



# **Application Form**

## **Network Operator**

**Water Industry Competition Act 2006**

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# Application Form: Network Operator

## Application to become a licensee under the Water Industry Competition Act 2006

### Who should complete this form?

This form is for corporations that wish to become licensees under the *Water Industry Competition Act 2006* (the WIC Act). A copy of the WIC Act is available on the Independent Pricing and Regulatory Tribunal (IPART) website, at <http://www.ipart.nsw.gov.au/water/private-sector-licensing/regulatory-framework.asp>.

### What do you need to complete this form?

It is essential that you refer to the 'How to Apply Guide' document <http://www.ipart.nsw.gov.au/water/private-sector-licensing/application-forms.asp> when completing this form. This document will guide you in answering every question. It is available on the IPART website.

If you have further questions about your application, you can contact the Utility Licensing team in IPART by:

- ▼ emailing: [compliance@ipart.nsw.gov.au](mailto:compliance@ipart.nsw.gov.au) or
- ▼ telephoning: (02) 9290-8400 (general number).

In general, IPART would also encourage you to discuss your licence application form and obtain assistance from the Utility Licensing team *prior* to formally submitting your application. Once we receive your application, we will assign you a Contact Officer, who will manage your application and remain in contact with you throughout the process.

### Is there an application fee?

Yes, there is a fee of \$2,500 per licence application. If you are applying for both a Network Operator's Licence and Retail Supplier's Licence, the fee will be \$5,000.

### How do you submit the application?

When you have completed your application, you should mark it to the attention of the Utility Licensing team, and submit it to IPART in person, via email or via post:

In person	Via email	Via post
Attention: Utility Licensing Independent Pricing and Regulatory Tribunal Level 8 1 Market Street Sydney NSW 2000	Attention: Utility Licensing Independent Pricing and Regulatory Tribunal  <a href="mailto:compliance@ipart.nsw.gov.au">compliance@ipart.nsw.gov.au</a>	Attention: Utility Licensing Independent Pricing and Regulatory Tribunal PO Box Q290 QVB Post Office Sydney NSW 1230

The application should include:

- ▼ one hard copy and one electronic copy of the completed application form and supporting documentation, and
- ▼ the appropriate licence application fee either by cheque made payable to the Independent Pricing and Regulatory Tribunal of NSW or by electronic transfer to:

Westpac Banking Corporation

BSB: 032-001

Account No: 205717

If payment is made electronically, please provide a copy of the electronic transfer receipt with your licence application.

### **Confidential information**

IPART uses open public processes to consider applications. Unless confidentiality is agreed, IPART treats applications as public documents. It publishes applications on its website and distributes them to interested parties as appropriate.

Where confidentiality is agreed with IPART, applicants should provide separate confidential and public copies of their application. In particular, applicants should provide:

- ▼ **a confidential application**, which is clearly marked “confidential” and clearly identifies the confidential information that should not be publicly released, and
- ▼ **a public application**, which does not contain confidential information, for publication and distribution by IPART.

Each of these versions should be provided in electronic and hard copy form.

IPART will furnish a copy of the confidential application to the Ministers prescribed by the WIC Act and regulations, in accordance with section 9(1)(b) of the WIC Act (refer to Part 5(b) of this application for further details). IPART will publish the public application on its website.

A request for access to confidential information will be determined in accordance with the *Freedom of Information Act 1989*.

### **Important note to applicants**

The granting of a licence does not allow the licensee to bring any *new* water or sewerage infrastructure into immediate commercial operation. A licensee must also obtain separate approval from the Minister before commencing commercial operation of a new water or sewerage infrastructure (this is explained in further detail in the ‘How to Apply Guide’).

Please also note that the granting of a licence does not guarantee that the licensee will be financially successful in the marketplace.

## Part 1: Introduction

A network operator’s licence authorises the licensee to construct, maintain and operate water industry infrastructure. The information requested in this part of the Application Form is intended to provide a high-level overview of the activity that is to be the subject of the licence.

**You must attach any additional information or supporting documentation in response to a question in the Application Form in an Appendix referenced Appendix A, B, C etc, with a title corresponding to the question. For example, your response to question 1(e) would be titled “Appendix X - Are any third parties providing services in relation to the activities to be authorised under the licence?”**

### 1(a) What type of network operator’s licence are you applying for?

Tick the applicable box(es) below.

Activity being licensed	Network Operator’s Licence
Water infrastructure – drinking water	<input type="checkbox"/>
Water infrastructure – non-potable water (including supply of recycled water)	<input checked="" type="checkbox"/>
Sewerage Infrastructure	<input type="checkbox"/>

### 1(b) Who is the applicant?

Corporation Name	Veolia Water Australia Pty Ltd
ACN	061 161 279
Place of Incorporation	New South Wales
Address of Applicant’s Registered Office	Level 4, Bay Centre, 65 Pirrama Road, Pyrmont, NSW 2009
Address of Principal Place of Business (if different from Registered Office)	

**1(c) Who manages the applicant corporation?**

Provide the full name, date of birth and residential address of the Chief Executive Officer and Directors of the applicant corporation to assist ASIC and ITSA searches.

Full name	Peter McVean	Chris Godfrey	Rod Naylor	Douglas Dean
Title	Chief Executive Officer	Chief Financial Officer	Executive Director	Director
Date of birth	15 <sup>th</sup> May 1951	27 <sup>th</sup> May 1971	28 <sup>th</sup> April 1968	8 <sup>th</sup> May 1951
Residential address	92 William Edward Street Longueville NSW 2066	21 Robert Street Willoughby East NSW 2068	2 Ross Street North Curl Curl NSW 2099	11 Cambridge Street Willoughby NSW 2068

**1(d) Who is the contact person for the application?**

Contact Person	Stephen Byrne
Title	General Counsel
Role	Company Secretary
Postal Address	Level 4, Bay Centre, 65 Pirrama Road, Pyrmont
State / Postcode	NSW 2009
Business Telephone Number	(02) 8572 0300
Mobile Telephone Number	
Fax Number	(02) 8572 0313
Email Address	Stephen.Byrne@veoliawater.com.au

This should be a senior officer who is authorised to speak on behalf of the applicant corporation.

**1(e) Are any third parties providing services in relation to the activities to be authorised under the licence?**

Provide details of any arrangements with third parties to provide services in relation to the activities authorised under the licence.

Name of third party	Address	Contact person	Describe the services provided by the third party	Describe the arrangements with the third party
Veolia Water Solutions & Technologies Australia PTY LTD	Level 4, 65 Pirrama Road Pyrmont NSW 2009	Samson Tam	Design & construction of the recycled water treatment plant	D&C contract VWS&T is a sister company of VWA
General Water Australia PTY Limited	Level 4, 65 Pirrama Road Pyrmont NSW 2009	Michael Boake	Operation & maintenance of the treatment plant	General Water Australia is wholly owned by Veolia Water Australia

### 1(f) What activity is to be licensed?

- i. Are you constructing, maintaining and/or operating the infrastructure? Tick the applicable box(es) below.

Drinking Water Infrastructure	Non potable Water Infrastructure	Sewerage Infrastructure
<input type="checkbox"/> Construct	<input checked="" type="checkbox"/> Construct	<input type="checkbox"/> Construct
<input type="checkbox"/> Maintain	<input checked="" type="checkbox"/> Maintain	<input type="checkbox"/> Maintain
<input type="checkbox"/> Operate	<input checked="" type="checkbox"/> Operate	<input type="checkbox"/> Operate

If you do not intend to perform all three functions, name the other companies that will be involved in performing these activities and your relationship with them.

Briefly describe the type of infrastructure to be constructed, maintained and/or operated, including:	Recycled water treatment plant – recycle effluent from Liverpool & Glenfield STP's
<ul style="list-style-type: none"> <li>■ the type of technology to be used</li> </ul>	Coagulation, Ultrafiltration, Reverse Osmosis, Ion Exchange, Disinfection(chlorination)
<ul style="list-style-type: none"> <li>■ key customer and supplier groups</li> </ul>	Aquanet, SWC, end customers as described in Section 1(i)
<ul style="list-style-type: none"> <li>■ the purpose for which the infrastructure will be used</li> </ul>	Supply recycled water to industry in lieu of potable water
<ul style="list-style-type: none"> <li>■ expected volumes of water or sewage to be extracted, treated, collected and/or distributed</li> </ul>	Extracted from LAP: upto 32,000kL/day, Supply to customer: upto 20,000kL/day, (possible expansion to 25,000kL/day) Waste sent to sewer: upto 12,000kL/day

If relevant, describe the infrastructure that already exists in relation to the activity	Liverpool to Ashfield Pipeline (LAP) built by Sydney Water Corporation
Does infrastructure need to be constructed? If yes, what is needed and when is construction expected to commence?	Yes, a recycled water treatment plant is to be constructed, including tanks, process technology as mentioned above, administration building and pump station. Construction is due to commence in January 2009
When is supply/service expected to commence?	February 2011

**ii. Will the applicant own the infrastructure? Tick the applicable box below.**

<input checked="" type="checkbox"/>	<b>Yes</b>
<input type="checkbox"/>	<b>No</b> If No, then explain who will own the infrastructure and the nature of your arrangements for accessing the infrastructure.

