

**TRANSMITTAL SHEET FOR  
NOTICE OF INTENDED ACTION**

Control 335 Department or Agency Environmental Management  
Rule No. 335-14-1-.03  
Rule Title: Petitions for Equivalent Testing or Analytical Methods

         New        X   Amend               Repeal               Adopt by Reference

Would the absence of the proposed rule significantly harm or endanger the public health, welfare, or safety?          YES

Is there a reasonable relationship between the state's police power and the protection of the public health, safety, or welfare?          YES

Is there another, less restrictive method of regulation available that could adequately protect the public?          NO

Does the proposed rule have the effect of directly or indirectly increasing the costs of any goods or services involved and, if so, to what degree?          NO

Is the increase in cost, if any, more harmful to the public than the harm that might result from the absence of the proposed rule?          NO

Are all facets of the rulemaking process designed solely for the purpose of, and so they have, as their primary effect, the protection of the public?          YES

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Does the proposed rule have an economic impact?          NO

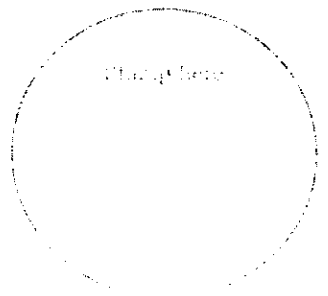
If the proposed rule has an economic impact, the proposed rule is required to be accompanied by a fiscal note prepared in accordance with subsection (f) of section 41-22-23, Code of Alabama 1975.

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Certification of Authorized Official

I certify that the attached proposed rule has been proposed in full compliance with the requirements of Chapter 22, Title 41, Code of Alabama 1975, and that it conforms to all applicable filing requirements of the Administrative Procedure Division of the Legislative Reference Service.

Signature of certifying officer         Marilyn Elliott        

Date 10/21/2015



APA-2  
11/96

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
LAND DIVISION

NOTICE OF INTENDED ACTION

AGENCY NAME: DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

<u>RULE NO. &amp; TITLE:</u>	335-14-1-.02	<u>Definitions and References (Amend)</u>
	335-14-1-.03	<u>Petitions for Equivalent Testing or Analytical Methods (Amend)</u>
	335-14-2-.01	<u>General (Amend)</u>
	335-14-2-.04	<u>Lists of Hazardous Waste (Amend)</u>
	335-14-2-.05	<u>Exclusions/Exemptions (Amend)</u>
	335-14-2-.07	<u>(Reserved)</u>
	335-14-2-.08	<u>Financial Requirements for Management of Excluded Hazardous Secondary Materials (Add)</u>
	335-14-2-.09	<u>Use and Management of Containers (Add)</u>
	335-14-2-.10	<u>Tank Systems (Add)</u>
	335-14-2-.11	<u>(Reserved)</u>
	335-14-2-.12	<u>(Reserved)</u>
	335-14-2-.13	<u>Emergency Preparedness and Response for Management of Excluded Hazardous Secondary Materials (Add)</u>
	335-14-2-.14	<u>(Reserved)</u>
	335-14-2-.15	<u>(Reserved)</u>
	335-14-2-.16	<u>(Reserved)</u>
	335-14-2-.17	<u>(Reserved)</u>
	335-14-2-.18	<u>(Reserved)</u>
	335-14-2-.19	<u>(Reserved)</u>
	335-14-2-.20	<u>(Reserved)</u>
	335-14-2-.21	<u>(Reserved)</u>
	335-14-2-.22	<u>(Reserved)</u>
	335-14-2-.23	<u>(Reserved)</u>
	335-14-2-.24	<u>(Reserved)</u>
	335-14-2-.25	<u>(Reserved)</u>
	335-14-2-.26	<u>(Reserved)</u>
	335-14-2-.27	<u>Subpart AA – Air Emission Standards for Process Vents (Add)</u>
	335-14-2-.28	<u>Subpart BB - Air Emission Standards for Equipment Leaks (Add)</u>
	335-14-2-.29	<u>Subpart CC - Air Emission Standards for Tanks, Surface Impoundments, and Containers (Add)</u>
	335-14-2	
	Appendix IX	<u>Wastes Excluded Under 335-14-1-.03(2) (Add)</u>
	335-14-3-.03	<u>Pre-Transport Requirements (Amend)</u>
	335-14-3-.05	<u>Exports of Hazardous Waste (Amend)</u>

335-14-3-.08 Special Requirements for Generators of Waste  
Destined For Disposal at Commercial Hazardous  
Waste Disposal Facilities Located in the State of  
Alabama (Amend)  
335-14-5-.07 Closure and Post-Closure (Amend)  
335-14-5-.15 Incinerators (Amend)

INTENDED ACTION: Revise Division 14 of the ADEM Administrative Code.


