



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):		

This ERD addresses CR-11639

Background Information—CR-11639, Level D, was initiated concerning the following discrepancy found in *Environmental Transport Input Parameters for the Biosphere Model*:

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.

Inputs and/or Software—No additional inputs or software were used in performing the impact assessment.

Description of Changes—To resolve CR-11639, the text changes described in the following paragraph are made.

(Added text is underlined.)

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 (wet-weight-based values). It is recommended that the uniform distributions based on the minimum and maximum values for given ranges be used in the biosphere model. 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.

Impact Evaluation—These changes are editorial and have no impact on the conclusions of *Environmental Transport Input Parameters for the Biosphere Model*, on *Safety Analysis Report*, the results of the *Total System Performance Assessment*, or on any other document that cites *Environmental Transport Input Parameters for the Biosphere Model*.

CONCURRENCE

	Printed Name	Signature	Date
7. Checker	Kenneth Rehfeldt	<i>Kenneth Rehfeldt</i>	3/27/2008
8. QCS/QA Reviewer	Charles Beach	<i>Charles Beach</i>	3-27-08

APPROVAL

9. Originator	Maryla Wasiolek	<i>Maryla A. Wasiolek</i>	3-27-08
10. Responsible Manager	Paul Dixon	<i>Paul Dixon</i>	3-31-08