**1(g) Where will the infrastructure be located and why have you chosen that location?**

**i. Provide details of the site(s) where the different components of the infrastructure will be located.**

Site Number	Site Name	Location	Type of Operation
1	Fairfield Recycled water treatment plant	Corner of North street and East Parade Fairfield	Operations office, Treatment plant and Pumping station

**Briefly describe why you chose this location for the infrastructure.**

This location is next to an existing stormwater treatment plant and is already zoned for water infrastructure. This site:

- Is close to the Liverpool to Ashfield Pipeline from which the plant will draw secondary treated effluent as feed
- Has sufficient area for the plant and
- Is close to key customers (initial & future)



## 1(h) Interconnections to the infrastructure

<p>Provide the identity of each licensed retail supplier or public water utility that has access to the infrastructure for the purpose of supplying water or sewerage services to its customers</p>	<p>As at the date of this application no licensed retail supplier or public water utility has access to the proposed infrastructure.</p>
<p>Describe any other water or sewerage infrastructure connected to the infrastructure, including information on the type and function of each interconnection and explicitly identify who owns/controls valves at the boundary</p>	<ol style="list-style-type: none"> <li>1. <b>Effluent feed pipe:</b> The pipeline transferring effluent from the LAP to the Plant (feed effluent pipeline) will be connected to the LAP at the 600 mm off-take nominated by Sydney Water. It has been confirmed by Sydney Water that a connection and double valving will be provided on the LAP for this purpose. JEMENA will build, operate and maintain the pipeline between the LAP connection point and the Plant site property boundary. Veolia will construct (and VWA operate and maintain) the pipeline from the Plant site boundary to the Plant.</li>   <li>2. <b>Potable water supply:</b> A potable water supply will be required at the Plant for domestic use. This includes the Plant admin building and safety facilities such as eyewash stations and showers. Veolia is responsible for this connection.    <p>The Plant will also be connected to the existing SWC potable water supply network to provide the system with top-up water supply. The Potable top up connection will be built and maintained by JEMENA. The potable connection will run from the 200 mm main, located in East Parade Fairfield, near the entrance to Fairfield Storm Sewerage Treatment Plant (SSTP) and connect to the reservoir.</p> <p>The potable top-up connection will pass through an approved air-gap to prevent back-flow of recycled water into the potable water system.</p> </li>   <li>3. <b>Recycled water pipe:</b> Veolia is responsible for construction of the recycled water pipe running between the Recycled Water Storage Tank to the Recycled Water Pumping Station, which will terminate with a flange at the building wall or floor inside the Recycled Water Pumping Station. Jemena is responsible for the O&amp;M of this pipeline.    <p>Jemena is responsible for the construction, operation and maintenance of the section of the Recycled Water Pump station and Recycled Water Delivery Pipeline which runs from the outlet of the Recycled Water Pumping Station to the Plant property boundary.</p> </li> </ol>

	<p>4. <b>Sewer connection:</b> The Plant will require connection to the sewer in two locations. The first for the combined process waste stream which will be discharged as trade waste and the second for domestic waste from the amenities building.</p> <p>Veolia is responsible for the construction, operation and maintenance of the waste discharge pipeline to the Plant property boundary.</p> <p>5. <b>Trade waste discharge line:</b> Veolia is responsible for the construction, maintenance of this pipeline to the Plant property boundary. JEMENA is responsible for construction, operation and maintenance of the pipeline from the Plant property boundary to the SWC sewer connection point.</p>

**1(i) Who are the customers/end users?**

Provide details on customers/end users in the table below.

Type of customers/end users (eg, commercial, industrial, agricultural, residential)	For each type of customer/end user describe how the water will be used	Location of customers/end users	Number of customers/end users	Expected water demand or sewage discharge (kL/day)
Shell Refinery – Industrial		Durham Street Rosehill NSW	1	
Bassel – Industrial		Durham Street Rosehill NSW	1	
Boral Gypsum – Industrial		Thackeray Street Camellia NSW	1	
James Hardie – Industrial		Colquhoun Street Rosehill NSW	1	
Sydney Turf Club – Agricultural		Rosehill Racecourse NSW	1	
Visy – Industrial		Herbert Place Smithfield NSW	1	
Marubeni Power – Industrial		Herbert Place Smithfield NSW	1	

Please also provide documentary evidence or outline any discussions or agreements you have or intend to have with intended customers/end users for the services to be provided by the infrastructure in an Appendix.

This will be provided by AquaNet/Jemena in their submission.

**1(j) What is the area within which you are seeking to carry out the activities to be licensed?**

**Please attach a map of the area of operations for the activities to be licensed in an Appendix. The map should provide a locational schematic of any pipe networks and identify points of interconnection with any other infrastructure, the location of customers or end user(s), the surrounding land use(s) within 100m of the non-pipe network infrastructure and (where relevant) any application areas, and any sensitive receiving environment(s). Please clearly identify legal property boundaries and the location of your infrastructure.**

Please see Appendix 1j for Recycled water treatment plant detail:

## 1(k) Quantity of Water or Sewage

**i. Does your activity promote the production and use of recycled water?**

If yes, explain how

The Rosehill Recycled Water Scheme will relieve pressure on Sydney's drinking water supplies by providing key high volume water users with an alternative water source.

**ii. What is the volume of water or sewage available or to be managed?**

For each source from which the water or sewage handled by the infrastructure is drawn:

- describe the quantity and type of water or sewage that will be taken
- ensure you identify where the water or sewage is being sourced from a public water utility.

The only source is recycled water taken from the LAP (Liverpool to Ashfield Pipeline) The initial quantity drawn is upto 32,000kL/day for production of upto 20,000kL/day(upgradeable to 25,000kL/day)  
 Type/quality of water is secondary treated sewage from Sydney Water Corporation's Liverpool & Glenfield STP's.  
 Public Utility is Sydney Water Corporation

If the capacity of the water or sewage source(s) is known, what is the capacity of the source(s) as total daily volumetric flow rate (kL per day) and as average and peak demand flow rate?

Capacity of source: 55,000kL/day  
 Average and peak demand flows are unknown at time of application  
 NB: The LAP will be provided to other users in future

What is the expected extraction rate from the source(s) (kL/day)?

32,000kL extracted for treatment per day – Max case  
 16,600kL extracted for treatment per day – average case

How, and for how long, has access to the water or sewage source(s) been secured?

Access has been granted via the Project Agreement for the 20 year term. The Project Agreement is between SWC and AquaNet and was executed on the 11<sup>th</sup> August 2008.

How have you addressed any 'time of use' mismatch, such as ensuring you have the physical capacity to store and/or treat, if required, and distribute the water?

3,000kL feed balance tank (inlet tank)  
 3,000kL Storage tank (outlet tank)

Please provide documentary evidence or outline any agreements, authorisations, contracts or licences that you have obtained or intend to obtain to access water or sewage source(s) and relevant infrastructure to meet your anticipated customer needs in an Appendix.

- Obtained by VWA:
  - Plant Agreement: including Exhibits. Signed by AquaNet and Veolia Water Australia. Please see Appendix 2c for Plant Agreement Summary page.
- Obtained by others:
  - Project Agreement: including Exhibits. Signed by AquaNet and Sydney Water.
  - Pipelines Agreement: including Exhibits. Signed between the members of the “Rosehill Asset JV” and AquaNet.

The application for planning approval for the project is by Aquanet.

1(l) Public Interest Considerations

**i. How does your proposed activity address the following principles (if applicable), as set out in section 7 of the WIC Act?**

<p>The protection of public health, the environment, public safety and consumers</p>	<p><b>Public health</b></p> <p>The principal risk to public health from the Rosehill Scheme is the possibility of exposure to or misuse of the water to be distributed via the proposed network. This risk will be managed in a number of ways:</p> <ul style="list-style-type: none"> <li>• The water to be reticulated is of very high quality and poses a very low health risk. The quality specification agreed between AquaNet and Sydney Water has been set to meet the demanding requirements of the foundation customers and future potential customers i.e. end use will be any use except drinking water to be served by the network.</li> <li>• Veolia Water Australia is required contractually to meet the quality specification for the network and water quality will be monitored and controlled at the RWTP where water is received into the network. Water quality will also be monitored at points throughout the network by AquaNet.</li> <li>• It is AquaNet’s intention to provide network connections only to commercial and industrial premises thereby limiting the potential for public exposure to water from the network. AquaNet will not provide connections to its network for domestic consumers.</li> </ul> <p><b>The Environment</b></p> <p>The Rosehill Scheme is presently the subject of an application for approval under Part 3A of the Environmental Protection and Assessment Act 1979 and will be implemented in accordance with any conditions that are imposed with that approval. A determination is yet to be made as to whether a licence will be required under the Protection of the Environment Operations Act 1997, however, Jemena and the Department of Environment &amp; Climate Change have concluded that the project is not required to be licensed.</p> <p><b>Public Safety</b></p> <p>The principal risk to public safety will be during the construction phase of the project. Veolia Water Australia has extensive experience in the safe management of</p>
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	<p>infrastructure construction projects for water &amp; wastewater treatment throughout Australia. A construction safety management plan will be prepared prior to construction and will cover OHS during construction of RWTP. A draft plan is included in Appendix 2b.</p> <p>Consumers</p> <p>As a licensed Network Operator, AquaNet will have no commercial dealings with consumers. However, certain aspects of AquaNet's operation relate to the protection of consumer interests including the provision, maintenance and testing of meters.</p>
<p>The encouragement of competition in the supply of water and the provision of sewerage services</p>	<p>The Rosehill Scheme is the product of a competitive tender process conducted by Sydney Water Corporation and will provide a competitive alternative to potable water to industrial and commercial consumers along the route of the proposed network.</p> <p>As owner of the network, Jemena will also negotiate in good faith on terms and conditions of access with other licensed network operators and/or licensed retail suppliers and/or public water utilities that may seek access to the network in accordance Part 3 of the WICA.</p>
<p>The ensuring of sustainability of water resources</p>	<p>The water to be distributed via the Rosehill Scheme:</p> <ul style="list-style-type: none"> <li>• will, for the most part<sup>1</sup>, be derived from treated sewage that would otherwise be discharged to the ocean and</li> <li>• will, in most instances<sup>2</sup>, be used in direct substitution for potable water that would otherwise be supplied by Sydney Water Corporation.</li> </ul> <p>The treated sewage is a sustainable resource and by reducing consumption of potable water, the project will result in additional supplies of water being available from conventional sources for consumption or for environmental flows.</p>
<p>The promotion of production and use of recycled water</p>	<p>The Rosehill Scheme is a water recycling scheme. Importantly, the scheme involves large scale centralised production of recycled water and delivery via a distribution</p>

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<sup>1</sup> The Project Agreement provides for a back-up supply of potable water for Foundation Customers (from Sydney Water Corporation) to cover shortfalls in the supply of recycled water. Top-up water is also provided throughout the network.

