| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| 1.2.3.1 | The term "subsection" is missing preceding reference to subsection 1.2.1. | We propose adding "subsection" before 1.2.1. |
| Applicability | 1.2.3.1 Applicability. Notwithstanding <u>subsection</u> 1.2.1 of this regulation, a CO2 budget source under 1.2.1 of this regulation that is a petroleum refinery may elect to participate in the CO2 budget trading program by securing a permit issued | 1.2.3.1 Applicability. Notwithstanding subsection 1.2.1 of this regulation, a CO2 budget source under subsection 1.2.1 of this regulation that is a petroleum refinery may elect to participate in the CO2 budget trading program by securing a |
| | | permit issued |
| 1.2.2.3 Compliance | The subsection is mislabeled. Note: this is the second instance that the subsection 1.2.2.3 is used, | We propose the subsection number change so that it falls in the correct order. |
| | 1.2.2.3 Compliance. For the purpose of applying permitting requirements under Section 3.0 of this regulation, and applying monitoring requirements under Section 8.0 of this regulation, the unit shall be treated as commencing operation on the date the permit required under subsection 1.2.3.1 of this regulation becomes final. | 1.2.2.3.2 Compliance. For the purpose of applying permitting requirements under Section 3.0 of this regulation, and applying monitoring requirements under Section 8.0 of this regulation, the unit shall be treated as commencing operation on the date the permit required under subsection 1.2.3.1 of this regulation becomes final. |
| 1.3 Definitions | | |
| Cost Containment Reserve trigger | Nonsubstantive error; the word "year" is plural preceding 2015. | We propose to make "years" singular preceding 2015. |
| price, or CCR trigger price | "Cost Containment Reserve trigger price, or CCR trigger price" means the CCR trigger price is also the minimum price at which CO ₂ CCR allowances are offered for sale by the Department at auction. The CCR trigger price shall be \$4.00 per CO ₂ Allowance for calendar year 2014, \$6.00 per CO ₂ Allowance in calendar years 2015, \$8.00 per CO ₂ allowance in calendar year 2016, and \$10.00 per CO ₂ Allowances in calendar year 2017, each calendar year thereafter, the CCR trigger price shall be 1.025 multiplied by the CCR trigger price from the previous calendar year, rounded to the nearest whole cent. | The CCR trigger price shall be \$4.00 per CO ₂ Allowance for calendar year 2014, \$6.00 per CO ₂ Allowance in calendar years 2015, \$8.00 per CO ₂ allowance in calendar year 2016, and \$10.00 per CO ₂ Allowances in calendar year 2017, each calendar year thereafter, the CCR trigger price shall be 1.025 multiplied by the CCR trigger price from the previous calendar year, rounded to the nearest whole cent. |
| CO ₂ authorized | The term "alternate" is omitted in the second paragraph of the definition, where | We propose adding "alternate" in the described location. |
| alternate account representative | it should be preceding the "natural," as in each other instance in the definition. | iocation. |
| | If the CO ₂ budget source is also subject to the Acid Rain Program, then for a CO ₂ | If the CO ₂ budget source is also subject to the Acid |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| | Budget Trading Program compliance account, this natural person shall be the | Rain Program, then for a CO ₂ Budget Trading |
| | same person as the alternate designated representative under the Acid Rain | Program compliance account, this alternate natural |
| | Program. | person shall be the same person as the alternate |
| | | designated representative under the Acid Rain |
| | | Program. |
| CO ₂ cost containment | Language from the original Model Rule occurs in the final words of the definition. | We propose to change the term "Part" to "section." |
| reserve allowance, | "CO ₂ cost containment reserve allowance or CO ₂ CCR allowance" means a CO ₂ | "CO ₂ cost containment reserve allowance or CO ₂ |
| or CO ₂ CCR | allowance that is offered for sale at an auction by the Department for the purpose | CCR allowance" means a CO ₂ allowance that is |
| allowance | of containing the cost of CO ₂ Allowances. CO ₂ CCR allowances offered for sale at | offered for sale at an auction by the Department for |
| | an auction are separate from and additional to CO ₂ allowances allocated from | the purpose of containing the cost of CO ₂ |
| | Delaware's CO ₂ Budget Trading Program base and adjusted budgets. CO ₂ CCR | Allowances. CO ₂ CCR allowances offered for sale at |
| | allowances are subject to all applicable limitations contained in this Part. | an auction are separate from and additional to CO ₂ |
| | | allowances allocated from Delaware's CO ₂ Budget |
| | | Trading Program base and adjusted budgets. CO ₂ |
| | | CCR allowances are subject to all applicable |
| | | limitations-contained in this Part section. |
| Undistributed CO ₂ | Term "subsection" missing preceding reference to subsection 5.3. | We have propose adding "subsection" before 5.3. |
