

# **Network Operator and Retail Supplier Licence Application Form**

Water Industry Competition Act 2006

Discovery Point Water Application for variation to Network Operator's Licence No. 13\_025 to include Drinking Water

March 2014

**PUBLIC VERSION** 

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#### 1 Instructions

The Water Industry Competition Act 2006 (the WIC Act or Act) came into operation on 8 August 2008 and, among other things, provides for the licensing of private sector water utilities.

Under the WIC Act, the Minister for Finance and Services (the Minister) is responsible for granting the following licences:

- ▼ **Network Operator's Licence** for constructing, maintaining and operating water industry infrastructure.
- ▼ **Retail Supplier's Licence** to supply water or provide sewerage services, by means of water industry infrastructure.

The Independent Pricing and Regulatory Tribunal of NSW (IPART) is responsible for receiving and assessing licence applications and for the ongoing administration and enforcement of licences.

## 1.1 Who should complete this form?

This form is for corporations that wish to become licensees under the WIC Act. Under section 8(1) of the WIC Act, an application for a license can only be made by or on behalf of a corporation.

A copy of the WIC Act is available on the NSW Government's legislation website at www.legislation.nsw.gov.au.

#### 1.2 Information on filling out and submitting this form

#### 1.2.1 General instructions to applicants

The questions asked in the application form are designed to allow you to establish your capacity and expertise to carry out the proposed activities in compliance with your licence (if granted), the WIC Act and the Water Industry Competition (General) Regulation 2008 (the General Regulation).

Your response should include sufficient information to demonstrate an extensive understanding of the activities you are proposing to undertake, the issues or impacts associated with these activities, and the processes required to address or manage these issues or impacts. The information provided in your application should reflect the type, size, complexity and level of risk associated with the activities to be licensed.<sup>1</sup>

For example, a recycled water scheme involving a single source, basic treatment, and single pipeline to one commercial customer will be less complex and therefore require less supporting information than a multi-source scheme, with complex treatment and a pipe network ultimately supplying a mix of commercial and residential customers.

Following each question in the application form is an explanation (in italics) as to why we have requested the information and how it will be assessed in relation to the requirements of the WIC Act and the General Regulation. These explanations are provided as a general guide to help applicants understand the main ways in which the information sought is likely to be relevant for the assessment of their application. However, we may use the information provided for any other relevant purpose when we assess your application.

We will also have regard to the following licensing principles, in accordance with section 7 of the WIC Act:

- ▼ the protection of public health, the environment, public safety and consumers
- the encouragement of competition in the supply of water and the provision of sewerage services
- ▼ the ensuring of sustainability of water resources, and
- ▼ the promotion of production and use of recycled water.

Where more extensive information is required in response to a question (ie, example plans), the information is requested to be included as an appendix to the question. Unless indicated otherwise the appendices must be attached to the application to ensure there is sufficient information for IPART to make an assessment in accordance with the relevant legislation. An application that does not attach the necessary appendices may be considered to be an incomplete application resulting in a delay in processing. All appendices should be labelled as per the instructions.

#### 1.2.2 **Confidential information**

IPART uses open public processes to consider applications and must invite submissions on applications from the public. Unless they are confidential, we treat your applications and appendices as public documents. We publish these documents on our website and distribute them to interested parties as appropriate.

Subject to our disclosure obligations (referred to below), we will treat as confidential the financial information that we request for the purposes of your application. We may share that information with our consultants, but will do so on a confidential basis.

You should let us know if you consider other aspects of your application to be confidential so that we can discuss your confidentiality concerns with you.

You should provide separate confidential and public copies of your application. In particular, you 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 the confidential information, for publication and distribution by IPART.

If we agree with all your confidentiality concerns, we will only publish the public application on our website. However we will furnish a copy of the confidential application to the Ministers specified by the WIC Act and regulations, as we are required to do under section 9(1)(b) of the WIC Act.

Please note that third parties may apply under the *Government Information (Public Access) Act* 2009 for access to applications, including applications that contain confidential information. If we receive such an application, we will determine disclosure in accordance with that Act.

Where an application includes personal information, IPART will deal with that information in accordance with the information protection principles set out in the *Privacy and Personal Information Protection Act* 1998.

#### 1.2.3 Is there an application fee?

The application fee for a network operator's licence is \$2,500. The application fee for a retail supplier's licence is \$2,500. If you are applying for both a network operator's licence and retail supplier's licence, the fee is \$5,000.

The appropriate licence application fee should be paid 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

Reference: WICA app

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

Please note that once an application has been submitted, the application fee(s) will not be refunded if the application is rejected or withdrawn.

#### 1.2.4 How do you submit the application?

You must submit one hard copy and one electronic copy of each of the versions (public and confidential) of the completed application form and appendices. You may wish to password protect your electronic confidential version. If so, we will contact you to request the password following submission of your application.

The electronic copy should consist of separate files for the application and the appendices for each of the sections. Where there is more than one appendix in a section, they should be combined into a single electronic file. For example, section 3 will have appendices 3.2.1 and 3.6.1 - these appendices should be combined into one electronic file. A summary of the appendices is included in attachment A to this form.

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

In person	Via email	Via post
Attention: Water Licensing	Attention: Water Licensing	Attention: Water Licensing
Independent Pricing and Regulatory Tribunal	Independent Pricing and Regulatory Tribunal	Independent Pricing and Regulatory Tribunal
Level 8		PO Box Q290
1 Market Street	compliance@ipart.nsw.gov.au	QVB Post Office
Sydney NSW 2000		Sydney NSW 1230

#### 1.3 If you require further information

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

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

We encourage you to discuss your licence application form and obtain assistance from the Water 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.

#### 1.4 Where to from here?

## 1.4.1 What will happen next?

IPART will check that your application form is complete and that you have supplied all the necessary information and supporting documentation.

If your application is complete, we will undertake consultation and a detailed assessment before preparing a recommendation to the Minister to either grant or refuse the licence(s).

If the application is incomplete, it will not be processed and you will be asked in writing to supply the outstanding information. This is likely to delay the detailed assessment of your application. We may also request additional information in response to submission or our detailed assessment of your application.

If you wish you can withdraw your application at any stage during the process.

IPART uses our best endeavors to process applications quickly. Complete applications are generally processed between 6 to 8 months depending on the complexity of the project.

#### 1.4.2 Audits and ongoing compliance obligations

Licensing obligations are set out in the Water Industry Competition Act 2006 and Water Industry Competition (General) Regulation 2008, which also sets out standard licence conditions.

IPART has also prepared a series of fact sheets explaining the audit and compliance obligations following the grant of a WIC Act licence.

It is particularly important to note that the granting of a network licence does not allow the licensee to bring any *new* water or sewerage infrastructure into immediate commercial operation. A licensee must also obtain approval from the Minister before commencing commercial operation of new water or sewerage infrastructure.

For further information, please refer to the following fact sheets or contact the Water Licensing team at IPART on the details provided above.

#### Fact sheets:

- ▼ Summary of Audit Framework
- **▼** Commercial operation of new infrastructure
- ▼ Register of licences and other publicly available information
- ▼ Potable water services public health requirements
- **▼** *Water recycling public health requirement.*

These documents can be downloaded from the IPART website, http://www.ipart.nsw.gov.au/water/private-sector-licensing/private-sectorlicensing.asp.

#### 2 **Contact Information**

To be completed by all applicants

#### 2.1 **Contact Details**

You need to nominate a primary contact person for all communication and correspondence between the corporation applying for a licence and IPART. This person must be a senior officer of the applicant corporation and not an external consultant. Ideally, this person's role within the corporation will be related to the project/activity to be licensed, and they must have the authority to speak on behalf of

the applicant.	tney must have the authority to speak on behalf of
PRIMARY CONTACT	
Full name	
Steve Hall	
Position title	Email address
Executive Manager Project Delivery	shall@flowsystems.com.au
Business telephone number	Mobile telephone number
02 8016 1015	0408 483 028
Postal address for correspondence	
ADDRESS	
PO Box R455, Royal Exchange, Sydney	
STATE	POST CODE
NSW	1225
SECONDARY CONTACT	
☑Please check if the secondary contact s	should be copied into all correspondence.
Full name	
Stephen McKewen	
Position title	Email address
Chief Operating Officer	smckewen@flowsystems.com.au
Business telephone number	Mobile telephone number
02 8016 1003	0404 486 939
Postal address for correspondence	
ADDRESS	
PO Box R455, Royal Exchange, Sydney	
STATE	POST CODE
NSW	1225

#### 3 **General Information**

To be completed by all applicants

3.1 Applicant Details			
3.1.1		corporation applying fo	lowing information for the r the licence. Please note an e made by or on behalf of a
Your response to this question is use assessment of your application. The in the licence (Act s.6(1)(a)), if a licence is	formation		
* These are searches of databases kep Insolvency and Trustee Service Australia corporations registered under the Corpor	a ( <b>ITSA</b> ), and	d Office of the Registrar of	f Indigenous Corporations (for
Corporation name			
Discovery Point Water Pty Ltd ('DPW')			
ABN/ARBN			ACN
15 142 392 541			142 392 541
Corporation's registered office			L
ADDRESS			
Suite 201, Level 2, 1 Alfred Street			
Sydney			
STATE			
NSW			2000
Corporation's principal place of busine	ess		
ADDRESS			
Suite 201, Level 2, 1 Alfred Street			
Sydney			
STATE			POST CODE
NSW			2000
	Please provide the following information for the Chief Executive Officer and ALL Directors of the applicant corporation		
Your response to this question is used in ASIC, ITSA and CATSI searches to determine that the named individual(s) are not disqualified individual(s) and that the applicant corporation is not a disqualified corporation (Act, s10(3)). The information will also be used to assess, among other things, the applicant corporation's organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).			
PERSON ONE			
Full name		Terence James Leckie	
Position title		Managing Director/Chie	ef Executive Officer
Date of birth			
Residential Address			

ADDRESS	
STATE	POST CODE
DEDCON TWO	
PERSON TWO	
Full name	Stephen John McKewen
Position title	Director, Chief Operating Officer
Date of birth	
Residential address	
ADDRESS	
STATE	POST CODE
JANE	1031 6052
3.2 Activities for which a licence is	sought
Please check ALL the applicable boxes for which y	
	ecify the activities that the applicant corporation w l), if a licence is granted. The response to this questi
is a requirement for any network operator's licen-	
3.2.1	NETWORK OPERATOR (to construct, maintain ar
	operate water industry infrastructure)
	☑ Water infrastructure - drinking water
	☐ Water infrastructure – non potable water (including recycled water)
	☐ Sewerage infrastructure
3.2.2	<b>RETAIL SUPPLIERS</b> (to supply water or provide sewerage services)
	Supply of drinking water
	Supply of non-potable water
	Provision of sewerage services
	-
3.2.3	Have you commenced any of the activities for which you are seeking a licence?
For example, you may have commenced constru- to customers.	ction, commercial operation and/or supply of service
	Yes please go to 3.2.4 No please go to
	3.2.5
3.2.4	Please briefly describe the activities that you have commenced including the date(s) on which they commenced.
Your response to the following question will be a apply to the project.	ised to determine whether transitional arrangemen
N/A	

3.2.5	Please outline the approximate date you anticipate commencing the activities for which you are seeking a licence, if they have not yet commenced. For example, construction of the network infrastructure July 2014, construction of the water treatment plant December 2014, operation of the
	water treatment plant June 2015, supply to small
	retail customers August 2015.

