



Multimedia, Multipathway, and Multireceptor Risk Assessment (3MRA) Modeling System

Volume III: Ensuring Quality of the System, Modules, and Data

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prepared by

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This document is the third volume of a five-volume set. Volume I describes the conceptual design, scientific rationale, and supporting data that are the foundation for the 3MRA modeling system. Volume II describes the data developed and used to run the 3MRA modeling system. This volume describes the approach to quality assurance, including verification and validation activities ranging from extensive peer reviews to multimedia model comparisons. Volume IV describes the methodology used to evaluate sensitivity of model parameters and characterize different types of uncertainty in the 3MRA modeling system. Volume V describes the technology design and includes a user's guide.

Table of Contents

Section	Page
List of Figures	vii
List of Tables	ix
1.0 Introduction	1-1
1.1 3MRA Modeling System Development	1-1
1.2 Overview of the 3MRA Modeling System	1-2
1.3 Organization of This Document	1-3
2.0 Overall Approach to Ensuring Quality of the 3MRA Modeling System	2-1
2.1 Verification and Validation of the 3MRA System	2-3
2.2 Verification and Validation of the Modules	2-4
2.2.1 Concept Review and Code Design	2-6
2.2.2 System-Level Control of Module Input and Output Definitions	2-6
2.2.3 Version Control of Module Code	2-7
2.2.4 Internal and External Code Testing	2-8
2.2.5 Peer Review	2-9
2.3 Verification and Validation of the Site-based Data	2-11
2.3.1 Verification of Site-based Data	2-11
2.3.2 Validation of Site-based Data	2-11
2.4 Verification and Validation of the Chemical Properties Data	2-11
2.4.1 Verification of Chemical Properties Models	2-11
2.4.2 Validation of Chemical Properties Models	2-11
3.0 Ensuring Quality of the 3MRA Modeling System	3-1
3.1 Verification of the Modeling System	3-1
3.1.1 Development Team Communications	3-2
3.1.2 Top-Down Design Approach	3-2
3.1.3 Quality Assurance and Testing Strategy	3-2
3.1.4 Software Archiving and Distribution	3-5
3.2 Validation of the System	3-7
3.2.1 Problem Definition	3-7
3.2.1.1 Site selection	3-7
3.2.1.2 Problem statement and modeling goals	3-11
3.2.2 Site Conceptualization	3-14
3.2.3 Data Collection	3-20
3.2.4 Model Execution	3-20
3.2.5 Interpretation of Results	3-20
4.0 Evaluating Quality of the 3MRA Modeling System Modules	4-1
4.1 Wastewater Source Modules	4-1
4.1.1 Module Description	4-1
4.1.2 Major Module Components/Functionality	4-4

Table of Contents (continued)

Section		Page
	4.1.3 Summary of Verification	4-5
	4.1.4 Summary of Validation	4-6
4.2	Land-based Source Modules and Watershed Module	4-8
	4.2.1 Module Description	4-8
	4.2.2 Major Module Components/Functionality	4-10
	4.2.3 Summary of Verification	4-11
	4.2.4 Summary of Validation	4-14
4.3	Air Module	4-17
	4.3.1 Module Description	4-17
	4.3.2 Major Module Components/Functionality	4-18
	4.3.3 Summary of Verification	4-18
	4.3.4 Summary of Validation	4-20
4.4	Surface Water Module	4-22
	4.4.1 Module Description	4-22
	4.4.2 Major Module Components/Functionality	4-23
	4.4.3 Summary of Verification	4-24
	4.4.4 Summary of Validation	4-25
4.5	Vadose Zone and Aquifer Modules	4-27
	4.5.1 Module Description	4-28
	4.5.2 Major Module Components/Functionality	4-28
	4.5.3 Summary of Verification	4-29
	4.5.4 Summary of Validation	4-33
4.6	Farm Food Chain Module	4-35
	4.6.1 Module Description	4-35
	4.6.2 Major Module Components/Functionality	4-36
	4.6.3 Summary of Verification	4-37
	4.6.4 Summary of Validation	4-38
4.7	Terrestrial Food Web Module	4-39
	4.7.1 Module Description	4-39
	4.7.2 Major Module Components/Functionality	4-40
	4.7.3 Summary of Verification	4-41
	4.7.4 Summary of Validation	4-42
4.8	Aquatic Food Web Module	4-42
	4.8.1 Module Description	4-42
	4.8.2 Major Module Components/Functionality	4-43
	4.8.3 Summary of Verification	4-44
	4.8.4 Summary of Validation	4-45
4.9	Human Exposure Module	4-45
	4.9.1 Module Description	4-46
	4.9.2 Major Module Components/Functionality	4-47
	4.9.3 Summary of Verification	4-49
	4.9.4 Summary of Validation	4-50

Table of Contents (continued)

