## **HOUSE BILL No. 5302**

October 22, 1997, Introduced by Reps. Middaugh and Alley and referred to the Committee on Conservation, Environment and Recreation.

A bill to amend 1994 PA 451, entitled
"Natural resources and environmental protection act,"
by amending sections 21302, 21304, 21304a, 21307, 21307a, 21308a,
21309a, 21310a, 21311a, 21312a, 21313a, 21314a, and 21315 (MCL
324.21302, 324.21304, 324.21304a, 324.21307, 324.21307a,
324.21308a, 324.21309a, 324.21310a, 324.21311a, 324.21312a,
324.21313a, 324.21314a, and 324.21315), sections 21302 and 21307
as amended and sections 21307a and 21314a as added by 1995 PA 22
and sections 21304a, 21308a, 21309a, 21310a, 21311a, 21312a,
21313a, and 21315 as amended by 1996 PA 116.

## THE PEOPLE OF THE STATE OF MICHIGAN ENACT:

- 1 Sec. 21302. As used in this part:
- 2 (a) "Biota" means the plant and animal life in an area
- 3 affected by a corrective action plan.

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- 1 (b) "Consultant" means a person on the list of qualified
- 2 underground storage tank consultants prepared pursuant to section
- **3** <del>21542.</del>
- 4 (B) (C) "Contamination" means the presence of a regulated
- 5 substance in soil or groundwater.
- 6 (C) -(d) "Corrective action" means the investigation,
- 7 assessment, cleanup, removal, containment, isolation, treatment,
- 8 or monitoring of regulated substances released into the environ-
- 9 ment, or the taking of such other actions as may be necessary to
- 10 prevent, minimize, or mitigate injury to the public health,
- 11 safety, or welfare, the environment, or natural resources.
- 12 (D)  $\overline{\text{(e)}}$  "De minimis spill" means a spill of petroleum as
- 13 that term is described in section 21303(d)(ii) that contaminates
- 14 not more than 20 cubic yards of soil per underground storage tank
- 15 or 50 cubic yards of soil per location, in which groundwater has
- 16 not been affected by the spill. -, and which is abated pursuant
- 17 to section 21306.
- 18 (E)  $\frac{f}{f}$  "Free product" means a regulated substance in a
- 19 liquid phase equal to or greater than 1/8 inch of measurable
- 20 thickness, that is not dissolved in water, and that has been
- 21 released into the environment.
- 22 (F)  $\frac{(g)}{}$  "Groundwater" means water below the land surface
- 23 in the zone of saturation.
- 24 (G)  $\frac{\text{(h)}}{\text{(m)}}$  "Heating oil" means petroleum that is no. 1,
- 25 no. 2, no. 4-light, no. 4-heavy, no. 5-light, no. 5-heavy, and
- 26 no. 6 technical grades of fuel oil; other residual fuel oils
- 27 including navy special fuel oil and bunker c; and other fuels

- 1 when used as substitutes for 1 of these fuel oils. Heating oil
- 2 is typically used in the operation of heating equipment, boilers,
- 3 or furnaces.
- 4 (H) (H) (i) "Local unit of government" means a city, village,
- 5 township, county, fire department, or local health department as
- 6 defined in section 1105 of the public health code, Act No. 368
- 7 of the Public Acts of 1978, being section 333.1105 of the
- 8 Michigan Compiled Laws 1978 PA 368, MCL 333.1105.
- 9 Sec. 21304. (1) Actions taken by a consultant pursuant
- 10 to OR CONTRACTOR RETAINED BY AN OWNER OR OPERATOR TO CARRY OUT
- 11 THE OWNER'S OR OPERATOR'S RESPONSIBILITIES UNDER this part do not
- 12 limit or remove the liability of an owner or operator. except as
- 13 specifically provided for in this part.
- 14 (2) Notwithstanding any other provision in this part, if an
- 15 owner or operator is a consultant or employs a consultant, this
- 16 part does not require the owner or operator to retain an outside
- 17 consultant to perform the responsibilities required under this
- 18 part. Those responsibilities may be performed by an owner or
- 19 operator who is a consultant or by a consultant employed by the
- 20 owner or operator.
- 21 Sec. 21304a. (1) Corrective action activities undertaken
- 22 pursuant to this part shall be conducted in accordance with the
- 23 process outlined in RBCA in a manner that is protective of the
- 24 public health, safety, and welfare, and the environment.
- 25 (2) Subject to subsections (3) and (4), the department shall
- 26 establish cleanup criteria for corrective action activities
- 27 undertaken under this part using the process outlined in RBCA.