| allowances | | |
| | "Undistributed CO ₂ allowances" mean CO ₂ allowances originally allocated to a set | "Undistributed CO ₂ allowances" mean CO ₂ |
| | aside account as pursuant to <mark>5.3</mark> that were not distributed. | allowances originally allocated to a set aside |
| | | account as pursuant to <u>subsection</u> 5.3 that were not |
| | | distributed. |
| 1.5.3.4 | Language from the original Model Rule occurs in the subsection. | We propose to change the term "Part" to "section." |
| | 1.5.3.4 Each ton of excess interim emissions shall constitute a separate | 1.5.3.4 Each ton of excess interim emissions |
| | violation of this Part and applicable state law. | shall constitute a separate violation of this Part |
| | Trotation of this varie and applicable state law | section and applicable state law. |
| 2.4.1 | Nonsubtantive error; change of "an" to "a." | We have changed "an" to "a" to reflect the |
| | | reposition of "alternate." |
| | A complete account certificate of representation for a CO ₂ authorized account | |
| | representative or an alternate CO ₂ authorized alternate account representative | A complete account certificate of representation for |
| | shall include the following elements in a format prescribed by the Department or | a CO₂ authorized account representative or a n |
| | its agent: | alternate CO ₂ authorized <u>alternate</u> account |
| | | representative shall include the following elements |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| | | in a format prescribed by the Department or its |
| | | agent: |
| 2.6.6 | Language from the original Model Rule occurs in the subsection. | We propose to change the term "part" to "section." |
| | 2.6.6 A CO ₂ authorized account representative may delegate, to one or more | 2.6.6 A CO ₂ authorized account representative |
| | natural persons, his or her authority to review information in the CO ₂ allowance | may delegate, to one or more natural persons, his or |
| | tracking system under this part. | her authority to review information in the CO ₂ |
| | tracking system under this part. | allowance tracking system under this part section. |
| 2.6.7 | Language from the original Model Rule occurs in the subsection. | We propose to change the term "part" to "section." |
| | 2.6.7 A CO ₂ authorized alternate account representative may delegate, to one | 2.6.7 A CO ₂ authorized alternate account |
| | or more natural persons, his or her authority to review information in the CO ₂ | representative may delegate, to one or more |
| | allowance tracking system under this part. | natural persons, his or her authority to review |
| | | information in the CO ₂ allowance tracking system |
| | | under this part section. |
| 5.1.9 | 5.1.9 For 2026, the State of Delaware CO ₂ Budget Trading Program base | 5.1.9 For 2026, the State of Delaware CO ₂ Budget |
| | <u>budget is <mark>2,280,690</mark> tons.</u> | <u>Trading Program base budget is 2,870,690 tons</u> . |
| 5.3.4.1 – Table 3 | Two columns in Table 3 represent year 2024 and the respective CCR allowances. | We propose to remove one of the columns for year |
| | | 2024 so the information is not repeated. |
| | Table 3. CCR allowances from 2021 forward. | |
| | 2021 2022 2023 2024 2024 2025 2026 2027 2028 2029 2030 and each year there- | |
| | 338,331 328,078 317,826 307,573 307,573 297,321 287,069 276,816 266,564 256,311 246,059 | |
| | | |
| 5.3.5.1 – Table 5 | Two columns in Table 4 represent year 2024 and respective ECR allowances. | We propose to remove one of the columns for year |
| | | 2024 so the information is not repeated. |
| | Table 4. ECR Allowances from 2021 forward. 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 | |
| | | |
| | and each | |
| | year_thereaf- | |
| | ter | |
| | 338,331 328,078 317,826 307,573 307,573 297,321 287,069 276,816 266,564 256,311 246,059 | |
| | | |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| | | |
| 5.3.8 Third adjustment for banked allowances | Break in the word "accounts" from transferring formats in the description of TA. TA, third adjustment, is the total quantity of allowances of vintage years prior to 2021 held in general and compliance accounts, including compliance accounts established pursuant to the CO ₂ Budget Trading Program, but not including accounts opened by participating states, as reflected in the CO ₂ Allowance Tracking System on March 15, 2021. | We propose to remove the hyphen separating "accounts." TA, third adjustment, is the total quantity of allowances of vintage years prior to 2021 held in general and compliance accounts, including compliance accounts established pursuant to the CO ₂ Budget Trading Program, but not including accounts accounts opened by participating states, as reflected in the CO ₂ Allowance Tracking System on March 15, 2021. |
