




STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P.O. Box 3378  
HONOLULU, HAWAII 96801-3378

In reply, please refer to:  
File: EHA/HEER Office

**TO:** Interested Parties 2008-459-RB

**FROM:** Keith Kawaoka, Manager   
Hazard Evaluation and Emergency Response Office

**DATE:** July 11, 2008

**SUBJECT:** *Screening for Environmental Hazards at Sites with Contaminated Soil and Groundwater* (Summer 2008)

The Hazard Evaluation and Emergency Response (HEER) office has prepared an update to the Tier 1 Environmental Action Levels (EALs) and associated guidance. The Summer 2008 edition of the guidance replaces and takes precedence over previous editions.

A summary of updates and significant changes to previous editions is provided in Appendix 10 of the document. These updates include:

- Expanded discussion of *Environmental Hazard Evaluation*;
- Incorporation of May 2008 USEPA Regional Screening Levels (replace USEPA PRGs);
- Overview of multi-increment sample and decision unit investigation strategies;
- Tier 2 action levels for arsenic, dioxins and technical chlordane;
- Batch Test Leaching model and update to BTLM spreadsheet;
- Guidance on long-term management of contaminated sites; and
- Updated EAL Surfer.

Revisions to action levels for common contaminants are not expected to significantly alter the results of past site investigations or site investigations currently underway.

The EHE document will be revised and updated on a regular basis. Comments and suggestions from the general public are welcome at any time. Updates will be posted to the HDOH EHE website and notification sent to persons on the EHE mailing list. Workshops to present and discuss the EHE guidance and EALs will also be held periodically. To provide comments or be included on the mailing list for updates and workshop announcements, please contact:

Roger Brewer  
Hawai'i Department of Health  
Hazard Evaluation and Emergency Response  
Telephone: 1-808-586-4328  
E-mail: roger.brewer@doh.hawaii.gov