- 1 The department shall utilize only reasonable and relevant
- 2 exposure assumptions and pathways in determining the cleanup
- 3 criteria.
- 4 (3) If a regulated substance poses a carcinogenic risk to
- 5 humans, the cleanup criteria derived for cancer risk shall be the
- 6 95% upper bound on the calculated risk of 1 additional cancer
- 7 above the background cancer rate per 100,000 individuals using
- 8 the exposure assumptions and pathways established by the depart-
- 9 ment and the process in RBCA. If a regulated substance poses a
- 10 risk of both cancer and an adverse health effect other than
- 11 cancer, cleanup criteria shall be derived for cancer and each
- 12 adverse health effect.
- 13 (4) If a cleanup criterion for groundwater differs from
- 14 either (a) the state drinking water standard established pursuant
- 15 to section 5 of the safe drinking water act, Act No. 399 of the
- 16 Public Acts of 1976, being section 325.1005 of the Michigan
- 17 Compiled Laws 1976 PA 399, MCL 325.1005, or (b) criteria for
- 18 adverse aesthetic characteristics derived pursuant to R 299.5709
- 19 of the Michigan administrative code, the cleanup criterion shall
- 20 be the more stringent of (a) or (b) unless a consultant retained
- 21 by the owner or operator determines that compliance with (a) or
- 22 (b) is not necessary because the use of the groundwater is reli-
- 23 ably restricted pursuant to section 21310a.
- 24 (5) Notwithstanding any other provision of this part, if a
- 25 release or threat of release at a site is not solely the result
- 26 of a release or threat of release from an underground storage
- 27 tank system, the owner or operator of the underground storage

- 1 tank system may choose to perform response activities pursuant to
- 2 part 201 in lieu of corrective actions pursuant to this part.
- 3 Sec. 21307. (1) Upon confirmation of a release from an
- 4 underground storage tank system, the owner or operator shall
- 5 report the release and whether free product has been discovered
- 6 to the department within 24 hours after discovery. The depart-
- 7 ment may investigate the release. However, an investigation by
- 8 the department does not relieve the owner or operator from any
- 9 responsibilities related to the release provided for in this
- **10** part.
- 11 (2) After a release has been reported under subsection (1),
- 12 the owner or operator or a consultant retained by the owner or
- 13 operator shall immediately begin and expeditiously perform all
- 14 of the following initial response actions:
- 15 (a) Identify and mitigate fire, explosion, and vapor
- 16 hazards.
- 17 (b) Take action to prevent further release of the regulated
- 18 substance into the environment including removing the regulated
- 19 substance from the underground storage tank system that is caus-
- 20 ing the release.
- 21 (c) Identify and recover free product. If free product is
- 22 identified, do all of the following:
- 23 (i) Conduct free product removal in a manner that minimizes
- 24 the spread of contamination into previously uncontaminated zones
- 25 by using recovery and disposal techniques appropriate to the con-
- 26 ditions at the site and in a manner that properly treats,

