YMP	**Model Error Resolution Document** *Complete only applicable items.*	QA: QA Page 1 of 2

INITIATION

1. Originator: David C. Sassani	2. Date: 02/26/2008	3. ERD No. MDL-EBS-PA-000004 ERD 01
4. Document Identifier: MDL-EBS-PA-000004 Rev 03	5. Document Title: Waste Form and In-Drift Colloids-Associated Radionuclide Concentrations Abstraction and Summary	

6. Description of and Justification for Change (Identify applicable CRs and TBVs):

Description:
This ERD corrects issues in the subject document based on ***CR 11424*** and ***TBV 8904*** as described below.

As outlined in ***CR 11424***, this ERD documents and corrects minor typographical errors discovered the in the *Waste Form and In-Drift Colloids-Associated Radionuclide Concentrations Abstraction and Summary* (MDL-EBS-PA-000004 Rev 03) report during Licensing/Data Qualification review of the TSPA Uncertainty and Sensitivity Analysis. Some additional similar errors were identified beyond the examples listed in CR 11424 and they are corrected below also.

The following are the issues and corrections for Table 6-24 (listed by Column and then by Page number and Row):
Column 1 is titled "New TSPA Name". Some of these names have typographical errors.

- Page 6-115, Row 5: Error "CPu_Col_Wf_Embed_Sampled" should correctly read "CPu_Col_Wf_Embed_Sampled_a".
- Page 6-116, Row 10: Error "Conc_Col_FeOx_CS_Samplea" should correctly read "Conc_Col_FeOx_CS_Sampled_a".
- Page 6-118, Row 1: Error "CPu_Col_CSNF_Embed_Sampled" should correctly read "CPu_Col_CSNF_Sampled_a".
- Page 6-119, Row 2: Error "Conc_Col_U_Sampled" should correctly read "Conc_Col_U_Sampled_a".
- Page 6-119, Rows 9 through 16: Error - each label of the form "Kd_Xx_Rev_U_a" should correctly read "Kd_Xx_Rev_U_Col_a", where "Xx" is Pu, Am, Th, Pa, Cs, Np, Ra, and Sn, respectively.

Column 5 is titled "Parameter Value" and two of the internal references and one value contain typographical errors.

- Page 6-116, Row 10: Error "0.03 to 30 mg/L" should correctly read "0.3 to 30 mg/L".
- Page 6-116, Row 11: Error "see Figure 6-11" should correctly read "see Table 6-11".
- Page 6-119, Row 2: Error "see Figure 6-8" should correctly read "see Table 6-8".

DTN (NOTE that these are being annotated in the comment field of the TDIF for each DTN):
MO0701PAGLASWF.000 R1:

- Table 1-1: Error "CPu_Col_Wf_Embed_Sampled" should correctly read "CPu_Col_Wf_Embed_Sampled_a".

MO0701PACSNFCP.000 R1:

- Table 1-1: Error "CPu_Col_CSNF_Embed_Sampled" should correctly read "CPu_Col_CSNF_Sampled_a".
- Table 1-1: Error "Conc_Col_U_Sampled" should correctly read "Conc_Col_U_Sampled_a".
- Table 1-1: Error - each label of the form "Kd_Xx_Rev_U_a" should correctly read "Kd_Xx_Rev_U_Col_a", where "Xx" is Pu, Am, Th, Pa, Cs, Np, Ra, and Sn, respectively.

MO0701PAIRONCO.000 R1:

- Table 1-2: Error "Conc_Col_FeOx_CS_Sample_a" should correctly read "Conc_Col_FeOx_CS_Sampled_a"

(continued on next page)

CONCURRENCE

	Printed Name	Signature	Date
7. Checker	Christine Stockman	Christine Stockman	3/25/08
8. QCS/QA Reviewer	Robert E. Spencer	Robert E. Spencer	3/25/08
APPROVAL			
9. Originator	David C. Sassani	David C. Sassani	3/25/08
10. Responsible Manager	Paul Dixon	Paul Dixon	3-25-08

Model
Error Resolution Document

Complete only applicable items.

INITIATION

1. Originator: David C. Sassani	2. Date: 02/26/2008	3. ERD No. MDL-EBS-PA-000004 ERD 01
4. Document Identifier: MDL-EBS-PA-000004 Rev 03	5. Document Title: Waste Form and In-Drift Colloids-Associated Radionuclide Concentrations Abstraction and Summary	

6. Description of and Justification for Change (Identify applicable CRs and TBVs):

Description (continued):

The initial purpose of ***TBV 8904*** was for reissue of a cancelled document from which data had been used that were qualified initially as product output but later transitioned to unqualified after cancellation the parent report. However, it happens now that the data (from DTN LA0003AM831341.001) are not actually used within MDL-EBS-PA-000004 Rev 03, but only occur as two vestigial citations and in the reference list. Therefore, to satisfy TBV 8904 the needed corrections to the document are to remove the citations and reference to this DTN from the report as indicated below (these changes also include correction of the parent report DIRS to remove the unused reference):

- Table 4-1, page 4-4, 5th row under the "Sorption Coefficients and Related Parameters" subsection: Error including LA0003AM8313412.001 [DIRS 148751] in the list of DTNs used as direct input. This has not been used and this citation should be removed.
- Page 6-58, first bullet below Equation 6-15: Error including LA0003AM8313412.001 [DIRS 148751] in the list of DTNs used as direct input to Kd values in Table 6-15. This has not been used and this citation should be removed.
- Page 9-18, first reference: Error including LA0003AM8313412.001 [DIRS 148751] in the reference list, but this unused reference should be removed.

Justification:

None of the above errors changes any conclusion of the document, nor affects downstream work because the correct information was used in those cases. The error on the parameter value (Error "0.03 to 30 mg/L" should correctly read "0.3 to 30 mg/L") is purely a typographical error as demonstrated within the AMR itself as it documents the proper values developed on page 6-45 and within the DTN. The downstream TSPA analyses and documentation have utilized all of the correct information. Therefore there is no impact to the conclusion of this AMR and this ERD sufficiently corrects the issues described above.