| 6.2.2.5.2 | Nonsubtantive error; change of "An" to "A." 6.2.2.5.2 An alternate CO ₂ authorized alternate account representative may delegate, to one or more natural persons, his or her authority to make an electronic submission to the Department or its agent provided for under Sections 6.0 and 7.0 of this regulation. | We have changed "An" to "A" to reflect the reposition of "alternate." 6.2.2.5.2 An alternate CO ₂ authorized alternate account representative may delegate, to one or more natural persons, his or her authority to make an electronic submission to the Department or its agent provided for under Sections 6.0 and 7.0 of this regulation. |
| 8.2.4.3 Approval process for initial certifications and recertification | A portion of the first sentence, post-title, is italicized, indicating it is part of the title; however it is not. 8.2.4.3 | We propose the removal of italics from the described term. 8.2.4.3 Approval process for initial certifications and recertification. Subsections 8.2.4.3.1 through 8.2.4.3.4 of this regulation apply to both initial certification and recertification of a monitoring system under subsection 8.1.1.1 of this regulation. For re-certifications, replace the words "certification" and "initial certification" with the word "recertification," replace the word "certified" with "recertified," and proceed in the manner prescribed in 40 CFR 75.20(b)(5) and (g)(7) in lieu of subsection 8.2.4.3.5 of this regulation. |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| 8.2.4.3.5 Procedures for | In the word "If," the letter "I" is italicized. | We propose to remove the italic on the "I" in "If." |
| loss of | 8.2.4.3.5 Procedures for loss of certification. If the Department issues a | 8.2.4.3.5 <i>Procedures for loss of certification.</i> If |
| certification | notice of disapproval of a certification application under <u>subsection</u> 8.2.4.3.4.3 of | the Department issues a notice of disapproval of a |
| | this regulation or a notice of disapproval of certification status under subsection | certification application under subsection 8.2.4.3.4.3 |
| | 8.2.4.3.4.4 of this regulation, then: | of this regulation or a notice of disapproval of |
| | | certification status under <u>subsection</u> 8.2.4.3.4.4 of |
| | | this regulation, then: |
| 8.6.2.2 | The term "Section" is missing preceding 8. In addition, the Section number should | We propose adding "Section" preceding the |
| | be 8.0. | reference to Section 8.0, as well as corrected the |
| | | section number appropriately. |
| | 8.6.2.2 In the event that the Administrator declines to review a petition | |
| | under subsection 8.6.2.1 of this regulation, the CO ₂ authorized account | 8.6.2.2 In the event that the Administrator |
| | representative of a CO ₂ budget unit that is not subject to an Acid Rain emissions | declines to review a petition under subsection |
| | limitation may submit a petition to the Department requesting approval to apply | 8.6.2.1 of this regulation, the CO ₂ authorized |
| | an alternative to any requirement of <u>Section</u> 8.0 of this regulation. That petition | account representative of a CO ₂ budget unit that is |
| | shall contain all of the relevant information specified in 40 CFR 75.66. Application | not subject to an Acid Rain emissions limitation may |
| | of an alternative to any requirement of <u>Section</u> 8.0 of this regulation is in | submit a petition to the Department requesting |
| | accordance with 8 only to the extent that the petition is approved in writing by | approval to apply an alternative to any requirement |
| | the Department. | of <u>Section</u> 8.0 of this regulation . That petition shall |
| | | contain all of the relevant information specified in |
| | | 40 CFR 75.66. Application of an alternative to any |
| | | requirement of <u>Section</u> 8.0 of this regulation is in |
| | | accordance with <u>Section</u> 8.0 only to the extent that |
| | | the petition is approved in writing by the |
| 8.7.2.1 | Formatting for equation is incorrect. The term above the summation is an the | Department. |
| ō./.Z.1 | Formatting for equation is incorrect. The term above the summation is on the | We have proposed edits for the errors described. |
| | opposite side of the equation. In addition, the capital sigma (Σ) used for summation is a capital letter E. | The equation was redone using the Equation Editor function in Microsoft Word to clarify how the |
| | Summation is a capital letter E. | equation should read. |
| | m m | equation should read. |
| | $\frac{m}{F_{i}} = \frac{E}{E} (1 - M_{i}) \times F_{i}$ | m |
| | i = 1 | E - E (1 - M) v E |
| | 1-1 | $\frac{1}{1} = \frac{1}{1}$ |
| | | |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
|---------|--|--|
| | | $F_j = \sum_{i=1}^m (1 - M_i) \times F_i$ |
| 8.7.3.2 | Formatting for equation is incorrect. The terms above and below the summation are on the opposite side of the equation. In addition, the capital sigma (∑) used for summation is a capital letter E. | We have proposed edits for the errors described. The equation was redone using the Equation Editor function in Microsoft Word to clarify how the equation should read. |
