

Advanced RESRAD-ONSITE & RESRAD-OFFSITE, RESRAD-BIOTA, and RESRAD-RDD Training Workshop

<i>Advanced RESRAD-ONSITE and RESRAD-OFFSITE Training</i>	
Day 1 (CST)	
9:00 – 9:50	Review of RESRAD-ONSITE
10:00 – 10:50	The Beginning of DCGL Journey – Determining Radionuclides of Concern (ROCs)
11:00 – 11:50	DCGL Challenge – Kd Options
12:00 – 12:50	Mass Balance and Non-dispersive Models in RESRAD-ONSITE
1:00 – 1:50	Deriving DCGLs for Groundwater
2:00 – 2:50	Non-traditional Proposal – Onsite Burial of Concrete
3:00 – 3:50	DCGL for Hot Spot – Inhomogeneous Contamination
4:00 – 5:00	RESRAD-OFFSITE Overview
Day 2 (CST)	
9:00 – 9:50	Probabilistic Analysis
10:00 – 10:50	Release Options Model
11:00 – 11:50	Submerged Source
12:00 – 12:50	Intermediate Inputs
1:00 – 1:50	Groundwater Deterministic / Probabilistic Analysis
2:00 – 2:50	Surface Water Body
3:00 – 3:50	Area Factors
4:00 – 5:00	Fenceline Analysis

RESRAD-BIOTA Workshop	
Day 3 (CST)	
9:00 – 9:50	Overview of RESRAD-BIOTA
10:00 – 10:50	RESRAD-BIOTA Demonstration
11:00 – 11:50	Screening Analysis
12:00 – 12:50	DOE Graded Approach Methodology
1:00 – 1:50	Site-specific Screening Analysis
2:00 – 2:50	Principles of Ecological Risk Assessment
3:00 – 3:50	Site-specific Analysis
4:00 – 5:00	Sensitivity Analysis
Day 4 (CST)	
9:00 – 9:50	Organism Specific Factors
10:00 – 10:50	Case Study I
11:00 – 11:50	Case Study II and Food Chain/Web Model
12:00 – 12:50	Wildlife Transfer Factors
	RESRAD-RDD
1:00 – 1:50	Overview and Protective Action Decisions
2:00 – 2:50	Methodology & Demo
3:00 – 3:50	Hands-on and review
4:00 – 5:00	Group A, Access During Emergency Response

RESRAD-RDD Workshop	
Day 5 (CST)	
9:00 – 9:50	Group B, Early-Phase Protective Actions
10:00 – 10:50	Group C, Relocation
11:00 – 11:50	Group D, Temporary Access
12:00 – 12:50	Group E, Transportation
1:00 – 1:50	Group F, Release of Property
2:00 – 2:50	Group G, Food Consumption
3:00 – 3:50	Review and Discussion

<i>Time Zone</i>	<i>Course Agenda</i>
EST	10:00 – 6:00
CST	9:00 – 5:00
MST	8:00 – 4:00
PST	7:00 – 3:00