<sup>2</sup> In some instances, recycled water may substitute for water from other sources or may contribute to an increase in total water consumption.

	<p>network that can be extended to new areas and expanded to meet demand growth as opportunities arise. Once established, a network can connect consumers on line-of-main who would not otherwise have access to recycled water. While the scheme will focus initially on the delivery of recycled water to Sydney Water Corporation for supply to Foundation Customers, it is AquaNet's intention to expand and extend the network over time and where it is economic to do so.</p>
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**ii. Have you identified and addressed any other public interest considerations in developing your proposed activity?**

<p>If so, discuss these other considerations in relation to the activity</p>	
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**1(m) Stakeholder Considerations**

<p>Describe the stakeholder consultation processes you have undertaken, and any future public and government consultation that will be undertaken</p>	<p>Consultation with Local Governments</p> <p>Community Consultation during Environmental Assessment</p> <p>Veolia Water Australia recognises that community consultation is an important part of the environmental assessment process and has communicated via AquaNet with the local community, businesses and other stakeholders throughout the planning process to ensure that opportunities are provided for input.</p> <p>Community feedback has been used to inform the environmental assessment that identifies potential environmental, social and economic impacts associated with the Rosehill Scheme. Local knowledge and feedback from the community, businesses and other stakeholders has helped Jemena to identify design, construction or operational measures that can mitigate impacts associated with the Scheme.</p> <p>A series of community information sessions were held to provide members of the community with the opportunity to meet directly with the project team to discuss and provide feedback on the proposal. The input received from these meetings was taken into account in formulating the application that has been made for approval of the Rosehill Scheme under Part 3A of the Environmental Planning and Assessment Act 1997.</p>
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### Community Consultation during Construction

Veolia Water Australia has extensive experience with projects like the Rosehill Scheme, that involve construction on public land and where communities are affected directly during construction.

Closer to construction, a community relations management plan will be implemented by AquaNet for the Rosehill Scheme to ensure that the community is kept well informed of activities throughout the construction process, Veolia Water Australia will provide support and information to AquaNet throughout the implementation of this plan. The plan will provide for:

- Community pre-construction surveys
- Public announcements via local newspapers
- Fact sheets
- Newsletters
- Free call 1800 community contact number
- Translation and interpreter services
- Web site with up-to-date information about the scheme's progress
- Notifications prior to and post construction
- Community, business and stakeholder satisfaction surveys.

A web-site has been established for the project:  
<http://rosehillrecycledwaterscheme.com.au/>

### Consultation with potential customers

AquaNet and its predecessors have consulted extensively with potential customers throughout the development of the Rosehill Scheme in order to understand their requirements and to inform and advise them about the advantages and implications of using recycled water in place of potable water. (Latterly that role has been taken over by Sydney Water in respect of the foundation customers).

AquaNet has appointed an Industrial & Commercial Sales Manager who maintains AquaNet's relationship with customers that have already been identified and promotes the Scheme to potential new customers. AquaNet has also supported potential customers in making application to the Government's Water Savings Fund for assistance with the

	<p>costs of converting from potable water to recycled water. Funding has been approved (conditionally) in a number of cases.</p> <p>Consultation with State Government</p> <p>AquaNet (and its predecessors and associated entities) have provided information to and consulted with the Government throughout the development of the Rosehill Scheme and the volumes to be delivered by the Scheme are included in the recycled water forecasts in the Sydney Metropolitan Water Plan. Minister Rees issued a press release endorsing the announcement (in August 2008) that AquaNet and Sydney Water had reached agreement on the Scheme.</p> <p>Veolia Water Australia and its predecessors have also contributed actively to the consultation processes conducted by IPART and the Government that culminated in the enactment of the WICA and associated Regulations.</p>
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**1(n) Additional information (optional)**

<p>Is there any additional information you believe is relevant to your licence application that you have not already provided in response to any other question in this application form?</p> <p>If so, please provide this information here</p>	
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APPENDIX 1j - What is the area within which you are seeking to carry out the activities to be licensed?

Recycled water treatment plant detail

## Part 2: Technical Capacity

You are required to demonstrate that you have, and will continue to have the technical capacity to carry out the activities to be licensed, in accordance with section 10(4) of the WIC Act.

**You must attach any additional information or supporting documentation in response to a question in the Application Form in an Appendix referenced Appendix A, B, C etc, with a title corresponding to the question. For example, your response to question 2(a) would be titled “Appendix X – What is the design of the infrastructure?”.**

## 2(a) What is the design of the infrastructure?

Describe the process to be used to extract and/or treat water or sewage.

The process will extract secondary treated sewage from Sydney Water's Liverpool to Ashfield Pipeline (LAP). This sewage effluent will be treated in a recycled water treatment plant with the primary treatment processes being ultra-filtration and reverse osmosis membranes.

Two schematics are included in Appendix 2a that provide a high level description of the scheme and the associated systems.

Appendix 2a also contains details of the recycled water plant that were provided in the tender submission to SWC. This document is as submitted by the AVA Water Consortium (at that time, Alinta and Veolia) to Sydney Water in August 2007 in response to Sydney Water's request for tenders to deliver the Rosehill Scheme. References in the document to "AVA" or "AVA Water Consortium" should now be read as "Jemena and Veolia" and references to "Alinta" should be read as "Jemena". It includes details on the design criteria, recycled water quality, a Process Flow Diagram and a series of preliminary P&IDs.

A preliminary (screening level) risk assessment of the scheme has been conducted and the potential critical control points were identified. Details of this risk assessment and the identified CCPs are provided in Appendix 2f (as they relate to primarily to protection of public health, water quality and the environment).

The final process design of the recycled water plant will not be finalised until the pilot plant trial has been completed. The pilot plant trial will also provide more accurate and detailed information on the feed effluent, waste stream and recycled water quality. This will allow the full HACCP to be completed for the scheme. The final process including specifications for process units and throughput will be provided after the completion of pilot trials and before any recycled water is supplied. The target for providing these details is December 2010.

Describe, in bullet point form, the design of the infrastructure, including details of the life-span and system redundancy built into the infrastructure or system

The plant is designed for 24-hour/day operation to produce up to 20ML/d of recycled water. The plant includes:

- Connection to the LAP and associated valving to control flow into the recycled water treatment plant.
- Basket strainers for removing material prior to entering the feed effluent storage tank.
- A 3 ML/d feed effluent storage tank in order to maintain effluent supply in the event of short-term excursions in effluent quality, and to buffer some of the diurnal flows which may be present in the LAP.
- Coagulation and flocculation for oil & grease and phosphorus removal. Submerged Ultra-Filtration (UF)

membranes.

- Two-stage Reverse Osmosis (RO) process.
- Cation exchange process.
- Degassing, pH control and chlorination.
- A detention tank with 1 hour detention time for chlorine contact.
- The monitoring point for recycled water quality will be at the outlet of the detention tank, which is after all chemical dosing, including pH adjustment.
- A 3ML recycled water storage tank at the outlet of the plant.

### **Recycled Water Plant Reliability**

The methodologies and key features that contribute to the robustness, operability, flexibility and maintainability are described below.

#### **Operating Life and Outage Rates**

The Plant has been designed with the following operating life:

- Civil works 50 years
- Mechanical Equipment 15 to 20 years
- Major Electrical Equipment 15 to 20 years
- Ultrafiltration (UF) membranes 7 years
- Reverse Osmosis (RO) membranes 5 years.

#### **Robustness, Operability, Flexibility and Maintainability**

There are several important aspects of the Plant design that provide flexibility and contribute to the robust nature of the design. These include:

- Turn down – the Plant will be capable of operating at discrete production rates ranging from one RO train on-line to all RO trains on-line (for a limited duration). The actual number of RO trains will be finalised as part of the detailed design.
- Redundancy –the Plant will have significant equipment and process redundancy including a spare UF and RO train and redundancy in key ancillary systems such as electrical (HV feeders, transformers, switchgear), pumps, chemical dosing pumps, blowers, control system (PLC/SCADA including UPS). Refer to the preliminary P&IDs provided in Appendix 2a for actual redundancy proposed.
- Recycling – provision of internal recycling capability for the RO permeate to provide flexibility in operations. This will assist in situations where feed effluent is above normal design limits or where plant performance is reduced. The recycling of a portion of permeate will

	<p>ensure that in-specification recycled water continues to be produced during poor feed quality or poor membrane performance events (this will have an obvious reduction in the plant output capacity).</p> <ul style="list-style-type: none"> <li>➤ Design basis – the selection of the 90%ile feed effluent quality as the plant design basis ensures that normally the plant will be treating effluent that is of better quality than it is capable of treating. This will provide a more robust plant with increased operability and flexibility for 90% of the operations.</li> <li>➤ Storages –included for both feed effluent from the LAP and for recycled water including:             <ul style="list-style-type: none"> <li>○ 3 ML feed storage tank to provide approximately 2.5 hours of continued plant operation at the design production of 20 ML/d without the need for any feed from the LAP. At average customer demand this would extend to almost 5 hours of uninterrupted plant operation; and</li> <li>○ On-site storage supplemented with network storages to provide for up to 24 hours of Plant outage (at average daily demand) before the supply to customers would be affected.</li> </ul> </li> <li>➤ Instrumentation and controls will be provided to allow all important plant parameters to be continuously monitored. All on-line instruments will be monitored by the Plant SCADA system so that the operators are continuously aware of the water quality and plant reliability issues.</li> </ul> <p>Appendix 2a contains further details of the plant reliability that were provided in the tender submission to SWC. This document is as submitted by the AVA Water Consortium (at that time, Alinta and Veolia) to Sydney Water in August 2007 in response to Sydney Water’s request for tenders to deliver the Rosehill Scheme. References in the document to “AVA” or “AVA Water Consortium” should now be read as “Jemena and Veolia” and references to “Alinta” should be read as “Jemena”.</p>
<p>Is the process common industry practice? If not, please outline:</p> <ul style="list-style-type: none"> <li>• what aspects of the design or proposed operation are “innovative” by current industry standards;</li> <li>• the research and development that has been undertaken in</li> </ul>	<p>Yes</p> <p>The use of membrane filtration for treating effluent from sewage treatment plants is common practice in Australia and around the world.</p> <p>VWA operate and maintain these types of plant in SE Queensland to produce recycled water for industry and ultimately to supplement the drinking water supply. The</p>



