

1999 DRAFTING REQUEST

Bill

Received: **02/18/1999**

Received By: **traderc**

Wanted: **As time permits**

Identical to LRB:

For: **Robert Cowles (608) 266-0484**

By/Representing: **Sean**

This file may be shown to any legislator: **NO**

Drafter: **traderc**

May Contact:

Alt. Drafters:

Subject: **Environment - air quality**

Extra Copies:

Pre Topic:

No specific pre topic given

Topic:


Credits for early reductions of greenhouse gases

Instructions:

See Attached

Drafting History:

<u>Vers.</u>	<u>Drafted</u>	<u>Reviewed</u>	<u>Typed</u>	<u>Proofed</u>	<u>Submitted</u>	<u>Required</u>
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/1	traderc 09/07/1999	chanaman 09/07/1999	martykr 09/07/1999	_____	lrb_docadmin 09/07/1999	lrb_docadminState 09/17/1999
/2	traderc 09/23/1999	chanaman 09/24/1999	haugeca 09/27/1999	_____	lrb_docadmin 09/27/1999	lrb_docadminState 09/27/1999
/3	traderc 09/29/1999	chanaman 09/29/1999	jfrantze 09/29/1999	_____	lrb_docadmin 09/29/1999	lrb_docadminState 09/29/1999

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<END>

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/1	traderc 09/07/1999	chanaman 09/07/1999	martykr 09/07/1999	_____	lrb_docadmin 09/07/1999	lrb_docadminState 09/17/1999	
/2	traderc 09/23/1999	chanaman 09/24/1999	haugeca 09/27/1999	_____	lrb_docadmin 09/27/1999	lrb_docadminState 09/27/1999	

FE Sent For: ~~09/17/1999~~ *cmd 9/29/3* *ba/29* *8/5m* *9/29*

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/1	traderc 09/07/1999	chanaman 09/07/1999	martykr 09/07/1999	_____	lrb_docadmin 09/07/1999	lrb_docadminState 09/17/1999

Handwritten notes:
 CMY
 9/24
 CH
 9/27
 CH
 MRE 9-27

<END>

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/1	traderc 09/07/1999	chanaman 09/07/1999	martykr 09/07/1999	_____	lrb_docadmin 09/07/1999		State

FE Sent For:

A handwritten signature, possibly 'C. [unclear]', with an arrow pointing from the signature towards the 'FE Sent For:' text.

<END>

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Instructions:

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May Contact:

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Pre Topic:

No specific pre topic given

Topic:

Credits for early reductions of green house gases

close space
↑

Instructions:

See Attached

Drafting History:

<u>Vers.</u>	<u>Drafted</u>	<u>Reviewed</u>	<u>Typed</u>	<u>Proofed</u>	<u>Submitted</u>	<u>Jacketed</u>	<u>Required</u>
1?	traderc	cmh /p1 3/31	km4	PH 4 km 1	Yes		
FE Sent For:							

<END>

MEMBER:
Joint Committee on Finance



ROBERT L. COWLES

Wisconsin State Senator • 2nd Senate District

TO: Becky Tradewell, Managing Attorney, LRB
FROM: Sean, Senator Cowles Office
RE: Drafting instructions on early reductions of greenhouse gases

Rob wanted to request a draft the following:

The DNR shall develop by rule a system of credits for early reductions of CO₂ and other greenhouse gases, NO_x, Fine particulate matter (PM_{2.5}) and mercury emissions.

The DNR may authorize credits for multi-pollutant reductions

Credits may be given for energy efficiency measures, carbon reserves and the use of renewable energy sources.

The DNR shall develop a registry of emissions that can be used to recognize, verify and credit, where appropriate, voluntary emission reductions made prior to reductions required by law or by rule.

To the extent possible the DNR shall integrate Wisconsin's Greenhouse gases program with other state, national and international programs designed to reduce the emissions of greenhouse gases.

Call with any questions.

