



2nd Edition – The ‘new’ LQM/CIEH Generic Assessment Criteria for Human Health Risk Assessment

Land Quality Management Ltd (LQM) and the Chartered Institute of Environmental Health (CIEH) are pleased to announce that the 2nd edition of the highly successful publication “Generic Assessment Criteria for Human Health Risk Assessment” is now available.

Since its release in 2006 the 1st edition of the LQM/CIEH GAC publication has been widely used by local authority regulators, consultants and others to assist in making robust decisions relating to land contamination issues. The open and transparent nature of the GAC publication has made it an invaluable tool to aid decision-making.

The 2nd edition of the publication was successfully launched at an event held on 22nd July 2009 at the University of Nottingham, and includes a brief comparison of the LQM/CIEH GAC for phenol and cadmium with the SGVs published by the Environment Agency the afternoon before the launch.

The Generic Assessment Criteria (GAC) publication has been updated to reflect the significant changes in human health risk assessment technical guidance and policy since the release of the first edition. The 2nd edition builds on the work of the 82 contaminated land practitioners from the public and private sectors who, under the guidance of LQM, undertook the initial research on the toxicological and physical-chemical input parameters for 76 substances. At the workshop facilitated by LQM and CIEH in Nottingham in January 2009 these delegates derived a series of GAC for use in generic quantitative risk assessment.

Since then the workshop outputs have undergone extensive and thorough review, additional literature searches have been undertaken and the GAC have been prepared for publication.

The 2nd edition presents GAC for an extended range of substances, including:

- Metals (beryllium, boron, cadmium, chromium, copper, vanadium and zinc)
- Total petroleum hydrocarbon fractions (aromatic and aliphatic)
- Polyaromatic hydrocarbons (USEPA 16)
- Chlorinated solvents
- Chlorobenzenes
- Phenol & chlorophenols
- Pesticides
- Explosives
- Carbon disulphide
- Hexachlorobutadiene

GAC have been derived for a range of generic land uses and Soil Organic Matter contents.

As with the 1st edition all toxicological and physical-chemical data inputs used in the derivation of the GAC are presented and discussed in the publication.

Please use the attached form to order your copy(s) of the publication.

Price: 2nd Edition LQM/CIEH GAC - **£195** (including standard p&p within the UK)

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