Section		Page
4.10	Human Risk Module	4-50
4.10.1	Module Description	4-50
4.10.2	Major Module Components/Functionality	4-51
4.10.3	Summary of Verification	4-51
4.10.4	Summary of Validation	4-53
4.11	Ecological Exposure Module	4-53
4.11.1	Module Description	4-53
4.11.2	Major Module Components/Functionality	4-54
4.11.3	Summary of Verification	4-54
4.11.4	Summary of Validation	4-55
4.12	Ecological Risk Module	4-55
4.12.1	Module Description	4-56
4.12.2	Major Module Components/Functionality	4-57
4.12.3	Summary of Verification	4-57
4.12.4	Summary of Validation	4-58
5.0	Verification and Validation of 3MRA Site-Based Data Collection and Processing ..	5-1
5.1	Site-Based Data Collection Methods	5-1
5.1.1	Conduct Pilot Study	5-4
5.1.2	Establish Spatial Framework/Initial Setup	5-4
5.1.3	Delineate Waterbodies and Watersheds	5-7
5.1.4	Place Human Receptors	5-7
5.1.5	Place Ecological Receptors	5-9
5.1.6	Overlay GIS Coverage	5-10
5.1.7	Process Data for 3MRA	5-10
5.2	Data Verification	5-11
5.2.1	Quality Assurance/Quality Control	5-11
5.2.2	Independent Data Testing	5-15
5.3	Data Validation	5-17
5.3.1	Surface Impoundment Study Data	5-17
5.3.2	Development of SIS Data Sets	5-18
5.3.3	Preliminary Comparisons	5-19
6.0	Verification and Validation of Chemical Properties Models	6-1
6.1	SPARC Chemical Properties Estimator	6-1
6.1.1	Model Description	6-2
6.1.2	Major Model Components/Functionality	6-3
6.1.3	Summary of Model Verification	6-5
6.1.4	Summary of Model Validation	6-5
6.1.4.1	Vapor Pressure	6-5
6.1.4.2	Solubility	6-5
6.1.4.3	Octanol/Water Partition Coefficient	6-7
6.1.4.4	Henry's Law Constant	6-7

Table of Contents (continued)

Section		Page
6.2	MINTEQA2 Geochemical Speciation Model	6-7
6.2.1	Model Description	6-8
6.2.2	Major Model Components/Functionality	6-8
6.2.3	Summary of Model Verification	6-9
6.2.4	Summary of Model Validation	6-10
7.0	Summary and Conclusions	7-1
8.0	References	8-1

List of Figures

Figure	Page
1-1 3MRA modeling system design	1-4
1-2 Linkages among the source, fate, transport, exposure, and risk modules of the 3MRA modeling system	1-5
1-3 Organization of the 3MRA modeling system and this document	1-6
2-1 Overall approach to ensure the quality of the 3MRA modeling system	2-3
2-2 Overview of 3MRA module development process	2-5
3-1 Overall approach to ensure the quality of the 3MRA modeling system technology ..	3-4
3-2 Developer testing process for the 3MRA modules	3-4
3-3 Independent testing process for the 3MRA modeling system	3-4
3-4 HoltraChem manufacturing site	3-15
3-5 HoltraChem area photo	3-15
3-6 Aerial view of HoltraChem facility	3-16
3-7 Land use and surface water around HoltraChem facility	3-16
3-8 TRIM surface parcels for HoltraChem facility	3-18
3-9 TRIM air parcels for HoltraChem facility	3-18
3-10 3MRA modeling system surface water reach network for HoltraChem facility ..	3-19
4-1 Overall approach to ensure the quality of the 3MRA science modules	4-2
4-2 Organization of the 3MRA modeling system modules and this section	4-3
4-3 Information flow for the Wastewater Source Modules in the 3MRA modeling system	4-4
4-4 Information flow for the Land-based Source Modules in the 3MRA modeling system	4-9
4-5 Information flow for the Watershed Module in the 3MRA modeling system	4-10
4-6 Information flow for the Air Module in the 3MRA modeling system	4-17
4-7 Information flow for the Surface Water Module in the 3MRA modeling system ..	4-23
4-8 Surface Water Module test waterbody networks	4-25
4-9 Information flow for the Vadoze Zone and Aquifer Modules in the 3MRA modeling system	4-28
4-10 Information flow for the Farm Chain Module in the 3MRA modeling system	4-36
4-11 Information flow for the Terrestrial Food Web Module in the 3MRA modeling system	4-39
4-12 Information flow for the Aquatic Food Web Module in the 3MRA modeling system	4-42
4-13 Information flow for the Human Exposure Module in the 3MRA modeling system ..	4-46
4-14 Information flow for the Human Risk Module in the 3MRA modeling system	4-50
4-15 Information flow for the Ecological Exposure Module in the 3MRA modeling system	4-53
4-16 Information flow for the Ecological Risk Module in the 3MRA modeling system ..	4-56
5-1 Overall approach to ensure the quality of the 3MRA site-based data	5-2
5-2 Site-based spatial overlays	5-3
5-3 Overview of watershed and waterbody layout processing	5-8
5-4. Crown Paper, St. Francisville, LA: Comparison of 3MRA modeling system (0832903, upper) and SIS (3062, lower) site layouts	5-21
5-5. Cenex Refinery, Laurel, MT: Comparison of 3MRA modeling system (1230111, upper) and SIS (2418, lower) site layouts	5-22

