



Scientific Analysis/Calculation Error Resolution Document

 QA: QA
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Complete only applicable items.

INITIATION

1. Originator: Maryla A. Wasiolek	2. Date: 3/27/2008	3. ERD No. ANL-MGR-MD-000007 ERD 01
4. Document Identifier: ANL-MGR-MD-000007 REV 02	5. Document Title: Environmental Transport Input Parameters for the Biosphere Model	
6. Description of and Justification for Change (Identify applicable CRs and TBVs):		
<p><u>This ERD addresses CR-11639</u></p> <p>Background Information—CR-11639, Level D, was initiated concerning the following discrepancy found in <i>Environmental Transport Input Parameters for the Biosphere Model</i>: On page 6-63, the second full paragraph, the values of feed consumption for chickens are listed as "0.11 kg/d to 0.4 kg/d". However in Table 6-38 of the report (page 6-66) and in the Biosphere Model Report (Table 6.6-3, page 6-199) the recommended values are listed as "0.12 to 0.40". The recommended fix is to explain on page 6-63 that though the range is 0.11 to 0.40, the recommended values are 0.12 to 0.40.</p> <p>Inputs and/or Software—No additional inputs or software were used in performing the impact assessment.</p> <p>Description of Changes—To resolve CR-11639, the text changes described in the following paragraph are made. (Added text is underlined.)</p> <p>On page 6-63, second full paragraph: The values of the feed consumption rates range from 29 kg/d to 68 kg/d for beef cattle, 50 kg/d to 73 kg/d for dairy cows, and 0.11 kg/d to 0.4 kg/d for chickens (<u>wet-weight-based values</u>). It is recommended that the uniform distributions based on the minimum and maximum values for given ranges be used in the biosphere model. <u>For the chicken feed consumption rate, the recommended range of values is from 0.12 kg/d to 0.4 kg/d because the higher value of 0.12 kg/d was provided in more references.</u></p> <p>Impact Evaluation—These changes are editorial and have no impact on the conclusions of <i>Environmental Transport Input Parameters for the Biosphere Model</i>, on <i>Safety Analysis Report</i>, the results of the <i>Total System Performance Assessment</i>, or on any other document that cites <i>Environmental Transport Input Parameters for the Biosphere Model</i>.</p>		

CONCURRENCE

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APPROVAL

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