## **HOUSE BILL NO. 5814**

May 28, 2020, Introduced by Reps. Rabhi, Howell, Tate, Sowerby, O'Malley and VanSingel and referred to the Committee on Natural Resources and Outdoor Recreation.

A bill to amend 1994 PA 451, entitled "Natural resources and environmental protection act," by amending sections 11523, 11523a, 11523b, 11525, 11525a, and 11525b (MCL 324.11523, 324.11523a, 324.11523b, 324.11525, 324.11525a, and 324.11525b), by designating sections 11523 to 11525f as subpart 4, and by adding sections 11525d and 11525f.

## THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

## 1 SUBPART 4 FINANCIAL ASSURANCE

Sec. 11523. (1) The department shall not issue a license to operate a disposal area unless until the applicant has filed, as a



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- part of the application for a license, evidence of the following
  financial assurance:
- 3 (a) Financial assurance established for a type III landfill or
- 4 a preexisting unit at a type II landfill and until April 9, 1997,
- 5 existing and new type II landfills shall be in the form of Subject
- 6 to section 11523b, financial assurance for a landfill described in
- 7 this subdivision shall be a bond in an amount equal to \$20,000.00
- 8 per acre of licensed landfill within the solid waste boundary.
- 9 However, the total amount of the bond shall not be less than
- 10 \$20,000.00 or more than \$1,000,000.00. \$2,000,000.00. Each bond
- 11 shall provide assurance for the maintenance of the finished
- 12 landfill site or a portion thereof for a period of 30 years after
- 13 beginning when the department approved a closure certification as
- 14 described in section 11523a(5)(b) for the landfill or any approved
- 15 portion is completed. portion thereof, respectively. In addition to
- 16 this bond, the owner or operator of a landfill described in this
- 17 subdivision shall maintain a perpetual care fund. shall be
- 18 maintained under section 11525.All of the following landfills are
- 19 subject to this subdivision, unless the owner or operator of the
- 20 landfill, by written notice to the department, elects to provide
- 21 financial assurance under subdivision (b):
- 22 (i) A preexisting unit at a type II landfill.
- 23 (ii) A type II landfill that stopped receiving waste and was 24 certified as closed before April 9, 1997.
- 25 (iii) A type III landfill that stopped receiving waste before
- 26 the effective date of the amendatory act that added this
- 27 subparagraph.
- 28 (iv) A type III landfill that received waste on or after the
- 29 effective date of the amendatory act that added this subparagraph.



However, such a landfill is not subject to this subdivision but is subject to subdivision (b) upon the issuance of a new license for the landfill on or after the date 2 years after the effective date of the amendatory act that added this subparagraph.

- (b) Financial assurance for a type II or type III landfill that is an existing unit not subject to subdivision (a) or a new unit or for a landfill, otherwise subject to subdivision (a), whose owner or operator elects to be subject to this subdivision shall be in an amount equal to the cost, in current dollars, of hiring a third party, to conduct closure, postclosure maintenance and monitoring, and if necessary, corrective action. An A license application for a type II landfill that is an existing unit or new unit subject to this subdivision shall demonstrate financial assurance in accordance compliance with section 11523a. A license application for a type III landfill shall demonstrate financial assurance in compliance with section 11523a if the application is filed 2 or more years after the effective date of the amendatory act that added subsection (2).
- (c) Financial assurance established for an existing coal ash impoundment shall be in the form of a bond in an amount equal to \$20,000.00 per acre within the impoundment boundary. However, the total amount of the bond shall not be less than \$20,000.00 or more than \$1,000,000.00. The bond shall provide assurance for the maintenance of the finished coal ash impoundment or a portion thereof for a period of 30 years after the coal ash impoundment or any approved portion is completed. In addition to the bond, the owner or operator of an existing coal ash impoundment shall maintain a perpetual care fund. shall be maintained under section 11525. For applications for a license to operate submitted to the



- 1 department after the date that is 2 years after the effective date
- 2 of the amendatory act that added section 11511a, December 28, 2020,
- ${f 3}$  an applicant that demonstrates that it meets the requirements of R
- 4 299.9709 of the Michigan Administrative Code may utilize the
- 5 financial test under that rule for an amount not exceeding 95% of
- 6 the closure, postclosure, and corrective action cost estimate.
- 7 (d) Financial assurance established for a **licensed** solid waste
- 8 processing and transfer facility , or incinerator , processing
- 9 plant, other solid waste handling or disposal facility, or a
- 10 combination of these utilized in the disposal of solid waste shall
- 11 be in the form of a bond in an amount equal to 1/4 of 1% of the
- 12 construction cost of the facility, but shall not be less than
- 13  $\frac{44,000.00}{100}$ , and shall be a bond in the amount of \$20,000.00. The
- 14 financial assurance shall be continued in effect for a period of 2
- 15 years after the disposal area is closed.
- 16 (2) The department shall not issue an approval under a general
- 17 permit for a materials utilization facility unless the applicant
- 18 has filed, as a part of the application for the approval, evidence
- 19 of adequate financial assurance, subject to the following, as
- 20 applicable:
- 21 (a) Financial assurance established for a materials recovery
- 22 facility or anaerobic digester that requires a general permit shall
- 23 be a bond in the amount of \$20,000.00 and maintained in effect
- 24 until after the facility has ceased accepting material, removed all
- 25 managed material from the site, and had its closure certification
- 26 approved by the department as described in section 11525b(3)(a).
- 27 (b) The amount of financial assurance established for a
- 28 composting facility with a general permit shall be \$20,000.00. The
- 29 financial assurance shall be maintained in effect until after the



- facility has ceased accepting compostable materials, has removed any finished or partially finished compost from the facility, and has had its closure certification approved by the department as described in section 11525b(3)(a).
- (c) An innovative technology facility shall submit to the department a detailed written estimate, in current dollars, of the cost for the owner or operator to hire a third party to close the facility, including the cost to dispose of any remaining waste material, or otherwise contain and control any remaining waste residues. The department shall approve, approve with modifications, or disapprove the closure cost estimate in writing. The financial assurance shall be continued in effect until the facility has ceased accepting material, removed all managed material from the site, and had its closure certification approved by the department as described in section 11525b(3)(a).
  - bond with the department instead of other bonding mechanisms to fulfill the remaining financial assurance requirements of this section. An owner or operator of a disposal area materials management facility who elects to post cash as a bond shall accrue interest on that bond quarterly at the annual rate of 6%, to be accrued quarterly, except that the interest rate payable to an owner or operator shall not exceed the rate of interest accrued on the state common cash fund for the quarter in which an accrual is determined. Interest shall be paid to the owner or operator upon release of the bond by the department. Any interest greater than 6% shall be deposited in the state treasury to the credit of the general fund. and shall be appropriated to the department to be used by the department for administration of this part. An owner or



operator who uses a certificate of deposit as a bond shall receive any accrued interest on that certificate of deposit upon release of the bond by the department.