| | CO_2 tons = $\frac{E}{I}$ F _j x C _j x O _j x 44/12 x 0.0005 $\frac{1}{I} = \frac{1}{I}$ | n CO_2 tons = E - F _i x C _i x O _i x 44/12 x 0.0005 j = 1 |
| | | $CO_2 \ tons = \sum_{j=1}^{n} F_j \times C_j \times O_j \times \frac{44}{12} \times 0.0005$ |
| 8.7.4.1 | The term "subsection" is missing preceding the 8.7 (b) in the description of F_j . In addition, the language for the section number is incorrect. | We propose adding "subsection" before the subsection number, as well as correcting the 8.7 (b) to 8.7.2. |
| | F_j = Total eligible biomass dry basis fuel input (lbs) for fuel type j, as calculated in 8.7(b); | F_j = Total eligible biomass dry basis fuel input (lbs) for fuel type j, as calculated in <u>subsection</u> 8.7(b).2; |
| 8.7.4.2 | Equation is missing summation – capital sigma (Σ) – on the right side. Terms that should be above and below summation symbol are on the opposite side of the equation. | We have proposed edits for the errors described. The equation was redone using the Equation Editor function in Microsoft Word to clarify how the equation should read. |
| | n Heat Input MMBtu = H _j j = 1 | n Heat Input MMBtu = H, j = 1 |
| | | $Heat Input MMBtu = \sum_{j=1}^{n} H_i$ |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
|-----------------------------------|--|---|
| 9.2.1.3 | With the addition of subsections 9.2.1.5 and 9.2.1.6, the conjunction "and" should | We propose removing "and" from subsection |
| | now be at the end of subsection 9.2.1.5. | 9.2.1.3. |
| | | |
| | 9.2.1.3 The minimum reserve price for the auction; and | 9.2.1.3 The minimum reserve price for the |
| 0.2.4.4 | With the addition of subscritions 0.2.1.5 and 0.2.1.6 subscrition 0.2.1.4 is an | auction; and |
| 9.2.1.4 | With the addition of subsections 9.2.1.5 and 9.2.1.6, subsection 9.2.1.4 is no longer the last subsection of 9.2.1. Therefore, the period at the end of subsection | We propose changing the period at the end of subsection 9.2.1.4 to a semicolon. |
| | 9.2.1.4 will become a semicolon. | Subsection 9.2.1.4 to a semicolon. |
| | 5.2.1.4 Will become a semicolon. | 9.2.1.4 The CCR trigger price for the |
| | 9.2.1.4 The CCR trigger price for the auction. | auction-; |
| 9.2.1.5 | The conjunction "and" should be added to the end of subsection 9.2.1.5 since | We propose adding "and" to the end of subsection |
| | subsection 9.2.1.5 is the second to last subsection with subsection 9.2.1. | 9.2.1.5. |
| | | |
| | 9.2.1.5 The maximum number of CO ₂ allowances that may be | 9.2.1.5 The maximum number of CO ₂ allowances |
| | withheld from sale at the auction if the condition of subsection 9.2.4.1 of this | that may be withheld from sale at the auction if the |
| | section is met; | condition of subsection 9.2.4.1 of this section is met; |
| 10.2.1.2.Offers | The content is subscribed 10.2.1.2 often "Offert and in the continu" about detect | and |
| 10.3.1.2 Offset project locations | The sentence in subsection 10.3.1.2 after "Offset project location" should start a new subsection numbered subsection 10.3.1.2.1. | We propose pulling the described sentence out as a new subsection. Subsequent subsections will be |
| project locations | new subsection numbered subsection 10.3.1.2.1. | renumbered. |
| | 10.3.1.2 Offset project locations. To qualify for the award of CO₂ | Terrambered. |
| | allowances under Section 10.0 of this regulation, eligible offset projects may be | 10.3.1.2 Offset project locations. To qualify |
| | located in any of the following locations: | for the award of CO ₂ allowances under <u>Section</u> 10.0 |
| | | of this regulation, eligible offset projects may be |
| | | located in any of the following locations: |
| | | 10.3.1.2.1 To qualify for the award of |
| | | CO ₂ allowances under Section 10.0 of this |
| | | regulation, eligible offset projects may be |
| 10.3.1.2.1 | This subsection becomes a subsection of subsection 10.3.1.2.1 and will be | located in any of the following locations: |
| 10.3.1.2.1 | renumbered. | We propose the following new subsection number. |
| | Tenumbered. | 10.3.1.2.1.1 In the State of Delaware |
| | 10.3.1.2.1 In the State of Delaware | |
| 10.3.1.2.2 | This subsection becomes a subsection of subsection 10.3.1.2.1 and will be | We propose the following new subsection number. |
| | renumbered. | |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| SECTION | 10.3.1.2.2 In any state or United States jurisdiction in which a cooperating regulatory agency has entered into a memorandum of understanding with the appropriate regulatory agencies of all participating states to carry out certain obligations relative to CO ₂ emissions offset projects in that state or U.S. jurisdiction, including but not limited to the obligation to perform audits of offset project sites, and report violations of Section 10.0. | 10.3.1.2.21.2 In any state or United States jurisdiction in which a cooperating regulatory agency has entered into a memorandum of understanding with the appropriate regulatory agencies of all participating states to carry out certain obligations relative to CO ₂ emissions offset projects in that state or U.S. jurisdiction, including but not limited to the obligation to perform audits of offset project sites, and report violations of Section 10.0. |