<p>designing the process; and</p> <ul style="list-style-type: none"> <li>the validation and/or testing of the process in live operation, including the applicability to the particular quality characteristics of the water/sewage inputs and outputs of your activities.</li> </ul>	<p>Validation Plan for the Western Corridor Water Recycling Project (WCWRP) is provided in Appendix 2a as an example of the type of plan that will be developed by VWA for this scheme. The WCWRP Recycled Water Management Plan is also provided in Appendix 2f.</p> <p>SWC also operate and maintain a recycling plant at Wollongong STP. This plant incorporates the same processes as the recycled water plant proposed for this scheme.</p> <p>Attached in Appendix 2a is the report prepared by the Independent Verifier KBR on the project as tendered. This document is as submitted by the AVA Water Consortium (at that time, Alinta and Veolia) to Sydney Water in August 2007 in response to Sydney Water’s request for tenders to deliver the Rosehill Scheme. References in the document to “AVA” or “AVA Water Consortium” should now be read as “Jemena and Veolia” and references to “Alinta” should be read as “Jemena”. The Independent Verifier will be involved in the project until the completion of the design and construct phase (including all commissioning and process proving). The Independent Verifier will verify all aspects of the project as outlined in the Verification Management Plan, also provided in Appendix 2a.</p>
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Please provide a process flow diagram of the scheme (from source to end use), and identify the Critical Control Points in the process, specifications of key units and design, and a copy of any independent validation of process or value engineering assessment of the design and/or its suitability for use in the proposed activity to be licensed (if available) in an Appendix.

**2(b) If applicable, what arrangements have been or will be made in relation to the construction of the infrastructure?**

<p>Outline the timeframe and key milestones for the construction of the infrastructure.</p>	<p>The key milestones associated with the construction of the recycled water plant are:</p> <table border="1"> <thead> <tr> <th data-bbox="667 461 791 488">Milestone</th> <th data-bbox="1190 461 1382 488">Milestone Date</th> </tr> </thead> <tbody> <tr> <td data-bbox="667 517 1023 544">Completion of Pilot Plant trials</td> <td data-bbox="1206 517 1326 544">May 2009</td> </tr> <tr> <td data-bbox="667 573 1182 600">Completion of electrical / mechanical design</td> <td data-bbox="1206 573 1358 600">August 2009</td> </tr> <tr> <td data-bbox="667 629 1110 656">Completion of foundation construction</td> <td data-bbox="1206 629 1326 656">Sept 2009</td> </tr> <tr> <td data-bbox="667 685 991 712">Completion of building work</td> <td data-bbox="1206 685 1326 712">June 2010</td> </tr> <tr> <td data-bbox="667 741 1110 768">Completion of mechanical installation</td> <td data-bbox="1206 741 1358 768">August 2010</td> </tr> <tr> <td data-bbox="667 797 1078 824">Completion of electrical installation</td> <td data-bbox="1206 797 1358 824">August 2010</td> </tr> <tr> <td data-bbox="667 853 1046 880">Completion of Portion 1 of Plant</td> <td data-bbox="1206 853 1358 880">August 2010</td> </tr> <tr> <td data-bbox="667 909 951 936">Commissioning of Plant</td> <td data-bbox="1206 909 1326 936">Feb 2011</td> </tr> </tbody> </table> <p>As the process design cannot be finalised until the completion of the pilot plant trials, a Risk Assessment on the construction issues associated with the plant has not yet been completed. Once the pilot plant trials have been completed and the process design is finalised a Risk Assessment on the construction issues will be supplied to IPART for inclusion with the licence application. It is anticipated that this will be provided by February 2009.</p> <p>The draft Construction Management Plan, as tendered to SWC, contains details on the approach to construction risks. It is provided in Appendix 2b. This document is as submitted by the AVA Water Consortium (at that time, Alinta and Veolia) to Sydney Water in August 2007 in response to Sydney Water's request for tenders to deliver the Rosehill Scheme. References in the document to "AVA" or "AVA Water Consortium" should now be read as "Jemena and Veolia" and references to "Alinta" should be read as "Jemena".</p>	Milestone	Milestone Date	Completion of Pilot Plant trials	May 2009	Completion of electrical / mechanical design	August 2009	Completion of foundation construction	Sept 2009	Completion of building work	June 2010	Completion of mechanical installation	August 2010	Completion of electrical installation	August 2010	Completion of Portion 1 of Plant	August 2010	Commissioning of Plant	Feb 2011
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Completion of electrical installation	August 2010																		
Completion of Portion 1 of Plant	August 2010																		
Commissioning of Plant	Feb 2011																		
<p>Are any aspects of the proposed project contingent on future events? If so, please explain.</p>	<p>Yes.</p> <p>The recycled water plant and network cannot commence commissioning and proving until SWC have made available secondary effluent in the Liverpool to Ashfield pipeline (LAP). The pipeline has been constructed, but SWC have advised that this pipeline will not contain secondary effluent until 31 August 2010. This date may vary and if so it will impact on the ability to supply recycled water.</p>																		

Please provide a risk assessment of construction issues in an Appendix.

## 2(c) Risk analysis and management

### i. How have you addressed your whole of business risk in relation to the activities to be licensed?

<p>Explain how.</p>	<p>Refer to appendix 2c for the following documents describing Veolia Water’s approach to Risk analysis and management. The following Veolia Water documents are included:</p> <ul style="list-style-type: none"> <li>• VWA Risk Management Policy</li> <li>• VWA Risk Management Procedure</li> <li>• Quality, Safety and Environment Plan (site specific draft as tendered)</li> <li>• Incident and Emergency Management Plan (site specific draft as tendered)</li> </ul> <p>The final two documents are as submitted by the AVA Water Consortium (at that time, Alinta and Veolia) to Sydney Water in August 2007 in response to Sydney Water’s request for tenders to deliver the Rosehill Scheme. References in these documents to “AVA” or “AVA Water Consortium” should now be read as “Jemena and Veolia” and references to “Alinta” should be read as “Jemena”.</p> <p>In relation to the whole of business risk associate with this project a Project Specific risk assessment is also provided in Appendix 2c.</p>
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### ii. What events or circumstances could adversely affect your ability to carry out the activity?

**Note:** You are *not* required to provide the information requested in 2(c)(ii) if your application is in relation to sewerage infrastructure and that infrastructure is the subject of a licence under the *Protection of the Environment Operations Act 1997*.

<p>List the events and circumstances that could adversely affect your ability to carry out the activities for which you are seeking the licence</p>	<p>The circumstances that could adversely affect VWA’s ability to carry out the design, construction, proving and operation of the recycled water plant are listed in the following risk assessments:</p> <ol style="list-style-type: none"> <li>1. Project Specific risk assessment – details the business risks associated with the project</li> <li>2. Preliminary Operational Risk Assessment – details the operational risks associated with the recycled water plant</li> </ol> <p>These risk assessments are provided in Appendix 2c. They include an assessment of the probability (likelihood) and consequence of each event. Existing control measures and additional actions required to control the risks are also included.</p>
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What is the probability of the occurrence of any such event or circumstance?	Refer to risk assessments above.
What measures are to be implemented to prevent or minimise the likelihood of any such event or circumstance?	Refer to risk assessments above.

**iii. What processes have been or will be implemented to ensure continuity of supply/service and secure alternative water supplies or sewerage services?**

<p>What arrangements have been or will be implemented to ensure continuity of supply/service delivery?</p>	<p>Refer to the response to point 2a) above for details on the recycled water plant process reliability and redundancy provisions.</p> <p>The recycled water will be supplied to AquaNet, the recycled water retailer. AquaNet have engaged Jemena to operate the recycled water network to transfer the recycled water to the customers. Jemena have extensive experience in the operation of networks, primarily in the gas industry. A Plant Agreement has been executed between VWA and AquaNet for the supply of recycled water.</p> <p>For further details on the recycled water network refer to the AquaNet Network Operator licence application.</p> <p>The Preliminary Operational risk assessment also provides details of other controls associated with both the plant to ensure continuity of supply/service delivery.</p>
<p>What arrangements have been or will be made to secure alternative water supplies or sewerage services when the infrastructure is inoperable?</p>	<p>The network operator (Jemena) will have the ability to supplement the recycled water supply through the use of “top-up water”. This “top-up water” is potable water that may be added to the recycled water network at key locations to ensure that recycled water is maintained at the volumes required for all end users.</p> <p>In the event of complete failure to supply recycled water all end users will be supplied with “back-up water” connections. These connections will supply potable water from the SWC potable water network in the place of recycled water.</p> <p>Both “top-up and “back up” water connections will be in accordance with the requirements of SWC to prevent any cross contamination of the potable water system. The supply of potable water “top up” and “back up” and the extraction of secondary effluent from the LAP have been arranged with SWC through the Project Agreement.</p> <p>These arrangements are further detailed in the Network Operator application submitted by AquaNet for the scheme.</p>

Please provide your risk management policy and risk management plan (including risk register) and documentary evidence of any agreements or discussions with other service providers to secure alternative water supplies or sewerage services in an Appendix.

