

ADEM

**ALABAMA RISK-BASED
CORRECTIVE ACTION
GUIDANCE MANUAL**

**ALABAMA ENVIRONMENTAL
INVESTIGATION &
REMEDIATION GUIDANCE**

BRIAN C. ESPY



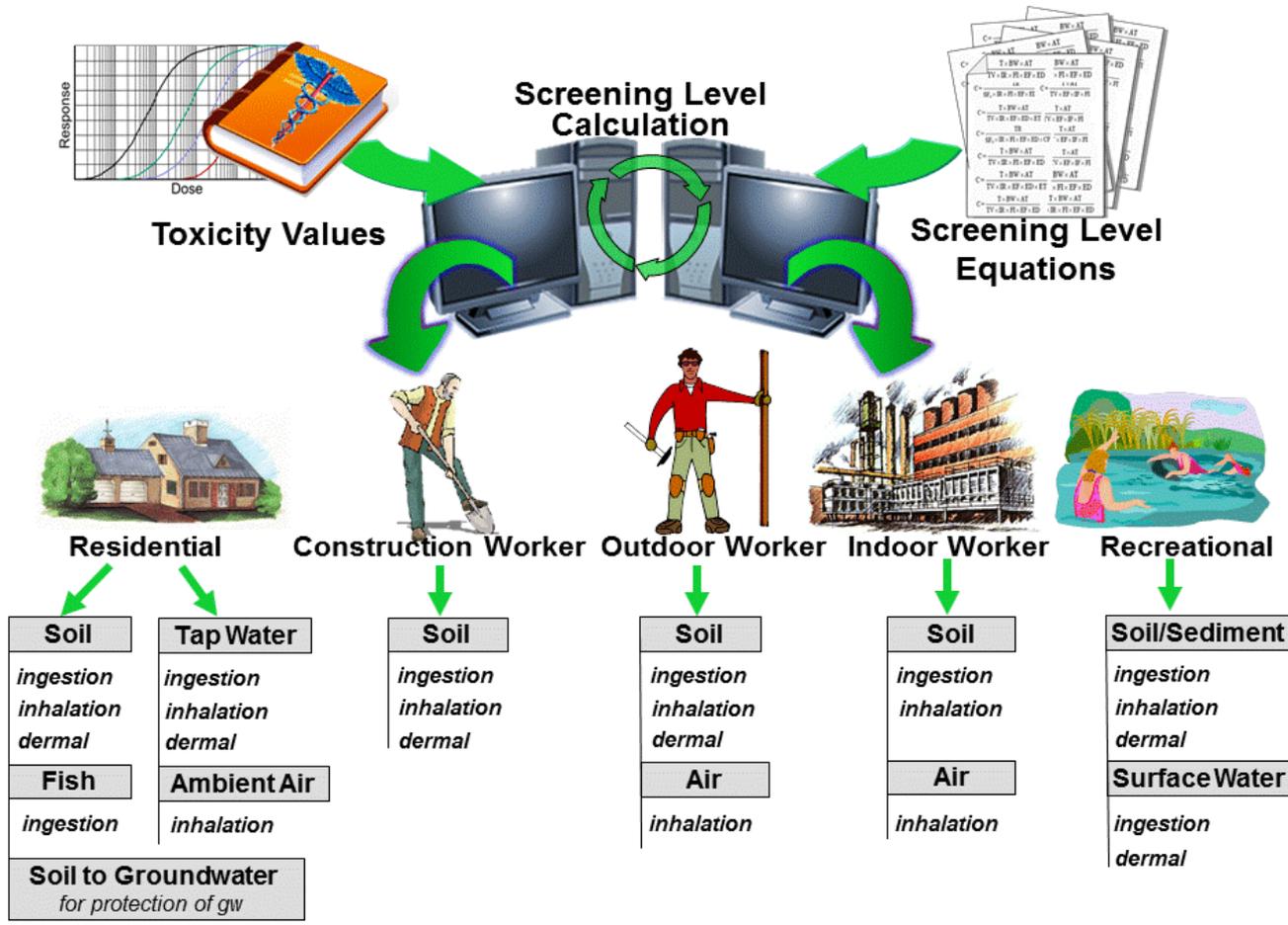
- AEIRG: Internal Comments being addressed & a final internal review will occur
- ARBCA: Another Internal review began on May 30, 2016
- Both documents will be finalized concurrently

MAJOR CHANGES

PSVs, Physical & Chemical Properties, Exposure Factors & Toxicity Values will directly reflect the Regional Screening Level (RSL) Table

- HQ = 0.1 & IELCR = 1E-06 – **Screening**
- June 2015 USEPA Vapor Intrusion Guidance referenced.

RSLs What are they?



OTHER CHANGES

- Better explanations of methodology
- UST and Department-Wide Versions more aligned
- Other minor tweaks

CLEANUP?

CUMMULATIVE

- HI = 1.0
- IELCR = 1E-05

NO CHANGE

MAJOR CHANGES

- Refers to EPA's 2 New June 2015 Vapor Intrusion Guidance Documents

<http://www.epa.gov/oswer/vaporintrusion/>

- In Situ Waste Characterization Sampling of Investigation & Remediation Derived Waste

OTHER CHANGES

- Links provided to commonly referenced documents – a significant number added
- Better explanations of methodology
- Integration with ADEM Admin. Code div. 335-5 Uniform Environmental Covenants Program

ADEM

Questions



BRIAN C. ESPY, P.E.
Engineering Services Section
Industrial Hazardous Waste Branch
Land Division
bespy@adem.state.al.us
(334)271-7749

adem.alabama.gov