- 1 discharges, or disposes of recovery by-products as required by
- 2 law.
- 3 (ii) Use abatement of free product migration as a minimum
- 4 objective for the design of the free product removal system.
- 5 (iii) Handle any flammable products in a safe and competent
- 6 manner to prevent fires or explosions.
- 7 (iv) If a discharge is necessary in conducting free product
- 8 removal, obtain all necessary permits or authorization as
- 9 required by law.
- 10 (d) Excavate and contain, treat, or dispose of soils above
- 11 the water table that are visibly contaminated with a regulated
- 12 substance if the contamination is likely to cause a fire hazard
- 13 or spread and increase the cost of corrective action.
- 14 (e) Take any other action necessary to abate an immediate
- 15 threat to public health, safety, or welfare, or the environment.
- 16 (f) If free product is discovered after the release was
- 17 reported under subsection (1), report the free product discovery
- 18 to the department within 24 hours of its discovery.
- 19 (3) Immediately following initiation of initial response
- 20 actions under this section, the consultant retained by the
- 21 owner or operator shall do all of the following:
- 22 (a) Visually inspect the areas of any aboveground releases
- 23 or exposed areas of belowground releases and prevent further
- 24 migration of the released substance into surrounding soils,
- 25 groundwater, and surface water.
- 26 (b) Continue to monitor and mitigate any additional fire and
- 27 safety hazards posed by vapors or free product that have migrated

- 1 from the underground storage tank system excavation zone and
- 2 entered into subsurface structures.
- 3 (c) If free product is discovered at any time at a location
- 4 not previously identified under subsection (2)(c), report the
- 5 discovery within 24 hours to the department and initiate free
- 6 product recovery in compliance with subsection (2)(c).
- 7 Sec. 21307a. (1) Following initiation of initial response
- 8 actions under section 21307, a consultant retained by the owner
- 9 or operator shall complete the requirements of this part and
- 10 submit related reports or executive summaries detailed in this
- 11 part to address the contamination at the site. At any time that
- 12 sufficient corrective action has been undertaken to address con-
- 13 tamination, a consultant retained by the owner or operator
- 14 shall complete and submit a site closure report pursuant to
- 15 section 21312a and omit the remaining interim steps.
- 16 (2) In addition to the reporting requirements specified in
- 17 this part, a consultant retained by the owner or operator shall
- 18 provide 48-hour notification to the department prior to initiat-
- 19 ing any of the following activities:
- 20 (a) Soil excavation.
- 21 (b) Well drilling, including monitoring well installation.
- (c) Sampling of soil or groundwater.
- 23 (d) Construction of treatment systems.
- Sec. 21308a. (1) Within 90 days after a release has been
- 25 discovered, <del>a consultant retained by</del> the owner or operator
- 26 shall complete an initial assessment report and submit the report
- 27 to the department on a form created pursuant to section 21316.

- 1 The report shall include, but is not limited to, the following
- 2 information:
- 3 (a) Results of initial response actions taken under
- 4 section 21307(2).
- 5 (b) Site information and site characterization results. The
- 6 following items shall be included as appropriate given the site
- 7 conditions:
- **8** (*i*) The facility address.
- **9** (*ii*) The name of the facility.
- 10 (iii) The name, address, and telephone number of facility
- 11 compliance contact person.
- 12 (iv) The time and date of release discovery.
- (v) The time and date the release was reported to the
- 14 department.
- 15 (vi) A site map that includes all of the following:
- 16 (A) The location of each underground storage tank in the
- 17 leaking underground storage tank system.
- 18 (B) The location of any other underground storage tank
- 19 system on the site.
- 20 (C) The location of fill ports, dispensers, and other perti-
- 21 nent system components.
- (D) Soil and groundwater sample locations, if applicable.
- 23 (E) The locations of nearby buildings, roadways, paved
- 24 areas, or other structures.
- 25 (vii) A description of how the release was discovered.
- 26 (viii) A list of regulated substances the underground
- 27 storage tank system contained when the release occurred.

- 1 (ix) A list of the regulated substances the underground
- 2 storage tank system contained in the past other than those listed
- 3 in subparagraph (viii).
- 4 (x) The location of nearby surface waters and wetlands.
- (xi) The location of nearby underground sewers and utility
- 6 lines.
- 7 (xii) The component of the underground storage tank system
- 8 from which the release occurred (e.g., piping, underground stor-
- 9 age tank, overfill).
- 10 (xiii) Whether the underground storage tank system was emp-
- 11 tied to prevent further release.
- 12 (xiv) A description of what other steps were taken to pre-
- 13 vent further migration of the regulated substance into the soil
- 14 or groundwater.
- 15 (xv) Whether vapors or free product was found and what steps
- 16 were taken to abate those conditions and the current levels of
- 17 vapors or free product in nearby structures.
- 18 (xvi) The extent to which all or part of the underground
- 19 storage tank system or soil, or both, was removed.
- 20 (xvii) Data from analytical testing of soil and groundwater
- 21 samples.
- 22 (xviii) A description of the free product investigation and
- 23 removal if free product was present, including all of the
- 24 following:
- 25 (A) A description of the actions taken to remove any free
- 26 product.