Your response to the following question will be used as background information for the project.

Discovery Point Water Pty Ltd ('DPW', formerly known as Discovery Point Water Factory Pty Ltd or DPWF prior to 7 November 2013) has been engaged by Discovery Point Pty Ltd ('the Developer'), as the private water utility for the urban development area at Wolli Creek, NSW known as Discovery Point (the 'Development').

A Water Industry Competition Act 2006 ('WICA') network operator's licence for recycled water and sewerage was granted to DPW on 4 December 2013 (Licence No. 13 025).

DPW is seeking to vary this network operator's licence to include drinking water. The intended date to start providing drinking water to the Development is June 2014.

Refer to Appendix 3.2.5 DPW Network Operator's Licence No. 13 025

#### 3.3 **Insurance Details**

3.3.1	What types of insurance do you have or intend to obtain particularly in relation to the activities for which you are seeking a licence? Provide details of the level (i.e. amount) of insurance you are covered or intend to be covered by for each type. Include a summary of itemised inclusions and exclusions for each type of insurance you hold. Attach copies of all relevant insurance certificates in Appendix 3.3.1.

Types of insurance may include but are not limited to professional indemnity insurance, public liability insurance, workers' compensation and product liability insurance.

Your response to this question will be used to ascertain whether the applicant corporation has made appropriate arrangements with respect to insurance (Act s10(4)(c)).

Туре	Amount
Workers Compensation	Full amount of the employer's liability under the Workers Compensation Act 1987
Public & Products Liability	\$50,000,000
Professional Indemnity	\$10,000,000
Plant & Equipment	\$4,400,000

3.3.2	Explain why the level of cover provided or proposed by your insurer is sufficient for the size and nature of your proposed activities

For existing (brownfield) schemes, you must provide us with a report from an independent insurance broker which holds an Australian financial services licence under Part 7.6 of the Corporations Act 2001 (Cth) for the provision of insurance broking services ("Insurance Expert"), that:

(a) identifies the key risks of undertaking the activities to be authorised under the licence (if granted)

- (b) sets out the types and levels of insurance obtained by you in relation to the activities being undertaken
- (c) certifies whether, in the Insurance Expert's opinion, the type and level of insurance obtained by you is appropriate for the size and nature of the activities to be authorised under the licence
- (d) provides reasons as to why the types and levels of insurance are appropriate for the size and nature of the activities being undertaken, and
- (e) if any risks arising from undertaking the activities remain uninsured, provides reasons as to

Your response to this question will be used to ascertain whether the applicant corporation has made appropriate arrangements with respect to insurance (Act s.10(4)(c)).

David Michell Dip F.S. (Broker) from The Protectors Insurance Brokers Pty Ltd has reviewed all insurances required by Flow Systems (DPW's parent) in connection with its business and has arranged the above insurance cover to match the business requirements. Flow Systems reviews its insurances annually with The Protectors Insurance Brokers Pty Ltd to ensure that its insurance arrangements are adequate for its requirements.

Also, a comprehensive whole-of-business and project-specific insurance risk assessment for the Scheme will be conducted as part of this licensing process by an insurance expert in satisfaction of IPART's standard licensing condition in that regard.

#### 3.4 Third parties undertaking activities

3.4.1	If you intend on using third parties to undertake any
	significant activities for which you are seeking a licence (eg,
	construction of the reticulation network, management of the
	billing system) please provide their details below. If there are
	multiple third parties please provide the details for each party
	as well as an explanation of the activities it will be
	undertaking.

Third parties undertaking minor sub-contracting works on behalf of the applicant corporation such as electrical or plumbing contractors do not need to be named in the application. If you are unsure of whether the works are significant or otherwise please include the details or contact IPART.

Your response to this question will be used to determine whether any other persons should be specified on the licence (Act s.6(1)(a)), if a licence is granted. Where applicable, information from those third parties named may also be used to assess the applicant corporation's technical, organisational and financial capacity to undertake the activities for which it is seeking a licence.

#### Corporation name:

Flow Systems Pty Ltd [formerly named Water Factory Company Pty Ltd ('WFC') prior to 25 June 2013]

ABN	ACN
28 136 272 298	136 272 298
Corporation's registered office	

#### **ADDRESS**

Suite 201 Level 2 1 Alfred Street

Suite 201, Level 2, 1 Aireu Street	
STATE	POST CODE
NSW	2000

Please provide a detailed description of the activities that the third party, named above, will undertake on the applicant corporation's behalf.

Flow Systems (www.flowsystems.com.au) is the parent company of DPW which is a special purpose utility wholly-owned by Flow Systems and established especially for the Discovery Point project. Full business support (including all technical, financial, organizational, administrative, and retail supplier management services) is provided by Flow Systems to all of its water utility subsidiaries, including DPW, under standard group corporate services arrangements.

Refer to Appendix 3.4.1(a) Certificate of Registration on Change of Name

Please provide details of the contractual arrangements the applicant corporation has in place with the third party, named above, to ensure the third party undertakes the activities in accordance with the licence (if granted).

#### Commercial in confidence

#### Corporation name:

Discovery Point Pty Ltd being the development vehicle owned by Australand Holdings Ltd (the Developer) in relation to its urban development known as 'Discovery Point' at Wolli Creek, NSW (the 'Development').

ABN	ACN
	102 882 342

#### Corporation's registered office

#### **ADDRESS**

Australand Holdings Ltd, Level 3, Building C, 1 Homebush Bay Drive, Rhodes

STATE	POST CODE
NSW	2138

Please provide a detailed description of the activities that the third party, named above, will undertake on the applicant corporation's behalf.

The Developer will construct the drinking water infrastructure within the Discovery Point development from the individual plumbing fixtures (eg. taps, showers, etc.) to the interconnection point with the Sydney Water water supply network.

Please provide details of the contractual arrangements the applicant corporation has in place with the third party, named above, to ensure the third party undertakes the activities in accordance with the licence (if granted).

#### Commercial in confidence

Corporation name:

#### Sydney Water Corporation ('Sydney Water')

ABN	ACN
49 776 225 038	776 225 038

## Corporation's registered office

#### **ADDRESS**

#### 1 Smith Street, Parramatta

STATE	POST CODE
NSW	2150

Please provide a detailed description of the activities that the third party, named above, will undertake on the applicant corporation's behalf.

#### Supply of bulk drinking water to DPW.

Please provide details of the contractual arrangements the applicant corporation has in place with the third party, named above, to ensure the third party undertakes the activities in accordance with the licence (if granted).

DPW are currently in the process of finalising an inter-utility services agreement with Sydney Water which will set out the commercial terms and conditions for supply of bulk drinking water to DPW (in addition to other items related to DPW's existing network operator's licence, eg. trade waste

discharge to sewer).

In the interim, a Water Servicing Strategy for the Discovery Point development area has been prepared by the Developer's consultant (Cardno) at the request of Sydney Water. This document has been reviewed by Sydney Water and will be used as a technical basis for the subsequent utility services agreement.

Refer Appendix 3.4.1(e) Discovery Point Water Servicing Strategy

## 3.5 Other regulatory approvals

#### 3.5.1

Please list any other regulatory approvals that have been obtained (or are being sought) for any of the activities for which the applicant corporation is seeking a licence. Include any regulatory approvals also related to the activities or the project. Such approvals may include development consents for a housing development under the *Environmental Planning and Assessment Act 1979*, section 68 approval under the *Local Government Act 1993*, an Environment Protection Licence under the *Protection of the Environment Operations Act 1997*. **Provide a copy of any other regulatory approvals and/or licences in Appendix 3.5.1**.

Your response to this question will be used to determine whether IPART needs to co-ordinate this approvals process with other regulatory authorities. Information required in other approval processes may also be requested and used by us in determining this licence application.

DPW has been granted a network operator's licence dated 4 December 2013 (Licence No. 13\_025) for provision of recycled water and sewerage to the Discovery Point Development.

Refer to Appendix 3.2.5 DPW Network Operator's Licence No. 13\_025

Discovery Point Pty Ltd have been granted numerous development consents for the Discovery Point development under the *Environmental Planning and Assessment Act 1979* (EP&A Act) including MP 10\_0003 - Concept Plan for Mixed Use Development (including various modifications) determined under Part 3A of the EP&A Act as well as numerous Development Applications determined under Part 4 of the EP&A Act.

Refer to NSW Planning & Infrastructure website:

http://majorprojects.planning.nsw.gov.au/index.pl?action=search&page\_id=&search=Discovery+Point &authority\_id=539&search\_site\_type\_id=&reference\_table=&status\_id=&decider=&from\_date=&to\_date=&x=47&y=12

#### 3.6 Monopoly supply

#### 3.6.1

In your opinion, will the supply of water and/ or sewage services to customers be a monopoly service? If yes, please specify whether the monopoly service is in relation to:

- ▼ a specified water supply or sewerage service, and
- ▼ a specified area, and
- ▼ a specified class of customers.

Your response to this question will be used to determine whether the Minister should consider declaring the licensee a monopoly supplier in accordance with section 51 of the WIC Act.

No. The proposed supply of drinking water by DPW is not a monopoly. The licence area proposed by DPW is already serviced by Sydney Water. Therefore the customer will have the ability to choose who will provide their drinking water services.

Refer to Appendix 4.1.1(b) Confirmation email from Sydney Water

#### 3.7 **Licensing principles**

#### 3.7.1

How does your proposed activity address the following principles (if applicable):

- ▼ The protection of public health, the environment, public safety and consumers
- ▼ The encouragement of competition in the supply of water and the provision of sewerage services
- ▼ The ensuring of sustainability of water resources
- The promotion of production and use of recycled water?