**2(d) Management systems**

**i. What processes and systems are in place (or will be implemented) for managing your interface with other service providers?**

<p>What procedures have you implemented (or will you implement) to manage communication with other service providers?</p>	<p>Appendix 2d contains the draft Community Consultation Management Plan and draft Stakeholder Management Plan that were prepared for the tender phase of the project. These documents are as submitted by the AVA Water Consortium (at that time, Alinta and Veolia) to Sydney Water in August 2007 in response to Sydney Water’s request for tenders to deliver the Rosehill Scheme. References in these documents to “AVA” or “AVA Water Consortium” should now be read as “Jemena and Veolia” and references to “Alinta” should be read as “Jemena”. These plans will be developed further and assessed by the Independent Verifier appointed by SWC prior to commencement of any construction activities.</p> <p>Prior to commencing operations, Veolia Water and AquaNet will develop a detailed Communication Protocol. This protocol will be detail the methods of communication between all stakeholders associated with the scheme. This will be provided to IPART once it has been developed. A copy of the Communication Protocol for the WCWRP is provided in Appendix 2d as an example of the protocols for a similar project managed by VWA.</p> <p>It should be noted that Veolia Water will be supplying recycled water to AquaNet, who will then distribute this recycled water to the various end-users using Jemena as the network operator. The Communication Protocol will cover all entities associated with this recycled water supply arrangement.</p>
<p>Describe your dispute management protocol or proposed arrangements with other service providers</p>	<p>The dispute management protocols will be detailed in the Communication Protocol.</p> <p>The protocol will be aligned with the arrangements that will be used by AquaNet and Jemena for any disputes associated with other service providers and end users.</p>

**ii. What approvals have you obtained to ensure you can comply with NSW regulations?**

<p>Is development consent necessary for the activity?</p> <p>If no, please provide details indicating why not</p> <p>If yes, and development consent has not been granted, please indicate when development consent is likely to be sought or obtained and who is the consent authority</p>	<p>Yes – The project is classified as a major project under the State Environmental Planning Policy (Major Projects) 2005 and requires approval from the NSW Minister for Planning under Part 3A of the Environmental Planning &amp; Assessment Act 1979.</p> <p>AquaNet has commenced the process of obtaining the Planning Approval. Currently it is expected that approval will be obtained early 2009.</p> <p>The Approvals Management Plan, as tendered to SWC, is provided in Appendix 2d. This document is as submitted by the AVA Water Consortium (at that time, Alinta and Veolia) to Sydney Water in August 2007 in response to Sydney Water’s request for tenders to deliver the Rosehill Scheme. References in the document to “AVA” or “AVA Water Consortium” should now be read as “Jemena and Veolia” and references to “Alinta” should be read as “Jemena”.</p>
<p>Briefly describe any other approvals that you have obtained or will obtain for the activity</p>	<p>Trade Waste Licence (SWC) – The waste from the recycled water plant will be treated and then discharged to the sewer. This will be in accordance with the Trade Waste licence requirements that will be obtained with SWC. Obtaining a provisional Trade Waste Consent is a condition precedent to the Project Agreement with SWC for this project.</p> <p>Dangerous Goods – Once the detailed design of the recycled water plant is completed, Veolia Water will commence obtaining the necessary information required for notifying Work Cover NSW of a premise storing Dangerous Goods. An application will then be submitted to Work Cover. Inspections of the chemical facilities will be undertaken by the Independent Verifier, chemical suppliers and Work Cover (if required) prior to storage of any bulk chemical on site.</p>

Please attach copies of any relevant approvals you have obtained in an Appendix.

**iii. What business systems have you implemented (or will be implemented) to ensure you can comply with the Network Operator’s Licence, the WIC Act and regulations, and other regulatory requirements?**

<p>What business systems are in place (or will be implemented) to manage compliance with your regulatory requirements?</p>	<p>Attached in Appendix 2c is the draft Quality, Safety and Environment Plan for the recycled water plant. This plan describes how the operations will ultimately be compliant with the following standards:</p> <ul style="list-style-type: none"> <li>• Environmental Management ISO 14001</li> </ul>
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- Quality Management ISO 9001
- OHS Management AS/NZ 4801

Applying the principles of:

- Risk Management AS 4360
- Compliance Management AS 3806

In addition, the on site laboratory will ultimately be NATA Certified.

VWA environmental, quality and OH&S policies are provided in Appendix 2d. The VWA risk management policy is provided in Appendix 2c.

A sample Performance and Verification Plan developed by VWA for the WCWRP is also provided in Appendix 2e as a guide to the content of the final document. This plan will be finalised prior to the plant commencing operations. It is anticipated that this will be available by December 2010.

Please attach a copy of your Compliance or Regulatory Management Strategy and documentary evidence of a performance management framework in an Appendix.



## 2(e) How will the infrastructure be maintained and operated?

<p>Describe the arrangements made for the maintenance, monitoring and reporting of standards of service for the infrastructure</p>	<p>Draft Operations, Maintenance and Asset Management Plans associated with the recycled water plant have been developed. The Operations plan details the proposed staffing levels, maintenance philosophy, sampling and analysis programs, training philosophy, reporting requirements, waste management and shutdown strategies. The Maintenance plan further details VWA’s maintenance methodology including maintenance practices and performance measurement. The Asset Management plan describes VWA’s asset management strategy, the computerised maintenance management system, plant specific maintenance requirements, the approach asset condition and risk assessment, asset reporting and a preliminary asset renewal program.</p> <p>These plans will be finalised prior to commencing operations and will be reviewed by the Independent Verifier appointed by SWC.</p> <p>To supplement these plans an Operational Protocol will be developed between Veolia Water, AquaNet and Jemena. This protocol will describe how the interface between the recycled water plant and the network will be managed. This Operational Protocol will be prepared during the detailed design of the recycled water plant and network. It is anticipated that the Operational Protocol will be available by December 2010.</p>
<p>Describe arrangements for the continued safe and reliable performance of the infrastructure, including the arrangements for the renewal of the infrastructure</p>	<p>The draft Operations, Maintenance and Asset Management Plans for the recycled water plant provide these arrangements. The Asset Management Plan includes the proposed asset renewal and replacement program.</p> <p>These plans will be finalised prior to commencing operations and will be reviewed by the Independent Verifier appointed by SWC.</p>

Please attach a copy of your infrastructure operating plan (if available) to support your answers to the questions above in an Appendix.

## 2(f) How will you protect public health, water quality and the environment?

<p>If the water to be supplied is drinking water, how will the 12 elements of the framework for the management of drinking water quality, as detailed in the Australian</p>	<p>NA – The water to be supplied is not drinking water.</p>
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Drinking Water Guidelines, be addressed, implemented and maintained?	
If the water to be supplied is non-potable water, how will the 12 elements of the framework for the management of recycled water quality and use, as detailed in the Australian Guidelines for Water Recycling, be addressed, implemented and maintained?	<p>A preliminary risk assessment of the recycled water scheme for water quality is provided in Appendix 2f. This assessment was undertaken in accordance with the Australian Recycled Water Guidelines to identify any potential health or environmental hazards associated with the activity to be licensed and it provides an analysis of hazard events and hazard management approaches and activities. This assessment is based on the design as tendered to SWC. The assessment includes an initial assessment of the critical control points associated with the scheme.</p> <p>A detailed risk assessment will be conducted according to the requirements of Australian Guidelines for Water Recycling once detailed design is completed. This assessment will also be more meaningful as at this time as more detailed information on feed effluent, waste stream and recycled water quality will be available from pilot plant trials.</p> <p>Final details will be provided in the Recycled Water Management Plan that will be prepared prior to operations commencing. It is anticipated that the draft Recycled Water Management Plan will be available in December 2010.</p> <p>An example of the Recycled Water Management Plan is provided in Appendix 2f. This plan has been prepared for the Western Corridor Water Recycling Project (WCWRP) in SE Queensland where Veolia Water has been appointed as the scheme operator. The plan is for a process that is similar to that proposed for this project.</p> <p>Details on the feed water quality, recycled water quality and treatment processes are included in appendix 2a as provided in the tender submission to SWC. This document is as submitted by the AVA Water Consortium (at that time, Alinta and Veolia) to Sydney Water in August 2007 in response to Sydney Water's request for tenders to deliver the Rosehill Scheme. References in the document to "AVA" or "AVA Water Consortium" should now be read as "Jemena and Veolia" and references to "Alinta" should be read as "Jemena".</p>
If the water to be supplied is non-potable water, what purposes will the water be used for and what purposes will the water not be used for (as determined in accordance with the 12 elements of the	<p>The recycled water will be supplied to AquaNet. AquaNet will then supply the recycled water to the end users via the network operator, Jemena. These end users have recycled water supply contracts with SWC, so essentially the recycled water is supplied to SWC who then supply the</p>

<p>framework for the management of recycled water quality and use in the Australian Guidelines for Water Recycling)?</p>	<p>recycled water to the end users. AquaNet may also develop contracts directly with new end users in the future.</p> <p>The Network Operator licence application for AquaNet contains details of the end users recycled water uses and any prohibited uses and controls.</p> <p>The minutes from the preliminary risk assessment workshop provided in Appendix 2f contain brief details of the end use of the recycled water. Further details on the end use of the recycled water for all customers will be provided prior to recycled water being supplied. These details will be incorporated into the final recycled water management plan.</p>
<p>If the infrastructure involves treatment infrastructure or results in discharge of waste (including due to potential infrastructure failure), what arrangements have been made or will be made for the disposal of waste from the infrastructure?</p>	<p>The waste from the recycled water plant will be disposed to sewer under a Trade Waste licence with SWC.</p> <p>If the recycled water is not operating (due to infrastructure failure) the secondary effluent that is in the LAP will not be extracted and this effluent will be available to others that may wish to extract this effluent (via sewer mining). Any LAP effluent that is not used will be discharged into the SWC sewer for further treatment and disposal via the Malabar STP.</p> <p>Further details on waste management are provided in Appendix 2f.</p>
<p>If the infrastructure conveys, treats or disposes of sewage, in what manner will health and ecological assessments be undertaken and how will any concerns arising from such assessments be addressed?</p>	<p>The Preliminary Risk Assessment in Appendix 2f provides comment on the health and ecological impacts that may result from the project. Control measures are also proposed.</p> <p>Final details will be provided in the Recycled Water Management Plan that will be prepared prior to operations commencing.</p> <p>Waste from the recycled water plant will be disposed only to sewer. This will be in accordance with a Trade Waste licence with SWC.</p> <p>The recycled water end use is described in the AquaNet Network Operator licence application.</p>
<p>Please identify any potential environmental impacts of the activities to be licensed and provide details of how these activities would be conducted in a manner that would not present a significant risk of harm to the environment</p>	<p>The Preliminary Risk Assessment in Appendix 2f provides comment on the environmental impacts that may result from the project.</p> <p>Final details will be provided in the Recycled Water Management Plan that will be prepared prior to operations commencing.</p>

Please attach a copy of your Preliminary Risk Assessment and, if available, your drinking water management plan, recycled water management plan or sewerage management plan in an Appendix. This documentation will be provided to NSW Health for review and assessment.

