi-
- 8 cient equipment on-site or have readily available sufficient
- 9 equipment to manage the composting process. Temperature, mois-
- 10 ture content, and pH content of compost piles shall be monitored
- 11 regularly and site-specified turning or other aeration criteria
- 12 shall be developed by the compost facility operator.
- 13 (3) The owner or operator of a compost facility shall test
- 14 the final product of the facility at least annually for heavy
- 15 metals and organic chemicals.
- 16 Sec. 13. A compost facility shall meet all of the following
- 17 accessibility and surface condition specifications, and facility
- 18 operation requirements or the equivalents to these
- 19 specifications:
- 20 (a) Year-round accessibility to all storage, curing, pro-
- 21 cessing, and composting areas of a compost facility with a sur-
- 22 face capable of supporting rescue equipment, emergency vehicles,
- 23 and equipment necessary for the operation of the facility in
- 24 accordance with this act.
- 25 (b) Unless soils are sufficiently permeable not to allow
- 26 standing water, the site of composting activities shall be
- 27 located to provide all weather access and positive site

- 1 drainage. Access roads, windrow pads, curing pads, and other
- 2 weight bearing surfaces shall be capable of supporting proposed
- 3 facility equipment under both wet and dry conditions without
- 4 developing penetration allowing water accumulation. At a mini-
- 5 mum, the surface shall be prepared to include at least a 2% slope
- 6 in 1 direction and an engineered pad surface consisting of a min-
- 7 imum of 4 inches of compacted gravel over a compacted base
- 8 material.
- 9 (c) The site of all composting activities shall be con-
- 10 structed in a manner consistent with the requirements of the
- 11 county or local soil erosion and sedimentation control agency.
- Sec. 14. A compost facility shall operate in compliance
- 13 with all of the following:
- 14 (a) Only yard clippings and other source separated materials
- 15 as provided in subdivision (b) may be received, processed, com-
- 16 posted, cured, or stored by a facility. Composting of other
- 17 materials at a compost facility is prohibited.
- 18 (b) Only yard clippings shall be received in a compost
- 19 facility. The department may approve other source separated
- 20 materials to be composted at a compost facility in an aggregate
- 21 amount as necessary to balance the carbon and nitrogen rates, if
- 22 chemical, physical, or biological features do not compromise the
- 23 composting process or the resulting product.
- 24 (c) All compost facilities for yard clippings shall use only
- 25 aerobic composting methods and shall operate in a manner that
- 26 minimizes anaerobic composting from occurring. A compost
- 27 facility designed for anaerobic composting or utilizing anaerobic

- 1 composting as a means of composting is not permitted unless
- 2 approved by a local unit of government or the department.
- 3 (d) Any bagged yard clippings received by a compost facility
- 4 shall be debagged within 36 hours after delivery to the
- 5 facility. Any nitrogenous yard clippings shall be mixed with
- 6 carbonaceous yard clippings within 36 hours of delivery to the
- 7 compost facility.
- 8 (e) Manage leachate surface water runoff draining from com-
- 9 posting operations in accordance with the applicable federal,
- 10 state, and county health department rules and regulations.
- 11 (f) The operator of a compost facility shall not allow com-
- 12 posted materials to accumulate for more than 3 years before being
- 13 removed from the site unless a longer period is approved by the
- 14 permitting authority or the director of the department of natural
- 15 resources or the director of the department of agriculture.
- 16 (g) Compostables are stored or maintained at a height of 8
- 17 feet or less unless the compost facility has a working windrow
- 18 turner on site capable of turning windrows greater than 8 feet.
- 19 (h) Maintain adequate covered waste containers to move non-
- 20 compostable materials to proper disposal facilities on a timely
- 21 and regular basis.
- (i) An operator shall not allow debris or litter on a public
- 23 right-of-way or off site.
- 24 (j) Beginning on March 28, 1995, a compost facility shall
- 25 not accept yard clippings that are contained in plastic bags.
- 26 (k) A compost facility operator shall prevent the emission
- 27 of offensive odors or air contaminants in quantities or under

- 1 conditions that are injurious or a nuisance to public health,
- 2 safety, and welfare and the environment.
- 3 (1) Any exterior lighting at the compost facility shall be
- 4 shielded or capped to minimize off-site lighting.
- 5 (m) Noise and vibration emanating from a compost facility
- 6 shall not exceed standards established in statutes, ordinances,
- 7 and regulations of the local governmental unit, county, or the
- 8 state. In the absence of other generally accepted noise regula-
- 9 tions, the following standards apply:
- 10 (i) Operation of the proposed compost facility shall not
- 11 result in noise exceeding the following levels for specified
- 12 adjacent land uses when measured at the common property line
- 13 nearest the active work area:
- 14 Adjacent Land Use Maximum Sound Level
- Residential 75 dba
- 16 Commercial 85 dba
- 17 Industrial 90 dba
- 18 (ii) Objectionable noises due to intermittence, beat, fre-
- 19 quency, or shrillness shall be muffled so as not to become a nui-
- 20 sance to adjacent land uses.
- 21 (n) Access to the compost facility including delivery and
- 22 transfer of material shall be limited to operating hours when
- 23 operating personnel are on site. Inspections by an official of a
- 24 governmental unit shall be conducted during normal business
- 25 hours.