Your response to this question will be used in consideration of the licensing principles, in accordance with section 7 of the WIC Act

#### Protection of public health, the environment, public safety and consumers

Public health, the environment, public safety and consumers will be protected through the following:

- DPW will only supply drinking water sourced from Sydney Water's potable water network which has been produced and transported in full compliance with all relevant Australian standards.
- DPW will ensure that our infrastructure operations and maintenance arrangements include relevant measures for the protection of public health, public safety and consumers, including incident/emergency response plans, business continuity and disaster recovery plans.
- DPW will ensure that all water supply infrastructure within the development area is constructed and maintained in accordance with all relevant laws and regulations (ie. Plumbing Code of Australia).

#### **Encouragement of competition**

Currently each incumbent public water utility provider has a monopoly in their respective catchment areas on water services in the state of NSW. The license will enable private sector to compete in the provision of requisite infrastructure and delivery of resulting services to owners of properties within the development area.

Hence, competition is promoted within the incumbent's usual area of operation.

#### Sustainability of water resources

The licensed activities will provide drinking water for potable uses in parallel with DPW's approved recycled water scheme which will reduce the overall consumption of drinking water for non-potable uses (ie. toilet flushing, irrigation, clothes washing, car washing and water features).

# 4 Network Operator

You need to complete the following section of this form if the applicant corporation is seeking a <u>network operator's licence</u>. Please note the sections are divided into the types of infrastructure as follows:

- 4.1 Water infrastructure drinking water
- ▼ 4.2 Water infrastructure non potable water (including recycled water and stormwater reuse)
- ▼ 4.3 Sewerage infrastructure.

Please complete only those sections that relate to your response in question 3.3.1 above.

## 4.1 Water infrastructure – drinking water

Only provide a response to the questions in the following section if the applicant corporation is seeking a licence for the construction, maintenance and operation of <u>water infrastructure for the</u> supply of drinking water.

#### 4.1.1

Describe the proposed drinking water infrastructure from the source of the drinking water through to the end use (i.e. catchment to tap). Please include in your description all of the infrastructure for which the applicant corporation is seeking a licence. This will include any infrastructure that is to be used for the production, treatment, filtration, storage, conveyance or reticulation of the drinking water. Please list all sources and end uses in the description. Identify the infrastructure for which the applicant corporation is seeking a licence. Provide a detailed process flow diagram of the proposed infrastructure from source to end use in Appendix 4.1.1.

You must attach a process flow diagram in response to this question. The process flow diagram should only include the drinking water infrastructure where the scheme includes more than one type of infrastructure and must cover the process from source to end use. You may also include a piping and instrumentation diagram for additional information.

The response to this question will be used to draft a proposed licence. The licence will specify the type of water industry infrastructure, if a licence is granted (Act s.6(1)(a)). The response will also be used to ensure you have applied for the correct licence(s) and as a context for our assessment of the applicant corporation's technical, organisational and financial capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### Source water

DPW will source drinking water from Sydney Water's water supply network adjoining the development area. Advice from Sydney Water confirms commitment to agree commercial arrangements for bulk drinking water supply to DPW in the same manner as currently being provided to Central Park Water (DPW's sister company), ie. via an inter-utility services agreement.

#### Drinking water infrastructure to be licensed

The drinking water infrastructure for which DPW is seeking to vary its existing network operator's licence consists of the "horizontal" building connection pipework between the respective interconnection points with Sydney Water's water supply network, terminating at the downstream point at which the building connection pipework becomes "vertical" to feed each of the respective building levels. The infrastructure to be licenced also includes the individual sub-meters for each drinking water pipe to apartments and other strata areas (eg. retail shops), which will be installed at

various locations throughout the development (eg. some meters will be located within apartments/retail shops, while others will be located in common property areas).

#### "Non-licensed" drinking water infrastructure

The drinking water connections between Sydney Water's network and each building will also have a Sydney Water bulk drinking water meter installed at various locations, typically somewhere along the "horizontal" pipework within each building. These Sydney Water bulk water meters are not drinking water infrastructure to be included in DPW's licence.

There will also be additional drinking water infrastructure beyond the terminal limits of the infrastructure sought to be included in DPW's licence, ie. downstream of where the pipework becomes "vertical" to feed each of the respective building levels. This infrastructure includes the various components of internal building plumbing reticulating off the "horizontal" building connection pipework to feed the various end uses within the development (ie. hot and cold drinking water plumbed to kitchens/bathrooms/laundries, and cold water for swimming pools). This "non-licensed" drinking water infrastructure includes various internal pipework and valving, the booster pumps in the basement of each multi-level apartment building, as well as the systems for centrally heating drinking water on the roof of each building and reticulating it via hot water pipelines to each individual apartment.

Refer to Appendix 4.1.1(a) Process Flow Diagram – Potable Water

Refer to Appendix 4.1.1(b) Confirmation email from Sydney Water

#### 4.1.2

Describe whether the infrastructure is existing infrastructure or is to be constructed. If the infrastructure is existing, please describe its current condition and operability. If the infrastructure is a mixture of existing and to be constructed identify the infrastructure as existing or to be constructed on the process flow diagram in Appendix 4.1.1.

The response to this question will be used as a context for the assessment of environmental risks from the proposed scheme (Act s.10(4)(e), Reg cl.7).

All of the drinking water infrastructure within the proposed licence area will be new infrastructure to be constructed by the Developer. Connections will be made to Sydney Water's existing water supply network however the drinking water infrastructure upstream of the interconnection point will be Sydney Water's responsibility.

#### 4.1.3

Describe the <u>location</u> of the proposed infrastructure. For example include:

- ▼ the identification of specific lot descriptors (e.g. lot and DP numbers) for the production, treatment, filtration and/or storage infrastructure.
- the location of infrastructure for the conveyance and/or reticulation of drinking water by street name, local government area or other description as appropriate to the size of the scheme.

Provide a map showing the location of the proposed infrastructure from source to end use in Appendix 4.1.3.

The map may include all water industry infrastructure (ie, drinking water, non-potable water and/or sewerage) where the scheme includes more than one type of infrastructure.

The response to this question is a requirement for any network operator's licence (Reg cl.6(1)(a)). The response to this question will be used to specify the authorised area of operations (Act s.11(1)), if a licence is granted. The response will also be used as a context for the assessment of environmental risks from the proposed scheme (Act s.10(4)(e), Reg cl.7).

The location of the proposed drinking water infrastructure to be licensed is within and throughout the authorised area of operations specified in DPW's existing network operator's licence (No. 13\_025).

4.1.4

Describe any interconnections between the proposed drinking water infrastructure

and other infrastructure not part of this scheme (e.g. interconnections with other licensed network operators or public utilities). Identify in your description who is responsible for the construction, operation and maintenance of which infrastructure. Identify all interconnections with other infrastructure on the process flow diagram in Appendix 4.1.1 and the map in Appendix 4.1.3.

The response to this question will be used to ensure the correct area of operation is specified in the licence, if a licence is granted (Act s.11(1)). The response will also be used as a context for the assessment of risks from the proposed scheme and to identify possible additional licence conditions relating to the inter-connected systems and responsibilities for risks.

#### Interconnections with Sydney Water

As described in 4.1.1, there will be an interconnection between the proposed new drinking water infrastructure and Sydney Water's water supply network for each new building in the development area. The point of interconnection will typically consist of an isolation valve installed immediately downstream of a tee junction on the Sydney Water water main.

#### Responsibility for construction, operation and maintenance of Sydney Water-owned infrastructure

The Developer is responsible for constructing all new drinking water infrastructure, including extension or amplification of Sydney Water's water supply network. Any new drinking water infrastructure required by Sydney Water to extend or amplify their existing water supply network is constructed by the Developer and then dedicated to Sydney Water in accordance with Sydney Water's Section 73 Compliance Certificate process.

Following the issue of the Section 73 Compliance Certificate(s), Sydney Water will take ownership of the extended or amplified water supply network and thereafter is responsible for operating and maintaining all components of their water supply network.

As set out in section 7.3.2, none of the Sydney Water-owned drinking water infrastructure needs to be included in the proposed variation to DPW's network operator's licence.

#### Responsibility for construction, operation and maintenance of DPW-owned infrastructure

The Developer is responsible for constructing all new drinking water infrastructure, including any components to be dedicated to DPW in accordance with the Project Delivery Agreement referenced at section 3.4.1.

DPW will be responsible for operating and maintaining the "horizontal" drinking water infrastructure for which DPW is seeking a licence (including individual sub-meters but excluding Sydney Water's bulk water meters), which may be generally described as the building connection pipework extending from the interconnection point with Sydney Water's network to the point of transition from "horizontal" to "vertical" pipework (ie. apart from individual sub-meters, any components of internal building plumbing feeding off the "horizontal" connection pipe or the drinking water riser downstream of the building booster pump set is not included in the proposed variation to DPW's network operator's licence).

# Responsibility for construction, operation and maintenance of Owner's Cooperative-owned infrastructure

The Developer is responsible for constructing all new drinking water infrastructure, including any components to be dedicated to the respective Owner's Cooperatives for each building and associated common areas.

As described above, DPW will be responsible for operating and maintaining all of the "horizontal" drinking water infrastructure for which DPW is seeking a licence (including individual sub-meters but excluding Sydney Water's bulk water meters), extending from the interconnection point with Sydney Water's network to the point of transition from "horizontal" to "vertical" pipework.

The respective Owner's Cooperative will be responsible for operating and maintaining the non-licensed drinking water infrastructure downstream of the point of transition from "horizontal" to "vertical" pipework and/or any components of internal building plumbing feeding off the "horizontal" connection pipe or the drinking water riser downstream of the building booster pump set.

Responsibility for construction, operation and maintenance of drinking water infrastructure within individual apartments

The Developer is responsible for constructing all new drinking water infrastructure, including any components (eg. internal apartment pipework and plumbing fixtures) within the ownership title of each apartment to be transferred at the time of settlement.

The respective apartment owners will be responsible for operating and maintaining all internal apartment plumbing (excluding any sub-meters where installed within apartments).

Refer to Appendix 4.1.4 Drinking Water Infrastructure Ownership & Responsibility Schematic

#### 4.1.5

Where applicable, describe the connection point to customers or end users (e.g. the customer connection point may be a water meter). Identify in your description who is responsible for the construction, operation and maintenance of which infrastructure. Identify all customer and/or end user connections on the process flow diagram in Appendix 4.1.1 and the map in Appendix 4.1.3.

The response to this question will be used to ensure the correct area of operation is specified in the licence, if a licence is granted (Act s.11(1)). The response will also be used as a context for the assessment of risks from the proposed scheme.

