

## Summary of pollution monitoring data for EPL 20788 (Condition M5.1)

### Introduction

This summary of pollution monitoring data, as required by Environment Protection Licence (EPL) 20788, has been prepared by RPS on behalf of Googong Township Proprietary Limited (GTPL) for the periods during extended operating hours in May and June 2017.

### Legislative requirement

Section 66(6) of the *Protection of the Environment Operations Act 1997* requires the holders of EPLs to publish or make pollution data available to members of the public.

This report has been compiled to detail the results of pollution monitoring undertaken during the EPL reporting period. Below is the summary of EPL 20788.

**Table 1 EPL 20788 details**

#### Licence details

Number	20788 (issued 16 June 2016)
Website	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20788&amp;id=20788&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=20788&amp;id=20788&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>
Anniversary date	16 June
Licensee	Googong Township Pty Ltd PO Box 1000 Civic Square ACT 2608
Premises	Googong Township Sewage Treatment System – Stage C Googong Road Googong NSW 2620
Scheduled activity	Sewage treatment
Fee based activity	Sewage treatment processing by small plants
Scale	>219 – 1000 ML maximum volume of discharge

Condition M5.1 of EPL 20788 requires GTPL to undertake noise verification monitoring to demonstrate that noise generated as a result of construction activities associated with the installation of the new reservoirs during extended operating hours in May and June 2017 does not exceed background +5dB at nearest receivers. Figure 1 displays the location of the nearest receiver from the location of the new reservoir site.

