



## AMENDMENT OF WATER LICENCE

To incorporate the Harvey Water Brine Ocean Outfall Pipeline and brine Waste Water Management Service

Date: 29<sup>th</sup> April 2022

Prepared by: Stephen Cook



29<sup>th</sup> April 2022

Alex Kroon  
Principal Regulatory Officer  
Economic Regulation Authority  
GPO Box 8469  
PERTH BUSINESS CENTRE WA 6849

Dear Alex

### **AMENDMENT OF WATER LICENCE**

This application refers to:

South West Irrigation Management Cooperative Limited ( trading as Harvey Water)  
Operating Licence for Irrigation Services and Non-Potable Water Supply.  
Licence Registration Number WL-31; Licence Version 11; Version Date 03/12/2021

The purpose of this application for amendment is to include the Harvey Water, Kemerton Brine Waste Pipeline area that runs west of the current area as depicted on the attached map.

Please find attached the Application for Amendment Form completed. Should there be a need for further information, Harvey Water will be happy to comply with those requests.

Please contact Stephen Cook, Operations Manager for any further information.

Yours sincerely

A handwritten signature in black ink, appearing to read "Bruce Hathway".

Bruce Hathway  
Chief Executive Officer

Eckersley House  
1 Turnbull Street  
Harvey Light Industrial Area  
Harvey, WA 6220



Applicant Details	
Name	<ul style="list-style-type: none"><li>South West Irrigation Management Cooperative Ltd (trading as Harvey Water)</li></ul>
Registered Office	1 Turnbull Street, Harvey, Western Australia, 6220
Principal Place of Business	As above

Contact Details	
Contact Name	Bruce Hathway, Chief Executive Officer
Mail Address	PO Box 456 Harvey WA 6220
Email	<a href="mailto:bhathway@harveywater.com.au">bhathway@harveywater.com.au</a>
Telephone	08 9729 0124
Fax	08 9729 0111

Company Structure	
ABN	<ul style="list-style-type: none"><li>SWIMCO 54 498 176 490</li></ul>
Legal Nature of Applicant	<ul style="list-style-type: none"><li>SWIMCO Company (Cooperative)</li></ul>
Place of Incorporation	<ul style="list-style-type: none"><li>SWIMCO Perth WA</li></ul>

Amendment Details	
Licence Number	WL/31; Version 11; 03/12/2021

Harvey Water believes that as the licence specifically includes the opportunity to provide Non-Potable Water services, there is no need to amend the licence for that purpose.

We do wish to amend the area where those non-potable services pipeline traverses. Given our provision of non-potable water at the Kemerton Strategic Industrial Area (KSIA) and the treatment of this water for process purposes there is a volume of waste water that cannot be recycled and has to be disposed of. The volume of waste is less than 500ML per year however it is unsafe and uneconomical to dispose of this by truck in such a large volume. Harvey Water investigated evaporative solutions however these required a very high level of capital expenditure that could not be warranted for the volume and in addition to which the power requirement was very high and would have a negative impact on emissions. The solution retained is that of a brine ocean outfall pipeline developed for the KSIA. Harvey Water has designed the pipeline and has completed the environmental approval process including self-referral to the EPA. The EPA recommendation has now been submitted for ministerial approval.



Harvey Water has submitted a development application to the Shire of Harvey the outcome of which is expected in early May. Given the approaching autumn and winter seasons Harvey Water applied to the EPA and the Shire, for approval to complete early works in December 2021. Approval was granted and currently these early works in the low lying sections of the pipe route west of the Forrest Highway are 85% complete.

The project schedule has the pipeline commissioned in July 2022 in time for the ramp up of production at the Albemarle Lithium Refinery in Kemerton.

Harvey Water would appreciate assistance with the drawing of an amended licensed area. We agree to the services of Landgate being used for the purpose of re-drawing the area boundaries.

The following briefly addresses the information required for a licence application as described in Section 5 of your Guideline document. Please note that our website at [www.harveywater.com.au](http://www.harveywater.com.au) provides a great deal of this information as well. Should you require it in full and in hard copy for the purposes of this application, then we shall be pleased to do so.

#### **Corporate Information**

As above and as previously provided.

#### **Financial Information**

As per our annual reports on our website and from ERA Audits previously carried out.

Harvey Water will self-fund the construction of this infrastructure. The funds will be drawn down from existing invested funds

#### **Technical Information**

**Utility Supply** - Harvey Water will use both its present water delivery system and new purpose built pipelines to supply customers.

**Construction Activities** - Harvey Water will build a pipeline to convey brine waste from the KSIA to the designated point of diffusion in the Indian Ocean approximately 11kms west of the KSIA and 500m offshore south of Binningup.

**Technical Ability** - Harvey Water has over 20 years' experience in the construction of pipelines in the area. Given the nature of the water product in this pipeline Harvey Water has included flow meters and instrumentation for early leak detection and location identification. The specialist ocean outfall installation will be carried out by an expert directional drilling contractor and marine team.

**Asset Management System** - The ERA has audited Harvey Water several times since 1996, and is well supplied with information on our asset management system which we believe to be of a high standard.



## Public Interest Information

Harvey Water has a record of showing initiative to develop new ways of effectively managing water resources and services. This proposed amendment is another example. Harvey Water has enabled the Kemerton Strategic Industrial Area (KSIA) through the provision of non-potable water for industrial purposes and we have added value by treating the water for process purposes. By constructing this brine waste pipeline Harvey Water is further enabling the KSIA by ensuring that other customers will be able to manage treated brine waste water from their operations through the pipeline provided that the discharge remains within the parameters agreed in the EPA licence. Harvey Water is confident that this enabling infrastructure will support industrial growth in the KSIA further developing regional and employment growth.

### Certification - Acknowledgement of Commitment

I declare that the information provided in this application is correct to the best of my knowledge and I am aware of the requirements under the Act for the licence being applied for and that I have the authority to make this application on behalf of the above entity.

Signed by or on behalf of the applicant.

Name: Bruce Hathway

Position: Chief Executive Officer

Signed: .....

Date: 29<sup>th</sup> April 2022