| 10.3.1.2.2.1 | This subsection is incorrectly numbered, as it is the second subsection under subsection 10.3.1.2. In addition, the subsection is repeated. 10.3.1.2.2.1 Projects located (in whole or in part) in one or more participating states are not eligible for CO ₂ offset allowances under Section 10.0 unless more of the CO ₂ equivalent emissions reduction or carbon sequestration due to the offset project is projected to occur in the State of Delaware than in any other participating state. 10.3.1.2.2.1 Projects located (in whole or in part) in one or more participating states are not eligible for CO ₂ offset allowances under Section 10.0 unless more of the CO ₂ equivalent emissions reduction or carbon sequestration due to the offset project is projected to occur in the State of Delaware than in any other participating state. | We propose placing this subsection under the appropriate subsection 10.3.1.2 and renumbering the subsection. In addition. We propose deleting the repeated subsection. 10.3.1.2.2.1 Projects located (in whole or in part) in one or more participating states are not eligible for CO ₂ offset allowances under Section 10.0 unless more of the CO ₂ equivalent emissions reduction or carbon sequestration due to the offset project is projected to occur in the State of Delaware than in any other participating states. 10.3.1.2.2.1 Projects located (in whole or in part) in one or more participating states are not eligible for CO ₂ offset allowances under Section 10.0 unless more of the CO ₂ equivalent emissions reduction or carbon sequestration due to the offset project is projected to occur in the State of Delaware than in any other participating state. |
| 10.5.1.4 | Error in the unit for Volume of CH ₄ collected (V). A subscript 3 is used where the 3 | We propose adjusting the subscript to a superscript |
| Calculating Emissions | should be a superscript to indicate cubic feet. | to reflect the correct unit for volume. |
| Reductions | V = Volume of CH ₄ collected (ft ₃) | $V = Volume of CH_4 collected (ft_a^3)$ |
| 10.5.3 | The term "Section" is missing preceding 10. In addition, the Section number | We propose adding "Section" preceding the |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| | should be 10.0. | reference to Section 8.0, as well as corrected the |
| | | section number appropriately. |
| | 10.5.3 Sequestration of carbon due to reforestation, improved | |
| | forest management, or avoided conversion. To qualify for the award of CO ₂ | 10.5.3 Sequestration of carbon due to |
| | offset allowances under 10, offset projects that involve reforestation, improved | reforestation, improved forest management, or |
| | forest management, or avoided conversion shall meet all requirements of | avoided conversion. To qualify for the award of CO ₂ |
| | subsection 10.5.3 and the forest offset protocol of this regulation and all other | offset allowances under <u>Section</u> 10 <u>.0</u> , offset projects |
| | applicable requirements of <u>Section</u> 10.0 of this regulation. | that involve reforestation, improved forest |
| | | management, or avoided conversion shall meet all |
| | | requirements of <u>subsection</u> 10.5.3 and the forest |
| | | offset protocol of this regulation and all other |
| | | applicable requirements of <u>Section</u> 10.0 of this |
| | | regulation. |
| 10.5.3.1 | The term "subpart" is used when the term "subsection" and the subsection | We propose removing the term "this Subpart" and |
| | number should be used. | replacing it with the appropriate subsection – |
| | | subsection 10.5.3. |
| | 10.5.3.1 Eligibility. Eligible forest offset projects shall satisfy all | |
| | eligibility requirements of the forest offset protocol and this Subpart. | 10.5.3.1 <i>Eligibility.</i> Eligible forest offset |
| | | projects shall satisfy all eligibility requirements of |
| | | the forest offset protocol and this Subpart |
| | | subsection 10.5.3. |
| 10.5.3.5.1 | The term "subsection" is missing preceding reference to subsection 9.2.2. | We propose adding "subsection" before 9.2.2. |
| | | |
| | 10.5.3.5.1 Monitoring and verification reports shall include all forest offset | 10.5.3.5.1 Monitoring and verification reports |
| | project data reports submitted to the Department, including any additional data | shall include all forest offset project data reports |
| | required by <mark>9.2.2</mark> of the forest offset protocol. | submitted to the Department, including any |
| | | additional data required by <u>subsection</u> 9.2.2 of the |
| 10 5 2 5 2 | The town "eaction" is used to be at the town "each as the control of the control | forest offset protocol. |
| 10.5.3.5.2 | The term "section" is used where the term "subsection" should be used. | We propose changing "section" to "subsection." |
