

Attachment 18

Management System Certification

BUREAU VERITAS
Certification



Certification

Awarded to

CONEXA TOPCO PTY LTD **T/A CONEXA INFRASTRUCTURE PARTNERS**

SUITE 1005, 147 PIRIE STREET, ADELAIDE, SA 5000
AUSTRALIA

(SEE APPENDIX FOR FURTHER COMPANY NAMES, SITES AND SCOPES)

Bureau Veritas certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards indicated below

STANDARD

ISO 45001:2018

SCOPE OF SUPPLY

THE OWNER OF WATER AND WASTEWATER INFRASTRUCTURE ASSETS AND THE MANAGEMENT, OPERATION AND MAINTENANCE OF WATER AND WASTEWATER INFRASTRUCTURE. ENGINEERING CONSULTING SERVICES FOR WATER AND WASTEWATER INFRASTRUCTURE.

Original Approval Date: **25 January 2021**

Subject to the continued satisfactory operation of the organisation's Management System,

this certificate is valid until: **25 March 2027**

To check the validity of this certificate please call tel. **1800 855 190**

Further clarification regarding the scope of this certificate and the applicability of the Management System requirements may be obtained by consulting the organisation.

Certificate Number: **AU005539-1**

Andrew Mortimore
VP/CE CIF Pacific Region

Date: **20 March 2024**



BUREAU
VERITAS

Managing office: Bureau Veritas Pty Ltd, Level 11, 500 Collins Street,
Melbourne, Victoria, 3000, Australia

Issuing office: Bureau Veritas Pty Ltd, Level 11, 500 Collins Street,
Melbourne, Victoria, 3000, Australia

JAS-ANZ



BUREAU VERITAS
Certification



Bureau Veritas Certification have issued this
appendix to the Certificate of Approval awarded to

CONEXA TOPCO PTY LTD T/A CONEXA INFRASTRUCTURE PARTNERS

SUITE 1005, 147 PIRIE STREET, ADELAIDE, SA 5000

AUSTRALIA

CERTIFICATE NUMBER

AU005539-1

COMPANY NAMES, SITES AND SCOPES

CONEXA TOPCO PTY LTD

T/A CONEXA INFRASTRUCTURE PARTNER (ACN 616 144 471)

CONEXA PTY LTD (ACN 129876213)

AQUANET SYDNEY PTY LTD (ACN 131235124)

ROSEHILL NETWORK PTY LTD (ACN 131213691)

KOORAGANG WATER PTY LTD (ACN 609789808)

LIGHTSVIEW REWATER SUPPLY CO PTY LTD (ACN 156161867)

Suite 1005, 147 Pirie Street, Adelaide, SA, 5000, Australia

The owner of water and wastewater infrastructure assets and the management, operation and maintenance of the Lightsview Rewater Scheme.

WILLUNGA BASIN WATER CO PTY LTD (ACN 081133619)

120 Main Road, McLaren Vale, SA, 5171, Australia

The ownership, operation, maintenance and management of the water and wastewater infrastructure assets for the Willunga Basin Water Scheme.

CONEXA PROJECTS & OPERATIONS PTY LTD

9 Gipps Street, Carrington, NSW, 2294, Australia

Unit 4, 100 Monash Drive, Dandenong South, VIC, 3975, Australia

Engineering consulting services for water and wastewater infrastructure and the provision of operation and maintenance services to the water and wastewater industry.

ISSUE DATE: 20 March 2024



**BUREAU
VERITAS**

BUREAU VERITAS
Certification



Certification

Awarded to

CONEXA TOPCO PTY LTD

T/A CONEXA INFRASTRUCTURE PARTNERS

**SUITE 1005, 147 PIRIE STREET, ADELAIDE, SA 5000
AUSTRALIA**

((SEE APPENDIX FOR FURTHER COMPANY NAMES, SITES AND SCOPES))

Bureau Veritas certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards indicated below

STANDARD

ISO 14001:2015

SCOPE OF SUPPLY

**THE OWNER OF WATER AND WASTEWATER INFRASTRUCTURE ASSETS AND THE
MANAGEMENT, OPERATION AND MAINTENANCE OF WATER AND WASTEWATER
INFRASTRUCTURE. ENGINEERING CONSULTING SERVICES FOR WATER AND
WASTEWATER INFRASTRUCTURE.**

Original Approval Date: **26 March 2015**

Subject to the continued satisfactory operation of the organisation's Management System,

this certificate is valid until: **25 March 2027**

*To check the validity of this certificate please call tel. **1800 855 190***

Further clarification regarding the scope of this certificate and the applicability of the Management System requirements may be obtained by consulting the organisation.