- 1 (B) The name of the person or persons responsible for
- 2 implementing the free product removal measures.
- 3 (C) The estimated quantity, type, and thickness of free pro-
- 4 duct observed or measured in wells, boreholes, and excavations.
- 5 (D) The type of free product recovery system used.
- 6 (E) Whether any discharge will take place on site or off
- 7 site during the recovery operation and where this discharge will
- 8 be located.
- 9 (F) The type of treatment applied to, and the effluent qual-
- 10 ity expected from, any discharge.
- 11 (G) The steps that have been or are being taken to obtain
- 12 necessary permits for any discharge.
- 13 (H) The quantity and disposition of the recovered free
- 14 product.
- 15 (xix) Identification of any other contamination on the site
- 16 not resulting from the release and the source, if known.
- 17 (xx) An estimate of the horizontal and vertical extent of
- 18 on-site and off-site soil contamination.
- 19 (xxi) The depth to groundwater.
- 20 (xxii) An identification of potential migration and exposure
- 21 pathways and receptors.
- 22 (xxiii) An estimate of the amount of soil in the vadose zone
- 23 that is contaminated.
- 24 (xxiv) If the on-site assessment indicates that off-site
- 25 soil or groundwater may be affected, report the steps that have
- 26 been taken or will be taken including an implementation schedule

- 1 to expeditiously secure access to off-site properties to complete
- 2 the delineation of the extent of the release.
- 3 (xxv) Groundwater flow rate and direction.
- 4 (xxvi) Laboratory analytical data collected.
- 5 (xxvii) The vertical distribution of contaminants.
- **6** (c) Site classification under section 21314a.
- 7 (d) Tier I or tier II evaluation according to the RBCA8 process.
- 9 (e) A work plan, including an implementation schedule for
- 10 conducting a final assessment report under section 21311a, to
- 11 determine the vertical and horizontal extent of the contamination
- 12 as necessary for preparation of the corrective action plan.
- 13 (2) If free product is discovered at a site after the sub-
- 14 mittal of an initial assessment report pursuant to
- 15 subsection (1), the owner or operator —, or consultant retained
- 16 by the owner or operator, shall do both of the following:
- 17 (a) Perform initial response actions identified in section
- 18  $\frac{21307(2)(c)(i)}{(c)(i)}$  to  $\frac{(iv)}{(c)}$  21307(2)(C).
- 19 (b) Submit to the department an amendment to the initial
- 20 assessment report within 30 days of discovery of the free product
- 21 that describes response actions taken as a result of the free
- 22 product discovery.
- Sec. 21309a. (1) If initial response actions under
- 24 section 21307 have not resulted in completion of corrective
- 25 action, a consultant retained by an THE owner or operator shall
- 26 prepare a corrective action plan to address contamination at the
- 27 site. For corrective action plans submitted as part of a final

- 1 assessment report pursuant to section 21311a after October 1,
- 2 1995, the corrective action plan shall use the process described
- 3 in RBCA.
- 4 (2) A corrective action plan shall include all of the
- 5 following:
- 6 (a) A description of the corrective action to be imple-
- 7 mented, including an explanation of how that action will meet the
- 8 requirements of the RBCA process. The corrective action plan
- 9 shall also include an analysis of the selection of indicator
- 10 parameters to be used in evaluating the implementation of the
- 11 corrective action plan, if indicator parameters are to be used.
- 12 The corrective action plan shall include a description of ambient
- 13 air quality monitoring activities to be undertaken during the
- 14 corrective action if such activities are appropriate.
- 15 (b) An operation and maintenance plan if any element of the
- 16 corrective action requires operation and maintenance. The opera-
- 17 tion and maintenance plan shall include all of the following:
- 18 (i) Name, telephone number, and address of the person who is
- 19 responsible for operation and maintenance.
- 20 (ii) Operation and maintenance schedule.
- 21 (iii) Written and pictorial plan of operation and
- 22 maintenance.
- 23 (iv) Design and construction plans.
- 24 (v) Equipment diagrams, specifications, and manufacturers'
- 25 guidelines.
- 26 (vi) Safety plan.