- 4 (4) (3) An owner or operator of a disposal area that is not a 5 landfill who has accomplished closure in a manner approved by the 6 department and in accordance with this part and the rules 7 promulgated under this part, may request a 50% reduction in the 8 bond during the 2-year period after closure. At the end of the 2-9 year period, the owner or operator may, not less than 2 years after 10 closure of the disposal area, request that the department terminate 11 the bond required under this section. The department shall approve 12 termination of the bond within Within 60 days after the request is 13 made, the department shall approve or deny the request in writing. 14 The department shall approve the request if all waste and waste 15 residues have been removed from the disposal area and closure  $\frac{1}{2}$ 16 has been certified by a licensed professional engineer and approved 17 by the department.
  - (5) (4)—The department may utilize a bond required under this section for the closure and postclosure monitoring and maintenance of a disposal area if the owner or operator fails to comply with violates the closure and postclosure monitoring and maintenance requirements of this part and the rules promulgated under this part 115 to the extent necessary to correct such violations. At least 7 days before utilizing the bond, the department shall issue a notice of violation or other order that alleges violation of this part or rules promulgated under this part 115 and shall provide an opportunity for a hearing. This subsection does not apply to a perpetual care fund. bond.
    - (6) (5) Under the The terms of a surety bond, irrevocable



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- 1 letter of credit, insurance policy, or perpetual care fund bond  $\overline{t}$
- 2 shall require the issuing institution shall to notify both the
- 3 department and the owner or operator at least 120 days before the
- 4 expiration date or any—cancellation of the bond. If the owner or
- 5 operator does not extend the effective date of the bond, or
- 6 establish alternate financial assurance within 90 days after
- 7 receipt of an expiration or cancellation notice from the issuing
- 8 institution, all of the following apply:
  - (a) The department may draw on the bond.
- 10 (b) In the case of a perpetual care fund bond, the issuing
  11 institution shall deposit the proceeds into the standby trust or
  12 escrow account unless the department agrees to the expiration or
  13 cancellation of the perpetual care fund bond.
  - (7) (6) The department shall not issue a construction permit or a new license to operate a disposal area to an applicant that is the subject of a bankruptcy action commenced under title 11 of the United States Code, 11 USC 101 to 1532, or any other predecessor or successor statute.
  - (7) A person required under this section to provide financial assurance in the form of a bond for a landfill may request a reduction in the bond based upon the amount of the perpetual care fund established under section 11525. A person requesting a bond reduction shall do so on a form consistent with this part and provided by the department. The department shall grant this request unless there are sufficient grounds for denial and those reasons are provided in writing. The department shall grant or deny a request for a reduction of the bond within 60 days after the request is made. If the department grants a request for a reduced bond, the department shall require a bond in an amount such that



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- for type III landfills, and type II landfills that are preexisting
  units, the amount of the perpetual care fund plus the amount of the
  reduced bond equals the maximum amount required in a perpetual care
  fund in section 11525(2).
- (8) The department shall release the bond required by this
   section if the amount of the perpetual care fund exceeds the amount
   of the financial assurance required under subsection (1).
  - (8) An owner or operator of a landfill that utilizes a financial test as financial assurance for the landfill may utilize a financial test for other types of materials management facilities that are located on the permitted landfill site.
  - (9) The department may utilize a bond required under this section for a facility subject to approval under a general permit for bringing the facility into compliance with part 115, including, but not limited to, removing managed material from the facility, cleanup at the facility, and fire suppression or other emergency response at the facility, including reimbursement to any local unit of government that incurred emergency response costs. Not less than 7 days before utilizing the bond, the department shall issue a notice of violation or order that alleges violation of part 115 and shall provide the owner or operator an opportunity for a hearing.
  - (10) (9) Prior to Before closure of a landfill, if money is disbursed from the perpetual care fund, then the department may require a corresponding increase in the amount of bonding required to be provided if necessary to meet the requirements of this section.
- (11) (10)—If an owner or operator of a disposal area fulfills
   the financial assurance requirements of this—part 115 by obtaining
   a bond, including, but not limited to, a perpetual care fund bond,



- 1 and the surety company, insurer, trustee, bank, or financial or
- 2 other institution that issued or holds the bond becomes the subject
- 3 of a bankruptcy action commenced under title 11 of the United
- 4 States Code, 11 USC 101 to 1532, or any successor statute or has
- 5 its authority to issue or hold the bond or to act as an escrow
- 6 agent or trustee—suspended or revoked, the owner or operator shall,
- 7 within 60 days after receiving notice of that event, establish
- 8 alternate financial assurance under this part.
- 9 (12) Two or more owners or operators may demonstrate all or a
- 10 portion of required financial assurance for materials management
- 11 facilities that are not landfills with a risk pooling financial
- 12 mechanism approved by the department that meets all of the
- 13 following requirements:
- 14 (a) The mechanism is administered by a surety company,
- 15 insurer, surety, bank, or other financial institution that has
- 16 authority to issue such a mechanism and is regulated and examined
- 17 by a state or federal agency.
- 18 (b) The mechanism is irrevocable and renews automatically
- 19 unless, not less than 120 days before the automatic renewal date,
- 20 the insurer, surety, bank, or other financial institution notifies
- 21 the department and the owners or operators of the covered
- 22 facilities that the mechanism will not be renewed, and the
- 23 department agrees in writing to termination of the mechanism.
- 24 (c) The amount of financial assurance available for any single
- 25 covered facility is not less than would be available for that
- 26 facility if it was covered alone under a bond.
- 27 (d) The addition or deletion of facilities covered under the
- 28 mechanism requires written agreement of the director.
- 29 (13) The department shall access and use funds under a



1 mechanism approved under subsection (12) subject to the provisions
2 for bonds under subsection (9).