Certificate Number: **AU005538-1**

Date: **20 March 2024**

Andrew Mortimore
VP/CE CIF Pacific Region

Managing office: Bureau Veritas Pty Ltd, Level 11, 500 Collins Street,
Melbourne, Victoria, 3000, Australia

Issuing office: Bureau Veritas Pty Ltd, Level 11, 500 Collins Street,
Melbourne, Victoria, 3000, Australia

JAS-ANZ



**BUREAU
VERITAS**

BUREAU VERITAS
Certification



Bureau Veritas Certification have issued this
appendix to the Certificate of Approval awarded to

CONEXA TOPCO PTY LTD T/A CONEXA INFRASTRUCTURE PARTNERS

SUITE 1005, 147 PIRIE STREET, ADELAIDE, SA 5000

AUSTRALIA

CERTIFICATE NUMBER

AU005538-1

COMPANY NAMES, SITES AND SCOPES

CONEXA TOPCO PTY LTD

T/A CONEXA INFRASTRUCTURE PARTNER (ACN 616 144 471)

CONEXA PTY LTD (ACN 129876213)

AQUANET SYDNEY PTY LTD (ACN 131235124)

ROSEHILL NETWORK PTY LTD (ACN 131213691)

KOORAGANG WATER PTY LTD (ACN 609789808)

LIGHTSVIEW REWATER SUPPLY CO PTY LTD (ACN 156161867)

Suite 1005, 147 Pirie Street, Adelaide, SA, 5000, Australia

The owner of water and wastewater infrastructure assets and the management, operation and maintenance of the Lightsview Rewater Scheme.

WILLUNGA BASIN WATER CO PTY LTD (ACN 081133619)

120 Main Road, McLaren Vale, SA, 5171, Australia

The ownership, operation, maintenance and management of the water and wastewater infrastructure assets for the Willunga Basin Water Scheme.

CONEXA PROJECTS & OPERATIONS PTY LTD

9 Gipps Street, Carrington, NSW, 2294, Australia

Unit 4, 100 Monash Drive, Dandenong South, VIC, 3975, Australia

Engineering consulting services for water and wastewater infrastructure and the provision of operation and maintenance services to the water and wastewater industry.

ISSUE DATE: 20 March 2024



**BUREAU
VERITAS**

BUREAU VERITAS
Certification



Certification

Awarded to

CONEXA TOPCO PTY LTD **T/A CONEXA INFRASTRUCTURE PARTNERS**

SUITE 1005, 147 PIRIE STREET, ADELAIDE, SA 5000
AUSTRALIA

(SEE APPENDIX FOR FURTHER COMPANY NAMES, SITES AND SCOPES)

Bureau Veritas certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards indicated below

STANDARD

ISO 9001:2015

SCOPE OF SUPPLY

THE OWNER OF WATER AND WASTEWATER INFRASTRUCTURE ASSETS AND THE MANAGEMENT, OPERATION AND MAINTENANCE OF WATER AND WASTEWATER INFRASTRUCTURE. ENGINEERING CONSULTING SERVICES FOR WATER AND WASTEWATER INFRASTRUCTURE.

Original Approval Date: **26 March 2015**

Subject to the continued satisfactory operation of the organisation's Management System,

this certificate is valid until: **25 March 2027**

To check the validity of this certificate please call tel. **1800 855 190**

Further clarification regarding the scope of this certificate and the applicability of the Management System requirements may be obtained by consulting the organisation.