SUBSTANCE OR PROPOSED ACTION: Revise portions of Division 14 Regulations to incorporate changes to ensure consistency with State and Federal Statutes; to adopt certain State specific requirements; and to provide clarification of State requirements for the management of hazardous waste.

TIME, PLACE, MANNER OF PRESENTING VIEWS:

Comments may be submitted in writing or orally at a public hearing to be held December 16, 2015 at 10:00 a.m in the Main Hearing Room at the ADEM Central Office located at 1400 Coliseum Boulevard, Montgomery, Alabama 36110.

FINAL DATE FOR COMMENT AND COMPLETION OF NOTICE: December 16, 2015

CONTACT PERSON AT AGENCY: Vernon H. Crockett, Chief of the Industrial Hazardous Waste Branch, ADEM Land Division (334/270-5627)

  
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Lance R. LeFleur  
Director

**335-14-1-.03**

**Petitions for Equivalent Testing or Analytical Methods**

(1) Petitions for equivalent testing or analytical methods.

(a) Any person seeking to add a testing or analytical method to Chapters 335-14-2, 335-14-5 or 335-14-6 may petition for such addition under 335-14-1-.03(1). To be successful the person must demonstrate to the satisfaction of the Director that the proposed method is equal to or superior to the corresponding method prescribed in Chapters 335-14-2, 335-14-5 or 335-14-6, in terms of its sensitivity, accuracy, and precision (i.e., reproducibility).

(b) Each petition must be submitted to the Department by certified mail and must include:

1. The petitioner's name and address;
2. A statement of the petitioner's interest in the proposed action;
3. A statement of the need and justification for the proposed action;
4. A full description of the proposed method, including all procedural steps and equipment used in the method;
5. A description of the types of waste or waste matrices for which the proposed method may be used;
6. Comparative results obtained from using the proposed method with those obtained from using the relevant or corresponding methods prescribed in Chapters 335-14-2, 335-14-5 or 335-14-6;
7. An assessment of any factors which may interfere with, or limit the use of, the proposed method;
8. A description of the quality control procedures necessary to ensure the sensitivity, accuracy, and precision of the proposed method; and
9. A copy of the Federal Register notice indicating that EPA has added the testing or analytical method to 40 CFR Parts 261, 264 or 265.

(c) After receiving a petition for an equivalent method, the Department may request any additional information on the proposed method which it may reasonably require to evaluate the method.

(d) If the Director permits the use of a new testing method, the applicant will be notified and allowed to use the method pending the next revision of Division 335-14. When Division 335-14 is next amended after such a determination, the equivalent method will be proposed to be added to the rules and will be treated as any other rule amendment under Code of Alabama 1975, §22-22A-8.

(2) Petitions to amend Chapter 335-14-2 to exclude a waste produced at a particular facility.

(a) Any person seeking to exclude a waste at a particular generating facility from the lists in 335-14-2-.04 may petition for such exclusion under 335-14-1-.03(2). To be successful:

1. The petitioner must demonstrate to the satisfaction of the Director that the waste produced by a particular generating facility does not meet any of the criteria under which the waste was listed as a hazardous or an acutely hazardous waste; and

2. Based on a complete application [335-14-1-.03(2)(i)], the Director must determine, where he has a reasonable basis to believe that factors (including additional constituents) other than those for which the waste was listed could cause the waste to be a hazardous waste, that such factors do not warrant retaining the waste as a hazardous waste. A waste which is so excluded, however, still may be a hazardous waste by operation of 335-14-2-.03.

(b) The procedures in rules 335-14-1-.03(2) and 335-14-1-.03 may also be used to petition the Director for a regulatory amendment to exclude from 335-14-2-.01(3)(a)2.(ii) or (c), a waste which is described in these subparagraphs and is either a waste listed in 335-14-2-.04 or is derived from a waste listed in 335-14-2-.04. This exclusion may only be issued for a particular generating, storage, treatment, or disposal facility. The petitioner must make the same demonstration as required by 335-14-1-.03(2)(a). Where the waste is a mixture of solid waste and one or more listed hazardous wastes or is derived from one or more hazardous wastes, his demonstration must be made with respect to the waste mixture as a whole; analyses must be conducted for not only those constituents for which the listed waste contained in the mixture was listed as hazardous, but also for factors (including additional constituents) that could cause the waste mixture to be a hazardous waste. A waste which is so excluded may still be a hazardous waste by operation of 335-14-2-.03.