List of Figures (continued)

Figure		Page
6-1	Overall approach to ensure the quality of the 3MRA chemical property data	6-1
6-2	SPARC-calculated vs. observed log vapor pressure for 747 organic molecules at 25° C	6-6
6-3	Test results for SPARC calculated log solubilities for 260 compounds.	6-6
6-4	Test comparing calculated K_{ow} with measured values.	6-7
6-5	MINTEQA2 computes the equilibrium distribution of metals	6-8

List of Tables

Tables	Page
2-1 3MRA Modeling System Peer Reviewers	2-9
3-1 Site Sampling Data for HoltraChem Facility and Nearby Areas and Water Bodies ..	3-12
3-2 Model Estimation Endpoints for Initial HoltraChem Simulations	3-14
4-1 General Requirements for Testing the Aerated Tank Module	4-6
4-2 General Requirements for Testing the Surface Impoundment Module	4-6
4-3 General Requirements for Testing the Land Application Unit Module	4-13
4-4 General Requirements for Testing the Landfill Module	4-13
4-5 General Requirements for Testing the Waste Pile Module	4-14
4-6 General Requirements for Testing the Watershed Module	4-14
4-7 General Requirements for Testing the Air Module	4-20
4-8 Coal-Fired Power Plants used for ISCST3 Evaluation	4-21
4-9 General Requirements for Testing the Surface Water Module	4-24
4-10 EXAMS Calibration/Validation Case Studies	4-26
4-11 Summary of Verification Activities for the 3MRA Vadose Zone and Aquifer Modules	4-30
4-12 General Requirements for Testing the Vadose Zone Module	4-32
4-13 General Requirements for Testing the Aquifer Module	4-33
4-14 Summary of EPACMTP Validation Activities	4-33
4-15 General Requirements for Testing the Farm Food Chain Module	4-38
4-16 General Requirements for Testing the Terrestrial Food Web Module	4-41
4-17 General Requirements for Testing the Aquatic Food Web Module	4-45
4-18 Default Pathways Considered by Receptor Type	4-48
4-19 General Requirements for Testing the Human Exposure Module	4-49
4-20 General Requirements for Testing the Human Risk Module	4-52
4-21 General Requirements for Testing the Ecological Exposure Module	4-55
4-22 General Requirements for Testing the Ecological Risk Module	4-58
5-1 Site-Based Data Collection for Representative National Data Set: Summary by Major Activity	5-5
5-2 Comparison of 3MRA Modeling System Representative National Data Set Data Collection Activities with Pilot Study Approach	5-6
5-3 Primary Human Receptor Data Sets, Date, and Scale	5-9
5-4 Automated QC Performed on Model Input Database	5-13
5-5 Summary of Results of Independent Testing of Site-Based Data	5-16
5-6 Comparison of Industrial D and SIS Survey Data for Common Sites	5-17
5-7 Comparison of Site-based Data Sources: SIS and 3MRA Modeling System Representative National Data Set	5-19
5-8 Comparison of Waste Management Data—3MRA Modeling System Representative National Data Set versus SIS	5-20
6-1 SPARC Physical and Chemical Property Estimations used for the 3MRA Modeling System	6-2
6-2 Summary of MINTEQA2 Validation Studies	6-11

List of Appendices

Appendix	Page
A Verification and Validation of the Air Module	A-1
B Quality Assurance Verification and Validation Tests for the Exposure Analysis Modeling System – Exams	B-1
C Verification and Validation of the EPA's Composite Model for Transformation Products (EPACMTP), and its Derivatives	C-1
Attachment C.1 Vadose Zone Module Verification Results (1993–1994)	
Attachment C.2 Module-Aquifer Verification Results (1993-1994)	
Attachment C.3 Results (1993-1994)	
Attachment C.4 Vadose-Zone Module Verification Results (1997)	
Attachment C.5 Aquifer Module Verification Results (1997)	
Attachment C.6 Composite Model Verification (1997)	
Attachment C.6 Composite Model Verification (1997)	
Attachment C.7 3MRA Vadose-Zone Module Verification Results (1997)	
Attachment C.8 3MRA Anlayses Module Verification Results (1997)	
Attachment C.9 3MRA Pseudo 3-D Aquifer Module Verification Results (1999)	
Attachment C.10 3MRA Vadoze-Zone Module Verification Results (2000)	
D Verification and Validation of the SPARC Model	D-1
E Review of Validation Studies Concerning the U.S. EPA Geochemical Speciation Model MINTEQA2	E-1