## 20 REFERENCES

ABS (2001) Census of Population and Housing Belconnen, ACT.

ABS (2006) Census of Population and Housing Belconnen, ACT.

AGO (2006) **AGO Factors and Methods Workbook** Australian Greenhouse Office and Department of the Environment and Heritage, Canberra.

ANCOLD (2000) Guidelines on Selection of Acceptable Flood Capacity for Dams.

ANZECC (1990) **Technical Basis for Guidelines to Minimise Annoyance Due to Blasting Overpressure and Ground Vibration** Australian and New Zealand Environment and Conservation Council, Canberra.

ANZECC & ARMCANZ (2000) Australian and New Zealand Guidelines for Fresh and Marine Water Quality Australian and New Zealand Environment and Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand, Canberra.

ANZECC & ARMCANZ (2000) Australian Guidelines for Water Quality Monitoring and **Reporting** Australian and New Zealand Environment and Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand, Canberra.

ANZECC & ARMCANZ (1994) National Water Quality Management Strategy: Policies and principles – a reference document Australian and New Zealand Environment and Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand, Canberra.

ANZECC & ARMCANZ (1998) **National Water Quality Management Strategy: Implementation guidelines** Australian and New Zealand Environment and Conservation Council and Agriculture and Resource Management Council of Australia and New Zealand, Canberra.

Assessing Vibration a Technical Guideline, February 2006.

AS/NZS ISO 31000:2009 Risk Management Standards Australia.

AS?NZS ISO 31000:2009 Risk Management – Principles and Guidelines Standards Australia.

ATSDR (2007). **Toxicological profile for lead**. Agency for Toxic Substances and Disease Registry, U.S. Department of Health and Human Services.

Austral Archaeology (2000) **Conservation Management Plan: Line of Lode, Broken Hill.** Prepared for Line of Lode Association.

AUSTROADS (2005) **Guide to Traffic Engineering Practice – Part 5: Intersections at Grade**, Austroads Incorporated, Sydney.

Blastronics Pty Ltd (1994) Drill and Blast Study, Mt Pleasant.

Boreland, F., Lyle, D. M., Wlodarczyk, J., Balding, W. A. and Reddan, S. (2002). Lead dust in Broken Hill homes - a potential hazard for young children? **Australian and New Zealand Journal of Public Health**. 26 (3): 203-207.

Boreland, F. and Lyle, D. M. (2006). Lead dust in Broken Hill homes: Effect of remediation on indoor lead levels. **Environmental Research**. 100 (2): 276-283.

Boreland, F., Lyle, D. M., Wlodarczyk, J. and Balding, W. A. (2006). Lead dust in Broken Hill homes: relationship between house dust and children's blood lead levels. **Environmental Health** 6(4): 15-24.

Boreland, F., Lesjak, M. S. and Lyle, D. M. (2008a). Managing environmental lead in Broken Hill: a public health success. **New South Wales Public Health Bulletin**. 19 (9-10): 174-179.

Boreland, F. and Lyle, D. (2009a). Using performance indicators to monitor attendance at the Broken Hill blood lead screening clinic. **Environmental Research**. 109 (3): 267-272.

Boreland, F. (2010). 'Pb soil testing'. Personal communication with Frances Boreland. Dated 31<sup>st</sup> March, 2010.

Bruce, S., Noller, B., Matanitobua, V. and Ng, J. (2007). In vitro physiologically based extraction test (PBET) and bioaccessibility of arsenic and lead from various mine waste materials. **Journal of Toxicology and Environmental Health** Part A, 70: 1700-1711.

Burke, H., Balding, B. and Lyle, D. (2003). Reducing lead exposure in children in Broken Hill. New South Wales Public Health Bulletin. 14 (3): 52-54.

Broken Hill City Council (2005) **Development Control Plan No. 4 – Industrial Development**, Adopted by Council April 30 1997, Amendment Adopted September 28 2005.

CBH Resources/ BHOP (2007) Rasp Mine Revised Stormwater Management Plan. Prepared 30 June 2007.

Corkery (2004) Broken Hill LGA State of the Environment Report 2004.

Countrywater (2009). **Drinking water quality report**: Quarterly (1 January to 31 March 2009). Prepared by the Environmental Programs Officer for 'countrywater'. 20 October 2009. Available: <u>http://www.countrywater.com.au/internet/cewebpub.nsf/AttachmentsByTitle/cw quality jan09 mar</u> 09.pdf/\$FILE/cw quality jan09 mar09.pdf.