(c) If the waste is listed with codes "I", "C", "R", or "E" in 335-14-2-.04,

1. The petitioner must show that the waste does not exhibit the relevant characteristic for which the waste was listed as defined in rules 335-14-2-.03(2), (3), (4), or (5) using any applicable methods prescribed therein. The petitioner also must show that the waste does not exhibit any of the other characteristics defined in rules 335-14-2-.03(2), (3), (4), or (5) using any applicable methods prescribed therein;

2. Based on a complete application, the Director must determine, where he has a reasonable basis to believe that factors (including additional constituents) other than those for which the waste was listed could cause the waste to be hazardous waste, that such factors do not warrant retaining the waste as a hazardous waste. A waste which is so excluded, however, still may be a hazardous waste by operation of 335-14-2-.03;

(d) If the waste is listed with code "T" in 335-14-2-.04,

1. The petitioner must demonstrate that the waste:
  - (i) Does not contain the constituent or constituents (as defined in 335-14-2 Appendix VII) that caused the Department to list the waste; or
  - (ii) Although containing one or more of the hazardous constituents (as defined in 335-14-2 Appendix VII) that caused the Department to list the waste, does not meet the criterion of 335-14-2-.02(2)(a)3. when considering the factors used by the Department in rules 335-14-2-.02(2)(a)3.(i) through (xi) under which the waste was listed as hazardous; and
2. Based on a complete application, the Director must determine, where he has a reasonable basis to believe that factors (including additional constituents) other than those for which the waste was listed could cause the waste to be a hazardous waste, that such factors do not warrant retaining the waste as a hazardous waste; and
3. The petitioner must demonstrate that the waste does not exhibit any of the characteristics defined in rules 335-14-2-.03(2), (3), (4), or (5) using any applicable methods prescribed therein;
4. A waste which is so excluded, however, still may be a hazardous waste by operation of 335-14-2-.03.
  - (e) If the waste is listed with the code "H" in 335-14-2-.04,
1. The petitioner must demonstrate that the waste does not meet the criterion of 335-14-2-.02(2)(a)2.; and
2. Based on a complete application, the Director must determine, where he has a reasonable basis to believe that additional factors (including additional constituents) other than those for which the waste was listed could cause the waste to be a hazardous waste, that such factors do not warrant retaining the waste as a hazardous waste; and
3. The petitioner must demonstrate that the waste does not exhibit any of the characteristics defined in rules 335-14-2-.03(2), (3), (4), and (5) using any applicable methods prescribed therein;
4. A waste which is so excluded, however, still may be a hazardous waste by operation of 335-14-2-.03.
  - (f) If a solid waste at a particular generating facility fails the test for the characteristic of toxicity described in 335-14-2-.03(5) because chromium is present or is listed in 335-14-2-.04 due to the presence of chromium, but does not fail the test for the toxicity characteristic for any other constituent and is not listed for any other constituent, the waste may be excluded from regulation as a hazardous waste, if the petitioner can demonstrate all of the following:

1. The waste meets the criteria for exclusion as described in 335-14-2-.01(4)(b)6.(i).

2. Where the waste is a mixture of solid waste and one or more listed or hazardous wastes or is derived from one or more hazardous wastes, this demonstration must be made with respect to the waste mixture as a whole; analyses must be conducted for not only chromium but also for factors (including additional constituents) that could cause the waste mixture to be a hazardous waste.

3. Based on a complete application [335-14-1-.03(2)(i)], the Director must determine, where he has a reasonable basis to believe that other factors (including additional constituents) could cause the waste to be a hazardous waste, that such factors do not warrant retaining the waste as a hazardous waste.

(g) [Reserved]

(h) Demonstration samples must consist of enough representative samples, but in no case less than four samples, taken over a period of time sufficient to represent the variability or the uniformity of the waste.

(i) Each petition must be submitted to the Department by certified mail and must include:

1. The petitioner's name and address;
2. A statement of the petitioner's interest in the proposed action;
3. A statement of the need and justification for the proposed action;
4. The name and address of the laboratory facility performing the sampling or tests of the waste;
5. The names and qualifications of the persons sampling and testing the waste;
6. The dates of sampling and testing;
7. The location of the generating facility;
8. A description of the manufacturing processes or other operations and feed materials producing the waste and an assessment of whether such processes, operations or feed materials can or might produce a waste that is not covered by the demonstration;
9. A description of the waste and an estimate of the average and maximum monthly and annual quantities of waste covered by the demonstration;
10. Pertinent data on and discussion of the factors delineated in the respective criterion for listing a hazardous waste, where the demonstration is based on

the factors in 335-14-2-.02(2)(a)3.; or for a trivalent chromium waste, the exclusion criteria in 335-14-2-.01(4)(b)6.(i);

