

**SUBSTITUTE FOR  
SENATE BILL NO. 1345**

A bill to amend 1994 PA 451, entitled "Natural resources and environmental protection act," by amending sections 20114a, 20120a, 20120b, 20120c, and 20120d (MCL 324.20114a, 324.20120a, 324.20120b, 324.20120c, and 324.20120d), section 20114a as amended by 1996 PA 115, sections 20120a, 20120b, and 20120c as added by 1995 PA 71, and section 20120d as amended by 1996 PA 383, and by adding sections 20114b, 20114c, 20114d, 20120, and 20120e; and to repeal acts and parts of acts.

**THE PEOPLE OF THE STATE OF MICHIGAN ENACT:**

1       Sec. 20114a. ~~(1) A person who, after June 5, 1995, is~~  
2 ~~responsible for an activity causing a release in excess of the~~  
3 ~~concentrations that satisfy the criteria established pursuant to~~  
4 ~~section 20120a(1)(a) through (e), as appropriate for the use of the~~

1 ~~property, is subject to a civil fine as provided in this part~~  
2 ~~unless a fine or penalty has already been imposed for the release~~  
3 ~~under another part of this act. However, a civil fine shall not be~~  
4 ~~imposed under this section against a person who made a good faith~~  
5 ~~effort to prevent the release and to comply with the provisions of~~  
6 ~~this part.~~

7 ~~—— (2) This section does not apply to a release from an~~  
8 ~~underground storage tank system as defined in part 213.~~

9 (1) SUBJECT TO SECTION 20114 AND OTHER APPLICABLE LAW, A  
10 PERSON MAY UNDERTAKE RESPONSE ACTIVITIES WITHOUT PRIOR APPROVAL BY  
11 THE DEPARTMENT UNLESS 1 OR MORE RESPONSE ACTIVITIES ARE BEING  
12 CONDUCTED PURSUANT TO AN ADMINISTRATIVE ORDER OR AGREEMENT OR  
13 JUDICIAL DECREE THAT REQUIRES PRIOR DEPARTMENT APPROVAL. EXCEPT AS  
14 OTHERWISE PROVIDED IN THIS PART, CONDUCTING RESPONSE ACTIVITIES  
15 UNDER THIS SECTION DOES NOT RELIEVE ANY PERSON WHO IS LIABLE UNDER  
16 THIS PART FROM THE OBLIGATION TO CONDUCT FURTHER RESPONSE  
17 ACTIVITIES AS MAY BE REQUIRED BY THE DEPARTMENT UNDER THIS PART OR  
18 OTHER APPLICABLE LAW.

19 (2) UPON COMPLETION OF REMEDIAL ACTIONS THAT SATISFY THE  
20 CLEANUP CRITERIA ESTABLISHED UNDER THIS PART, A PERSON UNDERTAKING  
21 REMEDIAL ACTIONS MAY SUBMIT TO THE DEPARTMENT A NO FURTHER ACTION  
22 REPORT.

23 SEC. 20114B. (1) SUBJECT TO SECTION 20114(1)(H), A PERSON  
24 UNDERTAKING RESPONSE ACTIVITY UNDER THIS PART MAY SUBMIT TO THE  
25 DEPARTMENT A RESPONSE ACTIVITY PLAN THAT INCLUDES A REQUEST FOR  
26 DEPARTMENT APPROVAL OF 1 OR MORE ASPECTS OF RESPONSE ACTIVITY.

27 (2) A PERSON WHO SUBMITS A RESPONSE ACTIVITY PLAN UNDER THIS

1 SECTION AND WHO IS NOT SUBJECT TO AN ADMINISTRATIVE ORDER OR  
2 AGREEMENT OR JUDICIAL DECREE THAT REQUIRES PRIOR DEPARTMENT  
3 APPROVAL OF RESPONSE ACTIVITY SHALL SUBMIT A RESPONSE ACTIVITY PLAN  
4 REVIEW REQUEST FORM WITH THE RESPONSE ACTIVITY PLAN. THE DEPARTMENT  
5 SHALL SPECIFY THE REQUIRED CONTENT OF THE RESPONSE ACTIVITY REQUEST  
6 FORM AND MAKE THE FORM AVAILABLE ON THE DEPARTMENT'S WEBSITE.

7 (3) UPON RECEIPT OF A RESPONSE ACTIVITY PLAN SUBMITTED FOR  
8 APPROVAL UNDER THIS SUBSECTION, THE DEPARTMENT SHALL APPROVE,  
9 APPROVE WITH CONDITIONS, OR DENY THE RESPONSE ACTIVITY PLAN, OR  
10 SHALL NOTIFY THE SUBMITTER THAT THE PLAN DOES NOT CONTAIN  
11 SUFFICIENT INFORMATION FOR THE DEPARTMENT TO MAKE A DECISION. THE  
12 DEPARTMENT SHALL PROVIDE ITS DETERMINATION WITHIN 150 DAYS AFTER  
13 THE PLAN WAS RECEIVED BY THE DEPARTMENT UNLESS THE PLAN REQUIRES  
14 PUBLIC PARTICIPATION UNDER SECTION 20120D(2). IF THE PLAN REQUIRES  
15 PUBLIC PARTICIPATION UNDER SECTION 20120D(2), THE DEPARTMENT SHALL  
16 RESPOND WITHIN 180 DAYS. IF THE DEPARTMENT'S RESPONSE IS THAT THE  
17 PLAN DOES NOT INCLUDE SUFFICIENT INFORMATION, THE DEPARTMENT SHALL  
18 IDENTIFY THE INFORMATION THAT IS REQUIRED FOR THE DEPARTMENT TO  
19 MAKE A DECISION. IF A PLAN IS APPROVED WITH CONDITIONS, THE  
20 DEPARTMENT'S APPROVAL SHALL STATE WITH SPECIFICITY THE CONDITIONS  
21 OF THE APPROVAL. IF THE PLAN IS DENIED, THE DEPARTMENT'S DENIAL  
22 SHALL, TO THE EXTENT PRACTICAL, STATE WITH SPECIFICITY ALL OF THE  
23 REASONS FOR DENIAL.

24 (4) IF THE DEPARTMENT FAILS TO PROVIDE A WRITTEN RESPONSE  
25 WITHIN THE TIME FRAMES REQUIRED BY SUBSECTION (3), THE RESPONSE  
26 ACTIVITY PLAN IS CONSIDERED APPROVED. IF THE DEPARTMENT DENIES A  
27 RESPONSE ACTIVITY PLAN UNDER SUBSECTION (3), A PERSON MAY

1 SUBSEQUENTLY REVISE AND RESUBMIT THE RESPONSE ACTIVITY PLAN FOR  
2 APPROVAL.

3 (5) ANY TIME FRAME REQUIRED BY THIS SECTION MAY BE EXTENDED BY  
4 MUTUAL AGREEMENT OF THE DEPARTMENT AND A PERSON SUBMITTING A  
5 RESPONSE ACTIVITY PLAN. AN AGREEMENT EXTENDING A TIME FRAME SHALL  
6 BE IN WRITING.

7 (6) A PERSON REQUESTING APPROVAL OF A RESPONSE ACTIVITY PLAN  
8 MAY APPEAL THE DEPARTMENT'S DECISION IN ACCORDANCE WITH SECTION  
9 20114E, IF APPLICABLE.

10 SEC. 20114C. (1) IF REMEDIAL ACTIONS AT A FACILITY SATISFY  
11 CLEANUP CRITERIA FOR UNRESTRICTED RESIDENTIAL USE, LAND USE OR  
12 RESOURCE USE RESTRICTIONS OR MONITORING IS NOT REQUIRED.

13 (2) UPON COMPLETION OF REMEDIAL ACTIONS AT A FACILITY FOR A  
14 CATEGORY OF CLEANUP THAT DOES NOT SATISFY CLEANUP CRITERIA FOR  
15 UNRESTRICTED RESIDENTIAL USE, THE PERSON CONDUCTING THE REMEDIAL  
16 ACTIONS SHALL PREPARE AND IMPLEMENT A POSTCLOSURE PLAN FOR THAT  
17 FACILITY. A POSTCLOSURE PLAN SHALL INCLUDE BOTH OF THE FOLLOWING:

18 (A) LAND USE OR RESOURCE USE RESTRICTIONS AS PROVIDED IN  
19 SUBSECTION (3).

20 (B) PERMANENT MARKERS TO DESCRIBE RESTRICTED AREAS OF THE  
21 FACILITY AND THE NATURE OF ANY RESTRICTIONS. A PERMANENT MARKER IS  
22 NOT REQUIRED UNDER THIS SUBDIVISION IF THE ONLY APPLICABLE LAND USE  
23 OR RESOURCE USE RESTRICTIONS RELATE TO 1 OR MORE OF THE FOLLOWING:

24 (i) A FACILITY AT WHICH REMEDIAL ACTION SATISFIES THE CLEANUP  
25 CRITERIA FOR THE NONRESIDENTIAL CATEGORY UNDER SECTION  
26 20120A(1)(B).

27 (ii) USE OF GROUNDWATER.

1           (iii) PROTECTION OF THE INTEGRITY OF EXPOSURE CONTROLS THAT  
2 PREVENT CONTACT WITH SOIL, AND THOSE CONTROLS ARE COMPOSED SOLELY  
3 OF ASPHALT, CONCRETE, OR LANDSCAPING MATERIALS. THIS SUBPARAGRAPH  
4 DOES NOT APPLY IF THE HAZARDOUS SUBSTANCES THAT ARE ADDRESSED BY  
5 THE BARRIER EXCEED A CLEANUP CRITERION BASED ON ACUTE TOXIC  
6 EFFECTS, REACTIVITY, CORROSIVITY, IGNITABILITY, EXPLOSIVITY, OR  
7 FLAMMABILITY, OR IF ANY HAZARDOUS SUBSTANCE ADDRESSED BY THE  
8 EXPOSURE CONTROL IS PRESENT AT A CONCENTRATION OF MORE THAN 10  
9 TIMES AN APPLICABLE SOIL DIRECT CONTACT CLEANUP CRITERION.

10           (iv) CONSTRUCTION REQUIREMENTS OR LIMITATIONS FOR STRUCTURES  
11 THAT MAY BE BUILT IN THE FUTURE.