DECCW (1994) **Environmental Noise Control Manual** Department of Environment Climate Change and Water (NSW), Sydney.

DECCW (1999a) **Environmental Criteria for Road Traffic Noise**, Department of Environment Climate Change and Water (NSW), Sydney.

DECCW (2000) **Industrial Noise Policy** Department of Environment Climate Change and Water (NSW), Sydney.

DECCW and DoP (2007) Interim Guideline for Assessment of Noise from Rail Infrastructure **Projects** Department of Environment Climate Change and Water, Department of Planning, NSW Sydney.

DECCW (2009) **Construction Noise Guideline** Department of Environment Climate Change and Water (NSW), Sydney.

DECCW (1999b) Environmental Guidelines: Assessment, Classification & Management of Liquid & Non-liquid Wastes Department of Environment Climate Change and Water (NSW), Sydney.

DECCW and I&I NSW (2005) Draft Guidelines for Threatened Species Assessment for development applications assessed under Part 3A of the Environmental Planning and Assessment Act 1979. Department of Environment Climate Change and Water, Industry & Investment NSW.

DECCW (2005) Approved Methods and Guidance: For the Modelling and Assessment of Air **Pollutants in New South Wales** Department of Environment Climate Change and Water (NSW), Sydney.

DECCW (2007) **Approved Methods for the Sampling and Analysis of Air Pollutants in NSW** Department of Environment Climate Change and Water (NSW), Sydney.

DECCW (2002) **Protection of the Environment Operations (Clean Air) Regulation** Department of Environment Climate Change and Water (NSW), Sydney.

DECCW (2007) Guidelines for the Assessment and Management of Groundwater Contamination Department of Environment Climate Change and Water (NSW), Sydney.

DECCW (2006) **Managing Urban Stormwater: Treatment Techniques** Department of Environment Climate Change and Water (NSW), Sydney.

DECCW (2006) **Managing Urban Stormwater: Source and Control** Department of Environment Climate Change and Water (NSW), Sydney.

Department of Employment and Workplace Relations (2007) **Small Area Labour Markets Australia June Quarter 2007** Department of Employment and Workplace Relations.

enHealth (2001) **Health Impact Assessment Guidelines** Commonwealth Department of Health and Aged Care, Canberra.

enHealth (2002) Environmental Health Risk Assessment Guidelines for Assessing Human Health Risks from Environmental Hazards Department of Health and Ageing and enHealth Council, Canberra.

enHealth (2004). Australian Exposure Assessment Handbook: Consultation Draft. enHealth Council.

EnTox (2009). Final Report (PBET test results 041209) and Repeat Final Report (received 221209).

ERM (2001) Trial Mining at Consolidated Mining Lease 7, Statement of Environmental Effects. Prepared for Consolidated Broken Hill Ltd, July 2001.

ERM (2006) **Development of an Exploration Decline at Consolidated Mine Lease 7, Review of Environmental Factors**. Prepared for CBH Resources Limited, July 2006.

ERM (2007) **Temporary Mining of Remnant Material in Kintore Pit, Statement of Environmental Effects**. Prepared for Broken Hill Operations Pty Ltd, March 2007.

FSANZ (2003). The 20th Australian Total Diet Survey: A total diet survey of pesticide residues and contaminants. Food Standards Australia New Zealand.

Golders Associates (2009). **Esperance town-site human health and ecological risk assessment. Golders Associates**, submitted to the Department of Environment and Conservation, WA. Report Number 077643414-R03.

Greg Richards and Associates (2001) **A Report on Potential Bat Roosts at the Consolidated Broken Hill Ltd Lease, Far Western New South Wales**. Prepared for ERM, May 2001.

Gulson, B. L., Davis, J. J., Mizon, K. J., Korsch, M. J. and Bawden-Smith, J. (1995b). Sources of lead in soil and dust and the use of dust fallout as a sampling medium. **Science of The Total Environment**. 166 (1-3): 245-262.

GWAHS (2009). **Blood lead trends in children aged less than 5 years in Broken Hill 2008**. Report prepared by Lesjak, M. for Greater Western Area Health Service. Available online: <u>http://www.gwahs.nsw.gov.au/userfiles/file/ELC%20ANNUAL%20REPORT%202008.pdf</u>.

IARC (1980). **IARC Monograph on evaluation of carcinogenic risk to humans**, Vol 23:39 International Agency for Research on Cancer 1980.

