



# Model Error Resolution Document

QA: QA  
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*Complete only applicable items.*

### INITIATION

1. Originator: Kenneth Rehfeldt	2. Date: March 21, 2008	3. ERD No. MDL-NBS-HS-000024 ERD 01
4. Document Identifier: MDL-NBS-HS-000024 REV 01	5. Document Title: HYDROGEOLOGIC FRAMEWORK MODEL FOR THE SATURATED ZONE SITE-SCALE FLOW AND TRANSPORT MODEL	

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

#### I BACKGROUND INFORMATION

Two TBVs have been identified that require small changes to the document.  
**TBV-7905:** The document incorrectly cites MDL-NBS-HS-000021REV 04 instead of MDL-NBS-HS-000021 REV 03 AD 02. The REV 04 version does not exist, rather changes to the report were documented in an addendum. The cited values are correct, but to improve traceability, the following changes should be made to the document:  
 Page 6-29. Change (SNL 2007 [DIRS 177390]). To (SNL 2008 [DIRS 183750]).  
 Page 8-4. Change (SNL 2007 [DIRS 177390]). To (SNL 2008 [DIRS 183750]).  
 Page 9-3 Change the DIRS citation from 177390 to 183750, then update the reference to:  
 SNL (Sandia National Laboratories) 2008. Saturated Zone Flow and Transport Model Abstraction. MDL-NBS-HS-000021 REV 03 AD 02. Las Vegas, Nevada: Sandia National Laboratories. ACC: DOC.20080107.0006.

**TBV-7829:** An incorrect section number was cited. The cited values are correct. This is a typographical error.  
 Page 6-29. Change SNL 2007 [DIRS 177391], Section 6.7.10 to SNL 2007 [DIRS 177391], Section 6.7.9

**Impact Evaluation:** There are no downstream impacts. The update to the version of the SZ Flow and Transport Abstraction cited in the HFM document do not change any of the results of the HFM document.

#### II Inputs and Software

A change in an indirect input is necessary for the Saturated Zone Flow and Transport Model Abstraction as noted in Section I above.

#### III and IV Impact Evaluation, Analysis Results, and Conclusions

The changes for TBV-7905 and TBV-7829 enhance traceability of the information but do not impact the conclusions of the model report nor do they impact any downstream product. The FEPs document (ANL-WIS-MD-000027) is the only active, non-superseded document that cites MDL-NBS-HS-000024 REV 01 as direct input and there is no impact.

### CONCURRENCE

	Printed Name	Signature	Date
7. Checker	Timothy Vogt		3-25-08
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### APPROVAL

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