11. A description of the methodologies and equipment used to obtain the representative samples;

12. A description of the sample handling and preparation techniques used for extraction, containerization, and preservation of the samples;

13. A description of the tests performed (including results);

14. The names and model numbers of the instruments used in performing the tests; and

15. The following statement signed by the generator of the waste:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this demonstration and all attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

(j) After receiving a petition for an exclusion, the Department may request any additional information which it may reasonably require to evaluate the petition. This may include, but is not limited to, samples of the waste collected and analyzed by the Department.

(k) An exclusion will only apply to the waste generated at the individual facility covered by the demonstration and will not apply to waste from any other facility.

(l) The Director may exclude only part of the waste for which the demonstration is submitted where he has reason to believe that variability of the waste justifies a partial exclusion.

(m) The Department will evaluate the application and issue a draft notice tentatively granting or denying the exclusion. Notification of the tentative decision will be provided by a onetime publication of notice in a daily or weekly major local newspaper of general circulation in the locality where the generator is located. The Department will accept comment on the tentative decision for a minimum of 30 days and may hold a hearing at its discretion. The Director will issue a final decision after the close of the comment period and hearing (if any).

(3) Petitions to amend Chapter 335-14-11 to include additional hazardous wastes.

(a) Any person seeking to add a hazardous waste or a category of hazardous waste to the universal waste regulations of Chapter 335-14-11, may petition for a regulatory amendment under rules 335-14-1-.03(3) and 335-14-11-.07.



(b) To be successful, the petitioner must demonstrate to the satisfaction of the Director that regulation under the universal waste regulations of Chapter 335-14-11; is appropriate for the waste or category of waste; and will improve implementation of the hazardous waste program. Each petition must be submitted to the Department by certified mail and must include:

1. The petitioner's name and address;
2. A statement of the petitioner's interest in the proposed action;
3. A description of the proposed action, including (where appropriate) suggested regulatory language; and
4. A statement of the need and justification of the proposed action, including any supporting tests, studies, or other information. The petition should also address as many of the factors listed in 335-14-11-.07(2) as are appropriate for the waste or category of waste addressed in the petition.

(c) The Director will grant or deny a petition using the factors listed in 335-14-11-.07(2). The decision will be based on the weight of evidence showing that regulation under Chapter 335-14-11 is appropriate for the waste or category of waste, will improve management practices for the waste or category of waste, and will improve implementation of the hazardous waste program.

(d) The Director may request additional information needed to evaluate the merits of the petition.

(e) The Department will evaluate the application and issue a draft notice tentatively granting or denying the addition of hazardous waste or category of hazardous waste to the universal waste regulations of Chapter 335-14-11. Notification of the tentative decision will be provided by a one-time publication of notice in a daily or weekly major local newspaper of general circulation in the locality where the generator is located. The Department will accept comment on the tentative decision for a minimum of 30 days and may hold a hearing at its discretion. The Director will issue a final decision after the close of the comment period and hearing (if any).

(4) through (9) [Reserved]

(10) Non-waste determinations and Variances from classification as a solid waste. In accordance with the standards and criteria in 335-14-1-.03(11) and 335-14-1-.03(14) and the procedures in 335-14-1-.03(13), the Department may determine on a case-by-case basis that the following recycled materials are not solid wastes:

(a) Materials that are accumulated speculatively without sufficient amounts being recycled (as defined in 335-14-1-.02);

(b) Materials that are reclaimed and then reused within the original production process in which they were generated;

(c) Materials that have been reclaimed but must be reclaimed further before the materials are completely recovered;

(d) Hazardous secondary materials that are reclaimed in a continuous industrial process;

(e) Hazardous secondary materials that are indistinguishable in all relevant aspects from a product or intermediate; and

(f) Hazardous secondary materials that are transferred for reclamation under 335-14-2-.01(4)(a)24, and are managed at a verified reclamation facility or intermediate facility where the management of the hazardous secondary materials is not addressed under a RCRA Part B permit or interim status standards.

(11) Standards and criteria for variances from classification as a solid waste.