Thanks

Office:
Room 305, 119 Martin Luther King Jr. Blvd.
P.O. Box 7882
Madison, WI 53707-7882
608-266-0484

Toll-free Hotline: 1-800-334-1465
TDD Hotline: 1-800-228-2115
Fax 608-267-0304

Printed on Recycled Paper

Home:
300 W. St. Joseph Street, #23
Green Bay, WI 54301-2328
414-448-5092



State of Wisconsin
1999 - 2000 LEGISLATURE

LRB-2264/P1

RCT.....

cmj

PRELIMINARY DRAFT - NOT READY FOR INTRODUCTION

*W.P.O. - please change
topic line and
request cover
sheet*

DNB

per your call
1 **AN ACT** ...; **relating to:** credits for reductions in certain air emissions and
2 granting rule-making authority.

Analysis by the Legislative Reference Bureau

This is a preliminary draft. An analysis will be provided in a later version.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

3 **SECTION 1.** 285.78 of the statutes is created to read:
4 **285.78 Credits for early emission reductions.** (1) In this section:
5 (a) "Carbon reserve" means something that takes in and stores more carbon
6 from the atmosphere than it releases.
7 (b) "Fine particulate matter" means particles with a diameter less than or equal
8 to 2.5 micrometers.
9 (c) "Greenhouse gas" means a gas that traps heat in the atmosphere.
10 (2) The department shall operate a system under which the department
11 verifies, and grants credits for, reductions in emissions of carbon dioxide, nitrogen

1 oxide, other greenhouse gases, fine particulate matter and mercury if the reductions
2 are made before they ^{reductions} are required by law. Under the system, the department may
3 grant credits for energy efficiency measures, the creation or preservation of carbon
4 reserves and the use of renewable energy sources.

5 (3) The department shall promulgate rules for the system under sub. (2). In
6 promulgating the rules, department shall make the system as consistent as possible
7 with other state, federal and international programs designed to reduce emissions
8 of greenhouse gases and ^{of} the other substances specified in sub. (2).

9 (END)

DRAFTER'S NOTE
FROM THE
LEGISLATIVE REFERENCE BUREAU

LRB-2264/P1dn

RCT:.....

cmh

Please review this draft carefully to ensure that it complies with your intent.

I do not think that there is any way to ensure that future laws will allow emitters to use the credits that they earn under this proposal. Those laws might, for example, require reductions compared to a base year. If the base year is after the year in which an emitter has earned credits, the credits might not be usable to achieve the reductions.

The drafting instructions stated that DNR may authorize credits for multi-pollutant reductions. It did not seem necessary to include this in the draft. Please let me know if I am missing something on this issue.

Please feel free to contact me with questions or redraft instructions.

Rebecca C. Tradewell
Managing Attorney
Phone: (608) 266-7290
E-mail: Becky.Tradewell@legis.state.wi.us

**DRAFTER'S NOTE
FROM THE
LEGISLATIVE REFERENCE BUREAU**

LRB-2264/P1dn
RCT:cmh:km

April 1, 1999

Please review this draft carefully to ensure that it complies with your intent.

I do not think that there is any way to ensure that future laws will allow emitters to use the credits that they earn under this proposal. Those laws might, for example, require reductions compared to a base year. If the base year is after the year in which an emitter has earned credits, the credits might not be usable to achieve the reductions.

The drafting instructions stated that DNR may authorize credits for multi-pollutant reductions. It did not seem necessary to include this in the draft. Please let me know if I am missing something on this issue.

Please feel free to contact me with questions or redraft instructions.

Rebecca C. Tradewell
Managing Attorney
Phone: (608) 266-7290
E-mail: Becky.Tradewell@legis.state.wi.us

MEMBER:
Joint Committee on Finance



ROBERT L. COWLES

Wisconsin State Senator • 2nd Senate District

TO: Becky Tradewell
FROM: Sean, Senator Cowles Office
DATE: August 31, 1999
RE: LRB 2264/P1

After a meeting with Rich Bogavich and Paul Heinen we discussed suggested changes DNR air staff made to LRB 2264. I have enclosed their suggested changes for your review. Please let me know what you think of their version.

- It appears that DNR staff section 1(b) and (c) further clarify the LRB draft. We were specifically wondering if listing the greenhouse gases in the statutes is necessary under (c) or does the LRB version say the same thing?
- The DNR staff changed section (2) to respond to your drafters note. The language "verifies, quantifies, and registers" is a different approach than "grants credit." Let me know what you think.
- Finally, could we include 1990 as the baseline year for greenhouse gas reductions.