- 1 (vii) Emergency plan, including emergency contact telephone
- 2 numbers.
- 3 (viii) A list of spare parts available for emergency
- 4 repairs.
- 5 (ix) Other information required by the department to deter-
- 6 mine the adequacy of the operation and maintenance plan.
- 7 Department requests for information pursuant to this subparagraph
- 8 shall be limited to factors not adequately addressed by informa-
- 9 tion required by subparagraphs (i) through (viii) and shall be
- 10 accompanied by an explanation of the need for the additional
- 11 information.
- 12 (c) A monitoring plan if monitoring of environmental media
- 13 or site activities or both is required to confirm the effective-
- 14 ness and integrity of the remedy. The monitoring plan shall
- 15 include all of the following:
- 16 (i) Location of monitoring points.
- 17 (ii) Environmental media to be monitored, including, but not
- 18 limited to, soil, air, water, or biota.
- 19 (iii) Monitoring schedule.
- 20 (iv) Monitoring methodology, including sample collection
- 21 procedures.
- (v) Substances to be monitored, including an explanation of
- 23 the selection of any indicator parameters to be used.
- (vi) Laboratory methodology, including the name of the labo-
- 25 ratory responsible for analysis of monitoring samples, method
- 26 detection limits, and practical quantitation levels. Raw data

- 1 used to determine method detection limits shall be made available
- 2 to the department on request.
- 3 (vii) Quality control/quality assurance plan.
- 4 (viii) Data presentation and evaluation plan.
- 5 (ix) Contingency plan to address ineffective monitoring.
- $\mathbf{6}$  (x) Operation and maintenance plan for monitoring.
- 7 (xi) How the monitoring data will be used to demonstrate
- 8 effectiveness of corrective action activities.
- 9 (xii) Other elements required by the department to determine
- 10 the adequacy of the monitoring plan. Department requests for
- 11 information pursuant to this subparagraph shall be limited to
- 12 factors not adequately addressed by information required under
- 13 subparagraphs (i) through (xi) and shall be accompanied by an
- 14 explanation of the need for the additional information.
- 15 (d) An explanation of any land use or resource use restric-
- 16 tions, if the restrictions are required pursuant to
- 17 section 21310a.
- 18 (e) A schedule for implementation of the corrective action.
- 19 (f) A financial assurance mechanism, as provided for in
- 20 R 29.2161 to R 29.2169 of the Michigan administrative code, in an
- 21 amount approved by the department, to pay for monitoring, opera-
- 22 tion and maintenance, oversight, and other costs if required by
- 23 the department as necessary to assure the effectiveness and
- 24 integrity of the corrective action.
- (g) If provisions for operation and maintenance, monitoring,
- 26 or financial assurance are included in the corrective action
- 27 plan, and those provisions are not complied with, the corrective