The customer connection points for the drinking water infrastructure to be licensed under DPW's network operator's licence will be the respective points of transition from the "horizontal" pipework (interconnecting each building to Sydney Water's water supply network) to the "vertical" pipework that feeds each of the respective building levels and/or any components of internal building plumbing feeding off the "horizontal" connection pipe. This is shown schematically at Appendix 4.1.4.

The construction, operation and maintenance responsibilities for the various components of licensed and non-licensed drinking water infrastructure are explained in section 4.1.4.

Refer to Appendix 4.1.4 Drinking Water Infrastructure Ownership & Responsibility Schematic

#### 4.1.6

What volume of water is available from the proposed source? Where applicable, please provide the capacity of the source and the (allowable) average daily extraction rate from the source. If there is more than one source, please provide the requested information for each of the sources. Where relevant, provide a copy of any agreements and/or licences to access the source water in Appendix 4.1.6.

The response will also be used as a context for the assessment of the technical, organisational and financial capacity of the applicant corporation (Act s.10(4)(a)).

DPW will source drinking water from Sydney Water's water supply network to service the development end users of potable water. The total volume of drinking water sourced will meet the development demand as set out in the Water Servicing Strategy prepared by Cardno, per the email from Sydney Water confirming that they have sufficient capacity to service the entire development.

Refer Appendix 3.4.1(e) Discovery Point Water Servicing Strategy

Refer to Appendix 4.1.1(b) Confirmation email from Sydney Water

DPW is currently negotiating the commercial terms of the inter-utility services agreement with Sydney Water. The agreement will detail required flow rates/volumes, pressure and quality. The terms of this agreement will be similar to those used in the inter-utility services agreement with Sydney Water for the supply of bulk drinking water to Central Park Water (DPW's sister company).

## 4.1.7

What volume of water will be treated by the scheme? Please provide the average and peak daily flow rates <u>treated by</u> the scheme.

This information will be used to determine the fee category for the scheme, if a licence is granted. The response to this question may be used to draft a proposed licence, if a licence is granted.

There will not be any drinking water treated by the scheme. All drinking water provided to the development will be treated water supplied by Sydney Water's existing water supply network. 4.1.8 What volume of drinking water will be produced by the scheme? Please provide the average and peak daily volume supplied to end users or retail suppliers.

This information will be used to assess the retail supplier's obligation not to over commit, if a licence is granted. The response to this question may be used to draft a proposed licence, if a licence is granted.

DPW will supply drinking water to meet the development end users' average and peak daily demands as follows:

• 419kL/day (average daily demand) and 66kL/hr (peak hourly demand) – these are maximum demands assuming no recycled water supply.

#### 4.1.9

Provide your preliminary risk assessment for the scheme from source to end use in Appendix 4.1.9. It is important that your preliminary risk assessment accurately identifies any hazards present in the source water or likely to result from the proposed treatment process. The risk assessment will also address the intended, inadvertent and unauthorised end uses (and therefore routes of exposure) to the water. The preliminary risk assessment will identify any reasonably foreseeable risk event with the potential to expose people or the environment to hazards. The preliminary risk assessment will outline the broad mitigation measures where the risk of exposure to a hazard is unacceptable to human health or the environment in order to reduce the risk of exposure.

The risk assessment must also identify the events and circumstances that could adversely affect the applicant corporation's ability to carry out the activities for which the licence is sought (including any activities undertaken by a nominated third party), the probability of the occurrence of any such event or circumstance and the measures to be taken by the applicant corporation to prevent or minimise the likelihood of any such event or circumstance.

The preliminary risk assessment should demonstrate the application of a consistent methodology for identifying hazards and assessing potential impacts and risks to health and the environment. We strongly recommend that the applicant corporation utilises an established risk management system, such as outlined in AS/NZS ISO 31000:2009 (Risk management – Principles and guidelines), which is consistent with the approach outlined in the Australian Drinking Water Guidelines (element 2).

The response to this question is a requirement for any network operator's licence for water infrastructure (Reg cl.6(1)(b) and cl.6(1)(c)(ii)). The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)). The response to this question will also be used to draft a proposed licence. The licence will specify the purpose for which the infrastructure can be used, if a licence is granted (Act s.6(1)(a)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

The preliminary risk assessment is a commercial in confidence document.

The preparation of the preliminary risk assessment was undertaken in accordance with the following sections of the "Australian Guidelines for Water Recycling: Managing Health and Environmental Risks (Phase 1) 2006":

- Section 2.2.4 Hazard identification and risk assessment
- Section 2.3 Preventative measures for recycled water management
- Section 2.3.1 Preventative measures and multiple barriers
- Section 2.3.2 Critical control points

#### 4.1.10

Describe how the 12 elements of the framework for the management of drinking water quality, as detailed in the Australian Drinking Water Guidelines (ADWG), have been addressed and will be implemented and maintained. Provide evidence of the applicant corporation's capacity to implement the 12 elements of the framework in the ADWG in Appendix 4.1.10.

The evidence should be in the form of management plans for either the proposed scheme or other similar schemes undertaken by the applicant corporation, or in a comprehensive statement detailing the process by which the management plan will be developed. For existing (brownfield) schemes you should provide the actual water quality plan for the site.

The response to this question is a requirement for any network operator licence for water infrastructure (Reg cl.6(1)(d)(i)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

The majority of the 12 elements of the framework for the management of drinking water quality will be covered by Sydney Water as the producer and bulk supplier of drinking water. DPW will further address each of the 12 elements in its Water Quality Plan - Drinking Water.

DPW's parent company Flow Systems and its various subsidiaries (eg. Central Park Water, Pitt Town Water), have demonstrated previously that it has the capacity to implement and maintain the 12 element approach for both drinking water and recycled water. Flow Systems' capacity to develop and implement a Water Quality Plan is evidenced by independent audit by an IPART-approved auditor (Water Futures) confirming that the requirements of the WIC Act have been met for Central Park Water (for drinking water and sewerage) and Pitt Town Water (for recycled water and sewerage).

Flow Systems will support DPW in the development of the Water Quality Plan - Drinking Water documentation that embodies the 12 element approach.

Refer to Appendix 4.1.10(b) WIC Act New Infrastructure Audit Report\_Central Park

Refer to Appendix 4.1.10(c) WIC Act Licence Plan Audit Report Central Park

Refer to Appendix 4.1.10(d) WIC Act NOL Audit Report Pitt Town

#### 4.1.11 How will the continuity of supply of the drinking water be ensured? contingency plans are in place in the case of failure of the infrastructure? What alternative supplies of drinking water will be used when the infrastructure is inoperable?

The response to this question is a requirement for any network operator's licence for water infrastructure (Reg cl.6(1)(c)). The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

Continuity of drinking water supply will be ensured via the commercial agreement that DPW will have with Sydney Water which will include parameters such as reliability of flow rate, pressure and quality. The terms of this agreement will be similar to those used in the inter-utility services agreement with Sydney Water for the supply of bulk drinking water to Central Park Water (DPW's sister company).

DPW will develop detailed contingency plans in the event of infrastructure failure. These contingency plans will be a component of the Infrastructure Operating Plan and will include:

- Minimisation of drinking water demand through customer notifications.
- Rapid response to rectify infrastructure failure.

#### 4.1.12 Describe the systems and processes that the applicant corporation will have in place to manage the water infrastructure. Provide evidence of the applicant corporation's capacity to develop and implement an infrastructure operating plan in Appendix 4.1.12.

The evidence may include examples of processes and procedures for either the proposed scheme or other similar schemes undertaken by the applicant corporation. The processes and/or procedures should demonstrate good operational practice including life cycle planning, system redundancy, contingency planning, condition monitoring, management maintenance processes and processes of supporting skills needs. The examples should demonstrate links to a risk management process. For existing (brownfield) schemes you should provide the actual water quality plan for the site.

The response to this question is a requirement for any network operator's licence for water infrastructure (Reg cl.6(1)(c)). The response will be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

The systems and processes for the drinking water infrastructure will be similar to those currently being prepared for Central Park Water.

Central Park Water and DPW are sister companies and both are wholly owned subsidiaries of Flow Systems. Flow Systems will assist DPW to develop and implement both a Water Quality Plan – Drinking Water (as outlined in section 4.1.10) and an Infrastructure Operating Plan.

Flow Systems' capacity to develop and implement appropriate Water Quality Plans and Infrastructure Operating Plans is evidenced by independent audit by an IPART-approved auditor (Water Futures) confirming that the requirements of the WIC Act have been met for Central Park Water (for drinking water and sewerage) and Pitt Town Water (for recycled water and sewerage).

Evidence is also provided by Ministerial approval to commence commercial operation for Pitt Town Water (1 June 2012) and Central Park Water (23 January 2014).

Refer to Appendix 4.1.10(b) WIC Act New Infrastructure Audit Report Central Park

Refer to Appendix 4.1.10(c) WIC Act Licence Plan Audit Report Central Park

Refer to Appendix 4.1.10(d) WIC Act NOL Audit Report Pitt Town

#### 4.1.13

Describe the studies that have been completed to investigate any environmental impacts (including but not limited to water quality, quantity, air, noise, sea level rise, biodiversity and Aboriginal cultural heritage) from the construction and operation of the infrastructure? Have the studies identified any significant environmental impacts from the scheme? If so, how are the environmental impacts proposed to be managed? Provide a copy of any environmental study and/or risk assessment in Appendix 4.1.13.

As a minimum, an application must be accompanied by a statement of environmental effects (SEE) (unless the development is designated development, Part 5 development or a major project, in which case either an environmental impact statement (EIS) or comprehensive environmental assessment is required). The SEE may be prepared by the applicant corporation or by a consultant acting on behalf of the applicant. The SEE must identify the environmental impacts of the proposed scheme, and the steps which will be taken to protect the environment or reduce the harm. Where the study is in the form of a comprehensive environmental assessment or EIS, please include only the executive summary.

The response to this question will be used to determine whether the activities authorised by a licence (if granted) present a significant risk of harm to the environment (Reg cl.7). The response to this question may be used to draft a proposed licence, if a licence is granted.

DPW has been granted a network operator's licence dated 4 December 2013 (Licence No. 13\_025) for provision of recycled water and sewerage to the Discovery Point Development.

Refer to Appendix 3.2.5 DPW Network Operator's Licence No. 13\_025

Discovery Point Pty Ltd have been granted numerous development consents for the Discovery Point development under the *Environmental Planning and Assessment Act 1979* (EP&A Act) including MP 10\_0003 - Concept Plan for Mixed Use Development (including various modifications) determined under Part 3A of the EP&A Act as well as numerous Development Applications determined under Part 4 of the EP&A Act.