Certificate Number: **AU005537-1**

Andrew Mortimore
VP/CE CIF Pacific Region

Date: **20 March 2024**



BUREAU
VERITAS

Managing office: Bureau Veritas Pty Ltd, Level 11, 500 Collins Street,
Melbourne, Victoria, 3000, Australia

Issuing office: Bureau Veritas Pty Ltd, Level 11, 500 Collins Street,
Melbourne, Victoria, 3000, Australia

JAS-ANZ



www.jas-anz.org/register

BUREAU VERITAS
Certification



Bureau Veritas Certification have issued this
appendix to the Certificate of Approval awarded to

CONEXA TOPCO PTY LTD T/A CONEXA INFRASTRUCTURE PARTNERS

SUITE 1005, 147 PIRIE STREET, ADELAIDE, SA 5000

AUSTRALIA

CERTIFICATE NUMBER

AU005537-1

COMPANY NAMES, SITES AND SCOPES

CONEXA TOPCO PTY LTD

T/A CONEXA INFRASTRUCTURE PARTNER (ACN 616 144 471)

CONEXA PTY LTD (ACN 129876213)

AQUANET SYDNEY PTY LTD (ACN 131235124)

ROSEHILL NETWORK PTY LTD (ACN 131213691)

KOORAGANG WATER PTY LTD (ACN 609789808)

LIGHTSVIEW REWATER SUPPLY CO PTY LTD (ACN 156161867)

Suite 1005, 147 Pirie Street, Adelaide, SA, 5000, Australia

The owner of water and wastewater infrastructure assets and the management, operation and maintenance of the Lightsview Rewater Scheme.

WILLUNGA BASIN WATER CO PTY LTD (ACN 081133619)

120 Main Road, McLaren Vale, SA, 5171, Australia

The ownership, operation, maintenance and management of the water and wastewater infrastructure assets for the Willunga Basin Water Scheme.

CONEXA PROJECTS & OPERATIONS PTY LTD

9 Gipps Street, Carrington, NSW, 2294, Australia

Unit 4, 100 Monash Drive, Dandenong South, VIC, 3975, Australia

Engineering consulting services for water and wastewater infrastructure and the provision of operation and maintenance services to the water and wastewater industry.

ISSUE DATE: 20 March 2024



**BUREAU
VERITAS**

Attachment 19

Rosehill Water Quality Management Plan

Rosehill Network Pty Ltd

ACN 131 213 691

**RRWS-IMS-DOC-003
Water Quality Management Plan**

Contents

1.	Introduction	5
1.1	Rosehill Scheme Overview	5
2.	Executive Summary	5
2.1	Purpose	5
2.2	Expertise in producing and maintaining recycled water quality	6
2.2.1	Design, management and regulation	6
2.2.2	Design and construction	7
2.2.3	Operation	7
2.2.4	Independent verifier	7
3.	Abbreviations	7
4.	Terms and definitions	8
5.	Analysis of the recycled water	8
5.1	Recycled water quality	8
5.1.1	Source of water	8
5.1.2	Recycled water quality	8
5.1.3	End uses	9
5.1.4	Routes of exposure	9
5.1.5	Receiving environment	9
5.2	Recycled water system	9
5.2.1	Key characteristics	9
5.2.2	System analysis	11
5.2.3	Review of system analysis	12
5.3	Recycled water quality data	12
5.3.1	Historical data	12
5.3.2	Assessment of data	13
6.	Preventative measures for water quality management	13
6.1	Preventative measures	13
6.1.1	Multiple barrier approach	13
6.1.2	Additional preventative measures	15
6.1.3	Document preventative measures and strategies	15
6.2	Critical control points	15
6.2.1	Identification of critical control points	15
6.2.2	Establish mechanisms for operational control	16
7.	Verification of recycled water quality	16
7.1	Recycled water quality monitoring	16
7.1.1	Characteristics to be monitored	16
7.1.2	Operational plan	16
7.1.3	Documentation and training	16

7.2 Recycled water users	17
7.2.1 Enquiry and response for customers.....	17
7.2.2 Customer satisfaction and communication.....	17
7.3 Recycled water quality reporting	17
8. Validation, research and development	17
8.1 Validation processes	17
8.2 Change in conditions and new equipment	18
8.3 Design of equipment	18
8.3.1 Validation of equipment and infrastructure.....	18
8.3.2 Validation of processes	18
8.4 Investigation studies and research monitoring	19
9. Operator, contractor and user awareness	20
9.1 Recycled water quality awareness.....	20
9.1.1 Operator and contractor awareness	20
9.1.2 End user awareness.....	20
9.2 User consultation strategy.....	20
9.3 Promotion of benefits of recycled water use	21
9.4 Unintended use	21
9.5 Unauthorised uses	21
10. Veolia reference documents	21
Appendix 1: Overview of the Rosehill scheme	23
Appendix 2: Rosehill scheme contractual framework	24