- 1 action plan is void from the time of lapse or violation unless
- 2 the lapse or violation is corrected to the satisfaction of the
- 3 department.
- 4 (3) If a corrective action plan prepared under this section
- 5 does not result in an unrestricted use of the property for any
- 6 purpose, the owner or operator or a consultant retained by the
- 7 owner or operator shall provide notice to the public by means
- 8 designed to reach those members of the public directly impacted
- 9 by the release and the proposed corrective action. The notice
- 10 shall include the name, address, and telephone number of a con-
- 11 tact person. A copy of the notice and proof of providing the
- 12 notice shall be submitted to the department. The department
- 13 shall ensure that site release information and corrective action
- 14 plans that do not result in an unrestricted use of property are
- 15 made available to the public for inspection upon request.
- 16 Sec. 21310a. (1) If the corrective action activities at a
- 17 site result in a final remedy that relies on tier I commercial or
- 18 industrial criteria, institutional controls shall be implemented
- 19 as provided in this subsection. A notice of corrective action
- 20 shall be recorded with the register of deeds for the county in
- 21 which the site is located prior to submittal of a closure report
- 22 under section 21312a. A notice shall be filed under this subsec-
- 23 tion only by the property owner or with the express written per-
- 24 mission of the property owner. The form and content of the
- 25 notice shall be subject to approval by the department. A notice
- 26 of corrective action recorded under this subsection shall state
- 27 the land use that was the basis of the corrective action selected

- 1 by a consultant retained by the owner or operator. The notice
- 2 shall state that if there is a proposed change in the land use at
- 3 any time in the future, that change may necessitate further eval-
- 4 uation of potential risks to the public health, safety, and wel-
- 5 fare and to the environment and that the department shall be con-
- 6 tacted regarding any proposed change in the land use. Additional
- 7 requirements for financial assurance, monitoring, or operation
- 8 and maintenance shall not apply if contamination levels do not
- 9 exceed the levels established in the tier I evaluation.
- 10 (2) If corrective action activities at a site rely on insti-
- 11 tutional controls other than as provided in subsection (1), the
- 12 institutional controls shall be implemented as provided in this
- 13 subsection. The restrictive covenant shall be recorded with the
- 14 register of deeds for the county in which the property is located
- 15 within 30 days from submittal of the final assessment report pur-
- 16 suant to section 21311a, unless otherwise agreed to by the
- 17 department. The restrictive covenant shall be filed only by the
- 18 property owner or with the express written permission of the
- 19 property owner. The restrictions shall run with the land and be
- 20 binding on the owner's successors, assigns, and lessees. The
- 21 restrictions shall apply until the department determines that
- 22 regulated substances no longer present an unacceptable risk to
- 23 the public health, safety, or welfare or to the environment. The
- 24 restrictive covenant shall include a survey and property descrip-
- 25 tion which define the areas addressed by the corrective action
- 26 plan and the scope of any land use or resource use limitations.
- 27 The form and content of the restrictive covenant are subject to

- 1 approval by the department and shall include provisions to
- 2 accomplish all of the following:
- 3 (a) Restrict activities at the site that may interfere with
- 4 corrective action, operation and maintenance, monitoring, or
- 5 other measures necessary to assure the effectiveness and integ-
- 6 rity of the corrective action.
- 7 (b) Restrict activities that may result in exposure to regu-
- 8 lated substances above levels established in the corrective
- 9 action plan.
- 10 (c) Prevent a conveyance of title, an easement, or other
- 11 interest in the property from being consummated by the property
- 12 owner without adequate and complete provision for compliance with
- 13 the corrective action plan and prevention of exposure to regu-
- 14 lated substances described in subdivision (b).
- 15 (d) Grant to the department and its designated representa-
- 16 tives the right to enter the property at reasonable times for the
- 17 purpose of determining and monitoring compliance with the correc-
- 18 tive action plan, including but not limited to the right to take
- 19 samples, inspect the operation of the corrective action measures,
- 20 and inspect records.
- 21 (e) Allow the state to enforce restrictions set forth in the
- 22 covenant by legal action in a court of appropriate jurisdiction.
- 23 (f) Describe generally the uses of the property that are
- 24 consistent with the corrective action plan.
- 25 (3) If <del>a consultant retained by</del> the owner or operator
- 26 determines that exposure to regulated substances may be reliably
- 27 restricted by a means other than a restrictive covenant and that