| | 10.5.3.5.2 The consistency application shall include a monitoring and | 10.5.3.5.2 The consistency application shall |
| | verification plan certified by an independent verifier accredited pursuant to | include a monitoring and verification plan certified |
| | <u>subsection</u> 10.6 of this regulation. The monitoring and verification plan shall | by an independent verifier accredited pursuant to |
| | consist of a forest carbon inventory program, as required by section 8.1 of the | subsection 10.6 of this regulation. The monitoring |
| | forest offset protocol. | and verification plan shall consist of a forest carbon |
| | Torest offset protocol. | and verification plan shall consist of a forest carbon |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| | | inventory program, as required by section subsection 8.1 of the forest offset protocol. |
| 10.5.3.7 | The term "subsection" is missing preceding reference to subsection 10.5.3.8. 10.5.3.7 Prior to the award of CO ₂ offset allowances pursuant to subsection 10.7 of this regulation, or to any transfer allowances pursuant to 10.5.3.8, any quantity expressed in metric tons, or metric tons of CO ₂ equivalent, shall be converted to tons using the conversion factor specified in subsection 1.2 of this regulation. | We propose adding "subsection" before 10.5.3.8. 10.5.3.7 Prior to the award of CO ₂ offset allowances pursuant to <u>subsection</u> 10.7 of this regulation, or to any transfer allowances pursuant to <u>subsection</u> 10.5.3.8, any quantity expressed in metric tons, or metric tons of CO ₂ equivalent, shall be converted to tons using the conversion factor specified in <u>subsection</u> 1.2 of this regulation. |
| 10.5.3.8.3.1 | The word "or" should be added to describe the Department or its agent. 10.5.3.8.3.1 The project sponsor must surrender to the Department its agent for retirement a quantity of CO ₂ Allowances in the amount calculated pursuant to project termination provisions in the forest offset protocol within six months of project termination. | We propose adding the word "or" for clarity. 10.5.3.8.3.1 The project sponsor must surrender to the Department or its agent for retirement a quantity of CO ₂ Allowances in the amount calculated pursuant to project termination provisions in the forest offset protocol within six months of project termination. |
| 10.5.3.8.3.2 | Language from the original Model Rule occurs at the end of this subsection. In addition, a period is needed at the end of the subsection. 10.5.3.8.3.2 If the project sponsor does not surrender to the Department or its agent a quantity of CO ₂ Allowances in the amount calculated pursuant to project termination provisions in the forest offset protocol within six months of project termination, they will be subject to enforcement action and each CO2 offset allowance not surrendered will constitute a separate violation of this Part and applicable state law | We propose to change the term "Part" to "section." We have also added a period at the end of the subsection. 10.5.3.8.3.2 If the project sponsor does not surrender to the Department or its agent a quantity of CO ₂ Allowances in the amount calculated pursuant to project termination provisions in the forest offset protocol within six months of project termination, they will be subject to enforcement action and each CO2 offset allowance not surrendered will constitute a separate violation of this-Part section and applicable state law. |
| 10.5.3.10.3.2 | The term "subsection" is missing preceding reference to subsection 10.7. | We propose adding "subsection" before 10.7. |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| | | |
| | 10.5.3.10.3.2 The project sponsor or voluntary greenhouse gas program has | 10.5.3.10.3.2 The project sponsor or voluntary |
| | canceled or retired all credits that were awarded for carbon sequestration that | greenhouse gas program has canceled or retired all |
| | occurred during the time periods for which the project intends to be awarded CO ₂ | credits that were awarded for carbon sequestration |
| | offset allowances pursuant to 10.7, and such credits were canceled or required | that occurred during the time periods for which the |
| | for the sole purpose of allowing the project to be awarded CO ₂ offset allowances | project intends to be awarded CO ₂ offset allowances |
| | pursuant to <u>subsection</u> 10.7. | pursuant to <u>subsection</u> 10.7, and such credits were |
| | | canceled or required for the sole purpose of |
| | | allowing the project to be awarded CO ₂ offset |
| | | allowances pursuant to <u>subsection</u> 10.7. |
| 10.5.5.1.3.1 | The term MP (%) is not defined for the equation in subsection 10.5.5.1.3.1. MP | We propose adding MP in parentheses in the |
| | (%) is the market penetration rate that is discussed in the paragraph preceding | paragraph preceding the equation. |
| | the equation. | |
| | | 10.5.5.1.3.1 The offset project is located |