Thanks, please call with any questions.

Enclosure

Cc: Paul Heinen
Rich Bogavich

An Act to create 285.78 of the statutes; relating to recognition of reductions in certain air emissions and granting rule-making authority.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

Section 1. 285.78 of the statutes is created to read:

285.78 Recognition of early emission reductions. (1) In this section:

- (a) "Carbon reserve" means anything that takes in and stores more carbon from the atmosphere than it releases to the atmosphere.
- (b) "Fine particulate matter" means solid or liquid particles with a diameter less than or equal to 2.5 micrometers or air emissions that act as precursors to the formation of particles with a diameter of less than or equal to 2.5 micrometers.
- (c) "Greenhouse gas" means, but is not limited to, such gases as carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride.

(2) The department shall create and operate a system under which the department verifies, quantifies, and registers reductions in emissions of greenhouse gases, fine particulates, mercury and other appropriate air pollutants if the reductions are made before the reductions are required by law. Under the system, the department may verify, quantify, and register avoided emissions resulting from energy efficiency measures, and from the use of renewable energy sources as well as carbon sequestration from the creation or preservation of carbon reserves.

(3) The department shall promulgate rules for the system under sub.(2). In promulgating the rules, the department shall make the system as consistent as possible with other state, federal and international programs designed to reduce greenhouse gases and of the other substances specified in sub. (2).

include 1990 as baseline year greenhouse gases

9/11

Sean -

other pollutants identified by RNR
determined by

He will check on greenhouse gas & what they
meant by changes in last sentence of sub. 2

9/12 Caroline Barber use hybrid def. of greenhouse gas
↳ 4-9218

baseline - ^{business} if started later, ^{than 1990,} 1st year



State of Wisconsin
1999 - 2000 LEGISLATURE

5000

LRB-2264/1

RCT:cmh:km

redraft
run

~~PRELIMINARY DRAFT - NOT READY FOR INTRODUCTION~~

1 AN ACT to create 285.78 of the statutes; relating to: credits for reductions in
2 certain air emissions and granting rule-making authority.

redraft

registration of

Analysis
insert

Analysis by the Legislative Reference Bureau

~~This is a preliminary draft. An analysis will be provided in a later version.~~

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

3 SECTION 1. 285.78 of the statutes is created to read:

4 285.78 ^{Registration of} Credits for early emission reductions. (1) In this section:

5 (a) "Carbon reserve" means something that takes in and stores more carbon
6 from the atmosphere than it releases. ^{to the atmosphere}

7 (b) "Fine particulate matter" means ^{solid or liquid} particles with a diameter less than or equal
8 to 2.5 micrometers, ^{or emissions that are precursors to solid or liquid particles with} a diameter ~~less than~~ or equal to 2.5 micrometers

9 (c) "Greenhouse gas" means ^{insert 1-9} a gas that traps heat in the atmosphere.

10 (2) The department shall ^{establish and} operate a system under which the department
11 verifies, ^{quantifies} and ~~grants credits for~~ ^{registers} reductions in emissions of carbon dioxide, nitrogen

SECTION 1

(and other air contaminants identified by the department)

① ~~oxide, other~~ greenhouse gases, fine particulate matter ³ and mercury if the reductions

2 are made before the reductions are required by law. Under the system, the

3 department may ~~grant credits for energy efficiency measures,~~ ^{verify, quantify and register carbon sequestration from} the creation or ^{resulting}

4 preservation of carbon reserves and the use of renewable energy sources, ^{may verify, quantify and register avoided emissions from} energy efficiency ^{measures and}

5 (3) The department shall promulgate rules for the system under sub. (2). In

6 promulgating the rules, department shall make the system as consistent as possible

7 with other state, federal and international programs designed to reduce emissions

8 of greenhouse gases and of the other substances specified in sub. (2).

(END)

Inst 2-4

Analysis

(90) This bill requires the department of natural resources ^(DNR) to establish and operate a system for verifying and registering reductions in emissions of certain ^{air} contaminants if the reductions are made before they are required by law. The system would cover emissions of greenhouse gases, fine particulate matter, ^{and} mercury. ^(Greenhouse gases are gases that trap heat in the atmosphere.) The bill authorizes DNR to include other air contaminants in the system.