Sec. 11523a. (1) Effective April 9, 1997, the The department 3 shall not issue a license to operate a type II landfill that is 4 subject to section 11523(1)(b) unless the applicant demonstrates 5 6 that for any new unit or existing unit at the facility, the 7 combination of the perpetual landfill care fund established under 8 section 11525, bonds, 11525d and the financial capability of the 9 applicant as evidenced by a financial test -provides financial 10 assurance in an amount not less than that required by this section. 11 An applicant may utilize a financial test for an amount up to, but not exceeding, more than 70% of the closure, postclosure, and 12 13 corrective action cost estimate. For applications for a license to 14 operate submitted after 2 years after the effective date of the 15 amendatory act that added subsection (3)(c), an applicant may 16 utilize a financial test for an amount more than 70% but not more than 95% of the closure, postclosure, and corrective action cost 17 18 estimate if the owner or operator demonstrates that the owner or 19 operator passes a financial test under and otherwise meets the 20 requirements of R 299.9709 of the Michigan Administrative Code.

- (2) An applicant may demonstrate compliance with this section by submitting to the department evidence , with a form consistent with this part and provided by the department, that the applicant has financial assurance for any existing unit or new unit in an amount equal to or greater more than the sum of the following standardized costs:
- (a) A standard closure cost estimate. The standard closure cost estimate shall be based upon the sum of the following costs in 1996—2018 dollars, adjusted for inflation and partial closures, if



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- 1 any, as specified in subsections (4) and (5):
- 2 (i) A base cost of \$20,000.00 \$40,000.00 per acre to construct
- 3 a compacted soil final cover using on-site material.
- 4 (ii) A supplemental cost of  $\frac{$20,000.00}{$40,000.00}$  per acre, to
- 5 install a synthetic cover liner, if required by rules under this
- 6 part.
- 7 (iii) A supplemental cost of \$5,000.00 \$10,000.00 per acre, if
- 8 low permeability soil must be transported from off-site to
- 9 construct the final cover or if a bentonite geocomposite liner is
- 10 used instead of low permeability soil in a composite cover.
- 11 (*iv*) A supplemental cost of \$5,000.00 \$9,000.00 per acre, to
- 12 construct a passive gas collection system in the final cover  $\tau$
- 13 unless an active gas collection system has been installed at the
- 14 facility.or a supplemental cost of \$15,000.00 per acre for an
- 15 active gas collection and control system, for those areas without a
- 16 gas collection and control system already installed.
- 17 (b) A standard postclosure cost estimate. The standard
- 18 postclosure cost estimate shall be based upon the sum of the
- 19 following costs, adjusted for inflation as specified in section
- 20  $\frac{11525(2):11525(3):}{11525(3):}$
- 21 (i) A final cover maintenance cost of \$200.00 \$400.00 per acre
- 22 per year.
- 23 (ii) A leachate disposal cost of \$100.00 \$400.00 per acre per
- **24** year.
- 25 (iii) A leachate transportation cost of \$1,000.00 \$4,000.00 per
- 26 acre per year, if leachate is required to be transported off-site
- 27 for treatment.
- 28 (iv) An active gas collection and control system maintenance
- 29 cost of \$900.00 per acre per year for active gas collection and



- 1 control systems subject to the requirements of standards of
- 2 performance for new stationary sources, 40 CFR part 60.
- 3 (v) An active gas collection and control system maintenance
- 4 cost of \$500.00 per acre per year for landfills not subject to the
- 5 requirements of standards of performance for new stationary
- 6 sources, 40 CFR part 60.
- 7 (vi) A passive gas collection system maintenance cost of \$35.00
- 8 per acre per year.
- 9 (vii) (iv)—A groundwater monitoring cost of \$1,000.00—\$2,000.00
- 10 per monitoring well per year.
- 11 (viii) (v)—A gas monitoring cost of \$100.00 \$200.00 per
- 12 monitoring point per year, for monitoring points used to detect
- 13 landfill gas at or beyond the facility property boundary.
- 14 (c) The A corrective action cost estimate, if any. The
- 15 corrective action cost estimate shall be a detailed written
- 16 estimate, in current dollars, of the cost of hiring a third party
- 17 to perform corrective action in accordance compliance with this
- **18** part **115**.
- 19 (3) Instead of using some or all of the standardized costs
- 20 specified in subsection (2), an applicant may estimate use the site
- 21 specific site-specific costs of closure or postclosure maintenance
- 22 and monitoring. A site specific site-specific cost estimate shall
- 23 be a written estimate, in current dollars, of the cost of hiring a
- 24 third party to perform the activity. For the purposes of this
- 25 subsection, a parent corporation or a subsidiary of the owner or
- 26 operator is not a third party. Site specific Site-specific cost
- 27 estimates shall be based on comply with the following, as
- 28 applicable:
- 29 (a) For closure, be based on the cost to close the largest



- 1 area of the landfill ever requiring a final cover at any time
- 2 during the active life, when the extent and manner of its operation
- 3 would make closure the most expensive, in accordance compliance
- 4 with the approved closure plan. The closure cost estimate may shall
- 5 not incorporate any salvage value that may be realized by from the
- 6 sale of structures, land, equipment, or other assets associated
- 7 with the facility at the time of final closure.
- 8 (b) For postclosure, be based on the cost at any given time to
- 9 conduct postclosure maintenance and monitoring in accordance
- 10 compliance with the approved postclosure plan for the next 30 years
- 11 of the postclosure period, or for the remainder of the postclosure
- 12 period if the remainder is less than 30 years. However, the
- 13 applicant shall submit to the department an estimate of the
- 14 postclosure maintenance and monitoring cost for the entire
- 15 postclosure period.
- 16 (c) For costs for operation and maintenance of an on-site
- 17 wastewater treatment facility managing leachate at a landfill that
- 18 are substituted for the standardized leachate disposal and
- 19 transportation costs of this section, be based on an engineering
- 20 evaluation of total wastewater flow and include utilities,
- 21 staffing, and incidental costs to maintain and ensure compliance
- 22 with all applicable permits.
- 23 (4) The owner or operator of a landfill subject to this
- 24 section shall, during the active life of the landfill and during
- 25 the postclosure care period, annually adjust the financial
- 26 assurance cost estimates and corresponding amount of financial
- 27 assurance for inflation. Cost estimates The standard closure cost
- 28 estimate and corrective action cost estimate shall be adjusted for
- 29 inflation by multiplying the cost estimate by an inflation factor