(a) The Director may grant requests for a variance from classifying as a solid waste those materials that are accumulated speculatively without sufficient amounts being recycled if the applicant demonstrates that sufficient amounts of the material will be recycled or transferred for recycling in the following year. If a variance is granted, it is valid only for the following year, but can be renewed, on an annual basis, by filing a new application. The Director's decision will be based on the following criteria:

1. The manner in which the material is expected to be recycled, when the material is expected to be recycled and whether this expected disposition is likely to occur (for example, because of past practice, market factors, the nature of the material or contractual arrangements for recycling);

2. The reason that the applicant has accumulated the material for one or more years without recycling 75 percent of the volume accumulated at the beginning of the year;

3. The quantity of material already accumulated and the quantity expected to be generated and accumulated before the material is recycled;

4. The extent to which the material is handled to minimize loss; and

5. Other relevant factors.

(b) The Director may grant requests for a variance from classifying as a solid waste those materials that are reclaimed and then reused as feedstock within the original production process in which the materials were generated if the reclamation operation is an essential part of the production process. This determination will be based on the following criteria:

1. How economically viable the production process would be if it were to use virgin materials, rather than reclaimed materials;

2. The extent to which the material is handled before reclamation to minimize loss;

3. The time periods between generating the material and its reclamation, and between reclamation and return to the original primary production process;

4. The location of the reclamation operation in relation to the production process;

5. Whether the reclaimed material is used for the purpose for which it was originally produced when it is returned to the original process, and whether it is returned to the process in substantially its original form;

6. Whether the person who generates the material also reclaims it; and

7. Other relevant factors.

(c) The Director may grant requests for a variance from classifying as a solid waste those hazardous secondary materials that have been partially reclaimed, but must be reclaimed further before recovery is completed, if the partial, after initial reclamation, the resulting has produced a material is commodity-like material (even though it is not yet a commercial product, and has to be reclaimed further). A This determination that a partially reclaimed material for which the variance is sought is commodity-like will be based on whether the hazardous secondary material is legitimately recycled as specified in 335-14-1-.03(23) of this part and on whether all of the following decision criteria are satisfied factors:

1. Whether the degree of partial reclamation the material has undergone is substantial as demonstrated by using a partial reclamation process other than the process that generated the hazardous waste; The degree of processing the material has undergone and the degree of further processing that is required;

2. Whether the partially-reclaimed material has sufficient economic value that it will be purchased for further reclamation; The value of the material after it has been reclaimed;

3. Whether the partially-reclaimed material is a viable substitute for a product or intermediate produced from virgin or raw materials which is used in subsequent production steps; The degree to which the reclaimed material is like an analogous raw material;

4. Whether there is a market for the partially-reclaimed material as demonstrated by known customer(s) who are further reclaiming the material (e.g., records of sales and/or contracts and evidence of subsequent use, such as bills of lading); and The extent to which an end market for the reclaimed material is guaranteed;

5. Whether the partially-reclaimed material is handled to minimize loss.  
~~The extent to which the reclaimed material is handled to minimize loss; and~~

~~6. Other relevant factors:~~

(d) The Department may grant requests for a variance from classifying as a solid waste those hazardous secondary materials that are transferred for reclamation under 335-14-2-.01(4)(a)24, and are managed at a verified reclamation facility or intermediate facility where the management of the hazardous secondary materials is not addressed under a RCRA Part B permit or interim status standards. The Department's decision will be based on the following criteria:

1. The reclamation facility or intermediate facility must demonstrate that the reclamation process for the hazardous secondary materials is legitimate pursuant to 335-14-1-.03(23);

2. The reclamation facility or intermediate facility must satisfy the financial assurance condition in 335-14-2-.01(4)(a)24.(vi)(V);

3. The reclamation facility or intermediate facility must not be subject to a formal enforcement action in the previous three years and not be classified as a significant non-complier, or must provide credible evidence that the facility will manage the hazardous secondary materials properly. Credible evidence may include a demonstration that the facility has taken remedial steps to address the violations and prevent future violations, or that the violations are not relevant to the proper management of the hazardous secondary materials;

4. The intermediate or reclamation facility must have the equipment and trained personnel needed to safely manage the hazardous secondary material and must meet emergency preparedness and response requirements under 335-14-2-.13;

5. If residuals are generated from the reclamation of the excluded hazardous secondary materials, the reclamation facility must have the permits required (if any) to manage the residuals, have a contract with an appropriately permitted facility to dispose of the residuals or present credible evidence that the residuals will be managed in a manner that is protective of human health and the environment; and

6. The intermediate or reclamation facility must address the potential for risk to proximate populations from unpermitted releases of the hazardous secondary material to the environment ( i.e., releases that are not covered by a permit, such as a permit to discharge to water or air), which may include, but are not limited to, potential releases through surface transport by precipitation runoff, releases to soil and groundwater, wind-blown dust, fugitive air emissions, and catastrophic unit failures), and must include consideration of potential cumulative risks from other nearby potential stressors.