Attachment 20

Lightsview SRMTM Plan

Lightsview ReWater Supply Co Pty Ltd

ACN 156 161 867

**LRSC-IMS-DOC-QA-005
Safety, Reliability, Maintenance and Technical Management Plan**

Water Industry Act 2012 (SA), s 68(2)



Contents

1.	Introduction	5
1.1	Statement of the purpose	5
1.2	Scope and objective	5
1.3	Organisational background information	5
1.4	Relationship with stakeholders	6
1.5	Organisation structure	6
1.6	SRMTMP and its responsibilities	8
1.6.1	Responsible person for the plan and revision information	8
1.6.2	Communication of the plan	8
1.7	Legislation, codes and standards	9
1.8	Approvals and licences	10
2.	Definitions	10
3.	Description of the operation	11
3.1	Introduction	11
3.2	Asset description	12
4.	Organisational safety and reliability	15
4.1	Leadership and commitment	15
4.1.1	Policy, procedures and guidelines	15
4.1.2	Organisational procedures and commitment to competence	15
4.2	Effective planning	16
4.2.1	Design	16
4.2.2	Design life of plant	16
4.2.3	Safety in design requirements	17
4.2.4	Procurement	17
4.3	Controlled implementation	17
4.3.1	Construction and commissioning	17
4.3.2	Operations and maintenance	18
4.3.3	De commissioning, demolition, abandonment and / or disposal	19
4.3.4	Emergency response management	19
4.4	Monitoring and evaluation	20
4.4.1	Incident classification, management, reporting and investigation	20
4.4.2	Documentation and reporting	21
4.5	Audit and review	21
5.	Formal safety and reliability assessment	22
5.1	General	22
5.2	Risk response, mitigation and control	23
5.3	Risk assessment	24
6.	Asset management	25
6.1	Asset management systems	25
6.2	Operations and maintenance decision making	26
6.3	Asset lifecycle and maintenance versus replacement	26
6.4	Long term asset planning	26
6.5	Resourcing strategy and optimisation	27
6.6	Maintenance program	27

- 7. Contract management27
 - 7.1 General.....27
 - 7.2 Contracting risks, mitigation, review and audit28
 - 7.3 Contractor management28
- 8. Customer / public protocols and agreements29
 - 8.1 General.....29
 - 8.2 Supply agreements30
- 9. Compliance monitoring30
 - 9.1 Monitoring compliance with safety and technical requirements.....30
 - 9.2 Periodic audit of operations31

Tables and Figures

- Figure 1.1: Organisational Structure6
- Table 1.1: Existing regulatory approvals10
- Table 2.1: Recycled water distribution system to PAEC reserves external to Lightsview14
- Table 8.1: Key operational performance indicators.....31

- Appendix 1: Risk assessment matrix33

Attachment 21

Corporate Profile_coNEXA



Your end-to-end
Water Infrastructure Partner





...we take the long view

coNEXA is a long-term partner in water infrastructure that continuously seeks to improve outcomes for our Clients and Communities. We collaborate with our Clients to develop creative technical and commercial solutions to complex infrastructure challenges. Our core values of safety, innovation and sustainability are aligned with those of our Clients.



coNEXA is a new name for an established business.

It combines the global investment experience of Igneo Infrastructure Partners with the proven infrastructure ownership model of Water Utilities Australia and the deep design, delivery and operational working knowledge of Permeate Partners.



Igneo Infrastructure Partners has been managing infrastructure investments for almost 30 years. Over 65 investment specialists in Igneo are entrusted by ~100 Clients to manage \$14.8bn in assets. Igneo is part of First Sentier Investors which manages over \$250bn of investments.



Water Utilities Australia currently manages >\$250m of assets and provides services to over 2,000 customers. Each year our systems provide up to 18GL of recycled water for residential, industrial and agricultural end users. Water Utilities Australia has a proven investment model for water infrastructure.



Since 2008, Permeate Partners has been providing end-to-end engineering and operational services for local water solutions and systems which incorporate membrane technology. It prides itself on delivering practical, robust and cost-effective solutions that provide fit for purpose water and long-term performance.