- 1 derived from the most recent United States Department of the
- 2 Interior, Bureau of Reclamation composite index Composite Index
- 3 published by the United States Department of Commerce or another
- 4 index that is more representative of the costs of closure and
- 5 postclosure monitoring and maintenance as determined appropriate
- 6 approved by the department. The owner or operator shall document
- 7 the adjustment on a form consistent with this part 115 as prepared
- 8 provided or approved by the department and shall place the
- 9 documentation in the operating record of the facility.
- 10 (5) The owner or operator of a landfill subject to this
- 11 section may request that the department authorize a reduction in
- 12 the approved cost estimates and corresponding financial assurance
- 13 for the landfill. by submitting a form consistent with this part
- 14 and provided by the department certifying Within 60 days after
- 15 receiving the financial assurance reduction request under this
- 16 subdivision, the department shall approve or deny the request in
- 17 writing. A denial shall state the reasons for the denial. A
- 18 financial assurance reduction request shall certify completion of
- 19 any of the following activities:
- 20 (a) Partial closure of the landfill. The current closure cost
- 21 estimate for partially closed portions of a landfill unit may be
- 22 reduced by 80%, if the maximum waste slope on the unclosed portions
- 23 of the unit does not exceed 25%. The percentage of the cost
- 24 estimate reduction approved by the department for the partially
- 25 closed portion shall be reduced 1% for every 1% increase in the
- 26 slope of waste over 25% in the active portion. An owner or operator
- 27 requesting a reduction in financial assurance for partial closure
- 28 shall enclose submit with the request a certification under the
- 29 seal of a licensed professional engineer that certifies of both of



- 1 the following:
- $\mathbf{2}$  (i) That a portion of the licensed landfill unit has reached
- 3 final grades and has had a final cover installed in compliance with
- 4 the approved closure plan and rules promulgated under this part
- 5 115.
- 6 (ii) The maximum slope of waste in the active portion of the landfill unit at the time of partial closure.
- 8 (b) Final closure of the landfill. An owner or operator
- 9 requesting a cost estimate reduction for final closure shall submit
- 10 with the request a certification under the seal of a licensed
- 11 professional engineer that closure of that landfill unit has been
- 12 fully completed in accordance compliance with the approved closure
- 13 plan for the landfill. Within 60 days of receiving a certification
- 14 under this subsection, subdivision, the department shall perform a
- 15 consistency review of the submitted certification and do 1 of the
- 16 following:
- 17 (i) Approve the certification and notify the owner or operator
- 18 that he or she may reduce the closure cost estimate may be reduced
- 19 to zero.
- (ii) Disapprove the certification and provide the owner or
- 21 operator with a detailed written statement of the reasons  $\frac{1}{2}$
- 22 department has determined that closure certification has not been
- 23 conducted in accordance compliance with this part, the rules
- 24 promulgated under this part 115 or an approved closure plan.
- (c) Postclosure maintenance and monitoring. The owner or
- 26 operator of a landfill unit who has completed final closure of the
- 27 unit may request a reduction in the postclosure cost estimate and
- 28 corresponding financial assurance for 1 year or more of postclosure
- 29 maintenance and monitoring if the landfill has been monitored and



- 1 maintained in accordance compliance with the approved postclosure
- 2 plan. The department shall, within Within 60 days of after
- 3 receiving a cost estimate reduction request, the department shall
- 4 grant written approval or issue a written denial stating the reason
- 5 for denial. The If the department shall grant grants the request,
- 6 and the owner or operator may reduce the postclosure cost estimate
- 7 to reflect the number of years remaining in the postclosure period.
- 8 unless the The department denies shall deny the request and the
- 9 written denial states that if the owner or operator has not
- 10 performed the specific tasks consistent with this part, rules
- 11 promulgated under this part , 115 and an approved postclosure plan.
- 12 The department shall not grant a request under this subdivision to
- 13 reduce the postclosure cost estimate and the corresponding
- 14 financial assurance to below the maximum required perpetual care
- 15 fund amount specified in section 11525(3) unless the owner or
- 16 operator has demonstrated within the past 5-year period that the
- 17 landfill is on target to achieve functional stability as described
- 18 in section 11517 within the time remaining in the postclosure
- 19 period.
- 20 (6) The owner or operator of a landfill subject to this
- 21 section may request a reduction in the amount of one-1 or more of
- 22 the financial assurance mechanisms in place. If the combined value
- 23 of the remaining financial assurance mechanisms equals the amount
- 24 required under this section, the department shall approve the
- 25 request.
- 26 (7) An owner or operator requesting that the department
- 27 approve a financial assurance reduction under subsection (5) or (6)
- 28 shall do so on a form consistent with this part and provided by the
- 29 department. The department shall grant written approval or, within



1 60 days of receiving a financial assurance reduction request, issue
2 a written denial stating the reason for the denial.

Sec. 11523b. (1) The owner or operator of a landfill or coal ash impoundment may establish a trust fund or escrow account to fulfill the requirements of sections 11523 and 11523a. The trust fund or escrow account shall be executed on a form provided by the department.

(2) Payments into a trust fund or escrow account shall be made annually over the term of the first operating license issued after the effective date of this section. The first payment into a trust fund or escrow account shall be made prior to licensure and shall be at least equal to the portion of the financial assurance requirement to be covered by the trust fund or escrow account divided by the term of the operating license. Subsequent payments shall be equal to the remaining financial assurance requirement divided by the number of years remaining until the license expires.