(12) Variance to be classified as a boiler. In accordance with the standards and criteria in 335-14-1-.02(1) (definition of "boiler"), and the procedures in 335-1-.03(13), the Director may determine on a case-by-case basis that certain enclosed devices using controlled flame combustion are boilers, even though they do not

otherwise meet the definition of a boiler contained in 335-14-1-.02(1), after considering the following criteria:

(a) The extent to which the unit has provisions for recovering and exporting thermal energy in the form of steam, heated fluids or heated gases; and

(b) The extent to which the combustion chamber and energy recovery equipment are of integral design; and

(c) The efficiency of energy recovery, calculated in terms of the recovered energy compared with the thermal value of the fuel; and

(d) The extent to which exported energy is utilized; and

(e) The extent to which the device is in common and customary use as a "boiler" functioning primarily to produce steam, heated fluids or heated gases; and

(f) Other factors as appropriate.

(13) Procedures for variances from classification as a solid waste or to be classified as a boiler, or for non-waste determination. The Department will use the following procedures in evaluating applications for variances from classification as a solid waste, ~~or~~ applications to classify particular enclosed controlled flame combustion devices as boilers, or applications for non-waste determinations:

(a) The applicant must apply to the Department for the variance or non-waste determination. The application must address the relevant criteria contained in 335-14-1-.03(11), (12), or (14), as applicable. ~~An application addressing the relevant criteria contained in 335-14-.03(11) or (12) shall be submitted as follows:~~

~~1. If both the generator and the recycler are within Alabama, to the Department;~~

~~2. If the generator is within Alabama and the recycler is outside Alabama, to the Department and to the agency, if any, designated by the recycling State to receive such applications. If the recycling State has not designated an agency to handle such applications, application should be made to the Regional Administrator of EPA in the region where the recycler is located;~~

~~3. If the generator is outside Alabama and the recycler is within Alabama, to the Department.~~

(b) The Department will evaluate the application and issue a draft notice tentatively granting or denying the application. Notification of the tentative decision will be provided by newspaper advertisement or radio broadcast in the locality where the recycler is located, if the recycler is within Alabama, or in the locality where the generator is located, if the recycler is located outside Alabama. The Department will accept comment on the tentative decision for 30 days, and may also hold a public hearing upon request or at its discretion. The Director will issue a final decision after receipt of comments and after the hearing (if any).

(c) In the event of a change in circumstances that affect how a hazardous secondary material meets the relevant criteria contained in 335-14-1-.03(11), (12) or (14) upon which a variance or non-waste determination has been based, the applicant must send a description of the change in circumstances to the Director. The Director may issue a determination that the hazardous secondary material continues to meet the relevant criteria of the variance or non-waste determination or may require the facility to re-apply for the variance or non-waste determination.

(d) Variances and non-waste determinations shall be effective for a fixed term not to exceed ten years. No later than six months prior to the end of this term, facilities must re-apply for a variance or non-waste determination. If a facility re-applies for a variance or non-waste determination within six months, the facility may continue to operate under an expired variance or non-waste determination until receiving a decision on their re-application from the Director.

(e) Facilities receiving a variance or non-waste determination must provide notification as required by 335-14-1-.03(22) of this chapter.

(14) Standards and criteria for non-waste determinations.

(a) An applicant may apply to the Department for a formal determination that a hazardous secondary material is not discarded and therefore not a solid waste. The determinations will be based on the criteria contained in 335-14-1-.03(14)(b) or (c) of this section, as applicable. If an application is denied, the hazardous secondary material might still be eligible for a solid waste variance or exclusion (for example, one of the solid waste variances under 335-14-1-.03(11)).

(b) The Department may grant a non-waste determination for hazardous secondary material which is reclaimed in a continuous industrial process if the applicant demonstrates that the hazardous secondary material is a part of the production process and is not discarded. The determination will be based on whether the hazardous secondary material is legitimately recycled as specified in 335-14-1-.03(23) and on the following criteria:

1. ————The extent that the management of the hazardous secondary material is part of the continuous primary production process and is not waste treatment;

2. Whether the capacity of the production process would use the hazardous secondary material in a reasonable time frame and ensure that the hazardous secondary material will not be abandoned (for example, based on past practices, market factors, the nature of the hazardous secondary material, or any contractual arrangements);

3. Whether the hazardous constituents in the hazardous secondary material are reclaimed rather than released to the air, water or land at significantly

higher levels from either a statistical or from a health and environmental risk perspective than would otherwise be released by the production process; and

4. Other relevant factors that demonstrate the hazardous secondary material is not discarded, including why the hazardous secondary material cannot meet, or should not have to meet, the conditions of an exclusion under 335-14-2-.01(2) or 335-14-2-.01(4).