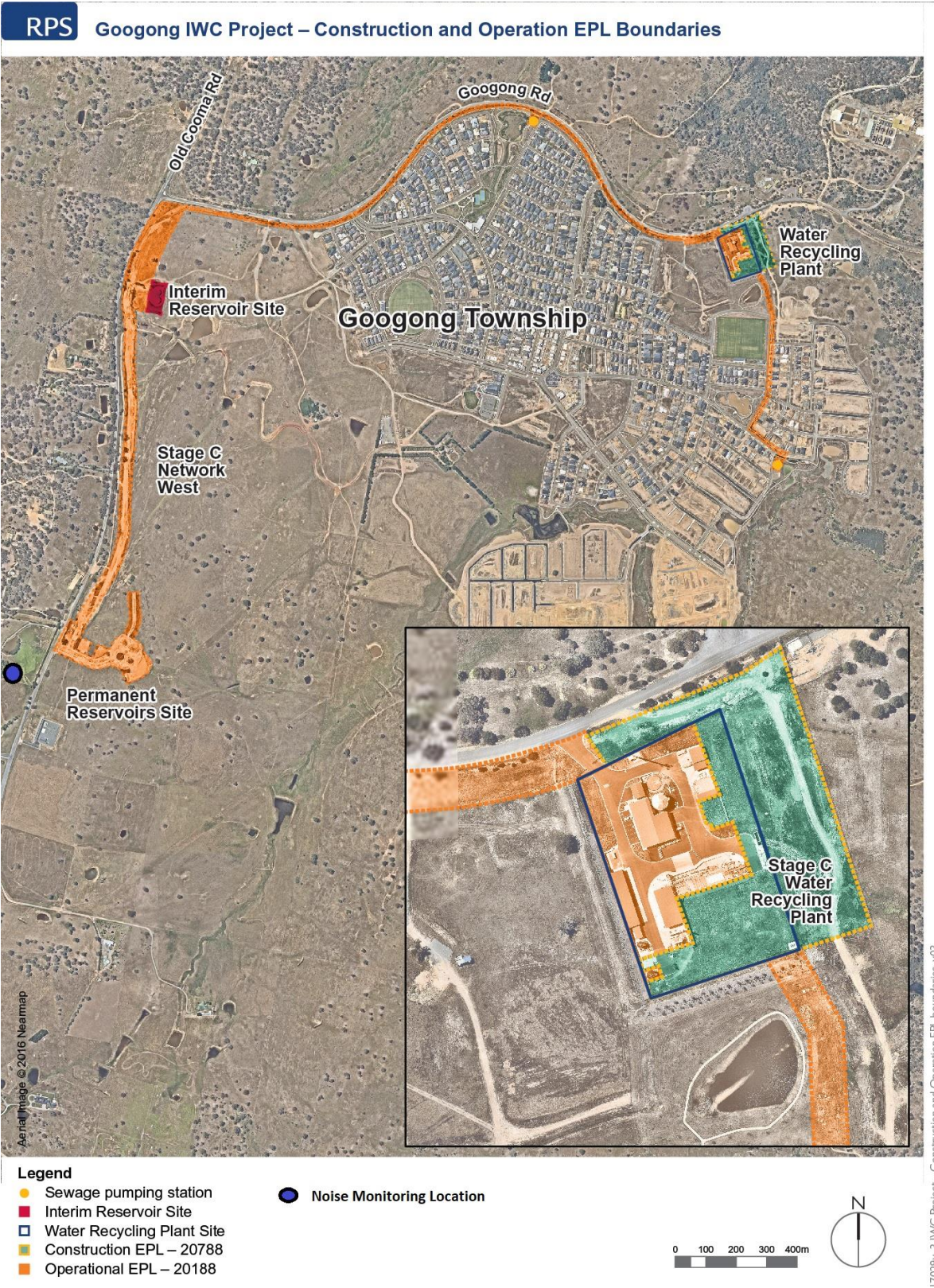


Figure 1 EPL noise monitoring location

## Monitoring data

Condition L5.2 c) permits construction activities at the permanent reservoir site to occur between the hours of 7:00am and 6:00pm Monday to Friday, and, 7:00am to 5:00pm Saturday and Sunday until 30 June 2017, subject to noise verification monitoring being undertaken in accordance with Condition M5.1.

There were two occasions in May 2017, where construction activity occurred on a Saturday thus compliance with Condition M5.1 of EPL 20788 had to be demonstrated.

Please see overleaf for the results of the noise monitoring undertaken on 13 and 27 May 2017. Benchmark noise monitoring was undertaken on Thursday 11 May 2017 so that a comparison could be made to weekend construction noise levels.

The noise monitoring results show that the construction activity that was undertaken during these periods, had a maximum impact of + 3.4dB at the nearest sensitive receiver.

\* Neighbor @ 963 Old Cooma Rd - The dwelling exceeds 300m from where reading was taken -

\* Cannot exceed 5db @ nearest measure.

Guideline ACT Pty Ltd



NOISE MEASUREMENT RECORD

Project Name Geogong race west. Project Number: 611

Area Noise Assessment: Hill 800 to Old Cooma Rd Residence. Date of Assessment: 11 / 5 / 17.

5:30 Thursday 11/5/17.

Area	Description of work	Hours	Noise source	Peak sound press level (dB)	Time Measurement taken	Exposure time [h]	No. of people exposed	Comments
1 Hill 800	N.I - out of hours			39.8	5:30	2 Min.	1	Initial Out of work hours
2 CH40 ACCESS RD				40.0	5:34	5 Min	1	Noise monitoring - Benchmark
3 Site Sheds				40.4	5:40pm	5 Min	1	for comparison to weekend
4 Neighbor 963 Old Cooma Rd				40.0	5:46	5 Min	1	work noise monitoring.

42.5  
42.7  
43.4

8:00 Saturday 13/5/17.

1 Hill 800 @ Gate - L				42.5		5 Min	1	- Bolt Tightening
2 Neighbor Gate 963 Old Cooma Rd				43.4		5 Min.	1	- Site Generator louder than site activities

activities

Assessment complete - Sign off by Responsible Person

T. Damocdy Name      [Signature] Signature      13/5/17. Date

NOISE MEASUREMENT RECORD

Project Name Coogong mc west Project Number: 811

Area Noise Assessment: Hill 800 Activities impact @ closest monitor Neighbor Date of Assessment: 13 / 5 / 17

11:00 am

1:30

Area	Description of work	Hours	Noise source	Peak sound press level (dB)	Time Measurement taken	Exposure time [h]	No. of people exposed	Comments
Neighbor 963 OCK Hill 800 - @ tanks.			Site	30.1 30.6	11:00 am	NA	NA	Bolt tightening & Generator
Neighbor 963 OCK Hill 800			Site.	47.5 32.0	1:30 pm	NA	NA.	Car noise Bolt tightening - hand tools.


Assessment complete - Sign off by Responsible Person

	/ /	
Name	Signature	Date

NOISE MEASUREMENT RECORD

Project Name <u>Googong IWC West</u>							Project Number: <u>611</u>	
Area Noise Assessment:							Date of Assessment: <u>27/05/2017</u>	
Area	Description of work	Hours	Noise source	Peak sound press level (dB)	Time Measurement taken	Exposure time [h]	No. of people exposed	Comments
<u>Neighbor 963</u>	<u>Tank installation</u>		<u>Site</u>	<u>44.7</u>	<u>9.37 am</u>	<u>NA</u>	<u>NA</u>	<u>44.7 - from generator / farm animals</u>
	<u>(Hill 800)</u>			<u>62.6</u>				<u>62.6 - Cars driving past</u>

Assessment complete - Sign off by Responsible Person

<u>Brendan Wuiifora</u>		<u>27/05/17</u>
Name	Signature	Date

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Approved by Managing Director	Date: June 2014	