(3) If the owner or operator of a landfill or coal ash impoundment establishes a trust fund or escrow account after having used one or more alternate forms of financial assurance, the initial payment into the trust fund or escrow account shall be at least the amount the fund would contain if the fund were established initially and annual payments made according to subsection (2).

(2) (4)—All earnings and interest from a trust fund or escrow account shall be credited to the fund or account. However, the custodian may be compensated for reasonable fees and costs for his or her the custodian's responsibilities as custodian. The custodian shall ensure the filing of all required tax returns for which the trust fund or escrow account is liable and shall disburse funds



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- 1 from earnings to pay lawfully due taxes owed by the trust fund or
  2 escrow account, without permission of the department.
  - (3) (5) The custodian shall annually, 30 days preceding the anniversary date of establishment of the fund, furnish to the owner or operator and to the department a statement confirming the value of the fund or account as of the end of that month.
  - (4) (6)—The owner or operator may request that the department authorize the release of funds from a trust fund or escrow account. The department shall grant the request if the owner or operator demonstrates that the value of the fund or account exceeds the owner's or operator's financial assurance obligation. A payment or disbursement from the fund or account shall not be made without the prior written approval of the department.
  - (5) (7)—The owner or operator shall receive all interest or earnings from a trust fund or escrow account upon its termination.
  - (6) If an owner or operator of a disposal area fulfills the financial assurance requirements of part 115 by establishing a trust fund or escrow account and the custodian has its authority to act as a custodian suspended or revoked, the owner or operator shall, within 60 days after receiving notice of the suspension or revocation, establish alternative financial assurance under part 115.
- 23 (7) (8) As used in this section, "custodian" means the trustee 24 of a trust fund or escrow agent of an escrow account.
- 25 Sec. 11525. (1) This section applies only to landfills subject 26 to section 11523(1)(a).
- (2) (1)—The owner or operator of a landfill or coal ash
  impoundment shall establish and maintain a perpetual care fund for
  a period of 30 years after final closure of the landfill or coal



- ash impoundment as specified in this section. A perpetual care fund may be established as a trust, an escrow account, or a perpetual care fund bond and may be used to demonstrate financial assurance for type II and type III landfills and coal ash impoundments under sections 11523 and 11523a.a landfill or coal ash impoundment.
- 6 (3)  $\frac{(2)}{(2)}$  Except as otherwise provided in this section, the 7 owner or operator of a landfill shall increase the amount of his or 8 her the perpetual care fund 75 cents for each ton or portion of a 9 ton or 25 cents for each cubic yard or portion of a cubic yard of 10 solid waste that is disposed of in the landfill after June 17, 1990 11 until the fund reaches the maximum required fund amount. As of July 1, 1996, 2018, the maximum required fund amount for a landfill or 12 coal ash impoundment is \$1,156,000.00. This amount shall be 13 14 annually adjusted for inflation and rounded to the nearest 15 thousand. \$2,257,000.00. The department shall annually adjust the 16 maximum required fund this amount for inflation annually by 17 multiplying the amount by an inflation factor derived from the most 18 recent United States Department of the Interior, Bureau of 19 Reclamation composite index Composite Index published by the United 20 States Department of Commerce or another index more representative of the costs of closure and postclosure monitoring and maintenance 21 22 as determined appropriate approved by the department. The 23 department shall round the resulting amount to the nearest thousand 24 dollars. Increases to the amount of a perpetual care fund required 25 under this subsection shall be calculated based on solid waste disposed of in the landfill as of the end of the state fiscal year 26 27 and shall be made within 30 days after the end of each state fiscal 28 year.
  - (4)  $\frac{(3)}{(3)}$  The owner or operator of a landfill or coal ash



- 1 impoundment that is used for the disposal of the following
- 2 materials shall increase the amount of the perpetual care fund 7.5
- 3 cents for each ton or cubic yard or portion of a ton or cubic yard
- 4 of the following materials—that are disposed of in the landfill or
- 5 coal ash impoundment after the effective date of the amendatory act
- 6 that added section 11511a December 28, 2020 until the fund reaches
- 7 the maximum required fund amount under subsection (2):
- 8 (a) Coal ash, wood ash, or cement kiln dust, or a combination
- 9 thereof, that is disposed of in a landfill that if the disposal
- 10 area is used only for the disposal of coal ash, wood ash, or cement
- 11 kiln dust, or a combination of these materials, or that is these
- 12 materials or these materials are permanently segregated in  $\frac{a}{a}$
- 13 landfill.the disposal area.
- 14 (b) Wastewater treatment sludge or sediments from wood pulp or
- 15 paper producing industries that is disposed of in a landfill that
- 16 if the landfill is used only for the disposal of wastewater
- 17 treatment sludge and sediments from wood pulp or paper producing
- 18 industries, or that is these materials or these materials are
- 19 permanently segregated in a the landfill.
- 20 (c) Foundry sand or other material that is approved by the
- 21 department for use as daily cover at the landfill if it is an
- 22 operating landfill, foundry sand that is disposed of in a landfill
- 23 that if the landfill is used only for the disposal of foundry sand,
- 24 or foundry sand that is permanently segregated in a landfill.
- 25 (5) (4) The owner or operator of a landfill that is used only
- 26 for the disposal of a mixture of 2 or more of the materials
- 27 described in subsection  $\frac{(3)(a)}{(4)(a)}$  to (c) or in which a mixture
- 28 of 2 or more of these materials are permanently segregated shall
- 29 increase the amount of the perpetual care fund 7.5 cents for each



1 ton or cubic yard or portion of a ton or cubic yard of these
2 materials that are disposed of in the landfill. after July 1, 1996.