**2(g) Do you have prior experience in the construction, maintenance and operation of water infrastructure or a utility business?**

Describe your corporation's current experience in the construction, maintenance and operation of water and/or other utility services, such as gas, electricity, and telecoms?

Veolia Water Australia (VWA) has experience in the construction, maintenance and operation of numerous water and waste water utility services throughout Australia and New Zealand.

These include:

Wyuna – BOO(T) contract with SWC for the operation and maintenance of water filtration plants in Illawara and Woronora.

United Water – PPP agreement with SA Water for operations and maintenance of Adelaide's water and waste water systems. Including asset management and ongoing capital replacement.

Aqua – BOOT contract with Coliban Water to treat and distribute drinking water to the greater Bendigo area in regional Victoria.

Western Corridor – O&M contract with the Queensland Government with VWA appointed as the Scheme Operator responsible for the operation and maintenance of 3 advanced water treatment (water recycling) plants and the distribution network that transfers the recycled water to industry and Wivenhoe Dam.

Gold Coast Desalination – Alliance contract between VWA, John Holland, SKM and SureSmart Water (Queensland Government) for the design, construction, commissioning and long term operation and maintenance of a sea water desalination plant. The scope includes 35km of distribution network to link the plant to the SE Queensland Water Grid.

Sydney Desalination – DBOM contract with SWC to design, construct, commission, operate and maintain a 250 ML/d sea water desalination plant.

Kwinana Water Reclamation Plant – D&C contract with Water Corporation (WA) for the design and construction of a recycled water plant. This plant treats a total of 5GL of wastewater annually, using micro-filtration and reverse osmosis processes.

These projects are detailed further in Appendix 2g.

<p>Does the CEO or do any of the Directors hold relevant professional qualifications or industry experience, particularly in the water industry?</p> <p>Please provide details including responsibilities, key outputs/achievements and evidence suitable for assessment of currency of that experience</p>	<p>Peter McVean is the CEO of Veolia Water Australia (VWA). The VWA Directors include Rod Naylor, Chris Godfrey and Stephen Byrne.</p> <p>These personnel are highly experienced in the Water Industry. CVs have been provided to IPART but they are confidential.</p>
<p>Please provide details and evidence of the relevant skills, qualifications and experience of key personnel involved in the activities to be licensed</p>	<p>The key personnel associated with the design, construction, commissioning and long term operation of the recycled water plant include:</p> <p><b>Plant Design, Construction &amp; Commissioning</b></p> <p>VWS Team (D&amp;C inc Commissioning)</p> <p>VWS Project Manager – Samson Tam</p> <p>VWS Process Design Manager - Ronald Bean</p> <p>VWS Electrical Design Manager - Ross Martin</p> <p>VWS Mechanical Design Manager - Siva Sivabalakan</p> <p>VWS Process Engineering Manager - Bob Phillips</p> <p><b>Plant Operations and Maintenance</b></p> <p>GMO – Michael Boake</p> <p>Operations Manager – Paul Dixon</p> <p>Process Engineer – Kate Simpson</p> <p>Water Quality Officer – to be appointed</p> <p>Operator / Maintainers (3 off) – to be appointed</p> <p>All of these personnel are experienced in the water industry. CVs have been provided to IPART but they are confidential.</p>



APPENDIX 2a - What is the design of the infrastructure?

Scheme overview schematic

System overview schematic

Technical Sufficiency – Schedule 6 of tender submission.

Certainty of Delivery - Schedule 7 of tender submission

WCWRP Validation Plan

Report prepared by the Independent Verifier KBR on the project as tendered.

Verification Management Plan

APPENDIX 2b – If applicable, what arrangements have been or will be made in relation to the construction of the infrastructure?

Construction Management Plan (as tendered)

APPENDIX 2c - Risk analysis and management

VWA Risk Management Policy

VWA Risk Management Procedure

Incident and Emergency Management Plan (as tendered)

Project Specific risk assessment (from VWA PMP)

Preliminary Operational risk assessment (as tendered)

Plant Agreement summary page

APPENDIX 2d - Management systems

Draft Community Consultation Management Plan (as tendered)

Draft Stakeholder Management Plan (as tendered)

WCWRP Communication Protocol (example from similar project)

VWA Environmental Policy

VWA Quality Policy

VWA OH&S Policy

Approvals Management Plan (as tendered)

WCWRP Performance and Verification Plan (example from similar project)

APPENDIX 2f - How will you protect public health, water quality and the environment?

Preliminary risk assessment – HACCP Analysis

Preliminary risk assessment - Risk register

Details on waste disposal/management from Exhibit O

APPENDIX 2g - Do you have prior experience in the construction, maintenance and operation of water infrastructure or a utility business?

Project Sheets for:

- Wyuna
- United Water
- Aqua
- Western Corridor
- Gold Coast Desalination
- Sydney Desalination
- Kwinana Water Reclamation Plant



## Part 3: Organisational Structure and Capacity

You must attach any additional information or supporting documentation in response to a question in the Application Form in an Appendix referenced Appendix A, B, C etc, with a title corresponding to the question. For example, your response to question 3(c) would be titled “Appendix X – How have you allocated resources for the construction, commissioning, management and operation of the facility?”.

### 3(a) Are you a disqualified corporation?

Under section 10(3) of the WIC Act, a licence may not be granted to a disqualified corporation. Are you a disqualified corporation?

Yes  
 No

If no, please complete and attach in an Appendix the statutory declarations at Part 5 of this Application Form stating that the applicant corporation is not a disqualified corporation and that no director or person concerned in the management of the applicant corporation is or would be a disqualified individual within the meaning of the WIC Act. Unless agreed otherwise with IPART, the statutory declarations should be made by the Chief Executive Officer and a director of the applicant corporation (or where this is not possible, one statutory declaration can be provided by the sole director and Chief Executive Officer).

### 3(b) What is the structure of the applicant corporation?

List the corporations that own the applicant corporation, or hold an interest in it	Corporation Name	ACN
	Veolia Eau Compagnie - Generale Des Eaux	N/A (incorporated in France)

What other related entities, which are relevant to the activity, does the applicant own or hold an interest in?	Corporation Name	ACN
	General Water Australia	061 161 297

Please attach an organisational diagram in an Appendix. The diagram should clearly show all corporations that own your corporation and all corporations that your corporation owns or holds an interest in.

Please see Appendix 3b Holding Structure of VE Water Interests in Australia for organizational diagram

**3(c) How have you allocated resources for the construction, commissioning, management and operation of the facility?**

Outline your Resourcing Plan for the activity to be licensed

Please attach the detailed Resourcing Plan for this activity in an Appendix.

Please see appendix for 3c Resource Plan

APPENDIX 3b – What is the structure of the applicant corporation?

Appendix 3b - Holding Structure of VE Water Interests in Australia for organizational diagram

APPENDIX 3c - How have you allocated resources for the construction, commissioning, management and operation of the facility?

Appendix 3c – Project delivery Resource Plan

## Part 4: Financial Capacity

You must attach any additional information or supporting documentation in response to a question in the Application Form in an Appendix referenced Appendix A, B, C etc, with a title corresponding to the question. For example, your response to question 4(a) would be titled “Appendix X – What is the applicant corporation’s financial history?”.