Refer to NSW Planning & Infrastructure website:

http://majorprojects.planning.nsw.gov.au/index.pl?action=search&page\_id=&search=Discovery+Point &authority id=539&search site type id=&reference table=&status id=&decider=&from date=&to\_date=&x=47&y=12

4.1.14

If a treatment process forms part of the infrastructure for which the applicant corporation is seeking a licence, what waste streams will be generated by the

proposed treatment plant and how will the waste be disposed of or handled?

The response to this question will be used to determine whether the activities authorised by a licence (if granted) present a significant risk of harm to the environment (Reg cl.7). The response will also be used as a context for our assessment of the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

## 4.2 Water infrastructure – non-potable water

Only provide a response to the questions in the following section if the applicant corporation is seeking a licence for the construction, maintenance and operation of <u>water infrastructure for the</u> supply of non-potable water.

4.2.1 Describe the proposed non-potable water infrastructure from the source of the water through to the end use (i.e. catchment to tap). Please include in your description all of the infrastructure for which the applicant corporation is seeking a licence. This will include any infrastructure that is to be used for the production, treatment, filtration, storage, conveyance or reticulation of the non-potable water. Please list all sources and end uses in the description. Identify the infrastructure for which the applicant corporation is seeking a licence. Provide a detailed process flow diagram of the proposed infrastructure from source to end use in Appendix 4.2.1.

You must attach a process flow diagram in response to this question. The process flow diagram should only include the non-potable water infrastructure where the scheme includes more than one type of infrastructure and must cover the process from source to end use. You may also include a piping and instrumentation diagram for additional information.

The response to this question will be used to draft a proposed licence. The licence will specify the type of water industry infrastructure, if a licence is granted (Act s.6(1)(a)). The response will also be used to ensure you have applied for the correct licence(s) and as a context for our assessment of the applicant corporation's technical, organisational and financial capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### Not Applicable

4.2.2 Describe whether the infrastructure is existing infrastructure or is to be constructed. If the infrastructure is existing, please describe its current condition and operability. If the infrastructure is a mixture of existing and to be constructed identify the infrastructure as existing or to be constructed on the process flow diagram in Appendix 4.2.1.

The response to this question will be used as a context for the assessment of environmental risks from the proposed scheme (Act s.10(4)(e), Reg cl.7).

#### Not Applicable

- 4.2.3 Describe the <u>location</u> of the proposed infrastructure. For example include:
  - ▼ the identification of specific lot descriptors (e.g. lot and DP numbers) for the production, treatment, filtration and/or storage infrastructure.
  - the location of infrastructure for the conveyance and/or reticulation of non-potable water by street name, local government area or other description as appropriate to the size of the scheme.

Provide a map showing the location of the proposed infrastructure from source to end use in Appendix 4.2.3.

The map may include all water industry infrastructure (ie, drinking water, non-potable water and/or sewerage) where the scheme includes more than one type of infrastructure.

The response to this question is a requirement for any network operator's licence for water infrastructure (Reg cl.6(1)(a)). The response to this question will be used to specify the authorised area of operations (Act s.11(1)), if a licence is granted. The response will also be used as a context for the assessment of environmental risks from the proposed scheme (Act s.10(4)(e), Reg cl.7).

#### Not Applicable

4.2.4

Describe any interconnections between the proposed non-potable water infrastructure and other infrastructure not part of this scheme (e.g. interconnections with other licensed network operators or public utilities such as sewers or water mains). Identify in your description who is responsible for the construction, operation and maintenance of which infrastructure. Identify all interconnections with other infrastructure on the process flow diagram in Appendix 4.2.1 and the map in Appendix 4.2.3.

Examples of interconnections may include potable water top up or trade waste disposal, as well as to other network operators.

The response to this question will be used to ensure the correct area of operation is specified in the licence, if a licence is granted (Act s.11(1)). The response will also be used as a context for the assessment of risks from the proposed scheme and to identify possible additional licence conditions relating to the inter-connected systems and responsibilities for risks.

#### Not Applicable

4.2.5

Where applicable, describe the connection point to customers or end users (e.g. the customer connection point may be a water meter). Identify in your description who is responsible for the construction, operation and maintenance of which infrastructure. Identify all customer and/or end user connections on the process flow diagram in Appendix 4.2.1 and the map in Appendix 4.2.3.

The response to this question will be used to ensure the correct area of operation is specified in the licence, if a licence is granted (Act s.11(1)). The response will also be used as a context for the assessment of risks from the proposed scheme.

#### Not Applicable

4.2.6

What volume of water is available from the proposed source? Where applicable, please provide the capacity of the source and the (allowable) average daily extraction rate from the source. If there is more than one source, please provide the requested information for each of the sources. Where relevant, provide a copy of any agreements and/or licences to access the source water in Appendix 4.2.6.

The response will also be used as a context for the assessment of the technical, organisational and financial capacity of the applicant corporation (Act s.10(4)(a)).

#### Not Applicable

4.2.7

What volume of water will be treated by the scheme? Please provide the average and peak daily flow rates treated by the scheme.

This information will be used to determine the fee category for the scheme, if a licence is granted. The response to this question may be used to draft a proposed licence, if a licence is granted.

#### Not Applicable

4.2.8

What volume of non-potable water will be produced by the scheme? Please provide the average and peak daily volume supplied to end users or retail suppliers.

This information will be used to assess the retail supplier's obligation not to over commit, if a licence is granted. The response to this question may be used to draft a proposed licence, if a licence is granted.

#### 4.2.9 List all the intended end uses for the non-potable water generated by the scheme.

The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)). The response to this question will also be used to draft a proposed licence. The licence will specify the purpose for which the infrastructure can be used, if a licence is granted (Act s.6(1)(a), Reg cl.8(1)).

#### Not Applicable

#### 4.2.10

Provide your preliminary risk assessment for the scheme from source to end use in Appendix 4.1.10. It is important that your preliminary risk assessment accurately identifies any hazards present in the source water or likely to result from the proposed treatment process. The risk assessment will also address the intended, inadvertent and unauthorised end uses (and therefore routes of exposure) to the non-potable water. The preliminary risk assessment will identify any reasonably foreseeable risk event with the potential to expose people or the environment to hazards. The preliminary risk assessment will outline the broad mitigation measures where the risk of exposure to a hazard is unacceptable to human health or the environment in order to reduce the risk of exposure.

The risk assessment must also identify the events and circumstances that could adversely affect the applicant corporation's ability to carry out the activities for which the licence is sought (including any activities undertaken by a nominated third party), the probability of the occurrence of any such event or circumstance and the measures to be taken by the applicant corporation to prevent or minimise the likelihood of any such event or circumstance.

The preliminary risk assessment should demonstrate the application of a consistent methodology for identifying hazards and assessing potential impacts and risks to health and the environment. We strongly recommend that the applicant corporation utilises an established risk management system, such as outlined in AS/NZS ISO 31000:2009 (Risk management – Principles and guidelines), which is consistent with the approach outlined in the Australian Guidelines for Water Recycling (element 2).

The response to this question is a requirement for any network operator's licence for water infrastructure (Reg cl.6(1)(b) and cl.6(1)(c)(ii)). The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)). The response to this question will also be used to draft a proposed licence. The licence will specify the purpose for which the infrastructure can be used, if a licence is granted (Act s.6(1)(a), Reg. cl.8(1)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### Not Applicable

#### 4.2.11

Describe how the 12 elements of the framework for the management of recycled water, as detailed in the Australian Guidelines for Water Recycling (AGWR), have been addressed and will be implemented and maintained. Provide evidence of the applicant corporation's capacity to implement the 12 elements of the framework in the AGWR in Appendix 4.2.11.

The evidence should be in the form of management plans for either the proposed scheme or other similar schemes undertaken by the applicant corporation, or in a comprehensive statement detailing the process by which the management plan will be developed. For existing (brownfield) schemes you should provide the actual water quality plan for the site.

The response to this question is a requirement for any network operator's licence for water infrastructure (Reg cl.6(1)(d)(i)). The response to this question will also be used to draft a proposed licence. The licence will specify the purpose for which the infrastructure can be used, if a licence is granted (Act s.6(1)(a), Reg. cl.8(2)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence.

4.2.12 How will the continuity of supply of the non-potable water be ensured? What contingency plans are in place in the case of failure of the infrastructure? What alternative supplies of non-potable water will be used when the infrastructure is inoperable?

The response to this question is a requirement for any network operator's licence for water infrastructure (Reg cl.6(1)(c)). The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### Not Applicable

4.2.13 Describe the systems and processes that the applicant corporation will have in place to manage the non-potable water infrastructure. Provide evidence of the applicant corporation's capacity to develop and implement an infrastructure operating plan in Appendix 4.2.13.

The evidence may include examples of processes and procedures for either the proposed scheme or other similar schemes undertaken by the applicant corporation. The processes and/or procedures should demonstrate good operational practice including life cycle planning, system redundancy, contingency planning, condition monitoring, management maintenance processes and processes of supporting skills needs. The examples should demonstrate links to a risk management process. For existing (brownfield) schemes you should provide the actual water quality plan for the site.

The response to this question is a requirement for any network operator's licence for water infrastructure (Reg cl.6(1)(c)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### Not Applicable

4.2.14 Describe the studies that have been completed to investigate any environmental impacts (including but not limited to water quality, quantity, air, noise, sea level rise, biodiversity and Aboriginal cultural heritage) from the construction and operation of the infrastructure? Have the studies identified any significant environmental impacts from the scheme? If so, how are the environmental impacts proposed to be managed? Provide a copy of any environmental study and/or risk assessment in Appendix 4.2.14.

As a minimum an application must be accompanied by a statement of environmental effects (SEE) (unless the development is designated development, Part 5 development or a major project, in which case either an environmental impact statement (EIS) or comprehensive environmental assessment is required). The SEE may be prepared by the applicant corporation or by a consultant acting on behalf of the applicant. The SEE must identify the environmental impacts of the proposed scheme, and the steps which will be taken to protect the environment or reduce the harm. Where the study is in the form of a comprehensive environmental assessment or EIS, please include only the executive summary.

The response to this question may be used to draft a proposed licence, if a licence is granted. The response to this question will be used to determine whether the activities authorised by a licence (if granted) present a significant risk of harm to the environment (Reg cl.7).

#### Not Applicable

4.2.15 If a treatment process forms part of the infrastructure for which the applicant corporation is seeking a licence, what waste streams will be generated by the proposed treatment plant and how will the waste be disposed of or handled?