(91) FE-5

(END OF ANALYSIS INSERT)

Insert 1-9

no 9

carbon dioxide, methane, nitrous oxide, hydrofluorocarbons,
perfluorocarbons, sulfur hexafluoride or any other

no 9

(END OF INSERT)

Insert 2-4

(1990) Under the system, the department shall use 1990 as the base year for determining emission reductions, except that if a person seeking to register reductions under the system did not emit air contaminants in 1990, the department shall determine the person's base year.

(END OF INSERT)

ROBERT L. COWLES

Wisconsin State Representative and Senate District

Hey Becky,

9/23

Just when I thought I was ready for introduction.

I have some further changes to our LRB 2264/1.

I will be on vacation

Sept. 24 - Oct 3 please

refer any questions to

Paul Heinon 6-2120 DNR or

Jennifer in our office.

Thanks

~~Sam~~

P.S. ideally I'd like to get the redraft to DNR next week Jennifer will handle that.

OFFICE:

HOME:



CORRESPONDENCE/MEMORANDUM

DATE: September 23, 1999

TO: Sean Dilweg – Wisconsin State Senate

FROM: Caroline Garber ^{CMG} – DNR Bureau of Air Management

SUBJECT: Suggested Revisions to the Language of the Early Reductions Registry Bill

In examining the most recent version of the draft early reductions registry bill (LRB-2264/1), I noted some additional concerns regarding the draft bill. I ask that you consider making the following changes. I am also attaching a marked-up copy of the bill to clarify recommended changes.

1. Replace the word “something” in the definition of “carbon reserve” with the phrase “any natural or man-made system”. The intent here is to make the definition more precise and scientific.
2. Draft the bill so that the Department “shall” establish and operate a system for registering early reductions of greenhouse gases and “may” establish and operate systems for registering early reductions of mercury, fine particulate matter and other air contaminants identified by the Department. The bill could state that the systems should be made as consistent as possible with each other, as well as with other state, federal and international programs to reduce these air contaminants.
There are two reasons why I would like greenhouse gases separated from the other pollutants.
 - a. Developing a registry system for each pollutant is a complicated task. It would require additional time and staff resources. The department could start with greenhouse gases and then move on to the other pollutants, rather than developing the entire system at one time. It would be easier and less time consuming if greenhouse gases were separated from the other pollutants. Otherwise the process of developing the system would take too long.
 - b. The air contaminants specified (fine particulate matter, and mercury) are very different from each other and greenhouse gases in their nature, their regulatory timeline, potential requirements for reducing emissions, and baselines for determining emission reductions. The registry systems for each pollutant need to be developed on a separate basis.
3. We agree with setting 1990 as the base year for determining greenhouse gas emission reductions. However, we do not think this is the appropriate base year for the other pollutants. For example, the mercury legislation we are working on sets 1999 as the base year. Fine particulate matter might have yet a different base year. We suggest that the bill be silent on the base year for the other pollutants.
4. On page 2, lines 7 and 8, replace “The department shall establish and operate a system under which the department verifies, quantifies and registers”, with “The department shall establish a system for the quantification, verification and registration of...”.

The rationale is that it may be more appropriate and cost effective to have the emission source or a third party do the actual quantification and/or verification as long as they meet the standards and procedures included under the system established by the department. This will also help minimize the fiscal cost to the state.

If you have questions about these suggestions, please contact Eric Mosher at 266-3010. Thank you very much.



1999 BILL

1 **AN ACT to create 285.78 of the statutes, relating to: registration of reductions**
2 **in certain air emissions and granting rule-making authority.**

Analysis by the Legislative Reference Bureau

*green house
gases*

This bill requires the department of natural resources (DNR) to establish ~~and~~ ~~operate~~ a system for verifying and registering reductions in emissions of ~~certain air~~ ~~contaminants~~ if the reductions are made before they are required by law. ~~The system~~ ~~would cover emissions of greenhouse gases, fine particulate matter and mercury.~~ Greenhouse gases are gases that trap heat in the atmosphere. The bill authorizes DNR to include other air contaminants in the system.