JECFA (1983). **Arsenic. WHO Food Additive Series No. 18**, Joint FAO/WHO Expert Committee on Food Additives, Available: http://www.inchem.org/documents/jecfa/jecmono/v18je17.htm

JECFA (1986). **WHO Food Additive Series 21: Lead**. Prepared by the 21st meeting of the Joint FAO/WHO Expert Committee on Food Additives. Available: <u>http://www.inchem.org/documents/jecfa/jecmono/v21je16.htm</u>.

JECFA (1988a). **Arsenic. WHO Food Additive Series No. 24**, Joint FAO/WHO Expert Committee on Food Additives, Available: http://www.inchem.org/documents/jecfa/jecmono/v024je09.htm

JECFA (1988b). **Cadmium. WHO Food Additive Series No. 24**, Joint FAO/WHO Expert Committee on Food Additives, Available: http://www.inchem.org/documents/jecfa/jecmono/v024je09.htm

JECFA (1999). **Safety Evaluation of Certain Food Additives and Contaminants**, WHO Food Additives Series: 44. International Programme on Chemical Safety, World Health Organisation, Prepared by the Fifty-third meeting of the Joing FAO/WHO Expert Committee on Food Additives (JECFA).

JECFA (2000). **WHO food additives series 46: Tin (addendum).** World Health Organization Food Additive Series, Geneva.

Lesjak (2010). E-mail correspondence entitled 'RE: Broken Hill risk assessment and request for blood lead'. Received March 4<sup>th</sup>, 2010.

Lesjak, M. S. and Boreland, F. (2008). Protecting children from lead in Broken Hill. **InTouch**: **Newsletter of the Public Health Association of Australia**. 25 (11): 5. Available online: <u>http://www.phaa.net.au/documents/Dec08.pdf</u>.

Lyle, D., Balding, B., Burke, H. and Begg, S. (2001). NSW Lead Management Program in Broken Hill. **New South Wales Public Health Bulletin**. 12 (6): 165-167.

Lyle, D. M., Phillips, A. R., Balding, W. A., Burke, H., Stokes, D., Corbett, S. and Hall, J. (2006). Dealing with lead in Broken Hill - trends in blood lead levels in young children 1991-2003. **Science of The Total Environment**. 359: 111-119.

## Managing Urban Stormwater & Construction 2006 Landcom

Martin (1995) Living Desert Area Proposed 4 Wheel Drive Track Archaeological Assessment. Prepared for Broken Hill City Council.

McNamara (1992) Environmental Management and Mine Site Rehabilitation in a Semi-arid Environment, Broken Hill, Australia. Prepared for BHPE-Kinhill Joint Venture India, Mine Operations and Steel Plan Environment Management Training Program.

Miedecke (2001) Central Mining Lease 7 Broken Hill Revised Stormwater Management Plan Kintore Pit Catchment. Prepared for Consolidated Broken Hill, May 2001.

Miedecke (2004) Central Mining Lease 7 Broken Hill Stormwater Management Plan Kintore Pit Catchment. Prepared for Consolidated Broken Hill, 2006.

National Greenhouse and Energy Reporting Act 2007 Department of Climate Change and Energy Efficiency, Australia

National Pollution Inventory website, www.npi.gov.au, Commonwealth of Australia.

National Environment Protection Council (1999) **National Environment Protection (Assessment of Site Contamination) Measure 1999** National Environment Protection Council, Australia.

NEPM (1999). Schedule B(1): Investigation levels for soil and groundwater. National Environmental Protection Measure.

NHMRC (2004). **Australian Drinking Water Guidelines**, National Health and Medical Research Council, Commonwealth of Australia.

NHMRC (2006). Nutrient reference values for Australia and New Zealand, including recommended dietary intakes, Endorsed by the National Health and Medical Research Council on 9 September 2005.

NHMRC (2009). **Public Statement: blood lead levels. Lead exposure and health effects in Australia**. National Health and Medical Research Council. Available: <u>http://www.nhmrc.gov.au/\_files\_nhmrc/file/publications/synopses/gp03-lead-pub-stmnt.pdf</u>

Nordberg, G. F., Fowler, B. A., Nordberg, M. and Friberg, L. T. (2007). Handbook on the Toxicology of Metals. Third Edition. Elsevier.

NSW Gov (2009). **Darling River Water Savings Project: Community Update Number 2**. New South Wales Government, Office of Water. September 2009. Available online: <u>http://www.brokenhill.nsw.gov.au/news/pages/23231/NewsDoc/recovery darling water saving dar ling community update 2.pdf</u>.