The response to this question will be used to determine whether the activities authorised by a licence (if granted) present a significant risk of harm to the environment (Reg cl.7). The response will also be used as a context for our assessment of the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### 4.3 Sewerage infrastructure

Only provide a response to the questions in the following section if the applicant corporation is seeking a licence for the construction, maintenance and operation of <u>sewerage infrastructure</u>.

4.3.1 Describe the proposed sewerage infrastructure from the collection to disposal or reuse. Include in your description all of the sewerage infrastructure for which the applicant corporation is seeking a licence. This will include any infrastructure that is to be used for the collection, treatment, filtration, storage, conveyance or disposal of the sewerage or treated effluent. Provide a detailed process flow diagram of the proposed infrastructure from collection to disposal or reuse in Appendix 4.3.1.

You must attach a process flow diagram in response to this question. The process flow diagram should only include the sewerage infrastructure where the scheme includes more than one type of infrastructure and must cover the process from source to end use. You may also include a piping and instrumentation diagram for additional information.

The response to this question will be used to draft a proposed licence. The response to this question is a requirement for any network operator's licence for sewerage infrastructure (Reg cl.6(2)(d)(ii)). The licence will specify the type of water industry infrastructure, if a licence is granted (Act s.6(1)(a)). The response will also be used to ensure you have applied for the correct licence(s) and as a context for our assessment of the applicant corporation's technical, organisational and financial capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

Not Applicable

4.3.2 Describe whether the infrastructure is existing infrastructure or is to be constructed. If the infrastructure is existing, please describe its current condition and operability. If the infrastructure is a mixture of existing and to be constructed identify the infrastructure as existing or to be constructed on the process flow diagram in Appendix 4.3.1.

The response to this question will be used as a context for the assessment of environmental risks from the proposed scheme (Act s.10(4)(e), Reg cl.7).

Not Applicable

- 4.3.3 Describe the <u>location</u> of the proposed infrastructure. For example include:
  - ▼ the identification of specific lot descriptors (eg, lot and DP numbers) for the collection, treatment, filtration and/or storage infrastructure
  - the location of infrastructure for the conveyance and/or reticulation of sewage by street name, local government area or other description as appropriate to the size of the scheme.

Provide a map showing the location of the proposed infrastructure from source to end use in Appendix 4.2.3

The map may include all water industry infrastructure (ie, drinking water, non-potable water and/or sewerage) where the scheme includes more than one type of infrastructure.

The response to this question is a requirement for any network operator's licence for sewerage infrastructure (Reg cl.6(2)(a)). The response to this question will be used to specify the authorised area of operations (Act s.11(1)), if a licence is granted. The response will also be used as a context for the assessment of environmental risks from the proposed scheme (Act s.10(4)(e), Reg cl.7).

#### Not Applicable

4.3.4

Describe any interconnections between the proposed sewerage infrastructure and other infrastructure not part of this scheme (eg, interconnections with other licensed network operators or public utilities such as sewers). Identify in your description who is responsible for the construction, operation and maintenance of which infrastructure. Identify all interconnections with other infrastructure on the process flow diagram in Appendix 4.3.1 and the map in Appendix 4.3.3.

The response to this question will be used to ensure the correct area of operation is specified in the licence, if a licence is granted (Act s.11(1)). The response will also be used as a context for the assessment of risks from the proposed scheme and to identify possible additional licence conditions relating to the inter-connected systems and responsibilities for risks.

#### Not Applicable

4.3.5

What volume of sewage will be treated by the scheme? Please provide the average and peak daily (hydraulic and biological, where relevant) flow rates treated by the scheme.

This information will be used to determine the fee category for the scheme, if a licence is granted. The response to this question may be used to draft a proposed licence, if a licence is granted.

#### Not Applicable

4.3.6

What volume of treated effluent will be disposed of from the scheme? Please provide the average and peak daily disposal rates disposed from the scheme.

The response will be used as a context for the assessment of environmental risks from the proposed scheme (Act s.10(4)(e), Reg cl.7). The response to this question may be used to draft a proposed licence, if a licence is granted.

#### Not Applicable

How will the treated effluent be disposed of from the scheme?

The response to this question may be used to draft a proposed licence, if a licence is granted. The response will also be used as a context for the assessment of environmental risks from the proposed scheme (Act s.10(4)(e), Reg cl.7).

#### Not Applicable

4.3.8

What wastewater and/or catchment characterisation studies have been undertaken? Provide a summary report of any wastewater characterisation or catchment studies including results in Appendix 4.3.8.

This information will be used as a context to the potential health and environmental risks posed by the scheme.

#### Not Applicable

4.3.9

Provide your preliminary risk assessment for the scheme from collection to disposal in Appendix 4.3.8. It is important that your preliminary risk assessment accurately identifies any hazards present in the sewage or likely to result from the proposed treatment process. The risk assessment should also address the intended method of disposal and any inadvertent releases (and therefore routes of exposure) to the treated effluent. The preliminary risk assessment will identify any reasonably foreseeable risk event with the potential to expose people or the environment to hazards. The preliminary risk assessment will outline the broad mitigation measures where the risk of exposure to a hazard is unacceptable to human health or the environment in order to reduce the risk of exposure.

The risk assessment must also identify the events and circumstances that could adversely affect the applicant corporation's ability to carry out the activities for which the licence is sought (including any activities undertaken by a nominated third party), the probability of the occurrence of any such event or circumstance and the measures to be taken by the applicant corporation to prevent or minimise the likelihood of any such event or circumstance.

The preliminary risk assessment should demonstrate the application of a consistent methodology for identifying hazards and assessing potential impacts and risks to health and the environment. We strongly recommend that the applicant corporation utilises an established risk management system, such as outlined in AS/NZS ISO 31000:2009 (Risk management – Principles and guidelines). Where relevant, the risk assessment should identify and include any environmental risks and/or management actions identified in the development approval.

The response to this question is a requirement for any network operator's licence for sewerage infrastructure (Reg cl.6(2)(b), cl.6(2)(c)(ii), cl.6(2)(d)(i)). The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)). The response to this question will also be used to draft a proposed licence. The licence will specify the purpose for which the infrastructure can be used, if a licence is granted (Act s.6(1)(a)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### Not Applicable

4.3.10 Describe the systems and processes that the applicant corporation will have in place to manage the sewerage infrastructure. Provide evidence of the applicant corporation's capacity to develop and implement an infrastructure operating plan in Appendix 4.3.10.

The evidence may include examples of processes and procedures for either the proposed scheme or other similar schemes undertaken by the applicant corporation. The processes and/or procedures should demonstrate good operational practice including life cycle planning, system redundancy, contingency planning, condition monitoring, management maintenance processes and processes of supporting skills needs. The examples should demonstrate links to a risk management process. For existing (brownfield) schemes you should provide the actual water quality plan for the site.

The response to this question is a requirement for any network operator's licence for sewerage infrastructure (Reg cl.6(2)(c)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### Not Applicable

4.3.11 How will the continuity of the provision of sewerage services be ensured? What contingency plans are in place in the case of failure of the infrastructure?

The response to this question is a requirement for any network operator's licence for sewerage infrastructure (Reg cl.6(2)(c)). The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (act s.10(4)(a)).

#### Not Applicable

4.3.12 Describe the studies that have been completed to investigate any environmental impacts (including but not limited to water quality, quantity, air, noise, sea level rise, biodiversity and Aboriginal cultural heritage) from the construction and operation of the infrastructure? Have the studies identified any significant environmental impacts from the scheme? If so, how are the environmental impacts proposed to be managed? Provide a copy of any environmental study and/or risk assessment in Appendix 4.3.12.

As a minimum an application must be accompanied by a statement of environmental effects (SEE) (unless the development is designated development, Part 5 development or a major project, in which case either an environmental impact statement (EIS) or comprehensive environmental assessment is required). The SEE may be prepared by the applicant corporation or by a consultant acting on behalf of the applicant. The SEE must identify the environmental impacts of the proposed scheme, and the steps which will be taken to protect the environment or reduce the harm. Where the study is in the form of a comprehensive environmental assessment or EIS, please include only the executive summary.

The response to this question may be used to draft a proposed licence, if a licence is granted. The response to this question will be used to determine whether the activities authorised by a licence (if granted) present a significant risk of harm to the environment (Reg cl.7).

#### Not Applicable

4.3.13 Where relevant, what land capability assessments have been undertaken on the proposed land disposal area? Provide a copy of any soil capability assessment in Appendix 4.3.13.

The response to this question may be used to draft a proposed licence, if a licence is granted. The response to this question will be used to determine whether the activities authorised by a licence (if granted) present a significant risk of harm to the environment (Reg cl.7).

#### Not Applicable

4.1.14 If a treatment process forms part of the infrastructure for which the applicant corporation is seeking a licence, what waste streams will be generated by the proposed treatment plant (such as screenings and biosolids but not including the treated effluent) and how will the waste be disposed of or handled?

The response to this question will be used to determine whether the activities authorised by a licence (if granted) present a significant risk of harm to the environment (Reg cl.7). The response will also be used as a context for our assessment of the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

# 5 Retail Supplier

Only to be completed by applicants seeking a retail supplier's licence.

Note a retail supplier's licence may only be granted if sufficient quantities of the water supplied will have been obtained otherwise than from a public water utility (Act s.10(4)(d)).

## 5.1 Supply of water

Please provide a response to the questions in the following section if you are seeking a licence for the <u>supply of water</u> by means of any water industry infrastructure.

5.1.1 Describe the water industry infrastructure that the applicant corporation will access to supply water

The response to this question is a requirement for any retail supplier's licence for water industry infrastructure (Reg cl.10(1)(a). The response will also be used to ensure you have applied for the correct licence(s)).

#### Not Applicable

5.1.2 What volume of water is available from the proposed source? Where applicable, please provide the capacity of the source and the (allowable) average daily extraction rate from the source. If there is more than one source, please provide the requested information for each of the sources. Where relevant, provide a copy of any agreements and/or licences to access the source water in Appendix 5.1.2.

The response to this question will be used to determine whether sufficient quantities of the water supplied will have been obtained otherwise than from a public water utility (Act s.10(4)(d)).

#### Not Applicable

5.1.3 What customers or classes of customers does the applicant corporation propose to supply with water?

Classes of customers may include residential, industrial, commercial or agricultural.

The response to this question is a requirement for any retail supplier's licence (Act s.6(1)(b)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### Not Applicable

#### 5.1.4 Will you be supplying small retail customers with water (i.e. less than 15Ml/year)?

A person is a small retail customer in relation to water supply if the maximum rate at which water is supplied, pursuant to one or more water supply contracts, to all premises that the person owns, leases or occupies is less than 15 megalitres per year.