For further information see the ~~state~~ fiscal estimate, which will be printed as an appendix to this bill.

(fine particulate matter and mercury)

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

3 SECTION 1. 285.78 of the statutes is created to read:

4 285.78 Registration of early emission reductions. (1) In this section:

5 (a) "Carbon reserve" means ^{any natural or man-made system} ~~something~~ that takes in and stores more carbon

6 from the atmosphere than it releases to the atmosphere.

BILL

1 (b) "Fine particulate matter" means solid or liquid particles with a diameter
 2 less than or equal to 2.5 micrometers or emissions that are precursors to solid or
 3 liquid particles with a diameter less than or equal to 2.5 micrometers.

4 (c) "Greenhouse gas" means carbon dioxide, methane, nitrous oxide,
 5 hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride or any other gas that traps
 6 heat in the atmosphere.

7 (2) The department shall establish ~~and operate~~ ^{for} a system ~~under which~~ the
 8 ~~department verifies, quantifies and registers~~ ^{quantification, verification and registration of} reductions in emissions of greenhouse
 9 ~~gases, fine particulate matter, mercury and other air contaminants identified by the~~ ^{and may establish ~~an appropriate~~ a system for the quantification, verification, and registration of}
 10 department if the reductions are made before the reductions are required by law.
 11 Under the system, the department may ~~verify, quantify and~~ register carbon
 12 sequestration from the creation or preservation of carbon reserves and may ~~verify,~~
 13 ~~quantify and~~ register avoided emissions resulting from energy efficiency measures
 14 and from the use of renewable energy sources. Under the system, the department
 15 shall use 1990 as the base year for determining ^{greenhouse gas} emission reductions, except that if
 16 a person seeking to register reductions under the system did not emit ~~air~~
 17 ~~contaminants~~ ^{greenhouse gases} in 1990, the department shall determine the ~~person's~~ ^{base year for the emission} base year.

18 (3) The department shall promulgate rules for the system under sub. (2). In
 19 promulgating the rules, department shall make the system as consistent as possible
 20 with other state, federal and international programs designed to reduce emissions
 21 of greenhouse gases and of the other substances specified in sub. (2).

22 (END)



State of Wisconsin
1999 - 2000 LEGISLATURE

LRB-2264 3
RCT:cmh:ch

soon

redraft
run

1999 SENATE BILL

- 1 **AN ACT to create** 285.78 of the statutes; **relating to:** registration of reductions
2 in certain air emissions and granting rule-making authority.

reformat

Analysis by the Legislative Reference Bureau

This bill requires the department of natural resources (DNR) to establish and operate a system for registering reductions in emissions of greenhouse gases if the reductions are made before they are required by law. Greenhouse gases are gases that trap heat in the atmosphere. The bill authorizes DNR to establish systems for registering reductions in fine particulate matter, mercury and other air contaminants.

For further information see the *state* fiscal estimate, which will be printed as an appendix to this bill.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

- 3 SECTION 1. 285.78 of the statutes is created to read:
4 **285.78 Registration of early emission reductions.** (1) In this section:
5 (a) "Carbon reserve" means any system that takes in and stores more carbon
6 from the atmosphere than it releases to the atmosphere.

SENATE BILL

1 (b) "Fine particulate matter" means solid or liquid particles with a diameter
2 less than or equal to 2.5 micrometers or emissions that are precursors to solid or
3 liquid particles with a diameter less than or equal to 2.5 micrometers.

4 (c) "Greenhouse gas" means carbon dioxide, methane, nitrous oxide,
5 hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride or any other gas that traps
6 heat in the atmosphere.

7 (2) (a) The department shall establish and operate a system under which the
8 department registers reductions in emissions of greenhouse gases if the reductions
9 are made before the reductions are required by law. Under the system, the
10 department may register carbon sequestration from the creation or preservation of
11 carbon reserves and may register avoided emissions resulting from energy efficiency
12 measures and from the use of renewable energy sources. Under the system, the
13 department shall use 1990 as the base year for determining reductions in emissions
14 of greenhouse gases, except that if a person seeking to register reductions under the
15 system did not emit greenhouse gases in 1990, the department shall determine the
16 base year for the person's emissions.