- 1 imposition of land use or resource use restrictions through
- 2 restrictive covenants is impractical, the -consultant OWNER OR
- 3 OPERATOR may select a corrective action plan that relies on
- 4 alternative mechanisms. Mechanisms that may be considered under
- 5 this subsection include, but are not limited to, an ordinance
- 6 that prohibits the use of groundwater in a manner and to a degree
- 7 that protects against unacceptable exposure to a regulated sub-
- 8 stance as defined by the cleanup criteria identified in the cor-
- 9 rective action plan. An ordinance that serves as an exposure
- 10 control under this subsection shall include both of the
- 11 following:
- 12 (a) A requirement that the local unit of government notify
- 13 the department 30 days before adopting a modification to the
- 14 ordinance or the lapsing or revocation of the ordinance.
- 15 (b) A requirement that the ordinance be filed with the req-
- 16 ister of deeds as an ordinance affecting multiple properties.
- 17 (4) Notwithstanding subsections (1), (2), and (3), if a
- 18 mechanism other than a notice of corrective action, an ordinance,
- 19 or a restrictive covenant is requested by a consultant retained
- 20 by an owner or operator and the department determines that the
- 21 alternative mechanism is appropriate, the department may approve
- 22 of the alternate mechanism.
- 23 (5) A person who implements corrective action activities
- 24 shall provide notice of the land use restrictions that are part
- 25 of the corrective action plan to the local unit of government in
- 26 which the site is located within 30 days of submittal of the

- 1 corrective action plan, unless otherwise approved by the
- 2 department.
- 3 Sec. 21311a. (1) Within 365 days after a release has been
- 4 discovered, a consultant retained by an THE owner or operator
- 5 shall complete a final assessment report that includes a correc-
- 6 tive action plan developed under section 21309a and submit the
- 7 report to the department on a form created pursuant to
- 8 section 21316. The report shall include, but is not limited to,
- 9 the following information:
- 10 (a) The extent of contamination.
- 11 (b) Tier II and tier III evaluation, as appropriate, under
- 12 the RBCA process.
- 13 (c) A feasibility analysis. The following shall be includ-
- 14 ed, as appropriate, given the site conditions:
- 15 (i) On-site and off-site corrective action alternatives to
- 16 remediate contaminated soil and groundwater for each cleanup
- 17 type, including alternatives that permanently and significantly
- 18 reduce the volume, toxicity, and mobility of the regulated
- 19 substances.
- 20 (ii) The costs associated with each corrective action alter-
- 21 native including alternatives that permanently and significantly
- 22 reduce the volume, toxicity, and mobility of the regulated
- 23 substances.
- 24 (iii) The effectiveness and feasibility of each corrective
- 25 action alternative in meeting cleanup criteria.
- 26 (iv) The time necessary to implement and complete each
- 27 corrective action alternative.

- 1 (v) The preferred corrective action alternative based upon
- 2 subparagraphs (i) through (iv) and an implementation schedule for
- 3 completion of the corrective action.
- 4 (d) A corrective action plan.
- 5 (e) A schedule for corrective action plan implementation.
- **6** (2) If the preferred corrective action alternative under
- 7 subsection (1)(c)(v) is based on the use of institutional con-
- 8 trols regarding off-site migration of regulated substances, the
- 9 corrective action plan shall not be implemented until it is
- 10 reviewed and determined by the department to be in compliance
- 11 with this part.
- 12 Sec. 21312a. (1) Within 30 days following completion of the
- 13 corrective action, <del>a consultant retained by</del> the owner or opera-
- 14 tor shall complete a closure report and submit the report to the
- 15 department on a form created pursuant to section 21316. The
- 16 report shall include, but is not limited to, the following
- 17 information:
- (a) A summary of corrective action activities.
- (b) Closure verification sampling results.
- 20 (c) A closure certification. prepared by the consultant
- 21 retained by the owner or operator.
- 22 (2) Within 60 days after receipt of a closure report under
- 23 subsection (1), the department shall provide the <del>consultant who</del>
- 24 submitted the closure report OWNER OR OPERATOR with a confirma-
- 25 tion of the department's receipt of the report.
- 26 Sec. 21313a. (1) Beginning on the effective date of the
- 27 amendatory act that added subsection (7), APRIL 13, 1995, except