The response will be used as context to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)). The response will also be used as a context for the assessment of risks from the proposed scheme and to identify possible additional licence conditions relating to the supply of water to small retail customers.

5.1.5 Provide your preliminary risk assessment for the retail activities related to the scheme in Appendix 5.1.5. The risk assessment must identify the events and circumstances that could adversely affect the applicant corporation's ability to carry out the activities for which the licence is sought (including any activities undertaken by a nominated third party), the probability of the occurrence of any such event or circumstance and the measures to be taken by the applicant corporation to prevent or minimise the likelihood of any such event or circumstance.

The preliminary risk assessment should demonstrate the application of a consistent methodology for identifying hazards and assessing potential impacts and risks. We strongly recommend that the applicant corporation utilises an established risk management system such as outlined in AS/NZS 4360 (Risk Management).

The response to this question is a requirement for any retail supplier's licence (Reg cl.10(1)(b). The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s. 10(4)(f)).

#### Not Applicable

5.1.6 How will the continuity of the supply of water to customers be ensured? What contingency plans are in place in the case of failure of the infrastructure?

The continuity of supply may differ between customer classes. If this is the case for your project please define the different levels of service for each customer class and how the continuity of supply of water, relevant to that class of customer, will be maintained.

The response to this question is a requirement for any retail supplier's licence (Reg cl.10(1)(b)(iii)). The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

## Not Applicable

5.1.7 Describe the systems and processes that the applicant corporation will have in place to manage retail activities including billing systems, complaint and debt recovery procedures. Provide evidence of the applicant corporation's capacity to develop and implement a retail supply management plan in Appendix 5.1.7.

The evidence may include examples of processes and procedures for either the proposed scheme or other similar schemes undertaken by the applicant corporation. The examples should demonstrate links to a risk management process. For existing (brownfield) schemes you should provide the actual systems and procedures.

The response to this question is a requirement for any retail supplier's licence (Reg cl.10(2)(b)(iv)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### 5.2 Provision of sewerage services

Please provide a response to the questions in the following section if you are seeking a licence for the <u>provision of sewerage services</u> by means of any water industry infrastructure.

5.2.1 Describe the water industry infrastructure that the applicant corporation will access to provide sewerage services.

The response to this question is a requirement for any retail supplier's licence for water industry infrastructure (Reg cl.10(2)(a)). The response will also be used to ensure you have applied for the correct licence(s).

#### Not Applicable

5.2.2 What customers or classes of customers does the applicant corporation propose to provide with sewerage services?

Classes of customers may include residential, industrial, commercial or agricultural. The licence may also specify whether the customers are small retail customers.

The response to this question is a requirement for any retail supplier's licence (Act s.6(1)(b)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

#### Not Applicable

5.2.3 Will you be providing small retail customers with sewerage services (i.e. less than 10.5 ML/year)?

A person is a small retail customer in relation to the provision of sewerage services if the maximum rate at which sewage is discharged, pursuant to one or more sewerage service contracts, from all premises that the person owns, leases or occupies is less than 10.5 megalitres per year, as determined in accordance with guidelines issued by IPART.

The response will be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)). The response will also be used as a context for the assessment of risks from the proposed scheme and to identify possible additional licence conditions relating to the supply of water to small retail customers.

#### Not Applicable

5.2.4 Provide your preliminary risk assessment for the retail activities related to the scheme in Appendix 5.2.4. The risk assessment must also identify the events and circumstances that could adversely affect the applicant corporation's ability to carry out the activities for which the licence is sought (including any activities undertaken by a nominated third party), the probability of the occurrence of any such event or circumstance and the measures to be taken by the applicant corporation to prevent or minimise the likelihood of any such event or circumstance.

The preliminary risk assessment should demonstrate the application of a consistent methodology for identifying hazards and assessing potential impacts and risks. We strongly recommend that the applicant corporation utilises an established risk management system such as outlined in AS/NZS 4360 (Risk Management).

The response to this question is a requirement for any retail supplier's licence (Reg cl.10(2)(b)). The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)).

## Not Applicable

5.2.5 How will the continuity of the provision of sewerage services be ensured? What contingency plans are in place in the case of failure of the infrastructure?

The response to this question is a requirement for any retail supplier's licence (Reg cl.10(2)(b)(iii)). The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

## Not Applicable

5.2.6 Describe the systems and processes that the applicant corporation will have in place to manage retail activities including billing systems, complaint and debt recovery procedures. Provide evidence of the applicant corporation's capacity to develop and implement a retail supply management plan in Appendix 5.1.4.

The evidence may include examples of processes and procedures for either the proposed scheme or other similar schemes undertaken by the applicant corporation. The examples should demonstrate links to a risk management process. For existing (brownfield) schemes you should provide the actual systems and procedures.

The response to this question is a requirement for any retail supplier's licence (Reg cl.10(2)(b)(iv)). The response will also be used to assess the applicant corporation's technical capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

Not Applicable

# 6 Applicant experience and systems

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

## 6.1 Network operator

Only provide a response to the questions in the following section if the applicant corporation is seeking a <u>network operator's licence</u>

6.1.1 Describe the structure of the applicant corporation. Include in the description a list of the entities that have an ownership interest in the applicant corporation, whether legal or equitable. **Provide an organisational diagram in an Appendix 6.1.1.** The diagram should clearly show all entities that have an ownership interest in the applicant corporation,

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

DPW does not have any direct employees and will rely upon employees from its parent company, Flow Systems Pty Ltd, pursuant to the Corporate Services Agreement between DPW and WFC (Flow Systems). Further, as a result of the investment transaction described under section 7.1.1 below, Flow Systems has the benefit of significant additional resourcing and support from its parent, Brookfield Infrastructure Partners group.

Refer to Appendix 6.1.1(a) Discovery Point Water Ownership Structure\_Public

Describe the applicant corporation's (and, where relevant, the nominated third parties) current experience in the construction, maintenance and operation of water and/or other utility infrastructure such as gas, electricity or telecommunications.

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

DPW's experience is based on the collective experience of Flow Systems' Directors and other key personnel in the executive management team who are integral members of the DPW project delivery and operations team. This experience includes finance, equity, insurance, procurement, legal, equipment supply, design, construction, operation and maintenance.

DPW is a wholly-owned subsidiary of Flow Systems, and already holds a WICA network operator's licence for recycled water and sewerage (Licence No. 13\_025) and is currently constructing its Discovery Point sewage treatment/recycled water facility.

Two of Flow Systems' other wholly-owned subsidiaries (Pitt Town Water Pty Ltd and Central Park Water Pty Ltd) also hold network operator licenses, and it is understood that IPART has recommended the granting of a network operator's licence for Wyee Water Pty Ltd, another wholly-owned subsidiary of Flow Systems.

Flow Systems has delivered a fully commissioned and validated recycled water facility at Pitt Town and has received Ministerial consent to commence commercial operations for recycled water and sewerage. Flow Systems has also been granted Ministerial approval to commence commercial operation of drinking water and sewerage at Central Park.

Refer Appendix 6.1.2 Approval to bring infrastructure into commercial operation (Central Park)

6.1.3 List the key personnel involved in each of the significant activities (construction, maintenance and operation) and summarise their required skills, qualifications and experience. Provide a position description for each of the key personnel positions in Appendix 6.1.3.

Clearly identify whether the key personnel are employees of the applicant corporation or, where relevant, the nominated third party. It is not necessary to list all the employees. Ensure that the key personnel include the person or persons responsible for managing the applicant corporation's compliance with their legislative responsibilities.

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

Terry Leckie - Flow Systems' Managing Director/Chief Executive Officer, DPW Director

Stephen McKewen - Flow Systems' Chief Operating Officer, DPW Director

Steve Hall – Flow Systems' Executive Manager Project Delivery (responsible for construction of the Scheme)

Andrew Horton - Flow Systems' Executive Manager Operations (responsible for operation and maintenance of the Scheme)

Refer to Appendix 6.1.3(a) Position Descriptions (Key Personnel)

6.1.4 Please provide details of any other regulatory approvals or licences the applicant corporation or nominated third party holds in relation to the infrastructure activities for which you are seeking a licence.

Include relevant approvals for similar projects interstate or overseas to demonstrate the experience of the applicant corporation. We may seek confirmation of your compliance history in relation to other regulatory approvals or licences as part of our assessment.

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

As set out in section 6.1.2, DPW already holds a WICA network operator's licence for recycled water and sewerage (Licence No. 13 025), and two of its sister companies (Central Park Water Pty Ltd and Pitt Town Water Pty Ltd) also hold WICA network operator's licenses for drinking water, recycled water and sewerage (Central Park), and recycled water and sewerage (Pitt Town).

In addition, Flow Systems is of the understanding that IPART has recommended the granting of a network operator's licence for drinking water, recycled water and sewerage for Wyee Water Pty Ltd, another wholly-owned subsidiary of Flow Systems.

Flow Systems has delivered a fully commissioned and validated recycled water facility at Pitt Town and has received Ministerial consent to commence commercial operations for recycled water and sewerage. Flow Systems has also been granted Ministerial approval to commence commercial operation of drinking water and sewerage at Central Park.

6.1.5 What business systems will the applicant corporation have in place to ensure they can comply with your regulatory requirements? Are any of the systems certified or will they be certified?

Business systems may include but not be limited to quality assurance, asset management and environmental management systems.

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

Through its parent company Flow Systems, DPW has in place the following risk management systems to address regulatory requirements:

Compliance and Risk Management Framework - this covers all relevant laws and regulations,

as well as ensuring compliance with all relevant contractual arrangements in relation to the delivery and operation of the scheme. Reporting under management plans forms part of the Flow Systems Group external reporting framework. Reporting includes:

- a. WIC Act (licences)
- b. BASIX (Planning)
- c. General Corporate (ASIC, tax, WHS etc.)

Refer to Appendix 6.1.5 Compliance and Risk Management Framework

- 2. Legal secondment and retention arrangements with Sparke Helmore to advise of changes in legislative and regulatory environment directly impacting the delivery and operation of the scheme.
- 3. Asset Management DPW will be using the Asset Management system employed by the Flow Systems group (currently NetSuite).
- 4. Workplace Health and Safety (WHS) monitoring and managing WHS performance and recording any workplace incidents to ensure application of safety processes, procedures, consultation and training of all our employees and contractors.

## 6.2 Retail supplier

Only provide a response to the questions in the following section if the applicant corporation is seeking <u>a retail supplier's licence</u>

6.2.1 Describe the structure of the applicant corporation. Include in the description a list of the entities that have an ownership interest in the applicant corporation, whether legal or equitable, and a list of the entities that the applicant corporation has an ownership interest in. **Provide an organisational diagram in Appendix 6.2.1.** The diagram should clearly show all entities that have an ownership interest in the applicant corporation.