- (6) (5) The amount of a perpetual care fund is not required to be increased for materials that are regulated under part 631.
- (7) (6) The owner or operator of a landfill may increase the amount of the perpetual care fund above the amount otherwise required by this section at his or her discretion.
- (8)  $\frac{7}{7}$  The custodian of a perpetual care fund trust or escrow account shall be a bank or other financial institution that has the authority to act as a custodian and whose account operations are regulated and examined by a federal or state agency. Until the perpetual care fund trust or escrow account reaches the maximum required fund amount, the custodian of a-the perpetual care fund trust or escrow account shall credit any interest and earnings of the perpetual care fund trust or escrow account to the perpetual care fund trust or escrow account. After the perpetual care fund trust or escrow account reaches the maximum required fund amount, any interest and earnings shall be distributed as directed by the owner or operator. The agreement governing the operation of the perpetual care fund trust or escrow account shall be executed on a form consistent with this part and provided by the department. The custodian may be compensated from the fund for reasonable fees and costs incurred for his or her in discharging the custodian's responsibilities. as custodian. The custodian of a perpetual care fund trust or escrow account shall make an accounting to the department within 30 days following the close of each state fiscal year.
- (9) (8)—The custodian of a perpetual care fund shall not disburse any funds to the owner or operator of a landfill or coal



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- 1 ash impoundment for the purposes of the perpetual care fund except
- 2 upon the prior written approval of the department. However, the
- 3 custodian shall ensure the filing of all required tax returns for
- 4 which the perpetual care fund is liable and shall disburse funds to
- 5 pay lawfully due taxes owed by the perpetual care fund without
- 6 permission of the department. The owner or operator of the landfill
- 7 or coal ash impoundment shall provide notice of requests for
- 8 disbursement and the department's denials and approvals to the
- 9 custodian of the perpetual care fund. Requests for disbursement
- 10 from a perpetual care fund shall be submitted not more frequently
- 11 than semiannually. The owner or operator of a landfill or coal ash
- 12 impoundment may request disbursement of funds from a perpetual care
- 13 fund whenever if the amount of money in the fund exceeds the
- 14 maximum required fund amount under subsection (3), unless a
- 15 disbursement for that reason has been approved by the department
- 16 within the preceding 180 days. The department shall approve the
- 17 disbursement if the total amount of financial assurance maintained
- 18 meets the requirements of sections 11523 and 11523a. As used in
- 19 this subsection, "maximum required fund amount" means:section
- 20 11523(1)(a) or (c), as applicable.
- 21 (a) For those landfills or coal ash impoundments containing
- 22 only those materials specified in subsection (3), an amount equal
- 23 to 1/2 of the maximum required fund amount specified in subsection
- 24 <del>(2).</del>
- 25 (b) For all other landfills, an amount equal to the maximum
- 26 required fund amount specified in subsection (2).
- (10)  $\frac{(9)}{(9)}$  If the owner or operator of a landfill or coal ash
- 28 impoundment refuses or fails to conduct closure, postclosure
- 29 monitoring and maintenance, or corrective action as necessary to



- 1 protect the public health, safety, or welfare, or the environment
- 2 or fails to request the disbursement of money from a perpetual care
- 3 fund when necessary to protect the public health, safety, or
- 4 welfare, or the environment, or fails to pay the solid waste
- 5 management program administration fee or the surcharge required
- 6 under section 11525a, then the department may draw on the perpetual
- 7 care fund and may expend the money for closure, postclosure
- 8 monitoring and maintenance, and corrective action, as necessary.
- 9 The department may also draw on a perpetual care fund for
- 10 administrative costs associated with actions taken under this
- 11 subsection.
- 12 (11) (10) Upon approval by the department of a request to
- 13 terminate financial assurance for a landfill or coal ash
- 14 impoundment under section 11525b, any money in the perpetual care
- 15 fund for that landfill or coal ash impoundment shall be disbursed
- 16 by the custodian to the owner of the landfill or coal ash
- 17 impoundment unless a contract an agreement between the owner and
- 18 the operator provides otherwise.
- 19 (12) (11)—The owner of a landfill or coal ash impoundment
- 20 shall provide notice to the custodian of the perpetual care fund
- 21 for that landfill or coal ash impoundment if there is a change of
- 22 ownership of the landfill. The custodian shall maintain records of
- 23 ownership of a landfill or coal ash impoundment during the period
- 24 of existence of the perpetual care fund.
- 25 (13) (12)—This section does not relieve an owner or operator
- 26 of a landfill or coal ash impoundment of any liability that he or
- 27 she the owner or operator may have under this part or as otherwise
- 28 provided by law.
- 29 (14) (13)—This section does not create a cause of action at



- 1 law or in equity against a custodian of a perpetual care fund other
- 2 than for errors or omissions related to investments, accountings,
- 3 disbursements, filings of required tax returns, and maintenance of
- 4 records required by this section or the applicable perpetual care
- 5 fund.
- 6 (14) As used in this section, "custodian" means the trustee or
- 7 escrow agent of any of the following:
- 8 (a) A perpetual care fund that is established as a trust or
- 9 escrow account.
- 10 (b) A standby trust or escrow account for a perpetual care
- 11 fund bond.
- 12 (15) A perpetual care fund that is established as a trust or
- 13 escrow account may be replaced with a perpetual care fund that is
- 14 established as a perpetual care fund bond that complies with this
- 15 section. Upon such replacement, the director department shall
- 16 authorize the custodian of the trust or escrow account to disburse
- 17 the money in the trust or escrow account to the owner of the
- 18 landfill or coal ash impoundment unless a contract an agreement
- 19 between the owner and operator specifies otherwise.
- 20 (16) An owner or operator of a landfill or coal ash
- 21 impoundment who that uses a perpetual care fund bond to satisfy the
- 22 requirements of this section shall also establish a standby trust
- 23 or escrow account. All payments made under the terms of the
- 24 perpetual care fund bond shall be deposited by the custodian
- 25 directly into the standby trust or escrow account in accordance
- 26 compliance with instructions from the director. department. The
- 27 standby trust or escrow account must meet the requirements for a
- 28 trust or escrow account established as a perpetual care fund under
- 29 subsection (1), (2), except that until the standby trust or escrow



- 1 account is funded pursuant to the requirements of this subsection,
- 2 the following are not required:
- 3 (a) Payments into the standby trust or escrow account as
- 4 specified in subsection (2).
- (b) Annual accounting valuations accountings as required in
  subsection (7).(8).
- 7 (17) As used in this section, "custodian" means the trustee or 8 escrow agent of any of the following:
- 9 (a) A perpetual care fund that is established as a trust or 10 escrow account.
- 11 (b) A standby trust or escrow account for a perpetual care 12 fund bond.
- 13 Sec. 11525a. (1) The owner or operator of a landfill or coal 14 ash impoundment shall pay a surcharge as follows:
- 15 (a) For Except as provided in subdivision (b), for a landfill
  16 or coal ash impoundment that is not a captive facility, 12 36 cents
  17 for each cubic yard ton or portion of a cubic yard ton of solid
  18 waste or municipal solid waste incinerator ash that is disposed of
- in the landfill or coal ash impoundment before October 1, 2023.