| | 10.5.5.1.3.1 The offset project is located in a state that has a market | in a state that has a market penetration rate (MP |
| | penetration rate for anaerobic digester projects of 5% or less. The market | (%)) for anaerobic digester projects of 5% or less. |
| | penetration determination shall utilize the most recent market data available at | The market penetration determination shall utilize |
| | the time of submission of the consistency application pursuant to <u>subsection</u> 10.4 | the most recent market data available at the time of |
| | of this regulation and shall be determined as follows: | submission of the consistency application pursuant |
| | | to <u>subsection</u> 10.4 of this regulation and shall be |
| | $\frac{MP(\%)}{MG_{AD}} = MG_{AD} / MG_{STATE}$ | determined as follows: |
| | Where: | MP (%) = MG _{AD} / MG _{STATE} |
| | MG _{AD} = Average annual manure generation for the number of | , , ,, |
| | dairy cows and swine serving all anaerobic digester projects in the applicable | Where: |
| | state at the time of submission of a consistency application pursuant to | MG _{AD} = Average annual manure |
| | subsection 10.4 of this regulation. | generation for the number of dairy cows and swine |
| | MG _{STATE} = average annual manure production of all dairy cows | serving all anaerobic digester projects in the |
| | and swine in the state at the time of submission of a consistency application | applicable state at the time of submission of a |
| | pursuant to subsection 10.4 of this regulation. | consistency application pursuant to subsection 10.4 |
| | | of this regulation. |
| | | MG _{STATE} = average annual manure |
| | | production of all dairy cows and swine in the state |
| | | at the time of submission of a consistency |
| | | application pursuant to subsection 10.4 of this |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| | | regulation. |
| 10.5.5.3.2 | The term VS_{deg} in the equation should be updated to reflect the change from degraded to decomposed, as in the text preceding the equation. In addition, VS_{deg} is not explicitly defined, although it is discussed in the text preceding the equation. | We propose changing the term VS_{deg} to reflect the change from degraded to decomposed. In addition we propose to add the term VS_{dec} in parentheses in the text preceding the equation. |
| | 10.5.5.3.2 The estimated amount of volatile solids degraded decomposed each month under the uncontrolled anaerobic storage baseline scenario (kg) shall be calculated as follows: VS _{deg} = VS _{avail} x f | 10.5.5.3.2 The estimated amount of volatile solids degraded decomposed (VS _{dec}) each month under the uncontrolled anaerobic storage baseline scenario (kg) shall be calculated as follows: |
| | Where: VS = volatile solids as determined from the equation: VS = M _m x TS _% x VS _% where: M _m = mass of manure or organic food waste produced per month | $\frac{\text{VS}_{\text{deg}}}{\text{VS}_{\text{dec}}} = \text{VS}_{\text{avail}} \times \text{f}$ Where: $\text{VS} = \text{volatile solids as determined}$ from the equation: $\text{VS} = \text{M}_{\text{m}} \times \text{TS}_{\text{\%}} \times \text{VS}_{\text{\%}}$ |
| | TS _% = concentration (percent) of total solids in manure or organic food waste as determined through I-3750, "Solids, residue on evaporation at 105 degrees C, total, gravimetric," Methods for the Determination of Inorganic Substances in Water and Fluvial Sediments, Techniques of Water-Resources Investigations of the United States Geological Survey, Book 5, Chapter A1. Edited by Marvin J. Fishman and Linda C. Friedman. VS _% = concentration (percent) of volatile solids in total solids as determined through EPA 160.4 testing method (U.S.EPA Method Number 160.4, Methods for the Chemical Analysis of Water and Wastes (MCAWW) (EPA/600/4-79/020)) VS _{avail} = volatile solids available for degradation decomposition in manure or organic food waste storage each month as determined from the equation: VS _{avail} = VS _p + ½ VS _{in} – VS _{out} | where: M_m = mass of manure or organic food waste produced per month (kg) $TS_{\%}$ = concentration (percent) of total solids in manure or organic food waste as determined through I-3750, "Solids, residue on evaporation at 105 degrees C, total, gravimetric," Methods for the Determination of Inorganic Substances in Water and Fluvial Sediments, Techniques of Water-Resources Investigations of the United States Geological Survey, Book 5, Chapter A1. Edited by Marvin J. Fishman and Linda C. Friedman. $VS_{\%}$ = concentration (percent) of volatile solids in total solids as determined through EPA 160.4 testing method (U.S.EPA Method Number 160.4, Methods for the Chemical Analysis of Water and Wastes (MCAWW) (EPA/600/4-79/020)) |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| | | VS _{avail} = volatile solids available for |
| | | degradation decomposition in manure or organic |
| | | food waste storage each month as determined from |
| | | the equation: |
| | | $VS_{avail} = VS_p + \frac{1}{2} VS_{in} - VS_{out}$ |
