

*"This page has been left blank intentionally"*

## 9.0 References

ANZECC, 1992. Australian Water Quality Guidelines for Fresh and Marine Waters. Australian and New Zealand Environment and Conservation Council.

ANZECC, 1999. Guidelines for the Assessment of On-site Containment of Contaminated Soil. Australian and New Zealand Environment and Conservation Council.

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 Resourced Management Council of Australia and New Zealand.

ANZECC/NHMRC, 1992. Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites. Australian and New Zealand Environment and Conservation Council and National Health and Medical Research Council.

Australian Standard AS 4482.1-1997. Guide to sampling and investigation of potentially contaminated soil: Part 2: Non-volatile and semi-volatile substances. Standards Australia.

Australian Standard AS 4482.1-1999. Guide to sampling and investigation of potentially contaminated soil: Part 2: Volatile substances. Standards Australia.

CH2MHILL, 2007a. Delineation and Characterisation Sampling and Review of Remedial Options" March. CH2M HILL Australia Pty Ltd

CH2MHILL, 2007b. Remedial Action Plan, Former Macdonaldtown Gasworks – Burren Street, Erskineville, NSW, Final Report. November. CH2M HILL Australia Pty Ltd

Heritage Concepts, 2006. Archaeological Assessment and Remediation Management Strategy. November.

HLA, 2007. Site Audit Report – Delineation and Characterisation Sampling and Review of Remedial Options – Former Gasworks Site Burren Street, Erskineville NSW. September. HLA Envirosciences Pty Ltd

LWBC, 2003. Minimum Construction Requirements for Water Bores in Australia. Land and Water Biodiversity Committee

NEHF, 1998. Health-Based Soil Investigation Levels. National Environmental Health Forum Monographs. Soil Series No 2. National Environmental Health Forum.

NEPC, 1999a. Guideline on the Investigation Levels for Soil and Groundwater. Schedule B(1). National Environmental Protection Measure. National Environmental Protection Council.

NEPC, 1999b. Guideline on Data Collection, Sample Design and Reporting. Schedule B(2). National Environmental Protection Measure. National Environmental Protection Council.

NEPC 1999c. Guideline on Laboratory Analysis of Potentially Contaminated Soils. Schedule B(3). National Environmental Protection Measure. National Environmental Protection Council.

NEPC, 1999d. Guideline on Health Risk Assessment Methodology. Schedule B(4). National Environmental Protection Measure. National Environmental Protection Council.

Use or disclosure of data contained on this sheet is subject to the restriction on the distribution page of this document.

NSW DEC, 2007. Guidelines for the Assessment and Management of Groundwater Contamination. NSW Department of Environment and Conservation

NSW DEC, 2006. Guidelines for the NSW Site Auditor Scheme (2<sup>nd</sup> edition). NSW Department of Environment and Conservation.

NSW DEC, 2005. Information for the assessment of Former Gasworks sites. NSW Department of Environment and Conservation.

NSW EPA, 1999. Environmental Guidelines: Assessment, Classification & Management of Liquid & Non-liquid Wastes. NSW Environment Protection Authority.

NSW EPA, 1997. Contaminated Sites: Guidelines for Consultants Reporting on Contaminated Sites. NSW Environment Protection Authority.

NSW EPA, 1996. Environmental Guidelines: Solid Waste Landfills. NSW Environment Protection Authority.

NSW EPA, 1995. Contaminated Sites: Sampling Design Guidelines. NSW Environment Protection Authority.

NSW EPA, 1994. Contaminated Sites: Guidelines for Assessing Service Station Sites. NSW Environment Protection Authority.

SKM, 2006. Macdonaldtown Triangle (Former Gasworks Site) – Human Health and Ecological Risk Assessment. April. Sinclair Knight Merz

WorkCover, 2003. "Your Guide to Working With Asbestos"

## 10.0 Glossary of Abbreviations and Acronyms

ACM.	Asbestos containing material(s).
ANZECC.	Australian and New Zealand Environment and Conservation Council.
AHD.	Australian Height Datum.
APHA.	American Public Health Association.
ASS.	Acid Sulfate Soil.
B(a)P.	Benzo(a)pyrene (a PAH).
BTEX.	Benzene, toluene, ethylbenzene and xylenes.
CCA.	Copper chrome arsenate.
DQOs.	Data Quality Objectives.
DQIs.	Data Quality Indicators.
EMP.	Environmental Management Plan.
HASP.	Health and Safety Plan.
HRA.	Health Risk Assessment.
NEHF.	National Environmental Health Forum.
NEPC.	National Environmental Protection Measure.
NSW DEC.	New South Wales Department of Environment and Conservation
NSW DECC.	New South Wales Department of Environment and Climate Change
NSW EPA.	New South Wales Environment Protection Authority.
OCPs.	Organochlorine pesticides.
OH&S.	Occupational Health & Safety.
OPPs.	Organophosphorus pesticides.
PAHs.	Polynuclear Aromatic Hydrocarbons.
PCBs.	Polychlorinated biphenyls.
PID.	Photoionisation detector.
PQL.	Practical quantitation level.
PSH.	Phase Separated Hydrocarbon.
QA.	Quality Assurance.
QC.	Quality Control.
RAP.	Remedial Action Plan.
RPD.	Relative Percent Difference.
SAQP.	Sampling, Analytical and Quality Plan.
SMP.	Soil or Site Management Plan
SVOCs.	Semi-volatile Organic Compounds.

Use or disclosure of data contained on this sheet is subject to the restriction on the distribution page of this document.

SWL.	Standing Water level.
UCL.	Upper Confidence Limit (on mean).
USEPA.	United States Environment Protection Agency.
UST.	Underground Storage Tank.
VENM.	Virgin Excavated Natural Material.
VOC.	Volatile Organic Compound.

**Terms relating to chemical analysis methods:**

AES.	Atomic emission spectrometry.
CV-AAS.	Cold vapour atomic absorption spectrometry
GC/ECD.	Gas chromatography/electron capture detector.
GC/FID.	Gas chromatography/flame ionisation detector.
GC/NPD.	Gas chromatography/nitrogen/phosphorus detector.
CG/MS.	Gas chromatography/mass spectrometry.
GC/PID.	Gas chromatography/photoionisation detector.
ICP	Inductively coupled plasma.
OES.	Optical emission spectrometry.
P&T.	Purge and trap.

**Units:**

ha.	hectare.
km.	kilometre.
m.	metre.
mbgs.	metres below ground surface
mg/kg.	milligrams/kilogram.
ppm.	parts per million.
mg/L.	milligrams/litre.
µg/L.	micrograms/litre.
t.	tonne.

Use or disclosure of data contained on this sheet is subject to the restriction on the distribution page of this document.

May 2008

Site Audit Report

Remedial Action Plan

Commercial in Confidence

S4015604\_SARFinal\_12May08



## **Attachment 1**

### **Figures from RAP**

*"This page has been left blank intentionally"*

Use or disclosure of data contained on this sheet is subject to the restriction on the distribution page of this document.

May 2008

Site Audit Report

Remedial Action Plan

Commercial in Confidence

S-4015604\_SARFinal\_12May08