12           (3) LAND USE OR RESOURCE USE RESTRICTIONS THAT ASSURE THE  
13 EFFECTIVENESS AND INTEGRITY OF ANY CONTAINMENT, EXPOSURE BARRIER,  
14 OR OTHER LAND USE OR RESOURCE USE RESTRICTIONS NECESSARY TO ASSURE  
15 THE EFFECTIVENESS AND INTEGRITY OF THE REMEDY SHALL BE DESCRIBED IN  
16 A RESTRICTIVE COVENANT. A RESTRICTIVE COVENANT DEVELOPED TO COMPLY  
17 WITH THIS PART SHALL BE IN A FORMAT MADE AVAILABLE ON THE  
18 DEPARTMENT'S WEBSITE, WITH MODIFICATIONS TO REFLECT THE FACTS  
19 APPLICABLE TO THE FACILITY. THE RESTRICTIVE COVENANT SHALL BE  
20 RECORDED WITH THE REGISTER OF DEEDS FOR THE COUNTY IN WHICH THE  
21 PROPERTY IS LOCATED WITHIN 21 DAYS AFTER THE COMPLETION OF THE  
22 REMEDIAL ACTIONS OR WITHIN 21 DAYS AFTER THE COMPLETION OF  
23 CONSTRUCTION OF THE CONTAINMENT OR BARRIER, AS APPROPRIATE. THE  
24 RESTRICTIVE COVENANT SHALL ONLY BE RECORDED BY THE PROPERTY OWNER  
25 OR WITH THE EXPRESS WRITTEN PERMISSION OF THE PROPERTY OWNER. THE  
26 RESTRICTIONS SHALL RUN WITH THE LAND AND BE BINDING ON THE OWNER'S  
27 SUCCESSORS, ASSIGNS, AND LESSEES. THE RESTRICTIVE COVENANT SHALL

1 INCLUDE A SURVEY AND PROPERTY DESCRIPTION THAT DEFINE THE AREAS  
2 ADDRESSED BY THE REMEDIAL ACTIONS AND THE SCOPE OF ANY LAND USE OR  
3 RESOURCE USE RESTRICTIONS. AT A MINIMUM, THE RESTRICTIVE COVENANT  
4 SHALL DO ALL OF THE FOLLOWING:

5 (A) DESCRIBE THE GENERAL USES OF THE PROPERTY THAT ARE  
6 CONSISTENT WITH THE CLEANUP CRITERIA.

7 (B) RESTRICT ACTIVITIES AT THE FACILITY THAT MAY INTERFERE  
8 WITH REMEDIAL ACTIONS, OPERATION AND MAINTENANCE, MONITORING, OR  
9 OTHER MEASURES NECESSARY TO ASSURE THE EFFECTIVENESS AND INTEGRITY  
10 OF THE REMEDIAL ACTIONS.

11 (C) RESTRICT ACTIVITIES THAT MAY RESULT IN EXPOSURES ABOVE  
12 LEVELS ATTAINED IN THE REMEDIAL ACTIONS.

13 (D) GRANT TO THE DEPARTMENT THE ABILITY TO ENFORCE THE  
14 RESTRICTIVE COVENANT BY LEGAL ACTION IN A COURT OF APPROPRIATE  
15 JURISDICTION.

16 (4) A PERSON SHALL NOT RECORD A RESTRICTIVE COVENANT  
17 INDICATING APPROVAL BY THE DEPARTMENT UNLESS THE DEPARTMENT HAS  
18 APPROVED THE RECORDING OF THE RESTRICTIVE COVENANT.

19 (5) A PERSON WHO IMPLEMENTS A POSTCLOSURE PLAN SHALL PROVIDE  
20 NOTICE OF THE LAND USE OR RESOURCE USE RESTRICTIONS TO THE  
21 DEPARTMENT AND TO THE ZONING AUTHORITY FOR THE LOCAL UNIT OF  
22 GOVERNMENT IN WHICH THE FACILITY IS LOCATED WITHIN 30 DAYS AFTER  
23 RECORDING THE LAND USE OR RESOURCE USE RESTRICTIONS WITH THE  
24 REGISTER OF DEEDS.

25 (6) THE DEPARTMENT, WITH THE APPROVAL OF THE STATE  
26 ADMINISTRATIVE BOARD, MAY PLACE RESTRICTIVE COVENANTS RELATED TO  
27 LAND USE OR RESOURCE USE RESTRICTIONS ON DEEDS OF STATE-OWNED

1 PROPERTY.

2 (7) IMPLEMENTATION OF REMEDIAL ACTIONS DOES NOT RELIEVE A  
3 PERSON WHO IS LIABLE UNDER SECTION 20126 OF THAT PERSON'S  
4 RESPONSIBILITY TO REPORT AND PROVIDE FOR RESPONSE ACTIVITY TO  
5 ADDRESS A SUBSEQUENT RELEASE OR THREAT OF RELEASE.

6 (8) IMPLEMENTATION BY ANY PERSON OF REMEDIAL ACTIONS WITHOUT  
7 DEPARTMENT APPROVAL DOES NOT RELIEVE THAT PERSON OF AN OBLIGATION  
8 TO UNDERTAKE RESPONSE ACTIVITIES OR LIMIT THE ABILITY OF THE  
9 DEPARTMENT TO TAKE ACTION TO REQUIRE RESPONSE ACTIVITIES NECESSARY  
10 TO COMPLY WITH THIS PART BY A PERSON WHO IS LIABLE UNDER SECTION  
11 20126.

12 SEC. 20114D. (1) UPON COMPLETION OF REMEDIAL ACTIONS THAT  
13 SATISFY APPLICABLE CLEANUP CRITERIA ESTABLISHED UNDER THIS PART,  
14 AND ALL OTHER REQUIREMENTS OF THIS PART THAT ARE APPLICABLE TO  
15 REMEDIAL ACTION, A PERSON MAY SUBMIT A NO FURTHER ACTION REPORT TO  
16 THE DEPARTMENT. THE NO FURTHER ACTION REPORT SHALL DOCUMENT THE  
17 BASIS FOR CONCLUDING THAT THE REMEDIAL ACTIONS HAVE BEEN COMPLETED.  
18 A NO FURTHER ACTION REPORT MAY INCLUDE A REQUEST THAT, UPON  
19 APPROVAL, THE FACILITY BE DESIGNATED AS A RESIDENTIAL CLOSURE. A NO  
20 FURTHER ACTION REPORT SHALL BE SUBMITTED WITH A FORM DEVELOPED BY  
21 THE DEPARTMENT. THE DEPARTMENT SHALL MAKE THIS FORM AVAILABLE ON  
22 ITS WEBSITE.

23 (2) A NO FURTHER ACTION REPORT SUBMITTED UNDER SUBSECTION (1)  
24 SHALL BE SUBMITTED WITH THE FOLLOWING, AS APPLICABLE:

25 (A) IF THE REMEDIAL ACTION AT THE FACILITY SATISFIES THE  
26 CLEANUP CRITERIA FOR UNRESTRICTED RESIDENTIAL USE, NEITHER A  
27 POSTCLOSURE PLAN OR A PROPOSED POSTCLOSURE AGREEMENT IS REQUIRED TO

1 BE SUBMITTED.

2 (B) IF THE REMEDIAL ACTION REQUIRES ONLY LAND USE OR RESOURCE  
3 USE RESTRICTIONS AND FINANCIAL ASSURANCE IS NOT REQUIRED OR THE  
4 FINANCIAL ASSURANCE IS DE MINIMIS, A POSTCLOSURE PLAN IS REQUIRED  
5 BUT A PROPOSED POSTCLOSURE AGREEMENT IS NOT REQUIRED TO BE  
6 SUBMITTED.

7 (C) FOR FACILITIES OTHER THAN THOSE DESCRIBED IN SUBDIVISION  
8 (A) OR (B), A POSTCLOSURE PLAN AND A PROPOSED POSTCLOSURE AGREEMENT  
9 ARE REQUIRED TO BE SUBMITTED.

10 (3) A PROPOSED POSTCLOSURE AGREEMENT THAT IS SUBMITTED AS PART  
11 OF A NO FURTHER ACTION REPORT SHALL INCLUDE ALL OF THE FOLLOWING:

12 (A) PROVISIONS FOR MONITORING, OPERATION AND MAINTENANCE, AND  
13 OVERSIGHT NECESSARY TO ASSURE THE EFFECTIVENESS AND INTEGRITY OF  
14 THE REMEDIAL ACTION.

15 (B) FINANCIAL ASSURANCE TO PAY FOR MONITORING, OPERATION AND  
16 MAINTENANCE, OVERSIGHT, AND OTHER COSTS DETERMINED BY THE  
17 DEPARTMENT TO BE NECESSARY TO ASSURE THE EFFECTIVENESS AND  
18 INTEGRITY OF THE REMEDIAL ACTION.

19 (C) A PROVISION REQUIRING NOTICE TO THE DEPARTMENT OF THE  
20 OWNER'S INTENT TO CONVEY ANY INTEREST IN THE FACILITY 14 DAYS PRIOR  
21 TO CONSUMMATING THE CONVEYANCE. A CONVEYANCE OF TITLE, AN EASEMENT,  
22 OR OTHER INTEREST IN THE PROPERTY SHALL NOT BE CONSUMMATED BY THE  
23 PROPERTY OWNER WITHOUT ADEQUATE AND COMPLETE PROVISION FOR  
24 COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE POSTCLOSURE PLAN  
25 AND THE POSTCLOSURE AGREEMENT.

26 (D) A PROVISION GRANTING THE DEPARTMENT THE RIGHT TO ENTER THE  
27 PROPERTY AT REASONABLE TIMES FOR THE PURPOSE OF DETERMINING AND



1 MONITORING COMPLIANCE WITH THE POSTCLOSURE PLAN AND POSTCLOSURE  
2 AGREEMENT, INCLUDING THE RIGHT TO TAKE SAMPLES, INSPECT THE  
3 OPERATION OF THE REMEDIAL ACTION MEASURES, AND INSPECT RECORDS.