- 1 as provided in subsection  $\frac{(7)}{(6)}$ , and except for the
- 2 confirmation provided in section 21312a(2), if a report is not
- 3 completed or a required submittal under section 21308a, 21311a,
- 4 or 21312a(1) is not provided during the time required, the
- 5 department may impose a penalty according to the following
- 6 schedule:
- 7 (a) Not more than \$100.00 per day for the first 7 days that
- 8 the report is late.
- 9 (b) Not more than \$500.00 per day for days 8 through 14 that
- 10 the report is late.
- 11 (c) Not more than \$1,000.00 per day for each day beyond day
- 12 14 that the report is late.
- 13 (2) For purposes of this section, in computing a period of
- 14 time, the day of the act, event, or default, after which the des-
- 15 ignated period of time begins to run is not included. The last
- 16 day of the period is included, unless it is a Saturday, Sunday,
- 17 legal holiday, or holiday, in which event the period runs until
- 18 the end of the next day that is not a Saturday, Sunday, legal
- 19 holiday, or holiday.
- 20 (3) The department may, upon request, grant an extension to
- 21 a reporting deadline provided in this part for good cause upon
- 22 written request 15 days prior to the deadline.
- 23 (4) The owner or operator may by contract transfer the
- 24 responsibility for paying fines under this section to a consul-
- 25 tant retained by the owner or operator.

- 1 (4)  $\overline{(5)}$  The department shall forward all money collected
- 2 pursuant to this section to the state treasurer for deposit in
- 3 the emergency response fund created in section 21507.
- 4 (5)  $\overline{(6)}$  An appeal of a penalty imposed under this section
- 5 may be taken pursuant to section 631 of the revised judicature
- 6 act of 1961, Act No. 236 of the Public Acts of 1961, being
- 7 section 600.631 of the Michigan Compiled Laws 1961 PA 236, MCL
- 8 600.631.
- 9 (6)  $\frac{(7)}{(7)}$  A penalty shall not begin to accrue under this
- 10 section unless the department has first notified the person on
- 11 whom the penalty is imposed that he or she is subject to the pen-
- 12 alties provided in this section.
- 13 Sec. 21314a. The department shall establish and implement a
- 14 classification system for sites considering impacts on public
- 15 health, safety, and welfare, and the environment.
- 16 Notwithstanding any other provision in this part, at sites posing
- 17 an imminent risk to the public health, safety, or welfare, or the
- 18 environment, corrective action shall be implemented immediately.
- 19 If the department determines that no imminent risk to the public
- 20 health, safety, or welfare, or the environment exists at a site,
- 21 the department may allow corrective action at these sites to be
- 22 conducted on a schedule approved by the department. This provi-
- 23 sion shall not be used by the department to limit the ability of
- 24 a owner, operator or a consultant to submit a claim to the
- 25 Michigan underground storage tank financial assurance fund, or
- 26 delay payment on a valid claim to an owner, operator or
- 27 consultant.

- 1 Sec. 21315. (1) The department shall design and implement a
- 2 program to selectively audit or oversee all aspects of corrective
- 3 actions undertaken under this part to assure compliance with this
- 4 part. The department may audit a site at any time prior to
- 5 receipt of a closure report pursuant to section 21312a and within
- 6 6 months after receipt of the closure report.
- 7 (2) If the department conducts an audit under this section
- 8 and the audit confirms that the cleanup criteria have been met,
- 9 the department shall provide the owner or operator with a letter
- 10 that describes the audit and its results. Notwithstanding sec-
- 11 tion 21312a, after conducting an audit under this section, the
- 12 department may issue a closure letter for any site that meets the
- 13 cleanup criteria pursuant to section 21304a.
- 14 (3) If an audit conducted under this section does not con-
- 15 firm that corrective action has been conducted in compliance with
- 16 this part or that cleanup criteria have been met, the department
- 17 may require an owner or operator to do either or both of the
- 18 following:
- 19 (a) Provide additional information related to any require-
- 20 ment of this part.
- 21 (b) Retain a consultant to take TAKE additional corrective
- 22 actions necessary to comply with this part or to protect public
- 23 health, safety, or welfare, or the environment.

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