| 10.5.5.3.3 | The term VS _{deg} should be updated to reflect the change from degraded to | We propose changing the term VS _{deg} to VS _{dec} to |
| | decomposed. | reflect the change of degraded to decomposed. |
| | | |
| | 10.5.5.3.3 The volume of CH ₄ produced (ft ³) from degradation | 10.5.5.3.3 The volume of CH ₄ produced (ft ³) |
| | decomposition of volatile solids shall be calculated as follows: | from degradation decomposition of volatile solids |
| | | shall be calculated as follows: |
| | $V_{m} = (\frac{VS_{deg}}{VS_{dec}} \times B_{o}) \times 35.3147$ | |
| | Where: | $V_{m} = (VS_{deg} VS_{dec} \times B_{o}) \times 35.3147$ |
| | $V_m = volume of CH_4 (ft^3)$ | Where: |
| | <mark>VS_{deg} = volatile solids degraded <u>decomposed</u> (kg)</mark> | $V_m = \text{volume of CH}_4 (\text{ft}^3)$ |
| | B_o = manure or organic food waste type-specific maximum | VS_{deg} VS _{dec} = volatile solids degraded |
| | methane generation constant (m ³ CH ₄ /kg VS degraded <u>decomposed</u>). For dairy | decomposed (kg) |
| | cow manure, $B_0 = 0.24 \text{ m}^3 \text{ CH}_4/\text{kg VS } \frac{\text{degraded}}{\text{decomposed}}$. The methane | B _o = manure or organic food waste type- |
| | generation constant for other types of manure shall be those cited at U.S. EPA, | specific maximum methane generation constant (m ³ |
| | Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2010, Annex 3.10, | CH ₄ /kg VS degraded decomposed). For dairy cow |
| | Table A-162180 (U.S. Environmental Protection Agency, April 2012 February | manure, $B_0 = 0.24 \text{ m}^3 \text{ CH}_4/\text{kg VS } \frac{\text{degraded}}{\text{degraded}}$ |
| | 2017), unless the project sponsor proposes an alternate methane generation | <u>decomposed</u> . The methane generation constant for |
| | constant and that alternate is approved by the Department. If the project | other types of manure shall be those cited at U.S. |
| | sponsor proposes to use a methane generation constant other than the ones | EPA, Inventory of U.S. Greenhouse Gas Emissions |
| | found in the above-cited reference, the project sponsor must provide justification | and Sinks: 1990-2010, Annex 3.10, Table A-162180 |
| | and documentation to the Department. | (U.S. Environmental Protection Agency, April 2012 |
| | | <u>February 2017</u>), unless the project sponsor proposes |
| | | an alternate methane generation constant and that |
| | | alternate is approved by the Department. If the |
| | | project sponsor proposes to use a methane |
| | | generation constant other than the ones found in |
| | | the above-cited reference, the project sponsor must |
| | | provide justification and documentation to the |
| | | Department. |

| SECTION | DESCRIBE ERROR | PROPOSED CORRECTION |
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| 10.7.3.2 | The term "subsection" is missing preceding reference to subsection 10.5. | We propose adding "subsection" before 10.5. |
| | 10.7.3.2 The CO ₂ emissions reduction or CO ₂ sequestration determination | 10.7.3.2 The CO ₂ emissions reduction or CO ₂ |
| | as required by the relevant provisions of 10.5 of this regulation, including a | sequestration determination as required by the |
| | demonstration that the project sponsor complied with the required | relevant provisions of <u>subsection</u> 10.5 of this |
| | quantification, monitoring, and verification procedures under subsection 10.5 of | regulation, including a demonstration that the |
| | this regulation, as well as those outlined in the consistency application approved | project sponsor complied with the required |
| | pursuant to <u>subsection</u> 10.4.5.2 of this regulation. | quantification, monitoring, and verification |
| | | procedures under <u>subsection</u> 10.5 of this regulation , |
| | | as well as those outlined in the consistency |
| | | application approved pursuant to <u>subsection</u> |
| | | 10.4.5.2 of this regulation. |
| 10.7.3.5 | Change of preposition from "at" to "of" when referring to subsection 10.5. | We propose changing "at" to "of" to remain |
| | | consistent with language of the regulation. |
| | 10.7.3.5 A verification report and certification statement signed by an | |
| | independent verifier accredited pursuant to <u>subsection</u> 10.6 of this regulation | 10.7.3.5 A verification report and |
| | that documents that the independent verifier has reviewed the monitoring and | certification statement signed by an independent |
| | verification report and evaluated the following in relation to the applicable | verifier accredited pursuant to <u>subsection</u> 10.6 of |
| | requirements at <u>subsection</u> 10.5 of this regulation, and any applicable guidance | this regulation that documents that the |
| | issued by the Department. | independent verifier has reviewed the monitoring |
| | | and verification report and evaluated the following |
| | | in relation to the applicable requirements at of |
| | | subsection 10.5 of this regulation, and any |
| | | applicable guidance issued by the Department. |