Willunga Basin Water

Long term water security
for McLaren Vale



240
customers



6GL/yr
of recycled water



160km
of network



\$500m
of economic value

Willunga Basin Water (a wholly owned coNEXA subsidiary) provides over 6GL/year of recycled water to 240 Customers in the McLaren Vale region. This climate independent source of irrigation water provides much needed water security and underpins \$500m/year of economic activity.

Using ~160km of network, pump stations and 1,960ML of storage, coNEXA has provided an uninterrupted recycled water supply to the McLaren Vale region since 2013. coNEXA will continue to invest in the scheme to ensure its reliability and extend the scheme to additional Customers.



AquaNet

High quality recycled water
for Western Sydney



Partner

with Sydney Water



20ML/D

of capacity



20km

of network



Growth

focused

AquaNet (a wholly owned coNEXA subsidiary) developed the 20MLD Rosehill Recycled Water Scheme as part of a response to the Millennium Drought. Secondary effluent from the Liverpool – Ashfield pipeline is upgraded via ultrafiltration, reverse osmosis and chlorination to meet strict product requirements for industrial use.

coNEXA acquired AquaNet in 2019 and is committed to continuing a partnership with Sydney Water to provide recycled water for Western Sydney. We know that recycled water will play an important role in securing Sydney's water future and contribute to liveability outcomes.



Sydney Science Park

Local recycled water production
in \$5B precinct


20,000
customers


3ML/D
of recycled water


Irrigation
of Open Space


>\$5B
development



coNEXA Projects & Operations (formerly Permeate Partners) was engaged by Sydney Water to collaborate in the development of a local water solution for the proposed Sydney Science Park. It was important for the developer, Celestino, that the local Recycled Water Plant integrated with the community, reduced the potable water needs of the development and provided a drought proof supply of irrigation water.

coNEXA has provided support through all stages of design development and is actively supporting Sydney Water through construction.



Kooragang Industrial Water

Reducing potable water demand in the Hunter

- Partner**
with Stakeholders
- 3GL/yr**
of recycled water
- Reuse**
by industry
- 5% Hunter**
potable demand



BEHIND THIS GLASS UP TO 9 MILLION LITRES OF TREATED WATER PASSES THROUGH THESE PIPES EACH DAY

KEEP YOUR DISTANCE AND HELP PREVENT THE SPREAD
WHENEVER POSSIBLE STAY 1.5m APART

STAY HOME IF YOU ARE SICK
WEAR YOUR MASK RESPONSIBLY
CLEAN YOUR COUCH & SURFACES



DID YOU KNOW?

30%
OF WATER CONSUMED IN YOUR HOME IS USED IN THE SHOWER?

Using less water in the shower saves water, energy and the environment. You can save water in the shower if you:

- Use a 3 star WELS rated shower head and save up to 9 litres of water per minute in the shower.
- Take shorter showers – use a timer and set it to 4 minutes.
- Use a bucket to collect water while waiting for it to get hot.

The Kooragang Industrial Water Scheme (KIWS) was developed by Hunter Water to supply high quality recycled water to replace the industrial uses of potable water at the Orica Kooragang Island site. In addition to making a material contribution to the region's water security, the scheme has also reduced the mass of nutrients discharged to the Hunter River.

Since acquiring KIWS from Hunter Water in 2017, coNEXA has continued to explore expansion of the scheme to other end users on the Island and the broader Newcastle area.