  (b) For a landfill or coal ash impoundment that is not a
- 21 captive facility, 12 cents per ton or portion of a ton of foundry
- 22 sand, slag from metal melting, baghouse dust, furnace refractory
- 23 brick, pulp and paper mill material, paper mill ash, wood ash, coal
- 24 bottom ash, mixed wood ash, flue gas desulfurization sludge,
- 25 contaminated soil, cement kiln dust, lime kiln dust, and other
- 26 industrial waste that weighs at least 1 ton per cubic yard, as
- 27 determined by the generator.
- (c)  $\frac{\text{(b)}}{\text{For a type III landfill or coal ash impoundment that}}$
- 29 is a captive facility and annually receives the following amount of



- 1 waste, the following annual corresponding surcharge amount for each
- 2 state fiscal year, based on the amount of waste received during
- 3 that fiscal year:
- 4 (i) 100,000 or more cubic yards tons of waste, \$3,000.00.
- 5 (ii) 75,000 or more but less than 100,000 cubic yards tons of6 waste, \$2,500.00.
- 7 (iii) 50,000 or more but less than 75,000 <del>cubic yards tons</del> of 8 waste, \$2,000.00.
- 9 (*iv*) 25,000 or more but less than 50,000 <del>cubic yards tons</del> of **10** waste, \$1,000.00.
- 11 (v) Less than 25,000 cubic yards tons of waste, \$500.00.
- 12 (2) The Within 30 days after the end of each quarter of a state fiscal year, the owner or operator of a landfill or coal ash 13 14 impoundment that is not a captive facility shall pay the surcharge 15 under subsection (1)(a) within 30 days after the end of each for 16 waste received during that quarter of the state fiscal year. The 17 Within 30 days after the end of a state fiscal year, the owner or operator of a type III landfill or coal ash impoundment that is a 18 19 captive facility shall pay the surcharge under subsection (1)(b) by

January 31 of each for waste received during that state fiscal

(3) The owner or operator of a landfill or coal ash impoundment who is required to pay the surcharge under subsection (1) shall pass through and collect the surcharge from any person who generated the solid waste or who arranged for its delivery to the solid waste hauler or solid waste processing and transfer facility, notwithstanding the provisions of any contract or agreement to the contrary or the absence of any contract or agreement.



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(4) Surcharges collected under this section shall be forwarded to the state treasurer for deposit in the solid waste staff account of the solid waste management fund. established in section 11550.

Sec. 11525b. (1) The owner or operator of a materials utilization facility for which financial assurance is required under section 11523 or of a disposal area shall provide continuous financial assurance coverage until released from these requirements by the department under the provisions of this part 115.

- (2) Upon transfer of a materials utilization facility for which financial assurance is required under section 11523 or of a disposal area, the former owner or operator shall continue to maintain financial assurance until the financial assurance is replaced by the new owner or operator or until the materials utilization facility or disposal area is released from the financial assurance obligation at the end of the postclosure period.
- (3) (2) The If the owner or operator of a landfill or coal ash impoundment who has completed postclosure maintenance and monitoring in accordance with this part, rules promulgated under this part, compliance with part 115 and approved postclosure plan, the owner or operator may request that financial assurance required by sections 11523 and 11523a be terminated. A person requesting termination of bonding and financial assurance under this subsection shall submit to the department a statement that the landfill or coal ash impoundment has been monitored and maintained in accordance with this part, rules promulgated under this part, compliance with part 115 and the approved postclosure plan for the postclosure period specified in section 11523 and shall certify that the landfill or coal ash impoundment is not subject to



- 1 corrective action under section 11515. 11512(21). For other
- 2 materials management facilities with financial assurance, the owner
- 3 or operator of the facility shall submit to the department a
- 4 statement that the facility has been maintained in compliance with
- 5 part 115 and has removed all managed material from the facility.
- 6 Within 60 days of after receiving a statement under this
- 7 subsection, the department shall perform a consistency review of
- 8 the submitted statement and do 1 of the following:
- 9 (a) Approve the statement, notify the owner or operator that
- 10 he or she is no longer required to maintain financial assurance,
- 11 return or release all financial assurance mechanisms, and, if the
- 12 perpetual care fund is established as a trust or escrow account,
- 13 notify the custodian of the perpetual care fund that money from the
- 14 fund shall be disbursed as provided in section  $\frac{11525(10).11525(11)}{.}$
- (b) Disapprove the statement and provide the owner or operator
- 16 with a detailed written statement of the reasons why the department
- 17 has determined that postclosure maintenance and monitoring and
- 18 corrective action, if any, have not been conducted in accordance
- 19 with this part, the rules promulgated under this part, or an
- 20 compliance with part 115 or the approved postclosure plan.
- 21 Sec. 11525d. (1) This section applies only to landfills
- 22 subject to section 11523(1)(b).
- 23 (2) The owner or operator of a landfill shall establish and
- 24 maintain a landfill care fund as specified in this section. A
- 25 landfill care fund may be established as a trust, an escrow
- 26 account, or a landfill care fund bond and may be used to
- 27 demonstrate financial assurance for landfills under section 11523a.
- 28 (3) The owner or operator of a landfill may increase the
- 29 amount of the landfill care fund above the amount otherwise



1 required by this section at his or her discretion.