(c) The Department may grant a non-waste determination for hazardous secondary material which is indistinguishable in all relevant aspects from a product or intermediate if the applicant demonstrates that the hazardous secondary material is comparable to a product or intermediate and is not discarded. The determination will be based on whether the hazardous secondary material is legitimately recycled as specified in 335-14-1-.03(23) and on the following criteria:

1. Whether market participants treat the hazardous secondary material as a product or intermediate rather than a waste (for example, based on the current positive value of the hazardous secondary material, stability of demand, or any contractual arrangements);

2. Whether the chemical and physical identity of the hazardous secondary material is comparable to commercial products or intermediates;

3. Whether the capacity of the market would use the hazardous secondary material in a reasonable time frame and ensure that the hazardous secondary material will not be abandoned (for example, based on past practices, market factors, the nature of the hazardous secondary material, or any contractual arrangements);

4. Whether the hazardous constituents in the hazardous secondary material are reclaimed rather than released to the air, water or land at significantly higher levels from either a statistical or from a health and environmental risk perspective than would otherwise be released by the production process; and

5. Other relevant factors that demonstrate the hazardous secondary material is not discarded, including why the hazardous secondary material cannot meet, or should not have to meet, the conditions of an exclusion under 335-14-2-.01(2) or 335-14-2-.01(4) of this chapter.

(1415) through (19) [Reserved]

(20) Additional regulation of certain hazardous waste recycling activities on a case-by-case basis.

(a) The Director may decide on a case-by-case basis that persons accumulating or storing the recyclable materials described in 335-14-2-.01(6)(a)2.(iii) should be regulated under rules 335-14-2-.01(6)(b) and (c). The basis for this decision is that the materials are being accumulated or stored in a manner that does not protect human health and the environment because the materials or their toxic constituents have not been adequately contained, or because the materials being accumulated or

stored together are incompatible. In making this decision, the Director will consider the following factors:

1. The types of materials accumulated or stored and the amounts accumulated or stored;
2. The method of accumulation or storage;
3. The length of time the materials have been accumulated or stored before being reclaimed;
4. Whether any contaminants are being released into the environment, or are likely to be so released; and
5. Other relevant factors.

(21) Procedures for case-by-case regulation of hazardous waste recycling activities. The Director will use the following procedures when determining whether to regulate hazardous waste recycling activities described in 335-14-2-.01(6)(a)2.(iii) under the provisions of rules 335-14-2-.01(6)(b) and (c), rather than under the provisions of 335-14-7-.06.

(a) If a generator is accumulating the waste, the Department will issue a notice setting forth the factual basis for the decision and stating that the person must comply with the applicable requirements of rules 335-14-3-.01, 335-14-3-.03, 335-14-3-.04 and 335-14-3-.05. The notice will become final within 30 days, unless the person served requests a public hearing to challenge the decision. Upon receiving such a request, the Department will hold a public hearing. The Department will provide notice of the hearing to the public and will allow public participation at the hearing. The Director will issue a final order after the hearing stating whether or not compliance with Chapter 335-14-3 is required.

The order becomes effective 30 days after service of the decision unless the Department specifies a later date or unless review by the Commission is requested. The order may be appealed to the Commission by any person who participated in the public hearing. The Commission may choose to grant or to deny the appeal. Final Department action occurs when a final order is issued and Department review procedures are exhausted.

(b) If the person is accumulating the recyclable material as a storage facility, the notice will state that the person must obtain a permit in accordance with all applicable provisions of Chapter 335-14-8. The owner or operator of the facility must apply for a permit within no less than 60 days and no more than six months of notice, as specified in the notice. If the owner or operator of the facility wishes to challenge the Director's decision, he may do so in his permit application, in a public hearing on the draft permit or in comments filed on the draft permit or on the notice of intent to deny the permit. The fact sheet accompanying the permit will specify the reasons for the Director's determination.

(22) Notification requirement for hazardous secondary materials.



(a) Hazardous secondary material generators, tolling contractors, toll manufacturers, reclaimers, and intermediate facilities managing hazardous secondary materials which are excluded from regulation under 335-14-2-.01(2)(a)2.(ii), 335-14-2-.01(4)(a)23., 24., or 25. must send a notification prior to operating under the exclusion(s) and, thereafter, no later than the 15<sup>th</sup> of the month specified in the schedule located at 335-14-1-.02(1)(a) using Form 8700-12 that includes the following information:

1. The name, address, and EPA ID number (if applicable) of the facility;
2. The name and telephone number of a contact person;
3. The NAICS code of the facility;
4. The regulation under which the hazardous secondary materials will be managed;
5. When the facility began or expects to begin managing the hazardous secondary materials in accordance with the regulation;
6. A list of hazardous secondary materials that will be managed according to the regulation (reported as the EPA hazardous waste numbers that would apply if the hazardous secondary materials were managed as hazardous wastes);
7. For each hazardous secondary material, whether the hazardous secondary material, or any portion thereof, will be managed in a land-based unit;
8. The quantity of each hazardous secondary material to be managed annually; and
9. The certification (included in Form 8700-12) signed and dated by an authorized representative of the facility.

(b) If a facility managing hazardous secondary materials has submitted a notification, but then subsequently stops managing hazardous secondary materials in accordance with the regulation(s) listed above, the facility must notify the Department within thirty (30) days using Form 8700-12. For purposes of this section, a facility has stopped managing hazardous secondary materials if the facility no longer generates, manages and/or reclaims hazardous secondary materials under the regulation(s) above and does not expect to manage any amount of hazardous secondary materials for at least 1 year.

(23) Legitimate recycling of hazardous secondary materials.

(a) Recycling of hazardous secondary materials for the purpose of the exclusions or exemptions from the hazardous waste regulations must be legitimate. Hazardous secondary material that is not legitimately recycled is discarded material and

is a solid waste. In determining if their recycling is legitimate, persons must address all the requirements of this paragraph.

1. Legitimate recycling must involve a hazardous secondary material that provides a useful contribution to the recycling process or to a product or intermediate of the recycling process. The hazardous secondary material provides a useful contribution if it:

- (i) Contributes valuable ingredients to a product or intermediate; or
- (ii) Replaces a catalyst or carrier in the recycling process; or
- (iii) Is the source of a valuable constituent recovered in the recycling process; or
- (iv) Is recovered or regenerated by the recycling process; or
- (v) Is used as an effective substitute for a commercial product.

2. The recycling process must produce a valuable product or intermediate. The product or intermediate is valuable if it is:

- (i) Sold to a third party; or
- (ii) Used by the recycler or the generator as an effective substitute for a commercial product or as an ingredient or intermediate in an industrial process.

3. The generator and the recycler must manage the hazardous secondary material as a valuable commodity when it is under their control. Where there is an analogous raw material, the hazardous secondary material must be managed, at a minimum, in a manner consistent with the management of the raw material or in an equally protective manner. Where there is no analogous raw material, the hazardous secondary material must be contained. Hazardous secondary materials that are released to the environment and are not recovered immediately are discarded.

4. The product of the recycling process must be comparable to a legitimate product or intermediate:

(i) Where there is an analogous product or intermediate, the product of the recycling process is comparable to a legitimate product or intermediate if:

(I) The product of the recycling process does not exhibit a hazardous characteristic (as defined in 335-14-2-.03) that analogous products do not exhibit, and

(II) The concentrations of any hazardous constituents found in 335-14-2-appendix VIII that are in the product or intermediate are at levels that are comparable to or lower than those found in analogous products or at levels that meet widely-recognized commodity standards and specifications, in the case where the commodity standards and specifications include levels that specifically address those hazardous constituents.

(ii) Where there is no analogous product, the product of the recycling process is comparable to a legitimate product or intermediate if:

(I) The product of the recycling process is a commodity that meets widely recognized commodity standards and specifications (e.g., commodity specification grades for common metals), or

(II) The hazardous secondary materials being recycled are returned to the original process or processes from which they were generated to be reused (e.g., closed loop recycling).

(iii) If the product of the recycling process has levels of hazardous constituents that are not comparable to or unable to be compared to a legitimate product or intermediate per 335-14-1-.03(23)(a)4.(i) or (ii), the recycling still may be shown to be legitimate, if it meets the following specified requirements. The person performing the recycling must conduct the necessary assessment and prepare documentation showing why the recycling is, in fact, still legitimate. The recycling can be shown to be legitimate based on lack of exposure from toxics in the product, lack of the bioavailability of the toxics in the product, or other relevant considerations which show that the recycled product does not contain levels of hazardous constituents that pose a significant human health or environmental risk. The documentation must include a certification statement that the recycling is legitimate and must be maintained on-site for three years after the recycling operation has ceased. The person performing the recycling must notify the Department of this activity using Form 8700-12.

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