Clarence RWP

Local water solution for
Clarence Correctional Centre



Partner
with JHG / Serco



1.2ML/D
of capacity



Recycle
all wastewater

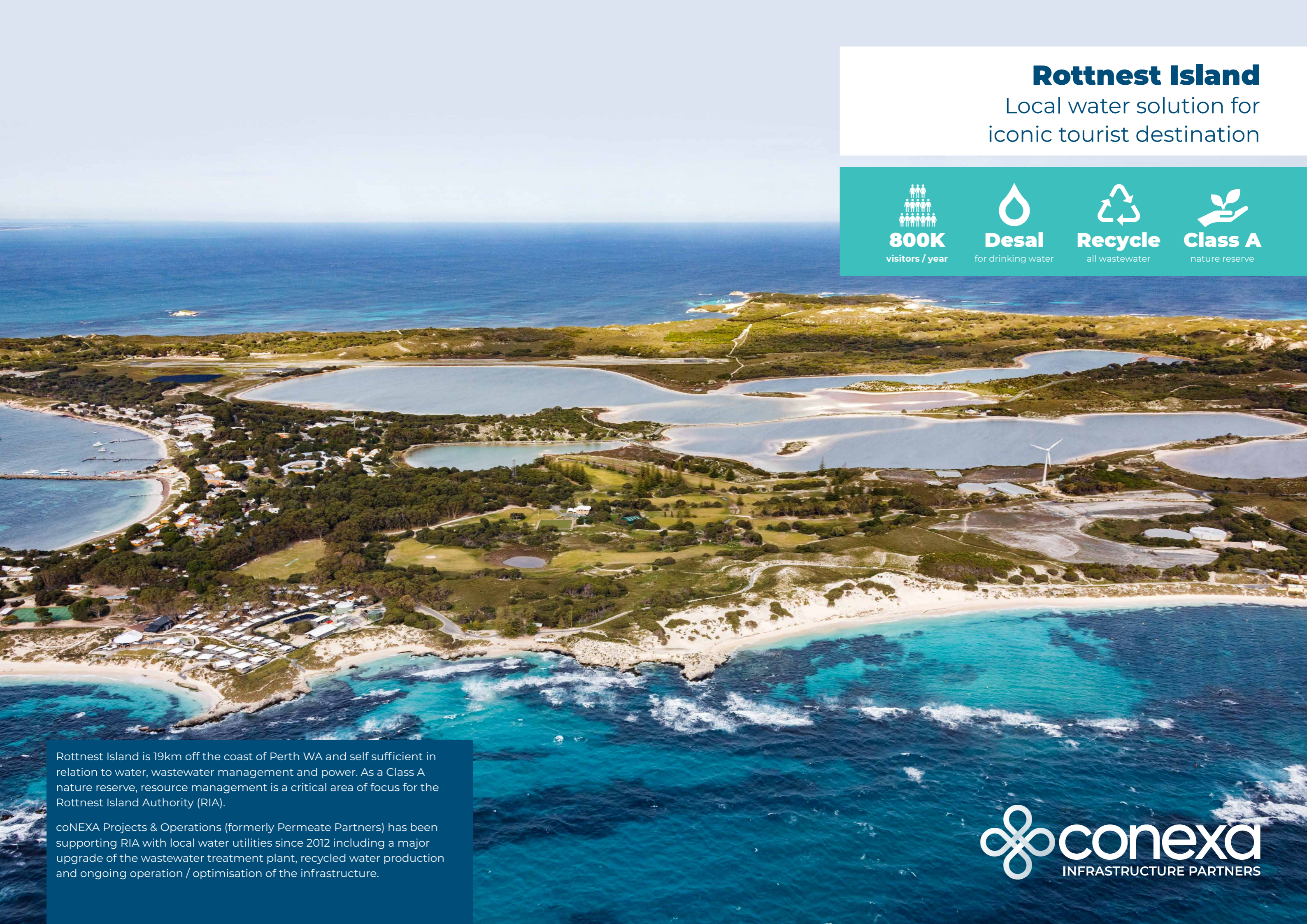


1,700
inmates

Clarence Correctional Centre is an availability-based public-private partnership project between the New South Wales Government and the NorthernPathways Consortium to design, build, finance and maintain a 1,700-bed Correctional Centre in Grafton, New South Wales.

coNEXA Projects & Operations (formerly Permeate Partners) designed a local Recycled Water Plant (RWP) for the Centre and assisted John Holland through procurement, construction and commissioning. coNEXA operates and maintains the RWP via a long-term contract with Serco.





Rottneest Island

Local water solution for iconic tourist destination



800K
visitors / year



Desal
for drinking water



Recycle
all wastewater



Class A
nature reserve

Rottneest Island is 19km off the coast of Perth WA and self sufficient in relation to water, wastewater management and power. As a Class A nature reserve, resource management is a critical area of focus for the Rottneest Island Authority (RIA).

coNEXA Projects & Operations (formerly Permeate Partners) has been supporting RIA with local water utilities since 2012 including a major upgrade of the wastewater treatment plant, recycled water production and ongoing operation / optimisation of the infrastructure.





www.conexa.com

1300 266 392 | INFO@CONEXA.COM

SYDNEY | NEWCASTLE | GRAFTON | ADELAIDE | MELBOURNE | PERTH | DARWIN