NZ MfE (2010) **Draft - Toxicological Intake Values for Priority Contaminants in Soil**. New Zealand Ministry for the Environment.

Pasminco Mining Broken Hill (1995) Potosi Project, Environmental Impact Statement, Volume Two.

PlanningNSW (2002) **Proposed Broken Hill Mineral Separation Plant, Report on the Assessment of a Development Application (DA345-11-01) Pursuant to Section 79C of the Environmental Planning and Assessment Act, 1979** NSW Department of Planning, NSW.

RIVM (2001). **Re-evaluation of human-toxicological maximum permissible levels**, National Institute of Public Health and the Environment, RIVM Report No. 711701 025, March 2001.

RIVM (2009). **Relative oral bioavailability of lead from Dutch made grounds**. RIVM report 711701086/2009. Rijksinstitut voor Volksgezondheid en Milieu (National Institute for Public Health and the Environment), Netherlands.

RTA (2003) **Traffic Volume Data for Western Region 2002** Roads and Traffic Authority, New South Wales.

RTA (2001) **Environment Noise Management Manual** Roads and Traffic Authority, New South Wales.

SEPP No 55 (1998) **Remediation of Land and Remediation of Land Guidelines** State Environment Protection Policy

Ruby, M.V., Davis, A., Schoof, R., Eberle, S., and Sellstone, C., M. (1996). Estimation of lead and arsenic bioavailability using a physiologically based extraction test. **Environmental Science and Technology**. 30: 422-430.

Ruby, M.V., Schoof, R., Brattin, W., Goldade, M., Post, G., Harnois, M., Mosby, D.E., Casteel, S.W., Berti, W., Carpenter, M., Edwards, D., Cragin, D. and Chappell, W. (1999). Advances in Evaluating the Oral Bioavailability of Inorganics in Soil for Use in Human Health Risk Assessment. Critical Review. **Environmental Science and Technology** 33(21): 3697-3705.

Terra Consulting (2000) Broken Hill LGA Baseline State of Environment Report 2000.

The Zinc Corporation Ltd (1983) **A New Tailings Disposal Facility Draft Environmental Impact Statement.** 

UK EA (2002). Measurement of the bioaccessibility of arsenic in UK soils. R&D Technical Summary P5-062/TS2. UK Environment Agency.

UK EA (2002). Contaminants in soil: collation of toxicological data and intake values for humans. Chromium. Department for Environment, Food and Rural Affairs and the United Kingdom Environment Agency, ISBN 1 857 05743 0.

UNEP (2006). Interim review of scientific information on lead. United Nations Environment Programme.

US EPA (1996). **Recommendations of the technical workgroup for lead for an approach to assessing risks associated with adult exposures to lead in soil.** Technical Review Workgroup for Lead, United States Environmental Protection Agency. EPA-540-R-03-001.

US EPA (1999). **Short sheet: IEUBK model bioavailability variable**. United States Environmental Protection Agency. EPA #540-F-00-006. OSWER #9285.7-32, Washington, D.C.

US EPA (2006). **Air Quality Criteria for Lead**, United States Environmental Protection Agency. EPA/600/R-05/144bF.

US EPA (2007a). User's guide for the integrated exposure uptake biokinetic model for lead in children (IEUBK) Windows. United States Environmental Protection Agency. EPA 9285.7-42. Prepared for the Technical Review Workgroup for Metals and Asbestos (TRW).

UE EPA IRIS (1996). Manganese (CASRN 7439-96-5), Reference dose for chronic oral exposure (RfD), United States Environmental Protection Agency, Integrated Risk Information System, Available: <u>http://www.epa.gov/ncea/iris/subst/0373.htm</u>

WHO (1995). **Environmental Health Criteria 165: Lead**. International Programme on Chemical Safety, World Health Organisation, Geneva.

WHO (2001) **Environmental Health Criteria 224: Arsenic**. International Programme on Chemical Safety, World Health Organisation, Geneva.

WHO (2003). Concise International Chemical Assessment Document 50: Elemental mercury and inorganic mercury compounds (human health aspects), World Health Organization.

WHO (2008). **Guidelines for Drinking-water Quality 3<sup>rd</sup> edition** Vol 1. WHO Regional Publications.

Witter (1994) **Aboriginal Sites on Broken Hill City Council Land**. Prepared for BHCC and presented as *Appendix B* of Terra Consulting (2000) Broken Hill LGA Baseline State of the Environment Report 2000.