

ALABAMA ENVIRONMENTAL INVESTIGATION & REMEDIATION GUIDANCE

Summary of Changes – February 2017 – Revision 4.0

The following is a list of the major changes from the September 2005 version to the February 2017 version of the *Alabama Environmental Investigation and Remediation Guidance* (AEIRG). This list does not contain every change made and is not intended to be a comprehensive list.

- The Department provided the regulated community with a more internet-based document containing links to various environmental documents that expand on the topic of interest. Reference to such guidance documents does not endorse or ensure the Department's acceptance of the methodologies mentioned. Communication between the regulated entity and the Department should occur to ensure complete transparency.
- An emphasis has been placed on the development of the Conceptual Site Model (CSM). Additional details and citation to documents that describe the CSM in greater detail have been provided.
- Guidance is provided that directs the regulated community to an acceptable method that may be used to collect soils *in-situ* for waste characterization and disposal.
- The incremental sampling methodology (ISM) is introduced as an acceptable sampling method available for use by the regulated community. The acceptable protocol is discussed in detail within the revised guidance.
- More detail is provided to assist the user during an environmental investigation.
- The USEPA Regional Screening Levels (RSLs) have been referred to as a replacement of ADEM's Preliminary Screening Values (PSVs).
- Additional information has been provided to assist the regulated community during the investigation of a potential environmental impact to an ecological population.
- The Department's Investigation Checklist and the Remediation Checklist have referred to, recommended for use, and directly linked within the document.
- Direct reference and guidance has been provided regarding the Uniform Environmental Covenants Act (UECA) and ADEM Admin. Code div. 335-5.
- Additional detail and guidance has been provided to assist with the installation, development, or abandonment of groundwater monitoring wells.
- Additional detail and guidance has been provided regarding soil, sediment, soil gas, vapor, groundwater and surface water sampling.
- Additional remediation technologies have been added along with links to each type of technology to assist the regulated community.