- (4) The custodian of a landfill care fund trust or escrow account shall be a bank or other financial institution that has the authority to act as a custodian and whose account operations are regulated and examined by a federal or state agency. Any interest and earnings on the fund shall be distributed as directed by the owner or operator of the landfill. The custodian may be compensated from the fund for reasonable fees and costs incurred for the custodian's responsibilities as custodian. The custodian of a landfill care fund trust or escrow account shall make an accounting to the department within 30 days following the close of each state fiscal year.
- (5) The custodian of a landfill care fund trust or escrow account shall not disburse any funds to the owner or operator of a landfill for the purposes of the landfill care fund and the issuer or holder of a landfill care fund bond shall not reduce the amount of the bond except upon the prior written approval of the department. However, the custodian shall ensure the filing of all required tax returns for which the landfill care fund is liable and shall disburse funds to pay taxes owed by the landfill care fund, without permission of the department. The owner or operator of the landfill shall provide notice of requests for disbursement from a landfill care fund trust or escrow account or reduction of a landfill care fund bond and the department's denials and approvals to the custodian of the landfill care fund trust or escrow account or the issuer or holder of the landfill care fund bond. Requests for disbursement from a landfill care fund trust or escrow account or a reduction of a landfill care fund bond shall be submitted not more frequently than semiannually. The owner or operator of a



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- 1 landfill may request disbursement of funds from a landfill care
- 2 fund trust or escrow account or a reduction of a landfill care fund
- 3 bond. The department shall approve the request if the total amount
- 4 of financial assurance maintained meets the requirements of section
- 5 11523a.
- 6 (6) If the owner or operator of a landfill fails to conduct
- 7 closure, postclosure monitoring and maintenance, or corrective
- 8 action as necessary to protect the public health, safety, or
- 9 welfare, or the environment, or fails to request the disbursement
- 10 of money from a landfill care fund when necessary to protect the
- 11 public health, safety, or welfare, or the environment, or fails to
- 12 pay the surcharge required under section 11525a, then the
- 13 department may also draw on the landfill care fund and may expend
- 14 the money for closure, postclosure monitoring and maintenance, and
- 15 corrective action, as necessary. The department may draw on a
- 16 landfill care fund for administrative costs associated with actions
- 17 taken under this subsection.
- 18 (7) Upon approval by the department of a request to terminate
- 19 financial assurance for a landfill under section 11525b, any money
- 20 in the landfill care fund for that landfill shall be disbursed by
- 21 the custodian to the owner of the landfill unless an agreement
- 22 between the owner and the operator of the landfill provides
- 23 otherwise.

- 24 (8) The owner of a landfill shall provide notice to the
- 25 custodian of the landfill care fund for that landfill if there is a
- 26 change of ownership of the landfill. The custodian shall maintain
- 27 records of ownership of a landfill during the period of existence
- 28 of the landfill care fund.
  - (9) This section does not relieve an owner or operator of a



- 1 landfill of any liability the owner or operator may have under part
- 2 115 or as otherwise provided by law.
- 3 (10) This section does not create a cause of action at law or
- 4 in equity against a custodian of a landfill care fund other than
- 5 for errors or omissions related to investments, accountings,
- 6 disbursements, filings of required tax returns, and maintenance of
- 7 records required by this section or the applicable landfill care
- 8 fund.
- 9 (11) A perpetual care fund and any other bond that is utilized
- 10 by a landfill to demonstrate financial assurance under part 115 and
- 11 that is in existence on the effective date of the amendatory act
- 12 that added this section is considered a landfill care fund under
- 13 this section for purposes of demonstrating compliance with section
- 14 11523a until the issuance of a new license for the landfill on or
- 15 after the date 2 years after the effective date of the amendatory
- 16 act that added this section. A landfill owner or operator may
- 17 replace a perpetual care fund or a bond with a landfill care fund
- 18 that complies with this section at any time without a license
- 19 modification and without the issuance of a new license. Upon such
- 20 replacement, the department shall authorize the custodian of a
- 21 perpetual care fund trust or escrow account to disburse the money
- 22 in the trust or escrow account to the owner of the landfill unless
- 23 an agreement between the owner and operator of the landfill
- 24 specifies otherwise.
- 25 (12) An owner or operator of a landfill that uses a landfill
- 26 care fund bond to satisfy the requirements of this section shall
- 27 also establish a standby trust or escrow account. All payments made
- 28 under the terms of the landfill care fund bond shall be deposited
- 29 by the custodian directly into the standby trust or escrow account



- 1 in compliance with instructions from the department. The standby
- 2 trust or escrow account must meet the requirements for a trust or
- 3 escrow account established as a landfill care fund under subsection
- 4 (2), except that, until the standby trust or escrow account is
- 5 funded pursuant to the requirements of this subsection, annual
- 6 accountings of the standby trust or escrow account are not
- 7 required.
- 8 (13) As used in this section, "custodian" means the trustee or
- 9 escrow agent of any of the following:
- 10 (a) A landfill care fund that is established as a trust or
- 11 escrow account.
- 12 (b) A standby trust or escrow account for a landfill care fund
- 13 bond.
- 14 Sec. 11525f. If the owner or operator of a materials
- 15 management facility is required to establish a bond under another
- 16 state statute or a federal statute, the owner or operator may
- 17 request the department to allow the bond to meet the requirements
- 18 of part 115. The department shall approve a bond established under
- 19 another state statute or a federal statute if the bond provides
- 20 equivalent funds and access by the department as other financial
- 21 instruments under part 115.
- Enacting section 1. This amendatory act takes effect 90 days
- 23 after the date it is enacted into law.
- 24 Enacting section 2. This amendatory act does not take effect
- 25 unless all of the following bills of the 100th Legislature are
- 26 enacted into law:
- 27 (a) Senate Bill No. or House Bill No. 5812 (request no.
- **28** 06084'20 \*).
- 29 (b) Senate Bill No. or House Bill No. 5813 (request no.



1 06085'20 \*).
2 (c) Senate Bill No.\_\_\_\_ or House Bill No. 5815 (request no.
3 06087'20 \*).
4 (d) Senate Bill No.\_\_\_\_ or House Bill No. 5816 (request no.
5 06088'20 \*).
6 (e) Senate Bill No.\_\_\_\_ or House Bill No. 5817 (request no.
7 06127'20 \*).