

AGENDA
ALTERNATIVE REMEDIATION STANDARDS TECHNICAL GUIDANCE TRAINING
June 15, 2021, 9:00am – 12:30pm and 1:30pm - 3:30pm
via GoToWebinar

Welcome: 9:00am – 9:05am
Christina Page, Chair, Training Committee
Lynne Mitchell, Manager, Training Committee

LSRPA: 9:05am – 9:10am
Lisa Voyce, LSRPA

Introduction to Alternative Remediation Standards Technical Guidance Topics 9:10am-9:15am
Dr. Swati Toppin, Rule Manager
Bureau of Environmental Evaluation and Risk Assessment

**Alternative Remediation Standards for Soil for the Ingestion-Dermal
and Inhalation Exposure Pathways**

**Introduction and Basis of Default Soil Remediation Standards for the Ingestion-Dermal and
Inhalation Exposure Pathways**
9:15am-9:20am
Chelsea Bray, Bureau of Environmental Evaluation and Risk Assessment

Determining When to Develop an ARS 9:20am-9:35am
Kevin Long, TerraPhase

Development of ARS for the Ingestion-Dermal Exposure and Inhalation Pathways 9:35am-9:55am
Erica Snyder, Bureau of Environmental Evaluation and Risk Assessment

Questions 9:55am-10:05am

ARS which require pre-approval 10:05am- 10:35am
Alternative Land Use
Lisa Voyce, Senior Human Health and Ecological Risk Assessor

ARS for lead
Mark Maddaloni, DrPH, DABT, Cardno/Chemrisk

Questions 10:35am-10:45am

Break 10:45am-10:55am

ARS which do not require pre-approval 10:55am-11:10am
Allan Motter, Bureau of Environmental Evaluation and Risk Assessment

Submittal of ARS 11:10am-11:15am
Allan Motter, Bureau of Environmental Evaluation and Risk Assessment

Questions: 11:15am –11:25am

Vapor Intrusion Exposure Pathway: 11:25am – 12:10pm
Erica Snyder, Bureau of Environmental Evaluation and Risk Assessment

Questions: 12:10pm – 12:25pm

LUNCH: 12:25pm – 1:00pm

**Alternative Remediation Standard Development for
Migration to Ground Water Exposure Pathway**

Introduction and Overview of the Migration to Ground Water Pathway: 1:00pm-1:20pm
Dr. Swati Toppin, Rule Manager
Bureau of Environmental Evaluation and Risk Assessment

Soil-Water Partition Equation 1:20pm – 1:30pm
Steve Posten, LSRP, Wood Environment and Infrastructure Solutions, Inc.

Synthetic Precipitation Leaching Procedure 1:30pm-1:55pm
Michael Gonshor, LSRP, Roux Associates, Inc.

Questions 1:55pm – 2:05pm

Break 2:05pm - 2:15pm

Dilution-Attenuation Factor 2:15pm - 2:25pm
MaryAnne Kuserk, Bureau of Ground Water Pollution Abatement

SESOIL 2:25pm – 2:40pm
William Carp, Bureau of Environmental Evaluation and Risk Assessment

SESOIL/AT123D 2:40pm – 2:55pm
Steve Posten, LSRP, Wood Environment and Infrastructure Solutions, Inc.

Questions? 2:55pm – 3:05pm

Immobile Chemicals 3:05pm – 3:10pm

Ann Charles, Bureau of Environmental Evaluation and Risk Assessment

Site Soil & Ground Water Data Evaluation 3:10pm – 3:20pm

Dr. Swati Toppin, Rule Manager

Bureau of Environmental Evaluation and Risk Assessment

Questions: 3:20pm – 3:30pm