17 (b) The department may establish and operate systems under which the
18 department registers reductions in emissions of fine particulate matter, mercury or
19 other air contaminants identified by the department if the reductions are made
20 before the reductions are required by law.

21 (c) The department may verify and quantify, or require the verification and
22 quantification of, emission reductions that a person seeks to register under par. (a)
23 or (b).

24 (3) (a) The department shall promulgate rules for the system under sub. (2) (a).
25 In promulgating the rules, the department shall make the system as consistent as

SENATE BILL

1 possible with other state, federal and international programs designed to reduce
2 emissions of greenhouse gases.

3 (b) The department shall promulgate rules for any system that the department
4 establishes under sub. (2)(b). In promulgating the rules, the department shall make
5 the system as consistent as possible with other state, federal and international
6 programs designed to reduce emissions of the substances covered by the system.

7 (END)

Insert
2-23

④ (d) Registration of ~~emission~~ reductions under this
section is voluntary.

(END OF INSERT)

Monday

redraft
make
run

1999 BILL

✓
DNote

establish systems for registering reductions in fine particulate matter, mercury and

1 AN ACT to create 285.78 of the statutes, relating to: registration of reductions
2 in certain air emissions and granting rule-making authority.

refer
cut

Analysis by the Legislative Reference Bureau

This bill requires the department of natural resources (DNR) to establish and operate a system for verifying and registering reductions in emissions of ~~certain air contaminants~~ if the reductions are made before they are required by law. ~~The system would cover emissions of greenhouse gases, fine particulate matter and mercury.~~ Greenhouse gases are gases that trap heat in the atmosphere. The bill authorizes DNR to ~~include~~ other air contaminants ~~in the system.~~

greenhouse
gases

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5 (a) "Carbon reserve" means ~~something~~ ^{any system} that takes in and stores more carbon
6 from the atmosphere than it releases to the atmosphere.

BILL

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 2 less than or equal to 2.5 micrometers or emissions that are precursors to solid or
 3 liquid particles with a diameter less than or equal to 2.5 micrometers.

4 (c) "Greenhouse gas" means carbon dioxide, methane, nitrous oxide,
 5 hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride or any other gas that traps
 6 heat in the atmosphere.

7 (2)^(a) The department shall establish and operate a system under which the
 8 department ~~verifies, quantifies and~~ registers reductions in emissions of greenhouse
 9 gases, ~~fine particulate matter, mercury and other air contaminants identified by the~~
 10 ~~department~~ if the reductions are made before the reductions are required by law.

11 Under the system, the department may ~~verify, quantify and~~ register carbon
 12 sequestration from the creation or preservation of carbon reserves and may ~~verify~~
 13 ~~verify and~~ register avoided emissions resulting from energy efficiency measures

14 and from the use of renewable energy sources. Under the system, the department
 15 shall use 1990 as the base year for determining ~~emissions~~ reductions, ^{in emissions of greenhouse} except that if ^{gases}

16 a person seeking to register reductions under the system did not emit ~~air~~
 17 ^{greenhouse gases} contaminants in 1990, the department shall determine the ~~base year~~ ^{for the person's} base year ^{emissions}

Insert
 2-1 →

18 (3)^(a) The department shall promulgate rules for the system under sub. (2). In
 19 promulgating the rules, ^{the} department shall make the system as consistent as possible
 20 with other state, federal and international programs designed to reduce emissions
 21 of greenhouse gases and of the other substances specified in sub. (2). ^{#(4)} The department

22 (END) shall promulgate rules for any system that the department establishes under sub. (2) (b). In promulgating the rules, the department shall make the system as consistent as possible with other state, federal and international programs designed to reduce emissions of the substances covered by the system.

9 (b) The department may establish and operate systems under which the department registers reductions in emissions of fine particulate matter, mercury or other air contaminants identified by the department if the reductions are made before the reductions are required by law.

9 (c) The department may verify and quantify, or require the verification and quantification of emission reductions, register under parts (a) or (b). ^{that a person seeks to}

(END OF INSERT)

Note

dated September 23, 1999

This redraft is in response to DNR's suggested revisions.