### 4(a) What is the applicant corporation’s financial history?

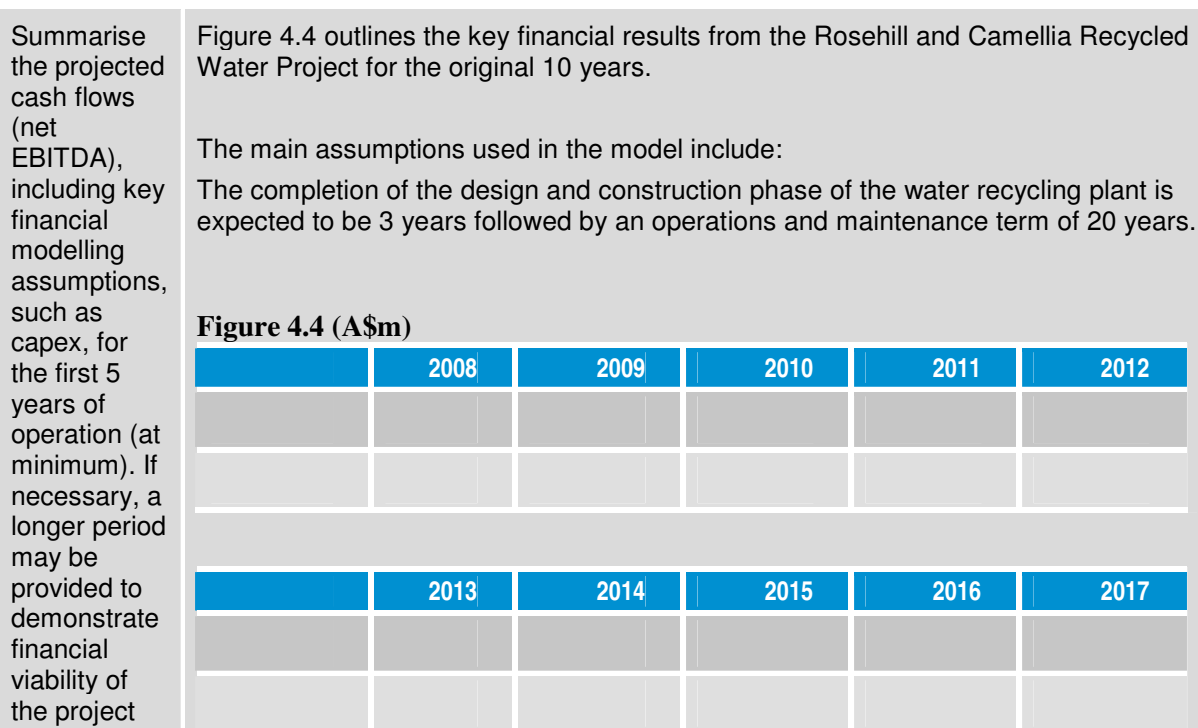
<p>Does your corporation have a financial history? If not, explain why</p>	<p><input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> <b>No</b></p>																																
<p>Summarise the performance of your corporation over the past 3 years</p>	<p>Veolia Water Australia (VWA) as a consolidated entity has grown dramatically during the past three years, a result of new projects and other organic growth. During this period, VWA has finalised the 100% acquisition of United Water International (UWI), in conjunction with successfully winning major projects such as the South East Queensland Desalination Project and Sydney Desalination Project.</p> <p>VWA’s key results from the 2005 – 2007 financial statements are highlighted in Figure 4.1 and further details can be found within the annual financial statements included in the Appendix 4a:</p> <p><b>Figure 4.1 (A\$m)</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #0070C0; color: white;"> <th></th> <th>2005</th> <th>2006</th> <th>2007</th> </tr> </thead> <tbody> <tr><td style="background-color: #D3D3D3;"> </td><td> </td><td> </td><td> </td></tr> <tr><td style="background-color: #D3D3D3;"> </td><td> </td><td> </td><td> </td></tr> <tr><td style="background-color: #D3D3D3;"> </td><td> </td><td> </td><td> </td></tr> <tr><td style="background-color: #D3D3D3;"> </td><td> </td><td> </td><td> </td></tr> <tr><td style="background-color: #D3D3D3;"> </td><td> </td><td> </td><td> </td></tr> <tr><td style="background-color: #D3D3D3;"> </td><td> </td><td> </td><td> </td></tr> <tr><td style="background-color: #D3D3D3;"> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p>VWA’s key financial performance ratios are shown below in Figure 4.2 against the indicative benchmarks set out in the WICA guidelines:</p>		2005	2006	2007																												
	2005	2006	2007																														

	<p><b>Figure 4.2</b></p> <table border="1"> <thead> <tr> <th></th> <th>Benchmark</th> <th>2005</th> <th>2006</th> <th>2007</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p>Given VWA currently has no external debt the interest coverage ratio has not been provided.</p>		Benchmark	2005	2006	2007																														
	Benchmark	2005	2006	2007																																
<p>If applicable, what is your corporation's credit rating?</p>	<p>The ownership and parent structure of Veolia Water Australia (VWA) is listed in Figure 4.3. VWA's ultimate parent, Veolia Environnement (VE), is a publicly listed company on both the Paris and New York stock exchange. VE has a credit rating of BBB+ with S&amp;P and A3 with Moody's.</p> <p>Veolia Eau – Compagnie Générale des Eaux (VE-CGE) is the global headquarters of VE's water division.</p> <p><b>Figure 4.3</b></p> <pre> graph TD     VE[Veolia Environnement SA] -- 100% --&gt; VE_CGE[Veolia Eau – Compagnie Générale des Eaux SCA]     VE_CGE -- 100% --&gt; VWA[Veolia Water Australia Pty Ltd]     UWI[United Water International Pty Ltd] -- 100% --&gt; VWA     WWH[Wyuna Water Holdings Pty Ltd] -- 30% --&gt; VWA     </pre>																																			
<p>Provide details of your debt/equity finance and any debt covenants on existing borrowings</p>	<p>Veolia Water Australia currently does not have any 3rd Party loans in place and therefore no debt covenants exist on external borrowings.</p>																																			

Where the applicant is an existing corporation, please provide the following documents in an Appendix:

- ▼ Financial statements for the last three (3) years. It is preferable that these financial statements are audited. It is recognised that not all corporations are required to have their annual financial statements audited. However, where you are required to lodge audited financial statements with the Australian Securities and Investments Commission (ASIC), provide copies of these statements. (Note: consolidated accounts for the parent organisation or group to which the applicant corporation belongs would not be considered acceptable.)
- ▼ Where the latest annual financial statements are more than three (3) months old, the latest available management reports showing:
  - a trading statement
  - a profit and loss statement, and
  - a trial balance.
- ▼ Copies of tax returns for the last three (3) years.
- ▼ Credit rating memorandum (eg, Standard & Poor’s, Moody’s or Fitch), if available.

#### 4(b) What is the projected financial performance of the proposed activity?



Please attach the following documents in an Appendix:

- ▼ Projected cash flows for a minimum of the next five (5) years of operation (including projected closing balance sheets and profit and loss statements), taking into account the licensing agreement, with details of all key financial modelling assumptions.

**4(c) How will the applicant corporation finance the proposed activity?**

Describe the mechanisms by which your activity is financed or to be financed	VWA conduct their financial activities using the resources and banking lines allocated by VE-CGE Treasury and the domestic facilities provided by ANZ. The group has sufficient working capital, debt facilities and guarantee/bonding facilities available to fund this project.
Please provide details of any financial guarantees or commitment of financial support	

Please provide, in an Appendix, a letter from a financial institution (being a bank, credit union or the government) confirming indicative financing of your activity, including:

- ▼ the nature of finance (eg, bridging, long term, corporate debt, government funding)
- ▼ type and limit of the facility
- ▼ type and limit of any guarantee, and
- ▼ terms and conditions.

Where the applicant is a new corporation, supported by one or more parent entities, also provide:

- ▼ a copy of guarantee or cross deed of indemnity provided by the parent entity, and
- ▼ financial statements for the parent entity for the last three (3) years.

Where the applicant is a new corporation financed through alternative arrangements (eg, debt or equity), also provide:

- ▼ letter from financial institution (eg, bank, credit union or the government) certifying an existing or proposed line of credit or financial support, and
- ▼ a copy of guarantee or cross deed of indemnity provided by an entity such as a holding company or Director (provide financial statements providing the financial viability of the guarantor).

**4(d) Do you have appropriate insurance arrangements in place?**

What types of insurance do you have or intend to obtain?	Type of Insurance	Level and extent of Cover
<p>Indicate the level (ie, amount) of insurance you are covered or intend to be covered by for each type</p> <p>Provide details of itemised inclusions and exclusions for each type of insurance you hold</p>	<input checked="" type="checkbox"/> Professional Indemnity Insurance <input checked="" type="checkbox"/> Public Liability Insurance <input checked="" type="checkbox"/> Workers' Compensation <input checked="" type="checkbox"/> Products Liability Insurance <input checked="" type="checkbox"/> Other [Please describe]: Motor Vehicle insurance	<p>\$10 million p.a.</p> <p>\$50 million p.a.</p> <p>As required by law</p> <p>\$50 million p.a.</p> <p>\$20 million p.a.</p>
<p>Explain how the level of cover provided or proposed by your insurer is sufficient for the size and nature of your proposed activity</p>	<p>Veolia Water Australia has Group Insurance policies in place that satisfy the requirements of major clients across Australia. The insurance coverage is reviewed annually.</p>	
<p>Have you ever applied for insurance, and had your application refused?</p> <p>If so, provide details of the activity and the reasons why insurance was refused</p>	<p>No</p>	
<p>Is the insurance company appropriate to insure this project?</p>	<p>The VWA insurance broker is AON who are a global leader in insurance services. Policies are underwritten by global underwriters including AXA and Liberty International.</p>	

Please attach a certificate of currency for each type of insurance you hold in an Appendix. If this is not provided at the time of application, it will need to be provided prior to commercial operation.



**4(e) Do you have an accountant and external auditor?**

Does your corporation have an accountant? If yes, what are your accountant's contact details?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Does your corporation have an external auditor? If yes, what are your external auditor's contact details?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No KPMG 10 Shelley St Sydney, NSW, 2000
If required, may we contact your accountant and/or external auditor to clarify any information provided?	<input checked="" type="checkbox"/> Yes (please notify VWA prior to making contact) <input type="checkbox"/> No

**4(f) Are there any events that could affect your future financial capacity?**

<p>Are there any events that could affect your corporation's future financial capacity?</p> <p>Please tick the appropriate boxes and, if applicable, provide details of all such events relevant to your corporation for the last three (3) years from the date of this application. You must tick at least one box.</p>	<input type="checkbox"/> Government or other investigation of the corporation or related entities <input type="checkbox"/> Any significant change in the financial position of the applicant corporation since the financial statements provided with this application <input type="checkbox"/> Contract terminated <input type="checkbox"/> Factors which might impact on your corporation such as significant litigation, business commitments, contingent liabilities, collections by debt collection agencies on behalf of creditors or liquidation proceedings <input type="checkbox"/> Any outstanding tax liabilities <input type="checkbox"/> Any other particulars which are likely to adversely affect your corporation's capacity to undertake the services under the licence (if granted) <input checked="" type="checkbox"/> No adverse information on the applicant corporation
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APPENDIX 4d - Do you have appropriate insurance arrangements in place?

Appendix 4d - Motor vehicle 2008 CoC

Appendix 4d - Professional Indemnity 2008 CoC

Appendix 4d - Public & Product Liability 2008 CoC

Appendix 4d - Workers Compensation NSW 2008 CoC

## Part 5: Statutory Declaration & Acknowledgment

You must attach any additional information or supporting documentation in response to a question in the Application Form in an Appendix referenced Appendix A, B, C etc, with a title corresponding to the question. For example, your response to question 5(a) would be titled “Appendix X - Is the information that you have provided true and correct?”.

### 5a) Is the information that you have provided above true and correct?

Provide a statutory declaration from:

- (a) the Chief Executive Officer and a director of the applicant corporation, or
- (b) the sole director and Chief Executive Officer of the applicant corporation, or
- (c) such other person that IPART agrees may provide the statutory declaration/s,

to the effect that the information provided in the application is true and correct. For the purposes of Part 3 of this application form, the statutory declaration should also state that the applicant corporation is not a disqualified corporation and that no director or person concerned in the management of the applicant corporation is or would be a disqualified individual within the meaning of the WIC Act.

I, do solemnly and sincerely declare that:

1. I am a director / the Chief Executive Officer / the sole director and Chief Executive Officer [delete as applicable] of the applicant (named in the application form accompanying this declaration);
2. the information provided in this application is true and correct to the best of my knowledge;
3. I am aware of the requirements under the *Water Industry Competition Act 2006* (NSW) (WIC Act) for the licence being applied for;
4. the applicant corporation is not a disqualified corporation within the meaning of the WIC Act;
5. no director or person concerned in the management of the applicant corporation is, or would be, a disqualified individual within the meaning of the WIC Act;
6. I have the authority to make this application on behalf of the applicant (named in the application form accompanying this declaration);

and I make this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of the *Oaths Act 1900* (NSW).

Name of person making the declaration: Peter McVean

Title of person making the application: Chief Executive Officer

Signature of person making the declaration: \_\_\_\_\_

Declared at [place]: \_\_\_\_\_

On [date]: \_\_\_\_\_

Name of person making the declaration: Peter McVean

Title of person making the application: Chief Executive Officer

Signature of person making the declaration: \_\_\_\_\_

Declared at [place]: \_\_\_\_\_

On [date]: \_\_\_\_\_

In the presence of [name of witness]: Stephen Byrne

Signature of witness: \_\_\_\_\_

Title of witness: General Counsel

[Justice of the peace, Solicitor, other (specify)]

## **5(b) Acknowledgement**

An acknowledgement should be provided by:

- (a) company secretary and a director, or
- (b) 2 directors, or
- (c) in the case of a sole director, the sole director, or
- (d) such other person that IPART agrees may provide the acknowledgement.

The applicant (named in the application form accompanying this acknowledgement) agrees to IPART furnishing a copy of the applicant's completed application form, including any confidential information contained in that application form, to:

- the Minister administering the *Water Industry Competition Act 2006* (except Part 3);
- the Minister administering the *Public Health Act 1991* (NSW);
- the Minister administering Chapter 2 of the *Water Management Act 2000* (NSW);
- the Minister administering the *Environmental Planning and Assessment Act 1979* (NSW); and
- the Minister administering the *Protection of the Environment Operations Act 1997* (NSW);

in accordance with section 9(1) of the *Water Industry Competition Act 2006* (NSW) and clause 17 of the *Water Industry Competition (General) Regulation 2008* (NSW).

In the interest of expediting the processing of your application, would you please indicate below whether you agree to a copy of your completed application form (including any confidential information contained in that application form) being provided on a confidential basis directly to relevant departmental staff with responsibility to advise the Ministers named above on issues relating to the provision of water and sewerage services.

I **agree** that a copy of my completed application form (including any confidential information contained in that application form) may be provided to relevant departmental staff as outlined above.

I **do not agree** that a copy of my completed application form (including any confidential information contained in that application form) may be provided to relevant departmental staff as outlined above.

Name of person making the acknowledgement: Peter McVean

Title of person making the acknowledgement: Chief Executive Officer

*[Director / ~~Company Secretary~~]*

On *[date]*:

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Signature of person making the acknowledgement:

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Name of person making the acknowledgement: Stephen Byrne

Title of person making the acknowledgement: General Counsel

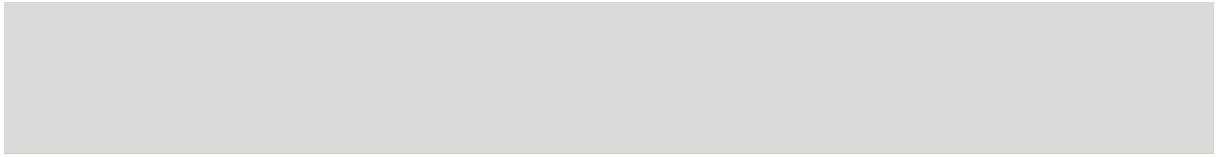
*[Director / Company Secretary]*

On *[date]*:

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Signature of person making the acknowledgement:

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## Pre-Lodgement Checklist

Use the following checklist to check that your Application Form has been completed correctly.

Item	Completed / Included?	Confirm Complete [Office Use Only]
<b>Part One: Introduction</b>		
Has the application fee been included with the application?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Have parts 1 (a) to 1 (m) of the Application Form been completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Have the following supporting documents been labelled and attached in an Appendix?		
<ul style="list-style-type: none"> <li>■ Documentary evidence or outline any discussions or agreements you have made or intend to make with intended customers/end users for the services to be provided by the infrastructure (where these exist at the time of application)</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Map of the area of operations for the activities to be licensed</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Documentary evidence or outline of any agreements, authorisations, contracts or licences that you have obtained or intend to obtain to access water or sewage source(s) and relevant infrastructure to meet your anticipated customer needs</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Part Two: Technical Capacity</b>		
Have parts 2 (a) to 2 (h) of the Application Form been completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Have the following supporting documents been labelled and attached in an Appendix?		
<ul style="list-style-type: none"> <li>■ Process flow diagram of the scheme (from source to end use)</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Independent validation of process or value engineering assessment of design (if available)</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Construction risk assessment</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Risk management policy and risk management plan (including risk register)</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Documentary evidence of any agreements or discussions with other service providers to secure alternative water supplies or sewerage services</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Copies of any relevant environmental, planning or other approvals</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Compliance or Regulatory Management Strategy</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



Item	Completed / Included?	Confirm Complete [Office Use Only]
<ul style="list-style-type: none"> <li>■ Documentary evidence of a performance monitoring framework</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Infrastructure operating plan (if available)</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Preliminary Risk Assessment (to be provided to NSW Health)</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Drinking water management plan, recycled water management plan or sewerage management plan, as relevant to your proposed activity (if available)</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Customer service charter, statement or policies</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Part Three: Organisational Structure and Capacity</b>		
Have parts 3 (a) to 3 (c) of the Application Form been completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Have the following supporting documents been labelled and attached in an Appendix?		
<ul style="list-style-type: none"> <li>■ Statutory Declarations (refer to Part 5 below) that your corporation is not a disqualified corporation and no director or persons concerned in the management of your corporation is or would be a disqualified individual</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Organisational Diagram of your corporation, including the corporations that own your corporation, and the corporations that your corporation owns or holds an interest in</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Detailed Resourcing Plan</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Part Four: Financial Capacity</b>		
Have parts 4 (a) to 4(f) of the Application Form been completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Have the following documents been labelled and attached in an Appendix?		
<ul style="list-style-type: none"> <li>■ Financial statements for past 3 years (preferably audited)</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Where annual financial statements are more than 3 months old, the latest available management reports showing: a trading statement, a profit and loss statement and a trial balance.</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Copies of tax returns for the last 3 years</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Credit rating memorandum (Standard &amp; Poor's, Moody's, Fitch), if available</li> </ul>	N/A	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ Projected cash flows for the next 5 years of operation</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> <li>■ A letter from a financial institution confirming indicative financing of your activity</li> </ul>	N/A	<input type="checkbox"/>

Item	Completed / Included?	Confirm Complete [Office Use Only]
<ul style="list-style-type: none"> <li>■ A certificate of currency for each type of insurance obtained</li> </ul>	☑	☐
<ul style="list-style-type: none"> <li>■ Details of itemised inclusions and exclusions for each type of insurance you hold</li> </ul>	☐	☐
<p><b>If you are a new corporation, supported by 1 or more parent entities, have the following documents been labelled and attached in an Appendix?</b></p>		
<ul style="list-style-type: none"> <li>■ copy of guarantee or cross deed of indemnity provided from the parent entity</li> </ul>	N/A	☐
<ul style="list-style-type: none"> <li>■ financial statements for the parent entity for the last 3 years</li> </ul>	N/A	☐
<p><b>Where you are a new corporation financed through alternative arrangements, have the following documents been labelled and attached in an Appendix?</b></p>		
<ul style="list-style-type: none"> <li>■ a letter from a financial institution certifying an existing or proposed line of credit</li> </ul>	N/A	☐
<ul style="list-style-type: none"> <li>■ copy of guarantee or cross deed of indemnity provided by an entity such as a holding company or a Director (including financial statements of the guarantor)</li> </ul>	N/A	☐
<p><b>Part Five: Statutory Declaration &amp; Acknowledgement</b></p>		
<p>Have the following supporting documents been labelled and attached in an Appendix?</p>		
<ul style="list-style-type: none"> <li>■ Statutory Declarations (refer to Part 3 above)</li> </ul>	☑	☐
<ul style="list-style-type: none"> <li>■ Acknowledgements</li> </ul>	☑	☐