- 1 Sec. 15. (1) The operator of a medium or high volume
- 2 compost facility shall maintain and keep at 1 location business
- 3 records which include records showing all of the following:
- 4 (a) Compostable or other materials received by the compost
- 5 facility, including, but not limited to, the date and time of
- 6 delivery and description of the material.
- 7 (b) The county of origin for all materials deposited
- 8 on-site.
- 9 (c) The volume of all materials moved off site.
- (d) Complaints received and actions taken.
- 11 (e) Sampling procedures and results of material tests
- 12 taken.
- 13 (2) In addition, the state or the local unit of government
- 14 in which the facility is located may require the maintenance of
- 15 any other records necessary to determine whether the compost
- 16 facility is being operated in accordance with this act or an
- 17 ordinance passed under this act.
- 18 Sec. 16. (1) At least 90 days prior to the date of planned
- 19 closure of any compost facility, the owner or operator shall
- 20 submit to the local unit of government a site closure plan which
- 21 shall include a detailed plan as to when and how the following
- 22 will be accomplished:
- 23 (a) Removal and cleaning of all facility grounds, retention
- 24 ponds, and drainage areas of all compost materials, construction
- 25 scrap, and other material related to the operation.
- 26 (b) Cleaning, removal, or securing of storage of all
- 27 vehicles, equipment, and machinery.

- 1 (c) Cleaning of remaining structures of compost materials,
- 2 dust, or other residues related to the compost facility.
- 3 (2) Within 45 days of receiving the plan, the local unit of
- 4 government shall approve or disapprove the closure plan. If the
- 5 plan is disapproved, the local unit of government shall specifi-
- 6 cally detail which portions of the plan are unacceptable, and the
- 7 reason it is unacceptable. If the local unit of government does
- 8 not approve or disapprove the plan, as required in this section,
- 9 the plan is approved.
- 10 (3) Upon completion of the closure plan, the owner and oper-
- 11 ator of the compost facility shall inform the local unit of gov-
- 12 ernment of its completion.
- 13 (4) Within 21 days of receiving notice of completion of the
- 14 closure plan the local unit of government shall either release
- 15 the financial security or state the reason that the closure does
- 16 not comply with the approved plan.
- 17 Sec. 17. In addition to all of the requirements of this act
- 18 or an ordinance promulgated under this act, a compost facility
- 19 remains subject to all other requirements of federal, state, and
- 20 local and common law.
- 21 Sec. 18. (1) The department, an agent of the department, or
- 22 an agent of a local unit of government in which a facility is
- 23 located may enter and inspect a location where composting is
- 24 occurring or where there is a reasonable belief that composting
- 25 is occurring anytime to determine compliance with this act or an
- 26 ordinance passed pursuant to this act. This right of inspection
- 27 includes the right to review the business records of the compost

- 1 facility or any other person or entity which the governmental
- 2 unit reasonably believes may be operating a compost facility.
- 3 (2) Except in an emergency, the department or governmental
- 4 unit shall provide 24-hour notice prior to examination of any
- 5 business records.
- 6 (3) The compost facility operator and owner including their
- 7 agents and employees shall cooperate fully with the governmental
- 8 unit with respect to any such inspection.
- 9 Sec. 19. (1) A person who owns or operates a compost facil-
- 10 ity that is subject to regulation under this act or an ordinance
- 11 promulgated pursuant to this act has 12 months from the effective
- 12 date of this act to meet the operational requirements of this act
- 13 and to submit a permit application as required under section 7 or
- 14 section 10.
- 15 (2) A compost facility that operated before the effective
- 16 date of this act, that does not meet the isolation distances con-
- 17 tained in section 11, may be required to implement positive odor
- 18 control mechanisms to abate any odor problems occurring at the
- 19 site.
- 20 Sec. 20. (1) A person may bring an action seeking injunc-
- 21 tive relief to compel compliance with this act.
- 22 (2) In addition to any other relief provided by this sec-
- 23 tion, the attorney general or a local unit of government may
- 24 petition for the imposition of a civil fine as follows:
- 25 (a) For a low volume compost facility \$1,000.00 per day of
- 26 violation.

- 1 (b) For a medium volume compost facility \$5,000.00 per day 2 of violation.
- 3 (c) For a high volume compost facility \$10,000.00 per day of4 violation.
- 5 (3) In addition to any other relief provided by this sec-
- 6 tion, the court may order a person violating this act or the
- 7 rules promulgated under this act either to restore or to pay to
- 8 the state an amount equal to the cost of restoring the natural
- 9 resources of this state affected by the violation to their origi-
- 10 nal condition before the violation, and to pay to the state the
- 11 costs of surveillance and enforcement incurred by the state as a
- 12 result of the violation. The court also may order a facility to
- 13 stop receiving designated materials or categories of materials.
- 14 Sec. 21. A local unit of government shall not pass an ordi-
- 15 nance or otherwise manage compost facilities within its jurisdic-
- 16 tion in a manner that is more restrictive than provided in this
- 17 act. An ordinance passed by a county within 3 years of the
- 18 effective date of this act supercedes any ordinance passed by a
- 19 city, township, or village that is located in that county.
- 20 Sec. 22. The department shall establish a program to edu-
- 21 cate the public on the role of composting in solid waste
- 22 management. The program shall include specific initiatives to
- 23 promote reduction of yard clippings and instructional materials
- 24 regarding the backyard composting of yard clippings. The depart-
- 25 ment shall to the extent possible, utilize community groups or
- 26 local units of government to implement the public education
- 27 program.