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

### Not applicable

Describe the applicant corporation's (and, where relevant, the nominated third parties) current experience in the supply of water or the provision of sewerage services. Please also outline any previous experience in the retailing of other services such as gas, electricity or telecommunications.

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

### Not applicable

6.2.3 List the key personnel involved in the retail activities and summarise their required skills, qualifications and experience. Provide a position description for each of the key personnel positions in Appendix 6.2.3.

Clearly identify whether the key personnel are employees of the applicant corporation or, where relevant, the nominated third party. Ensure that the key personnel include the person or persons responsible for managing the applicant corporation's compliance with their legislative responsibilities.

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

Not applicable

6.2.4 Please provide details of any other regulatory approvals or licences the applicant corporation or nominated third party holds in relation to the retail activities for which you are seeking a licence.

Include relevant approvals for similar projects interstate or overseas to demonstrate the experience of the applicant corporation. We may seek confirmation of your compliance history in relation to other regulatory approvals or licences as part of our assessment.

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

## Not applicable

6.2.5 What business systems will the applicant corporation have in place to ensure they can comply with your regulatory requirements? Are any of the systems certified or will they be certified?

Business systems may include but not be limited to quality assurance and environmental management systems. Retails systems such as billing and complaint management should be included in the response to this question.

The response will be used to assess the applicant corporation's technical and organisational capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

Not applicable

#### 7 **Financial capacity**

The response to the following questions will be used to assess the applicant corporation's financial capacity to undertake the activities for which you are seeking a licence (Act s.10(4)(a)).

Provide a response to the financial questions according to the following matrix:

	Question					
	7.1	7.2	7.3	7.4	7.5	7.6
Retail supply licence only	✓	✓	✓			
Network operator licence						
For infrastructure used for self supply	✓	✓				
For infrastructure used to supply large retail customers	<b>✓</b>	~	<b>✓</b>			
For infrastructure used to supply small retail customers with non-essential services	<b>~</b>	~	<b>~</b>	<b>✓</b>	<b>✓</b>	
For infrastructure used to supply small retail customers with essential services <sup>a</sup>	<b>*</b>	~	<b>*</b>	<b>√</b>	<b>✓</b>	<b>✓</b>

<sup>&</sup>lt;sup>a</sup> Applicant corporations who are providing essential services to small retail customers will be required to meet with our financial assessment team following submission of the application to discuss the information requirements for making the financial capacity assessment.

#### 7.1 How will the applicant corporation finance the proposed activity?

7.1.1 Describe the mechanisms by which the applicant corporation's activities are financed or to be financed. Provide evidence of any financial guarantees or commitment of financial support in Appendix 7.1.1.

Evidence of financial support may include, but is not limited to; a letter from a financial institution (being a bank, credit union or the government) confirming indicative financing of the applicant corporation's activities, 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.

Commercial in confidence

#### 7.2 Are there any events that could affect the applicant corporation's future financial capacity?

7.2.1 Are there any events or circumstances, that you are currently aware of, that could affect the applicant corporation's future financial capacity? If applicable, provide details of all such events relevant to the applicant corporation for the last 3 years from the date of this application.

Events and circumstances may include but are not limited to:

- Government or other investigation of the applicant corporation or related entities
- ▼ Contract terminated
- ▼ Factors which might impact on the applicant corporation such as significant litigation, business commitments, contingent liabilities, collections by debt collection agencies on behalf of creditors or liquidation proceedings
- ▼ Any outstanding tax liabilities
- ▼ Any other particulars which are likely to adversely affect the applicant corporation's capacity to undertake the services under the licence (if granted).

Commercial in confidence

#### 7.3 What is the projected financial performance of the proposed activities?

7.3.1 Summarise the projected cash flows (net EBITDA), including key financial modelling assumptions, such as capex, for the first 5 years of operation (at minimum). Provide the 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 agreements, with details of all key financial modelling assumptions in Appendix

If necessary, a longer period may be provided to demonstrate financial viability of the project.

Commercial in confidence

7.3.2 Where the applicant corporation is seeking a network operator's licence, who is the owner of the infrastructure for which the applicant corporation is seeking a licence?

The drinking water infrastructure for which DPW is seeking to vary its existing network operator's licence will have multiple owners as explained below and set out at Appendix 4.1.4:

## Licensed drinking water infrastructure to be owned by DPW

DPW will own a nominal section of each building's drinking water connection pipework immediately downstream of the point of interconnection with the Sydney Water network (ie. nominally the first metre of pipe after the Sydney Water isolation valve). DPW will also own all of the individual submeters installed on each drinking water pipe to apartments and other strata areas such as retail shops and common property areas.

### Licensed drinking water infrastructure to be owned by Owner's Cooperative(s)

The respective building Owner's Cooperative will own the licensed drinking water infrastructure (excluding Sydney Water's bulk water meter and DPW's sub-meters) between the nominal section of pipe owned by DPW for each building connection (as described above) and the downstream extent of the "horizontal" pipework as described in section 4.1.1.

### Non-licensed drinking water infrastructure to be owned by others

As outlined in the schematic provided at Appendix 4.1.4, the drinking water infrastructure upstream of the proposed infrastructure to be licensed will be owned by Sydney Water, and the drinking water

infrastructure downstream of the proposed infrastructure to be licensed will be owned by the respective Owner's Cooperative. Internal apartment plumbing (excluding sub-meters) will be owned by the respective apartment owners.

Refer to Appendix 4.1.4 Drinking Water Infrastructure Ownership & Responsibility Schematic

7.3.3 Where the applicant corporation is applying for a retail supplier's licence to supply water or provide sewerage service to residential households, provide an estimate of the cost per household per year to supply water and/or provide sewerage services (as is relevant). Who will pay the cost? What is the proposed price level and structure for the first five years of

The response to this question will be used to determine whether there are any issues of public interest arising from the proposed scheme (Act s.10(4)(f)).

Not applicable

#### 7.4 What is the applicant corporation's financial history?

7.4.1 Does the applicant corporation have a financial history? If not, explain why.

Yes.

7.4.2 Where the applicant is a new corporation, supported by one or more parent entities, 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 3 years in Appendix 7.4.2.

Please include any parent entity with more than 20 per cent of equity in the applicant corporation.

### Commercial in confidence

7.4.3 Where the applicant is a new corporation financed through alternative arrangements (eg, debt or equity), provide a letter from a 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 demonstrating the financial viability of the guarantor) in Appendix 7.4.3.

### Commercial in confidence

- 7.4.4 Where the applicant is not a new corporation, summarise the performance of the applicant corporation over the past 3 years below. Provide copies of tax returns for the corporation for the last 3 years in Appendix 7.4.4(a). Provide financial statements for the last 3 years in Appendix 7.4.4(b). Where the latest annual financial statements are more than 3 months old, provide the latest available management reports showing:
  - ▼ a trading statement
  - a profit and loss statement, and
  - a trial balance.

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)

# Commercial in confidence 7.4.5 If applicable, what is the applicant corporation's credit rating? Provide the applicant corporation's Credit rating memorandum (eg, Standard & Poor's, Moody's or Fitch), if available in **Appendix 7.3.6**. Not applicable 7.4.6 Provide details of the applicant corporation's debt/equity finance and any debt covenants on existing borrowings. Commercial in confidence 7.5 **Contacts** 7.5.1 Does the applicant corporation have an accountant? If yes, what are the accountant's contact details? Yes Jeff Charge, Partner Charge Thoo & Co 7.5.2 Does the applicant corporation have an external auditor? If yes, what are the external auditor's contact details? No. 7.5.4 If required, may we contact the accountant and/or external auditor registered taxation agent to clarify any information provided? Yes. 7.6 **Internal accounting records** 7.6.1 Provide bank reconciliations, aged accounts receivable reports, and aged accounts payable reports in **Appendix 7.6.1** at the dates of: ▼ The latest management accounting reports (if applicable) and annual financial statements ▼ 30 September (most recent) ▼ 31 December (most recent) ▼ 31 March (most recent), and ▼ 30 June (most recent) for the applicant corporation. Commercial in confidence 7.6.2 Provide an extract of the superannuation payable ledger in Appendix 7.6.2 for: ▼ The 12 months ending on the date of the latest annual financial statements, and ▼ The period commencing on the date of the latest annual financial statements and ending on the date of the latest management accounting reports (if applicable) for the applicant corporation

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7.6.3 Provide bank statements for the 3 months to the date of the latest management accounting reports (if applicable) or annual financial statements for the applicant corporation, whichever has been submitted with the application in Appendix 7.6.3.

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#### 8 Statutory declaration and acknowledgement

To be completed by all applicants

#### 8.1 **Statutory declaration**

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 Chief Executive Officer and Director of the applicant (named in the application form accompanying this declaration);
- 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
- 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: Terence Leckie

Title of person making the application: /Managing Director/Chief Executive Office

Signature of person making the declaration:

Declared at [place]: Suite 201, Level 2, One Alfred Street, Sydney, 2000

On [date]: 21/03/2014

In the presence of

Jonathan Gunn

Title of witness: Solicitor of the Supreme Court of NSW

**NSW Law Society Number: 11246** 

Address of witness: Level 16, 321 Kent St, Sydney NSW 2000

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

And as a witness, I certify the following matters concerning the person who made this declaration:

- 1. I saw the face of the person.
- 2. I have confirmed the person's identity using the following identification document: current driver's license.

Signature of witness:

I, do solemnly and sincerely declare that:

- 1. I am a Director 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: Stephen McKewen

Title of person making the application: Director

Signature of person making the declaration:

Declared at [place]: Suite 201, Level 2, One Alfred Street, Sydney, 2000

On [date]: 21/03/2014

In the presence of

### Jonathan Gunn

Title of witness: Solicitor of the Supreme Court of NSW

NSW Law Society Number: 11246

Address of witness: Level 16, 321 Kent St, Sydney NSW 2000

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

And as a witness, I certify the following matters concerning the person who made this declaration:

- 1. I saw the face of the person.
- 2. I have confirmed the person's identity using the following identification document: current driver's license.

Signature of witness:

#### 8.2 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: Terence Leckie

Title of person making the acknowledgement: Managing Director/Chief Executive Officer

On [date]: 21/03/2014

Signature of person making the acknowledgement:

Name of person making the acknowledgement: Stephen McKewen

Title of person making the acknowledgement: Director

On [date]: 21/03/2014

Signature of person making the acknowledgement: