



# Northern Expressway

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## Environmental Report Supplement

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Prepared by:

Kellogg Brown & Root Pty Ltd

186 Greenhill Road  
Parkside SA 5063

Telephone: + 61 8 8301 1234  
Facsimile: + 61 8 8301 1301

and:  
Sinclair Knight Merz Pty Ltd

and:  
QED Pty Ltd

and:  
Department for Transport, Energy and Infrastructure

Prepared for:

Department for Transport, Energy and Infrastructure

33–37 Warwick Street  
Walkerville SA 5081

PO Box 1  
Walkerville SA 5081

Telephone: 1300 658 621  
Facsimile: + 61 8 8343 2005  
Email: [northernexpressway@saugov.sa.gov.au](mailto:northernexpressway@saugov.sa.gov.au)

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The sole purpose of this report and the associated services performed by Kellogg Brown & Root Pty Ltd (KBR) either directly or through its associates Sinclair Knight Merz Pty Ltd and QED Pty Ltd is to document the effect of the Northern Expressway project on the environment in accordance with the scope of services set out in contracts references 05C091 and 05C152 between KBR and the Department for Transport, Energy and Infrastructure (DTEI) ('the Client'). That scope of services was defined by the requests of the Client, by the time and budgetary constraints imposed by the Client, and by the availability of access to the site.

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In preparing this report, KBR has relied upon and presumed accurate certain information (or absence thereof) relative to the environmental effects of the project provided by the Client and other consultants engaged by the Client, namely Sections 3.3, 3.5, 3.6, 3.9 and 3.12 of this report and associated tabulated information. Similarly, KBR has relied upon and presumed accurate project financial data and traffic data provided by the Client. Except as otherwise stated in the report, KBR has not attempted to verify the accuracy or completeness of any such information.

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#### Revision History

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			Originated by	Checked by	Authorised by
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## List of Abbreviations

ARI	Average Recurrence Interval
dB(A)	A-weighted decibels
DECS	Department of Education and Children's Services
DFC	Department for Families and Communities
DoTARS	Department of Transport and Regional Services (Commonwealth)
DTED	Department of Trade and Economic Development
DTEI	Department for Transport, Energy and Infrastructure
DWLBC	Department of Water, Land and Biodiversity Conservation
e-CO <sub>2</sub>	equivalent carbon dioxide
GEHA	Gawler Environment and Heritage Association Inc.
GHG	greenhouse gas
GRFMA	Gawler River Floodplain Management Authority
GRFMS	Gawler River Flood Mitigation Scheme
ha	hectare
k	kilo (1000)
L <sub>eq</sub>	level equivalent
m <sup>3</sup> /s	cubic metres per second
MASTEM	Metropolitan Adelaide Strategic Transport Evaluation Model
NExy	Northern Expressway
NRM	Natural Resources Management
OD3	Over-dimensional route number 3
PIRSA	(Department of) Primary Industries and Resources, South Australia
RAAF	Royal Australian Air Force
t	tonne
TEU	twenty-foot equivalent units
VHD	Virginia Horticultural District
vkt	vehicle kilometres travelled
vpd	vehicles per day
WRSV	Water Reticulation Systems Virginia
WWTP	wastewater treatment plant
y	year

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