④ DNR asked that the word "something" in the definition of "carbon reserve" be replaced ~~with~~ with the phrase "any natural or man-made system" on the grounds that this makes the definition more precise and scientific. I did not include "natural or man-made" ^{because} these words do not add any meaning ^{proposed} to the statute, unless there are "systems" that are neither natural nor man-made. I did use the word "system", although I am not certain what the effect of that change is. What is the meaning of "system" in this context? Are there things that take in and store carbon that are not "systems"? If so, those things will not

be considered carbon reserves under this redraft. If any thing that takes in carbon should be considered a carbon reserve, ^{that is what the draft showed}

④ I have done some restructuring of the draft to ^{showed} accommodate ^{suggested changes} DNR's other changes. ~~Generally do not~~

RCT

DRAFTER'S NOTE
FROM THE
LEGISLATIVE REFERENCE BUREAU

LRB-2264/2dn
RCT:cmh:ch

September 27, 1999

This redraft is in response to DNR's suggested revisions dated September 23, 1999.

DNR asked that the word "something" in the definition of "carbon reserve" be replaced with the phrase "any natural or man-made system" on the grounds that this makes the definition more precise and scientific. I did not include "natural or man-made" because those words do not add any meaning to the proposed statute, unless there are "systems" that are neither natural nor man-made. I did use the word "system", although I am not certain what the effect of that change is. What is the meaning of "system" in this context? Are there things that take in and store carbon that are not "systems"? If so, those things will not be considered carbon reserves under this redraft. If anything that takes in carbon should be considered a carbon reserve, that is what the draft should say.

I have done some restructuring of the draft to accommodate DNR's other suggested changes.

Rebecca C. Tradewell
Managing Attorney
Phone: (608) 266-7290
E-mail: Becky.Tradewell@legis.state.wi.us

9/28 Per Jennifer Cowles office; redraft to clarify that
registering is voluntary

RET

**SUBMITTAL
FORM**

LEGISLATIVE REFERENCE BUREAU
Legal Section Telephone: 266-3561
5th Floor, 100 N. Hamilton Street

The attached draft is submitted for your inspection. Please check each part carefully, proofread each word, and sign on the appropriate line(s) below.

Date: 09/07/1999

To: Senator Cowles

Relating to LRB drafting number: LRB-2264

Topic

Credits for early reductions of greenhouse gases

Subject(s)

Environment - air quality

1. **JACKET** the draft for introduction _____

in the Senate or the Assembly _____ (check only one). Only the requester under whose name the drafting request is entered in the LRB's drafting records may authorize the draft to be submitted. Please allow one day for the preparation of the required copies.

2. **REDRAFT.** See the changes indicated or attached _____

A revised draft will be submitted for your approval with changes incorporated.

3. Obtain **FISCAL ESTIMATE NOW**, prior to introduction _____

If the analysis indicates that a fiscal estimate is required because the proposal makes an appropriation or increases or decreases existing appropriations or state or general local government fiscal liability or revenues, you have the option to request the fiscal estimate prior to introduction. If you choose to introduce the proposal without the fiscal estimate, the fiscal estimate will be requested automatically upon introduction. It takes about 10 days to obtain a fiscal estimate. Requesting the fiscal estimate prior to introduction retains your flexibility for possible redrafting of the proposal.

If you have any questions regarding the above procedures, please call 266-3561. If you have any questions relating to the attached draft, please feel free to call me.

Rebecca C. Tradewell, Managing Attorney
Telephone: (608) 266-7290

Done
09-17-99
09-29-99
gmb

for
"1/3"

CCC

LRB-2264/3
RCT

1999 Senate Bill 287

Page 2, line 5: delete "hydrofluorocarbons,
perfluorocarbons" and substitute
"hydrofluorocarbons, perfluorocarbons".

JLG



State of Wisconsin
1999-2000 LEGISLATURE

CORRECTIONS IN:

1999 SENATE BILL 287

Prepared by the Legislative Reference Bureau
(November 22, 1999)

1. Page 2, line 5: delete "hydrofluorocarbons, perfluorocarbons" and substitute "hydrofluorocarbons, perfluorocarbons".

LRB-2264/3ccc-1

JLG:hmh

Minor clerical corrections in legislation are authorized under s. 35.17, stats.; Senate Rule 31, Assembly Rule 37 and Joint Rule 56.