4 (4) A POSTCLOSURE AGREEMENT MAY MODIFY THE TERMS OF A  
5 POSTCLOSURE PLAN AS FOLLOWS:

6 (A) IF THE EXPOSURE TO HAZARDOUS SUBSTANCES MAY BE RELIABLY  
7 RESTRICTED BY AN INSTITUTIONAL CONTROL IN LIEU OF A RESTRICTIVE  
8 COVENANT, AND IMPOSITION OF LAND USE OR RESOURCE USE RESTRICTIONS  
9 THROUGH RESTRICTIVE COVENANTS IS IMPRACTICAL, THE POSTCLOSURE  
10 AGREEMENT MAY ALLOW FOR A REMEDIAL ACTION UNDER SECTION  
11 20120A(1)(C) OR (D) OR (2) TO RELY ON AN INSTITUTIONAL CONTROL IN  
12 LIEU OF A RESTRICTIVE COVENANT IN A POSTCLOSURE PLAN. MECHANISMS  
13 THAT MAY BE CONSIDERED UNDER THIS SUBSECTION INCLUDE, BUT ARE NOT  
14 LIMITED TO, AN ORDINANCE THAT RESTRICTS THE USE OF GROUNDWATER OR  
15 AN AQUIFER IN A MANNER AND TO A DEGREE THAT PROTECTS AGAINST  
16 UNACCEPTABLE EXPOSURES. AN ORDINANCE THAT SERVES AS AN EXPOSURE  
17 CONTROL PURSUANT TO THIS SUBSECTION SHALL BE PUBLISHED AND  
18 MAINTAINED IN THE SAME MANNER AS ZONING ORDINANCES AND SHALL  
19 INCLUDE A REQUIREMENT THAT THE LOCAL UNIT OF GOVERNMENT NOTIFY THE  
20 DEPARTMENT AT LEAST 30 DAYS PRIOR TO ADOPTING A MODIFICATION TO THE  
21 ORDINANCE, OR TO THE LAPSING OR REVOCATION OF THE ORDINANCE.

22 (B) A POSTCLOSURE AGREEMENT MAY WAIVE THE REQUIREMENT FOR  
23 PERMANENT MARKERS.

24 (5) THE PERSON SUBMITTING A NO FURTHER ACTION REPORT SHALL  
25 INCLUDE A SIGNED AFFIDAVIT ATTESTING TO THE FACT THAT THE  
26 INFORMATION UPON WHICH THE NO FURTHER ACTION REPORT IS BASED IS  
27 COMPLETE AND TRUE TO THE BEST OF THAT PERSON'S KNOWLEDGE. THE NO

1 FURTHER ACTION REPORT SHALL ALSO INCLUDE A SIGNED AFFIDAVIT FROM AN  
2 ENVIRONMENTAL CONSULTANT WHO MEETS THE PROFESSIONAL QUALIFICATIONS  
3 DESCRIBED IN SECTION 20114E(2) AND WHO PREPARED THE NO FURTHER  
4 ACTION REPORT, ATTESTING TO THE FACT THAT THE REMEDIAL ACTIONS  
5 DETAILED IN THE NO FURTHER ACTION REPORT COMPLY WITH ALL APPLICABLE  
6 REQUIREMENTS AND THAT THE INFORMATION UPON WHICH THE NO FURTHER  
7 ACTION REPORT IS BASED IS COMPLETE AND TRUE TO THE BEST OF THAT  
8 PERSON'S KNOWLEDGE. IN ADDITION, THE ENVIRONMENTAL CONSULTANT SHALL  
9 ATTACH A CERTIFICATE OF INSURANCE DEMONSTRATING THAT THE  
10 ENVIRONMENTAL CONSULTANT HAS OBTAINED AT LEAST ALL OF THE FOLLOWING  
11 FROM A CARRIER THAT IS AUTHORIZED TO CONDUCT BUSINESS IN THIS  
12 STATE:

13 (A) STATUTORY WORKER COMPENSATION INSURANCE AS REQUIRED IN  
14 THIS STATE.

15 (B) PROFESSIONAL LIABILITY ERRORS AND OMISSIONS INSURANCE.  
16 THIS POLICY MAY NOT EXCLUDE BODILY INJURY, PROPERTY DAMAGE, OR  
17 CLAIMS ARISING OUT OF POLLUTION FOR ENVIRONMENTAL WORK AND SHALL BE  
18 ISSUED WITH A LIMIT OF NOT LESS THAN \$1,000,000.00 PER CLAIM.

19 (C) CONTRACTOR POLLUTION LIABILITY INSURANCE WITH LIMITS OF  
20 NOT LESS THAN \$1,000,000.00 PER CLAIM, IF NOT INCLUDED UNDER THE  
21 PROFESSIONAL LIABILITY ERRORS AND OMISSIONS INSURANCE REQUIRED  
22 UNDER SUBDIVISION (B). THE INSURANCE REQUIREMENT UNDER THIS  
23 SUBDIVISION IS NOT REQUIRED FOR ENVIRONMENTAL CONSULTANTS WHO DO  
24 NOT PERFORM CONTRACTING FUNCTIONS.

25 (D) COMMERCIAL GENERAL LIABILITY INSURANCE WITH LIMITS OF NOT  
26 LESS THAN \$1,000,000.00 PER CLAIM AND \$2,000,000.00 AGGREGATE.

27 (E) AUTOMOBILE LIABILITY INSURANCE WITH LIMITS OF NOT LESS

1 THAN \$1,000,000.00 PER CLAIM.

2 (6) A PERSON SUBMITTING A NO FURTHER ACTION REPORT SHALL  
3 MAINTAIN ALL DOCUMENTS AND DATA PREPARED, ACQUIRED, OR RELIED UPON  
4 IN CONNECTION WITH THE NO FURTHER ACTION REPORT FOR NOT LESS THAN  
5 10 YEARS AFTER THE LATER OF THE DATE ON WHICH THE DEPARTMENT  
6 APPROVES THE NO FURTHER ACTION REPORT UNDER THIS SECTION, OR THE  
7 DATE ON WHICH NO FURTHER MONITORING, OPERATION, OR MAINTENANCE IS  
8 REQUIRED TO BE UNDERTAKEN AS PART OF THE REMEDIAL ACTION COVERED BY  
9 THE REPORT. ALL DOCUMENTS AND DATA REQUIRED TO BE MAINTAINED UNDER  
10 THIS SECTION SHALL BE MADE AVAILABLE TO THE DEPARTMENT UPON  
11 REQUEST.

12 (7) UPON RECEIPT OF A NO FURTHER ACTION REPORT SUBMITTED UNDER  
13 THIS SUBSECTION, THE DEPARTMENT SHALL APPROVE OR DENY THE NO  
14 FURTHER ACTION REPORT OR SHALL NOTIFY THE SUBMITTER THAT THE REPORT  
15 DOES NOT CONTAIN SUFFICIENT INFORMATION FOR THE DEPARTMENT TO MAKE  
16 A DECISION. IF THE NO FURTHER ACTION REPORT REQUIRES A POSTCLOSURE  
17 AGREEMENT, THE DEPARTMENT MAY NEGOTIATE ALTERNATIVE TERMS THAN  
18 THOSE INCLUDED WITHIN THE PROPOSED POSTCLOSURE AGREEMENT. THE  
19 DEPARTMENT SHALL PROVIDE ITS DETERMINATION WITHIN 150 DAYS AFTER  
20 THE REPORT WAS RECEIVED BY THE DEPARTMENT UNDER THIS SUBSECTION  
21 UNLESS THE REPORT REQUIRES PUBLIC PARTICIPATION UNDER SECTION  
22 20120D(2). IF THE REPORT REQUIRES PUBLIC PARTICIPATION UNDER  
23 SECTION 20120D(2), THE DEPARTMENT SHALL RESPOND WITHIN 180 DAYS. IF  
24 THE DEPARTMENT'S RESPONSE IS THAT THE REPORT DOES NOT INCLUDE  
25 SUFFICIENT INFORMATION, THE DEPARTMENT SHALL IDENTIFY THE  
26 INFORMATION THAT IS REQUIRED FOR THE DEPARTMENT TO MAKE A DECISION.  
27 IF THE REPORT IS DENIED, THE DEPARTMENT'S DENIAL SHALL, TO THE

1 EXTENT PRACTICAL, STATE WITH SPECIFICITY ALL OF THE REASONS FOR  
2 DENIAL. IF THE NO FURTHER ACTION REPORT, INCLUDING ANY REQUIRED  
3 POSTCLOSURE PLAN AND POSTCLOSURE AGREEMENT, IS APPROVED, THE  
4 DEPARTMENT SHALL PROVIDE THE PERSON SUBMITTING THE NO FURTHER  
5 ACTION REPORT WITH A NO FURTHER ACTION LETTER. THE DEPARTMENT SHALL  
6 REVIEW AND PROVIDE A WRITTEN RESPONSE WITHIN THE TIME FRAMES  
7 REQUIRED BY THIS SUBSECTION FOR AT LEAST 90% OF THE NO FURTHER  
8 ACTION REPORTS SUBMITTED TO THE DEPARTMENT UNDER THIS SECTION IN  
9 EACH CALENDAR YEAR.

10 (8) IF THE DEPARTMENT FAILS TO PROVIDE A WRITTEN RESPONSE  
11 WITHIN THE TIME FRAMES REQUIRED BY SUBSECTION (7), THE NO FURTHER  
12 ACTION REPORT IS CONSIDERED APPROVED.

13 (9) A PERSON REQUESTING APPROVAL OF A NO FURTHER ACTION REPORT  
14 UNDER SUBSECTION (7) MAY APPEAL THE DEPARTMENT'S DECISION IN  
15 ACCORDANCE WITH SECTION 20114E.

16 (10) ANY TIME FRAME REQUIRED BY THIS SECTION MAY BE EXTENDED  
17 BY MUTUAL AGREEMENT OF THE DEPARTMENT AND A PERSON SUBMITTING A NO  
18 FURTHER ACTION REPORT. AN AGREEMENT EXTENDING A TIME FRAME SHALL BE  
19 IN WRITING.

20 (11) FOLLOWING APPROVAL OF A NO FURTHER ACTION REPORT UNDER  
21 THIS SECTION, THE OWNER OR OPERATOR OF THE FACILITY ADDRESSED BY  
22 THE NO FURTHER ACTION REPORT MAY SUBMIT TO THE DEPARTMENT AN  
23 AMENDED NO FURTHER ACTION REPORT. THE AMENDED NO FURTHER ACTION  
24 REPORT SHALL INCLUDE THE PROPOSED CHANGES TO THE ORIGINAL NO  
25 FURTHER ACTION REPORT AND AN ACCOMPANYING RATIONALE FOR THE  
26 PROPOSED CHANGE. THE PROCESS FOR REVIEW AND APPROVAL OF AN AMENDED  
27 NO FURTHER ACTION REPORT IS THE SAME AS THE PROCESS FOR NO FURTHER

1 ACTION REPORTS.

2 SEC. 20120. (1) ALL OF THE FOLLOWING SHALL BE CONSIDERED WHEN  
3 A PERSON IS SELECTING A REMEDIAL ACTION OR THE DEPARTMENT IS  
4 SELECTING OR APPROVING A REMEDIAL ACTION:

5 (A) THE EFFECTIVENESS OF ALTERNATIVES IN PROTECTING THE PUBLIC  
6 HEALTH, SAFETY, AND WELFARE AND THE ENVIRONMENT.

7 (B) THE LONG-TERM UNCERTAINTIES ASSOCIATED WITH THE PROPOSED  
8 REMEDIAL ACTION.

9 (C) THE PERSISTENCE, TOXICITY, MOBILITY, AND PROPENSITY TO  
10 BIOACCUMULATE OF THE HAZARDOUS SUBSTANCES.

11 (D) THE SHORT- AND LONG-TERM POTENTIAL FOR ADVERSE HEALTH  
12 EFFECTS FROM HUMAN EXPOSURE.

13 (E) COSTS OF REMEDIAL ACTION, INCLUDING LONG-TERM MAINTENANCE  
14 COSTS. HOWEVER, THE COST OF A REMEDIAL ACTION SHALL BE A FACTOR  
15 ONLY IN CHOOSING AMONG ALTERNATIVES THAT ADEQUATELY PROTECT THE  
16 PUBLIC HEALTH, SAFETY, AND WELFARE AND THE ENVIRONMENT, CONSISTENT  
17 WITH THE REQUIREMENTS OF SECTION 20120A.

18 (F) RELIABILITY OF THE ALTERNATIVES.

19 (G) THE POTENTIAL FOR FUTURE RESPONSE ACTIVITY COSTS IF AN  
20 ALTERNATIVE FAILS.

21 (H) THE POTENTIAL THREAT TO HUMAN HEALTH, SAFETY, AND WELFARE  
22 AND THE ENVIRONMENT ASSOCIATED WITH EXCAVATION, TRANSPORTATION, AND  
23 REDISPOSAL OR CONTAINMENT.

24 (I) THE ABILITY TO MONITOR REMEDIAL PERFORMANCE.

25 (J) FOR REMEDIAL ACTIONS THAT REQUIRE THE OPPORTUNITY FOR  
26 PUBLIC PARTICIPATION UNDER SECTION 20120D, THE PUBLIC'S PERSPECTIVE  
27 ABOUT THE EXTENT TO WHICH THE PROPOSED REMEDIAL ACTION EFFECTIVELY

1 ADDRESSES REQUIREMENTS OF THIS PART.

2 (2) EVALUATION OF THE FACTORS IN SUBSECTION (1) SHALL CONSIDER  
3 ALL FACTORS IN BALANCE WITH ONE ANOTHER AS NECESSARY TO ACHIEVE THE  
4 OBJECTIVES OF THIS PART. NO SINGLE FACTOR IN SUBSECTION (1) SHALL  
5 BE CONSIDERED THE MOST IMPORTANT.

6 Sec. 20120a. (1) The department may establish cleanup criteria  
7 and approve of remedial actions in the categories listed in this  
8 subsection. The cleanup category proposed shall be the option of  
9 the person proposing the remedial action, subject to department  
10 approval **IF REQUIRED**, considering the appropriateness of the  
11 categorical criteria to the facility. The categories are as  
12 follows:

13 (a) Residential.

14 (b) ~~Commercial~~ **NONRESIDENTIAL. BEGINNING ON THE EFFECTIVE DATE**  
15 **OF THE 2010 AMENDATORY ACT THAT AMENDED THIS SECTION, THE**  
16 **NONRESIDENTIAL CLEANUP CRITERIA SHALL BE THE FORMER INDUSTRIAL**  
17 **CATEGORICAL CLEANUP CRITERIA DEVELOPED BY THE DEPARTMENT PURSUANT**  
18 **TO THIS SECTION UNTIL NEW NONRESIDENTIAL CLEANUP CRITERIA ARE**  
19 **DEVELOPED AND PUBLISHED BY THE DEPARTMENT PURSUANT TO SUBSECTION**  
20 **(17).**

21 ~~———— (c) Recreational.~~

22 ~~———— (d) Industrial.~~

23 ~~———— (e) Other land use based categories established by the~~  
24 ~~department.~~

25 (C) ~~(f)~~ Limited residential.

26 (D) ~~(g)~~ Limited ~~commercial~~ **NONRESIDENTIAL.**

27 ~~———— (h) Limited recreational.~~

1 ~~—— (i) Limited industrial.~~

2 ~~—— (j) Other limited categories established by the department.~~

3 (2) ~~The department may approve a remedial action plan based on~~  
4 ~~site specific criteria that satisfy the~~ **AS AN ALTERNATIVE TO THE**  
5 **CATEGORICAL CRITERIA UNDER SUBSECTION (1), THE DEPARTMENT MAY**  
6 **APPROVE A RESPONSE ACTIVITY PLAN OR A NO FURTHER ACTION REPORT**  
7 **CONTAINING SITE-SPECIFIC CRITERIA THAT SATISFY THE REQUIREMENTS OF**  
8 **SECTION 20120B AND OTHER** applicable requirements of this part. ~~and~~  
9 ~~the rules promulgated under this part.~~ The department shall utilize  
10 only reasonable and relevant exposure pathways in determining the  
11 adequacy of a site-specific criterion. Additionally, the department  
12 may approve a remedial action plan for a designated area-wide zone  
13 encompassing more than 1 facility, and may consolidate remedial  
14 actions for more than 1 facility.

15 (3) The department shall develop cleanup criteria pursuant to  
16 subsection (1) based on generic human health risk assessment  
17 assumptions determined by the department to appropriately  
18 characterize patterns of human exposure associated with certain  
19 land uses. The department shall utilize only reasonable and  
20 relevant exposure pathways in determining these assumptions. The  
21 department may prescribe more than 1 generic set of exposure  
22 assumptions within each category described in subsection (1). If  
23 the department prescribes more than 1 generic set of exposure  
24 assumptions within a category, each set of exposure assumptions  
25 creates a subcategory within a category described in subsection  
26 (1). The department shall specify ~~site~~ **FACILITY** characteristics  
27 that determine the applicability of criteria derived for these

1 categories or subcategories.

2 (4) If a hazardous substance poses a carcinogenic risk to  
3 humans, the cleanup criteria derived for cancer risk under this  
4 section shall be the 95% upper bound on the calculated risk of 1  
5 additional cancer above the background cancer rate per 100,000  
6 individuals using the generic set of exposure assumptions  
7 established under subsection (3) for the appropriate category or  
8 subcategory. If the hazardous substance poses a risk of an adverse  
9 health effect other than cancer, cleanup criteria shall be derived  
10 using appropriate human health risk assessment methods for that  
11 adverse health effect and the generic set of exposure assumptions  
12 established under subsection (3) for the appropriate category or  
13 subcategory. A hazard quotient of 1.0 shall be used to derive  
14 noncancer cleanup criteria. For the noncarcinogenic effects of a  
15 hazardous substance present in soils, the intake shall be assumed  
16 to be 100% of the protective level, unless compound and site-  
17 specific data are available to demonstrate that a different source  
18 contribution is appropriate. If a hazardous substance poses a risk  
19 of both cancer and 1 or more adverse health effects other than  
20 cancer, cleanup criteria shall be derived under this section for  
21 the most sensitive effect.

22 (5) If a cleanup criterion derived under subsection (4) for  
23 groundwater in an aquifer differs from either: (a) the state  
24 drinking water standard established pursuant to section 5 of the  
25 safe drinking water act, ~~Act No. 399 of the Public Acts of 1976,~~  
26 ~~being section 325.1005 of the Michigan Compiled Laws 1976 PA 399,~~  
27 **MCL 325.1005**, or (b) ~~criteria for adverse aesthetic characteristics~~



1 ~~derived pursuant to R 299.5709 of the Michigan administrative code~~  
 2 **THE NATIONAL SECONDARY DRINKING WATER REGULATIONS ESTABLISHED**  
 3 **PURSUANT TO 42 USC 300G-1, OR (C) IF THERE IS NOT NATIONAL**  
 4 **SECONDARY DRINKING WATER REGULATION FOR A CONTAMINANT, THE**  
 5 **CONCENTRATION DETERMINED BY THE DEPARTMENT ACCORDING TO METHODS**  
 6 **APPROVED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY BELOW**  
 7 **WHICH TASTE, ODOR, APPEARANCE, OR OTHER AESTHETIC CHARACTERISTICS**  
 8 **ARE NOT ADVERSELY AFFECTED,** the cleanup criterion shall be the more  
 9 stringent of (a), ~~or (b)~~, **OR (C)** unless the department determines  
 10 that compliance with this ~~rule~~**SUBSECTION** is not necessary because  
 11 the use of the aquifer is reliably restricted ~~pursuant to section~~  
 12 ~~20120b(4) or (5).~~ **UNDER PROVISIONS OF A POSTCLOSURE PLAN OR A**  
 13 **POSTCLOSURE AGREEMENT.**

14 (6) The department shall not approve ~~of~~ a remedial action plan  
 15 **OR NO FURTHER ACTION REPORT** in categories set forth in subsection  
 16 (1)(b) to ~~(j)~~**(D)**, unless the person ~~proposing the plan~~ documents  
 17 that the current zoning of the property is consistent with the  
 18 categorical criteria being proposed, or that the governing zoning  
 19 authority intends to change the zoning designation so that the  
 20 proposed criteria are consistent with the new zoning designation,  
 21 or the current property use is a legal nonconforming use. The  
 22 department shall not grant final approval for a remedial action  
 23 plan **OR NO FURTHER ACTION REPORT** that relies on a change in zoning  
 24 designation until a final determination of that zoning change has  
 25 been made by the local unit of government. The department may  
 26 approve of a remedial action **PLAN OR NO FURTHER ACTION REPORT** that  
 27 achieves categorical criteria that ~~is~~**ARE** based on greater exposure

1 potential than the criteria applicable to current zoning. In  
2 addition, the remedial action plan **OR NO FURTHER ACTION REPORT**  
3 shall include documentation that the current property use is  
4 consistent with the current zoning or is a legal nonconforming use.  
5 Abandoned or inactive property shall be considered on the basis of  
6 zoning classifications as described above.

7 (7) Cleanup criteria from 1 or more categories in subsection  
8 (1) may be applied at a facility, if all relevant requirements are  
9 satisfied for application of a pertinent criterion.

10 ~~—— (8) Except as provided in subsection (4) and subsections (9)~~  
11 ~~to (13), compliance with the residential category in subsection~~  
12 ~~(1)(a) shall be based on R 299.5709 through R 299.5711(4), R~~  
13 ~~299.5711(6) through R 299.5715 and R 299.5727 of the Michigan~~  
14 ~~administrative code. R 299.5711(5), R 299.5723, and R 299.5725 of~~  
15 ~~the Michigan administrative code shall not apply for calculations~~  
16 ~~of residential criteria under subsection (1)(a).~~

17 (8) ~~(9)~~—The need for soil remediation to protect an aquifer  
18 from hazardous substances in soil shall ~~be determined by R~~  
19 ~~299.5711(2) of the Michigan administrative code, considering~~  
20 **CONSIDER** the vulnerability of the aquifer or aquifers potentially  
21 affected if the soil remains at the facility. Migration of  
22 hazardous substances in soil to an aquifer is a pertinent pathway  
23 if appropriate based on consideration of site specific factors.

24 (9) ~~(10)~~—The department may establish cleanup criteria for a  
25 hazardous substance using a biologically based model developed or  
26 identified as appropriate by the United States environmental  
27 protection agency if the department determines all of the

1 following:

2 (a) That application of the model results in a criterion that  
3 more accurately reflects the risk posed.

4 (b) That data of sufficient quantity and quality are available  
5 for a specified hazardous substance to allow the scientifically  
6 valid application of the model.

7 (c) The United States environmental protection agency has  
8 determined that application of the model is appropriate for the  
9 hazardous substance in question.

10 (10) ~~(11) If the cleanup criterion for a hazardous substance~~  
11 ~~determined by R 299.5707 of the Michigan administrative code~~ **TARGET**  
12 **DETECTION LIMIT OR THE BACKGROUND CONCENTRATION FOR A HAZARDOUS**  
13 **SUBSTANCE** is greater than a cleanup criterion developed for a  
14 category pursuant to subsection (1), the criterion ~~determined~~  
15 ~~pursuant to R 299.5707 of the Michigan administrative code~~ shall be  
16 the ~~cleanup criterion~~ **TARGET DETECTION LIMIT OR BACKGROUND**  
17 **CONCENTRATION, WHICHEVER IS LARGER**, for that hazardous substance in  
18 that category.

19 (11) **THE DEPARTMENT MAY ALSO APPROVE CLEANUP CRITERIA IF**  
20 **NECESSARY TO ADDRESS CONDITIONS THAT PREVENT A HAZARDOUS SUBSTANCE**  
21 **FROM BEING RELIABLY MEASURED AT LEVELS THAT ARE CONSISTENTLY**  
22 **ACHIEVABLE IN SAMPLES FROM THE FACILITY IN ORDER TO ALLOW FOR**  
23 **COMPARISON WITH GENERIC CLEANUP CRITERIA. A PERSON SEEKING APPROVAL**  
24 **OF A CRITERION UNDER THIS SUBSECTION SHALL DOCUMENT THE BASIS FOR**  
25 **DETERMINING THAT THE RELEVANT PUBLISHED TARGET DETECTION LIMIT**  
26 **CANNOT BE ACHIEVED IN SAMPLES FROM THE FACILITY.**

27 (12) In determining the adequacy of a land-use based response

1 activity to address sites contaminated by polychlorinated  
2 biphenyls, the department shall not require response activity in  
3 addition to that which is subject to and complies with applicable  
4 federal regulations and policies that implement the toxic  
5 substances control act, ~~Public Law 94-469,~~ 15 U.S.C. **USC** 2601 to  
6 ~~2629, 2641 to 2656, 2661 to 2671, and 2681 to 2692.~~

7 (13) ~~Response activity~~ **REMEDIAL ACTION** to address the release  
8 of uncontaminated mineral oil satisfies ~~R-299.5709~~ **CLEANUP CRITERIA**  
9 **UNDER THIS PART** for groundwater or ~~R-299.5711~~ for soil ~~under the~~  
10 ~~Michigan administrative code~~ if all visible traces of mineral oil  
11 are removed from groundwater and soil.

12 (14) Approval by the department of ~~a remedial action plan~~  
13 based on ~~1 or more~~ **THE** categorical standard in subsection (1)(a) ~~to~~  
14 ~~(e)~~ **OR (B)** shall be granted only if the pertinent criteria are  
15 satisfied in the affected media. The department shall approve the  
16 use of probabilistic or statistical methods or other scientific  
17 methods of evaluating environmental data when determining  
18 compliance with a pertinent cleanup criterion if the methods are  
19 determined by the department to be reliable, scientifically valid,  
20 and best represent actual site conditions and exposure potential.

21 (15) ~~If a remedial action allows for venting groundwater, the~~  
22 ~~discharge shall comply with requirements of part 31, and the rules~~  
23 ~~promulgated under that part or an alternative method established by~~  
24 ~~rule. If the~~ **A** discharge of venting groundwater is provided for in  
25 a remedial action plan that is approved by the department, **COMPLIES**  
26 **WITH THIS PART**, a permit for the discharge is not required. ~~As used~~  
27 ~~in this subsection, "venting groundwater" means groundwater that is~~

1 ~~entering a surface water of the state from a facility.~~

2 (16) ~~A remedial action plan~~ **REMEDIAL ACTIONS** shall provide  
3 ~~response activity to meet the residential categorical~~ **CLEANUP**  
4 ~~criteria~~ **, FOR UNRESTRICTED RESIDENTIAL USE** or **SHALL** provide for  
5 acceptable land use or resource use restrictions ~~pursuant to~~  
6 ~~section 20120b.~~ **IN A POSTCLOSURE PLAN OR A POSTCLOSURE AGREEMENT.**

7 (17) ~~A remedial action plan~~ **REMEDIAL ACTIONS** that ~~relies~~ **RELY**  
8 on categorical cleanup criteria developed pursuant to subsection  
9 (1) shall also consider other factors necessary to protect the  
10 public health, safety, and welfare, and the environment as  
11 specified by the department, if the department determines based on  
12 data and existing information that such considerations are relevant  
13 to a specific facility. These factors include, but are not limited  
14 to, the protection of surface water quality and consideration of  
15 ecological risks if pertinent to the facility based on the  
16 requirements of ~~R 299.5717 of the Michigan administrative code~~ **THIS**  
17 **PART.**

18 (18) ~~The~~ **NOT LATER THAN 2 YEARS AFTER THE EFFECTIVE DATE OF**  
19 **THE 2010 AMENDATORY ACT THAT AMENDED THIS SECTION,** the department  
20 shall ~~annually evaluate and revise~~ **, if appropriate,** the cleanup  
21 criteria derived under this section. The evaluation shall  
22 incorporate knowledge gained through research and studies in the  
23 areas of fate and transport and risk assessment. **FOLLOWING THIS**  
24 **REVISION, THE DEPARTMENT SHALL PERIODICALLY EVALUATE WHETHER NEW**  
25 **INFORMATION IS AVAILABLE REGARDING THE CLEANUP CRITERIA AND SHALL**  
26 **MAKE REVISIONS AS APPROPRIATE.** The department shall prepare and  
27 submit to the legislature a report detailing **ANY** revisions made to

1 cleanup criteria under this section.

2       Sec. 20120b. ~~(1) If a remedial action plan is selected or~~  
3 ~~approved by the department based on criteria for the residential~~  
4 ~~category provided for in section 20120a(1)(a), land use~~  
5 ~~restrictions or monitoring are not required once those standards~~  
6 ~~have been achieved by the remedial action.~~

7       ~~(2) If a remedial action plan is selected or approved by the~~  
8 ~~department based on criteria in categories provided for in section~~  
9 ~~20120a(1)(b) to (e), a notice of approved environmental remediation~~  
10 ~~shall be recorded with the register of deeds for the county in~~  
11 ~~which the facility is located within 21 days after selection or~~  
12 ~~approval by the department of the remedial action, or within 21~~  
13 ~~days after completion of construction of the remedial action as~~  
14 ~~appropriate to the circumstances. A notice shall be filed pursuant~~  
15 ~~to this section only by the property owner or by another person who~~  
16 ~~has the express written permission of the property owner. The form~~  
17 ~~and content of the notice are subject to approval by the state. Any~~  
18 ~~restrictions contained in the notice shall be binding on the~~  
19 ~~owner's successors, assigns, and lessees, and shall run with the~~  
20 ~~land. A notice of environmental remediation recorded pursuant to~~  
21 ~~this subsection shall state which of the categories of land use~~  
22 ~~specified in section 20120a(1)(b) to (d) are consistent with the~~  
23 ~~environmental conditions at the property to which the notice~~  
24 ~~applies, and that a change from that land use or uses may~~  
25 ~~necessitate further evaluation of potential risks to the public~~  
26 ~~health, safety, or welfare, or the environment. The notice of~~  
27 ~~approved environmental remediation shall include a survey and~~

1 ~~property description that define the areas addressed by the~~  
2 ~~remedial action plan if land use or resource use restrictions apply~~  
3 ~~to less than the entire parcel or if different restrictions apply~~  
4 ~~to different areas of a parcel, and the scope of any land use or~~  
5 ~~resource use limitations. Additional requirements for financial~~  
6 ~~assurance, monitoring, or operation, and maintenance do not apply~~  
7 ~~if a remedial action complies with criteria provided for in section~~  
8 ~~20120a(1)(b) to (c), unless monitoring or operation and maintenance~~  
9 ~~are required to assure the compliance with criteria that apply~~  
10 ~~outside the boundary of the property that is the source of the~~  
11 ~~release.~~

12 ~~—— (3) If a remedial action plan is selected or approved by the~~  
13 ~~department based on criteria provided for in section 20120a(1)(f)~~  
14 ~~to (j) or (2), provisions concerning subdivisions (a) through (e)~~  
15 ~~shall be stipulated in a legally enforceable agreement with the~~  
16 ~~department. If the department concurs with an analysis provided in~~  
17 ~~a remedial action plan that 1 or more of the requirements specified~~  
18 ~~in subdivisions (b) to (e) is not necessary to protect the public~~  
19 ~~health, safety, or welfare, or the environment and to assure the~~  
20 ~~effectiveness and integrity of the remedial action, that element~~  
21 ~~may be omitted from the agreement. If provisions for any of the~~  
22 ~~following, determined by the department to be applicable for a~~  
23 ~~facility, lapse or are not complied with as provided in the~~  
24 ~~agreement or remedial action plan, the department's approval of the~~  
25 ~~remedial action plan is void from the time of the lapse or~~  
26 ~~violation, unless the lapse or violation is corrected to the~~  
27 ~~satisfaction of the department.~~

1 ~~—— (a) Land use or resource use restrictions.~~  
2 ~~—— (b) Monitoring.~~  
3 ~~—— (c) Operation and maintenance.~~  
4 ~~—— (d) Permanent markers to describe restricted areas of the site~~  
5 ~~and the nature of any restrictions.~~  
6 ~~—— (e) Financial assurance, in a mechanism acceptable to the~~  
7 ~~department to pay for monitoring, operation and maintenance,~~  
8 ~~oversight, and other costs determined by the department to be~~  
9 ~~necessary to assure the effectiveness and integrity of the remedial~~  
10 ~~action.~~  
11 ~~—— (4) If a remedial action plan relies in whole or in part on~~  
12 ~~cleanup criteria approved pursuant to section 20120a(1)(f) to (j)~~  
13 ~~or (2), land use or resource use restrictions to assure the~~  
14 ~~effectiveness and integrity of any containment, exposure barrier,~~  
15 ~~or other land use or resource use restrictions necessary to assure~~  
16 ~~the effectiveness and integrity of the remedy shall be described in~~  
17 ~~a restrictive covenant. The restrictive covenant shall be recorded~~  
18 ~~with the register of deeds for the county in which the property is~~  
19 ~~located within 21 days of the department's selection or approval of~~  
20 ~~the remedial action plan, or within 21 days of the completion of~~  
21 ~~construction of the containment or barrier, as appropriate to the~~  
22 ~~circumstances. The restrictive covenant shall be filed by the~~  
23 ~~property owner or with the express written permission of the~~  
24 ~~property owner. The restrictions shall run with the land and be~~  
25 ~~binding on the owner's successors, assigns, and lessees. Such~~  
26 ~~restrictions shall apply until the department determines that~~  
27 ~~hazardous substances that are controlled by the barrier or~~



1 ~~contained no longer present an unacceptable risk to the public~~  
2 ~~health, safety, or welfare, or the environment as defined by the~~  
3 ~~cleanup criteria and exposure control requirements set forth in the~~  
4 ~~remedial action plan. The restrictive covenant shall include a~~  
5 ~~survey and property description that define the areas addressed by~~  
6 ~~the remedial action plan and the scope of any land use or resource~~  
7 ~~use limitations. The form and content of the restrictive covenant~~  
8 ~~are subject to approval by the department and shall include~~  
9 ~~provisions to accomplish all of the following:~~

10 ~~—— (a) Restrict activities at the facility that may interfere~~  
11 ~~with a remedial action, operation and maintenance, monitoring, or~~  
12 ~~other measures necessary to assure the effectiveness and integrity~~  
13 ~~of the remedial action.~~

14 ~~—— (b) Restrict activities that may result in exposures above~~  
15 ~~levels established in the remedial action plan.~~

16 ~~—— (c) Require notice to the department of the owner's intent to~~  
17 ~~convey any interest in the facility 14 days prior to consummating~~  
18 ~~the conveyance. A conveyance of title, an easement, or other~~  
19 ~~interest in the property shall not be consummated by the property~~  
20 ~~owner without adequate and complete provision for compliance with~~  
21 ~~the terms and conditions of the agreement described in subsection~~  
22 ~~(3) and the prevention of releases and exposures described in~~  
23 ~~subdivision (b).~~

24 ~~—— (d) Grant to the department the right to enter the property at~~  
25 ~~reasonable times for the purpose of determining and monitoring~~  
26 ~~compliance with the remedial action plan, including the right to~~  
27 ~~take samples, inspect the operation of the remedial action~~

1 ~~measures, and inspect records.~~

2 ~~—— (e) Allow the state to enforce the restriction set forth in~~  
3 ~~the covenant by legal action in a court of appropriate~~  
4 ~~jurisdiction.~~

5 ~~—— (f) Describe generally the uses of the property that are~~  
6 ~~consistent with the categorical criteria and limitations approved~~  
7 ~~as part of a remedial action plan.~~

8 ~~—— (5) If the department determines that exposure to hazardous~~  
9 ~~substances may be reliably restricted by an institutional control~~  
10 ~~in lieu of a restrictive covenant, and that imposition of land use~~  
11 ~~or resource use restrictions through restrictive covenants is~~  
12 ~~impractical, the department may approve of a remedial action plan~~  
13 ~~under section 20120a(1)(f) to (j) or (2) that relies on such~~  
14 ~~institutional control. Mechanisms that may be considered under this~~  
15 ~~subsection include, but are not limited to, an ordinance that~~  
16 ~~prohibits the use of groundwater or an aquifer in a manner and to a~~  
17 ~~degree that protects against unacceptable exposures as defined by~~  
18 ~~the cleanup criteria approved as part of the remedial action plan.~~  
19 ~~An ordinance that serves as an exposure control pursuant to this~~  
20 ~~subsection shall be published and maintained in the same manner as~~  
21 ~~zoning ordinances and shall include a requirement that the local~~  
22 ~~unit of government notify the department at least 30 days prior to~~  
23 ~~adopting a modification to the ordinance, or to the lapsing or~~  
24 ~~revocation of the ordinance.~~

25 ~~—— (6) Selection or approval by the department of a remedial~~  
26 ~~action does not relieve a person who is liable under section 20126~~  
27 ~~of that person's responsibility to report and provide for response~~

1 ~~activity to address a subsequent release or threat of release at~~  
2 ~~the facility.~~

3 ~~—— (7) A remedial action shall not be considered approved by the~~  
4 ~~department unless a remedial action plan is submitted to the~~  
5 ~~department and the department approves the plan. Implementation by~~  
6 ~~any person of response activity without department approval does~~  
7 ~~not relieve that person of an obligation to undertake response~~  
8 ~~activity or limit the ability of the department to take action to~~  
9 ~~require response activity necessary to comply with this act by a~~  
10 ~~person who is liable under section 20126.~~

11 ~~—— (8) A person shall not file a notice of approved environmental~~  
12 ~~remediation indicating approval or a determination of the~~  
13 ~~department unless the department has approved of the filing of the~~  
14 ~~notice.~~

15 ~~—— (9) A person who implements a remedial action plan approved by~~  
16 ~~the department pursuant to subsections (2) to (5) shall provide~~  
17 ~~notice of the land use restrictions that are part of the remedial~~  
18 ~~action plan to the zoning authority for the local unit of~~  
19 ~~government in which the facility is located within 30 days of~~  
20 ~~approval of the plan.~~

21 ~~—— (10) The state, with the approval of the state administrative~~  
22 ~~board, may place restrictive covenants related to land or resource~~  
23 ~~use on deeds of state owned property.~~

24 **(1) THE DEPARTMENT SHALL APPROVE SITE-SPECIFIC CRITERIA IN A**  
25 **RESPONSE ACTIVITY UNDER SECTION 20120A IF SUCH CRITERIA, IN**  
26 **COMPARISON TO GENERIC CRITERIA, BETTER REFLECT BEST AVAILABLE**  
27 **INFORMATION CONCERNING THE TOXICITY OR EXPOSURE RISK POSED BY THE**

1 HAZARDOUS SUBSTANCE OR OTHER FACTORS.

2 (2) SITE-SPECIFIC CRITERIA APPROVED UNDER SUBSECTION (1) MAY,  
3 AS APPROPRIATE:

4 (A) USE THE ALGORITHMS FOR CALCULATING GENERIC CRITERIA  
5 ESTABLISHED BY RULE OR PROPOSE AND USE DIFFERENT ALGORITHMS.

6 (B) ALTER ANY VALUE, PARAMETER, OR ASSUMPTION USED TO  
7 CALCULATE GENERIC CRITERIA.

8 (C) TAKE INTO CONSIDERATION THE DEPTH BELOW THE GROUND SURFACE  
9 OF CONTAMINATION, WHICH MAY REDUCE THE POTENTIAL FOR EXPOSURE AND  
10 SERVE AS AN EXPOSURE BARRIER.

11 (D) BE BASED ON INFORMATION RELATED TO THE SPECIFIC FACILITY  
12 OR INFORMATION OF GENERAL APPLICABILITY, INCLUDING PEER-REVIEWED  
13 SCIENTIFIC LITERATURE.

14 (E) USE PROBABILISTIC METHODS OF CALCULATION.

15 (F) USE NONLINEAR-THRESHOLD-BASED CALCULATIONS WHERE  
16 SCIENTIFICALLY JUSTIFIED.

17 Sec. 20120c. (1) An owner or operator shall not remove soil,  
18 or allow soil to be removed, from a facility to an off-site  
19 location unless that person determines that the soil can be  
20 lawfully relocated without posing a threat to the public health,  
21 safety, or welfare, or the environment. The determination shall  
22 consider whether the soil is subject to regulation pursuant to part  
23 111.

24 (2) For the purposes of subsection (1), soil poses a threat to  
25 the public health, safety, or welfare, or the environment if  
26 concentrations of hazardous substances in the soil exceed the  
27 cleanup criterion determined pursuant to section 20120a(1) or (2)

1 that apply to the location to which the soil will be moved or  
2 relocated, except that if the soil is to be removed from the  
3 facility for disposal or treatment, the soil shall satisfy the  
4 appropriate regulatory criteria for disposal or treatment. Any land  
5 use **OR RESOURCE USE** restrictions that would be required for the  
6 application of a criterion pursuant to section 20120a(1) or (2)  
7 shall be in place at the location to which the soil will be moved.  
8 Soil may be relocated only to another location that is similarly  
9 contaminated, considering the general nature, concentration, and  
10 mobility of hazardous substances present at the location to which  
11 contaminated soil will be moved. Contaminated soil shall not be  
12 moved to a location that is not a facility unless it is taken there  
13 for treatment or disposal in conformance with applicable laws and  
14 regulations.

15 (3) An owner or operator shall not relocate soil, or allow  
16 soil to be relocated, within a ~~site of environmental contamination~~  
17 **FACILITY** where a remedial action plan has been approved unless that  
18 person assures that the same degree of control required for  
19 application of the criteria of section 20120a(1) or (2) is provided  
20 for the contaminated soil.

21 (4) The prohibition in subsection (3) against relocation of  
22 contaminated soil within a ~~site of environmental contamination~~  
23 **FACILITY** does not apply to soils that are temporarily relocated for  
24 the purpose of implementing response activity or utility  
25 construction if the response activity or utility construction is  
26 completed in a timely fashion and the short-term hazards are  
27 appropriately controlled.

1 (5) If soil is being moved off-site from, moved to, or  
2 relocated on-site at a facility where a remedial action plan has  
3 been approved by the department based on a categorical cleanup  
4 criterion in section ~~20120a(1)(f) to (j)~~ **20120A(1)(C) OR (D)** or  
5 (2), the soil shall not be moved without prior department approval.

6 (6) If soil is being relocated in a manner not addressed by  
7 subsection (5), the owner or operator of the facility from which  
8 soil is being moved must provide notice to the department within 14  
9 days after the soil is moved. The notice shall include all of the  
10 following:

11 (a) The location from which soil will be removed.

12 (b) The location to which the soil will be taken.

13 (c) The volume of soil to be moved.

14 (d) A summary of information or data on which the owner or  
15 operator is basing the determination required in subsection (2)  
16 that the soil does not present a threat to the public health,  
17 safety, or welfare, or the environment.

18 (e) If land use **OR RESOURCE USE** restrictions **IN A POSTCLOSURE**  
19 **PLAN OR A POSTCLOSURE AGREEMENT** would apply ~~pursuant to section~~  
20 ~~20120a(1)~~ to the soil when it is relocated, the notice shall  
21 include documentation that those restrictions are in place.

22 (7) The determination required by subsections (1) and (3)  
23 shall be based on knowledge of the person undertaking or approving  
24 of the removal or relocation of soil, or on characterization of the  
25 soil for the purpose of compliance with this section.

26 (8) This section does not apply to soil that is designated as  
27 an inert material pursuant to section 11507(3). ~~of the natural~~

1 ~~resources and environmental protection act, Act No. 451 of the~~  
2 ~~Public Acts of 1994, being section 324.11507 of the Michigan~~  
3 ~~Compiled Laws.~~

4       Sec. 20120d. (1) At a facility where state funds will be spent  
5 to develop or implement a remedial action plan or where the  
6 department determines there is a significant public interest,  
7 within 30 days after the completion of a remedial investigation for  
8 the facility, the department shall provide the county and the  
9 township, city, or village in which the facility is located a  
10 notice of the completion of the remedial investigation, a summary  
11 of the remedial investigation, and notice of an opportunity for ~~the~~  
12 ~~people in~~ **RESIDENTS OF** the local unit of government to meet with  
13 the department regarding the remedial investigation and any  
14 proposed feasibility study for the facility. Upon a request for a  
15 public meeting by the governing body of the local unit of  
16 government or by 25 citizens of the local unit of government, the  
17 department shall, within 30 days of the request, meet with persons  
18 in the local unit of government. The person or persons requesting  
19 the public meeting shall publicize and provide accommodations for  
20 the meeting. The meeting shall be held in the local unit of  
21 government in which the facility is located. The department shall  
22 provide copies of the notices and summary required in this  
23 subsection to the governing body of the local unit of government,  
24 to the known persons who are liable under section 20126, and to the  
25 main public library of the local unit of government in which the  
26 facility is located. The department shall send representatives to  
27 the meeting who are familiar with the facility and who are involved

1 with determining the appropriate remedial actions to be taken at  
2 the facility. Persons who are liable under section 20126 for the  
3 facility may send representatives to the meeting.

4 ~~—— (2) The department shall maintain, and periodically publish, a~~  
5 ~~list of remedial action plans submitted for approval that comply~~  
6 ~~with the requirements of R 299.5515 of the Michigan administrative~~  
7 ~~code.~~

8 (2) ~~(3)~~ Before approval of a proposed remedial action plan  
9 which is to be implemented with money from the fund, or is based on  
10 categorical criteria provided for in section ~~20120a(1)(f) to (j)~~  
11 **20120A(1)(C) OR (D)** or (2), or if section 20118(5) or (6) applies,  
12 or the department determines that there is significant public  
13 interest, the department shall do all of the following:

14 (a) Publish a notice and brief summary of the proposed  
15 remedial action plan.

16 (b) Provide for public review and comment pertinent to  
17 documents relating to the proposed remedial action plan, including,  
18 if applicable, the feasibility study that outlines alternative  
19 remedial action measures considered.

20 (c) Provide an opportunity for a public meeting at or near the  
21 facility when any of the following occur:

22 (i) The department determines that there is a significant  
23 public interest or that for any other reason a public meeting is  
24 appropriate.

25 (ii) A city, township, or village in which the facility is  
26 located, by a majority vote of its governing body, requests a  
27 public meeting.



1           (iii) A local health department with jurisdiction in the area in  
2 which the facility is located requests a public meeting.

3           (d) Provide a document that summarizes the major issues raised  
4 by the public and how they are to be addressed by the final  
5 approved remedial action plan.

6           (3) ~~(4)~~—For purposes of this section, publication shall  
7 include, at a minimum, publication in a local newspaper or  
8 newspaper of general circulation in this state. In addition, the  
9 administrative record shall be made available by the department for  
10 inspection by members of the public at or near the facility and in  
11 Lansing.

12           (4) ~~(5)~~—The department shall prepare a summary document that  
13 explains the reasons for the selection or approval of a remedial  
14 action plan **UNDER SUBSECTION (2)**. In addition, the department shall  
15 compile an administrative record of the decision process that  
16 results in the selection of a remedial action plan. The  
17 administrative record shall contain all of the following:

18           (a) Remedial investigation data regarding the facility.

19           (b) If applicable, a feasibility study and potential remedial  
20 actions.

21           (c) If applicable, a summary document that explains the  
22 reasons why a remedial investigation or feasibility study was not  
23 conducted.

24           (d) Applicable comments and information received from the  
25 public, if any.

26           (e) If applicable, a document that summarizes the significant  
27 concerns raised by the members of the public and how they are to be

1 addressed.

2 (f) Other information appropriate to the facility.

3 (5) ~~(6)~~—If comments or information are submitted for inclusion  
4 in the administrative record that are not included in the  
5 administrative record, a brief explanation of why the information  
6 was not considered relevant shall be sent to the party by the  
7 department and included in the record.

8 **SEC. 20120E. (1) A PERSON MAY DEMONSTRATE COMPLIANCE WITH**  
9 **REQUIREMENTS UNDER THIS PART FOR A RESPONSE ACTIVITY PROVIDING FOR**  
10 **VENTING GROUNDWATER BY MEETING ANY OF THE FOLLOWING, SINGLY OR IN**  
11 **COMBINATION:**

12 (A) **GENERIC GROUNDWATER-SURFACE WATER INTERFACE CRITERIA,**  
13 **WHICH ARE THE WATER QUALITY STANDARDS FOR SURFACE WATERS DEVELOPED**  
14 **BY THE DEPARTMENT PURSUANT TO PART 31. THE USE OF SURFACE WATER**  
15 **QUALITY STANDARDS SHALL BE ALLOWABLE IN ANY OF THE CLEANUP**  
16 **CATEGORIES PROVIDED FOR IN SECTION 20120A(1).**

17 (B) **MIXING ZONE-BASED GROUNDWATER-SURFACE WATER INTERFACE**  
18 **CRITERIA ESTABLISHED UNDER THIS PART. THE USE OF MIXING ZONE-BASED**  
19 **CRITERIA SHALL BE ALLOWABLE IN ANY OF THE CATEGORIES PROVIDED FOR**  
20 **IN SECTION 20120A(1) AND (2).**

21 (C) **SITE-SPECIFIC CRITERIA ESTABLISHED UNDER SECTION**  
22 **20120A(2). THE USE OF MIXING ZONES ESTABLISHED UNDER THIS PART MAY**  
23 **BE APPLIED TO, OR INCLUDED AS, SITE-SPECIFIC CRITERIA.**

24 (2) **A PERSON MAY PROCEED UNDER SECTION 20114A TO UNDERTAKE THE**  
25 **FOLLOWING RESPONSE ACTIVITIES:**

26 (A) **A PERSON MAY UNDERTAKE EVALUATION ACTIVITIES ASSOCIATED**  
27 **WITH A RESPONSE ACTIVITY PROVIDING FOR VENTING GROUNDWATER USING**

1 GROUNDWATER-SURFACE WATER INTERFACE MONITORING WELLS OR ALTERNATIVE  
2 MONITORING POINTS.

3 (B) A PERSON MAY UNDERTAKE RESPONSE ACTIVITIES THAT RELY ON  
4 MONITORING FROM GROUNDWATER-SURFACE WATER INTERFACE MONITORING  
5 WELLS TO DEMONSTRATE COMPLIANCE UNDER SUBSECTION (1) (A) .

6 (C) EXCEPT AS PROVIDED IN SUBDIVISION (A) AND SUBSECTION (3) ,  
7 A PERSON MAY UNDERTAKE RESPONSE ACTIVITIES THAT RELY ON MONITORING  
8 FROM ALTERNATIVE MONITORING POINTS TO DEMONSTRATE COMPLIANCE WITH  
9 SUBSECTION (1) (A) IF THE PERSON SUBMITS TO THE DEPARTMENT A NOTICE  
10 OF ALTERNATIVE MONITORING POINTS AT LEAST 30 DAYS PRIOR TO RELYING  
11 ON THOSE ALTERNATIVE MONITORING POINTS THAT CONTAINS SUBSTANTIATING  
12 EVIDENCE THAT THE ALTERNATIVE MONITORING POINTS COMPLY WITH THIS  
13 SECTION.

14 (3) A PERSON MUST PROCEED UNDER SECTION 20114B TO UNDERTAKE  
15 RESPONSE ACTIVITIES THAT RELY ON MONITORING FROM ALTERNATIVE  
16 MONITORING POINTS TO DEMONSTRATE COMPLIANCE WITH SUBSECTION (1) (A)  
17 IF 1 OR MORE OF THE FOLLOWING CONDITIONS APPLY TO THE VENTING  
18 GROUNDWATER:

19 (A) AN APPLICABLE CRITERION IS BASED ON ACUTE TOXICITY  
20 ENDPOINTS.

21 (B) THE VENTING GROUNDWATER CONTAINS A BIOACCUMULATIVE  
22 CHEMICAL OF CONCERN AS IDENTIFIED IN THE WATER QUALITY STANDARDS  
23 FOR SURFACE WATERS DEVELOPED PURSUANT TO PART 31 AND FOR WHICH THE  
24 PERSON IS LIABLE UNDER THIS PART.

25 (C) THE VENTING GROUNDWATER IS ENTERING A SURFACE WATER BODY  
26 PROTECTED FOR COLDWATER FISHERIES IDENTIFIED IN THE FOLLOWING  
27 PUBLICATIONS:

1           (i) "COLDWATER LAKES OF MICHIGAN," AS PUBLISHED IN 1976 BY THE  
2 DEPARTMENT OF NATURAL RESOURCES.

3           (ii) "DESIGNATED TROUT LAKES AND REGULATIONS," ISSUED SEPTEMBER  
4 10, 1998, BY THE DIRECTOR OF THE DEPARTMENT OF NATURAL RESOURCES  
5 UNDER THIS AUTHORITY OF PART 411.

6           (iii) "DESIGNATED TROUT STREAMS FOR THE STATE OF MICHIGAN," AS  
7 ISSUED UNDER ORDER OF THE DIRECTOR OF THE DEPARTMENT OF NATURAL  
8 RESOURCES, FO-210.08, ON NOVEMBER 8, 2007.

9           (D) THE VENTING GROUNDWATER IS ENTERING A SURFACE WATER BODY  
10 DESIGNATED AS AN OUTSTANDING STATE RESOURCE WATER OR OUTSTANDING  
11 INTERNATIONAL RESOURCE WATER AS IDENTIFIED IN THE WATER QUALITY  
12 STANDARDS FOR SURFACE WATERS DEVELOPED PURSUANT TO PART 31.

13           (4) ALTERNATIVE MONITORING POINTS MAY DEMONSTRATE COMPLIANCE  
14 WITH THIS SECTION IF THE ALTERNATIVE MONITORING POINTS MEET THE  
15 FOLLOWING STANDARDS:

16           (A) THE LOCATIONS WHERE VENTING GROUNDWATER ENTERS SURFACE  
17 WATER HAVE BEEN SUFFICIENTLY IDENTIFIED TO ALLOW MONITORING FOR THE  
18 EVALUATION OF COMPLIANCE WITH CRITERIA. SUFFICIENT IDENTIFICATION  
19 SHALL INCLUDE ALL OF THE FOLLOWING:

20           (i) IDENTIFICATION OF THE LOCATION OF ALTERNATIVE MONITORING  
21 POINTS WITHIN AREAS OF VENTING GROUNDWATER.

22           (ii) DOCUMENTATION OF THE BOUNDARIES OF THE AREAS WHERE THE  
23 GROUNDWATER PLUME VENTS TO SURFACE WATER, INCLUDING THE SIZE,  
24 SHAPE, AND LOCATION. THIS DOCUMENTATION SHALL INCLUDE INFORMATION  
25 ABOUT THE SUBSTRATE CHARACTER AND GEOLOGY IN THE AREAS WHERE  
26 GROUNDWATER VENTS TO SURFACE WATER.

27           (iii) DOCUMENTATION THAT THE VENTING AREA IDENTIFIED AND

1 ALTERNATIVE MONITORING POINTS INCLUDE POINTS THAT ARE  
2 REPRESENTATIVE OF THE HIGHEST CONCENTRATIONS OF HAZARDOUS  
3 SUBSTANCES PRESENT IN THE GROUNDWATER AT THE GROUNDWATER-SURFACE  
4 WATER INTERFACE, CONSIDERING SPATIAL AND TEMPORAL VARIABILITY.

5 (B) THE ALTERNATIVE MONITORING POINTS ALLOW FOR VENTING  
6 GROUNDWATER TO BE SAMPLED AT A POINT BEFORE MIXING WITH SURFACE  
7 WATER. THIS REQUIREMENT DOES NOT PRECLUDE LOCATION OF ALTERNATIVE  
8 MONITORING POINTS IN A FLOODPLAIN.

9 (C) THE ALTERNATIVE MONITORING POINTS ALLOW FOR RELIABLE,  
10 REPRESENTATIVE MONITORING OF GROUNDWATER QUALITY AT THE  
11 GROUNDWATER-SURFACE WATER INTERFACE, TAKING INTO ACCOUNT ALL OF THE  
12 FOLLOWING:

13 (i) TEMPORAL AND SPATIAL VARIABILITY OF HAZARDOUS SUBSTANCE  
14 CONCENTRATIONS IN GROUNDWATER IN THE PLUME.

15 (ii) SEASONAL OR PERIODIC CHANGES IN GROUNDWATER FLOW.

16 (iii) OTHER NATURAL OR HUMAN-MADE FEATURES THAT AFFECT  
17 GROUNDWATER FLOW.

18 (D) THE POTENTIAL FATE AND TRANSPORT MECHANISMS FOR  
19 GROUNDWATER CONTAMINANTS, INCLUDING ANY CHEMICAL, PHYSICAL, OR  
20 BIOLOGICAL PROCESSES THAT RESULT IN THE REDUCTION OF HAZARDOUS  
21 SUBSTANCE CONCENTRATIONS BETWEEN THE MONITORING WELLS AND THE  
22 ALTERNATIVE MONITORING POINTS ARE IDENTIFIED.

23 (E) SENTINEL MONITORING POINTS ARE USED IN CONJUNCTION WITH  
24 THE ALTERNATIVE MONITORING POINTS TO ASSURE THAT ANY POTENTIAL  
25 EXCEEDANCE OF AN APPLICABLE WATER QUALITY STANDARD CAN BE  
26 IDENTIFIED WITH SUFFICIENT NOTICE TO ALLOW ADDITIONAL RESPONSE  
27 ACTIVITY, IF NEEDED, TO BE IMPLEMENTED THAT WILL PREVENT THE

1 EXCEEDANCE. SENTINEL MONITORING POINTS SHALL INCLUDE, AT A MINIMUM,  
2 MONITORING POINTS UPLAND OF THE SURFACE WATER BODY.

3 (5) IF A PERSON INTENDS TO UTILIZE MIXING ZONE-BASED  
4 GROUNDWATER-SURFACE WATER INTERFACE CRITERIA UNDER SUBSECTION  
5 (1) (B) OR SITE-SPECIFIC CRITERIA UNDER SUBSECTION (1) (C) IN  
6 CONJUNCTION WITH ALTERNATIVE MONITORING POINTS, THE PERSON SHALL  
7 SUBMIT TO THE DEPARTMENT A RESPONSE ACTIVITY PLAN THAT INCLUDES THE  
8 FOLLOWING:

9 (A) A DEMONSTRATION OF COMPLIANCE WITH THE STANDARDS IN  
10 SUBSECTION (4).

11 (B) IF COMPLIANCE WITH A MIXING ZONE-BASED GROUNDWATER-SURFACE  
12 WATER INTERFACE CRITERION UNDER SUBSECTION (1) (B) IS TO BE  
13 DETERMINED WITH DATA FROM THE ALTERNATIVE MONITORING POINTS,  
14 DOCUMENTATION THAT IT IS POSSIBLE TO ACCURATELY ESTIMATE THE VOLUME  
15 OF VENTING GROUNDWATER.

16 (6) FOR THE PURPOSE OF THIS SECTION, SURFACE WATER DOES NOT  
17 INCLUDE GROUNDWATER OR ENCLOSED SEWERS OR UTILITY LINES.

18 (7) IF THE DEPARTMENT DENIES A RESPONSE ACTIVITY PLAN  
19 CONTAINING A PROPOSAL FOR ALTERNATIVE MONITORING POINTS, THE  
20 DEPARTMENT SHALL STATE THE REASONS FOR DENIAL, INCLUDING THE  
21 SCIENTIFIC AND TECHNICAL BASIS FOR THE DENIAL.

22 (8) NOTWITHSTANDING ANY OTHER PROVISION OF THIS PART, A  
23 RESPONSE ACTIVITY PLAN THAT INCLUDES A MIXING ZONE RELATING TO  
24 GROUNDWATER VENTING TO SURFACE WATER IS SUBJECT TO A 30-DAY PUBLIC  
25 COMMENT PERIOD.

26 (9) A PERSON MAY APPEAL A DECISION OF THE DEPARTMENT IN A  
27 RESPONSE ACTIVITY PLAN OR NO FURTHER ACTION REPORT REGARDING

1 VENTING GROUNDWATER AS A SCIENTIFIC OR TECHNICAL DISPUTE UNDER  
2 SECTION 20114E.

3 (10) AS USED IN THIS SECTION, "GROUNDWATER-SURFACE WATER  
4 INTERFACE MONITORING WELL" MEANS A VERTICAL WELL INSTALLED IN THE  
5 SATURATED ZONE AS CLOSE AS PRACTICABLE TO SURFACE WATER WITH A  
6 SCREENED INTERVAL OR INTERVALS THAT ARE REPRESENTATIVE OF THE  
7 GROUNDWATER VENTING TO THE SURFACE WATER.

8 Enacting section 1. Sections 20105, 20109a, and 20129a of the  
9 natural resources and environmental protection act, 1994 PA 451,  
10 MCL 324.20105, 324.20109a, and 324.20129a, are repealed.

11 Enacting section 2. The following rules are rescinded:

12 (a) R 299.5209 to R 299.5219 of the Michigan administrative  
13 code.

14 (b) R 299.5601 to R 299.5607 of the Michigan administrative  
15 code.

16 (c) R 299.5801 to R 299.5823 of the Michigan administrative  
17 code.

18 Enacting section 3. This amendatory act does not take effect  
19 unless all of the following bills of the 95th Legislature are  
20 enacted into law:

21 (a) Senate Bill No. 1346.

22 (b) Senate Bill No. 1348.

23 (c) House Bill No. 6360.

24 (d) House Bill No. 6363.

25 (e) House Bill No. 6359.

26