



Pollution Incident Response Management Plan

Googong Township IWC Project: Stage AB Network

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Document Status

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1.0	Draft for GTPL review	KB	RS	11/08/15
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Approval for Issue

Name	Signature	Date
Rob Salisbury		16/09/15

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1.0 Introduction

1.1 Background

The *Protection of the Environment Legislation Amendment Act 2011* (POELA Act) has introduced several changes to improve the way pollution incidents are reported, managed and communicated to the general community. This includes a new requirement (under Part 5.7A of the *Protection of the Environment Operations Act 1997* (POEO Act)) for holders of Environment Protection Licences (EPLs) to prepare, keep, test and implement a Pollution Incident Response Management Plan (PIRMP).

Googong Township Pty Ltd (GTPL) has obtained EPL (No. 20188), which allows for the operation of two sewage pumping stations (SPS1 and SPS2) and their associated rising mains during process commissioning and verification (refer Appendix 1). Under Section 153A of the POEO Act GTPL is required to prepare and implement a PIRMP. Copies of the EPL and PIRMP must be held on site.

1.2 Purpose and objectives

This PIRMP (or Plan) has been developed for the operation of the sewage pumping stations (SPSs) and rising mains which form part of the Stage AB Network of the Googong Township Integrated Water Cycle (IWC) Project. It should be read in conjunction with the Stage AB Network Operation Environment Management Plan (OEMP).

The Stage AB Network OEMP is the key document in the Environmental Management System (EMS) for operation works and is required as per the IWC Project Condition of Approval (CoA) D7. The EMS structure, which includes this PIRMP is outlined in Figure 1 and described in more detail in Section 1.7 of Stage AB Network OEMP.

The objectives of this PIRMP are to:

- Ensure comprehensive and timely communication about a pollution incident to staff at the premises, the Environment Protection Authority (EPA) and other relevant authorities specified in the POEO Act (such as local councils, NSW Ministry for Health, WorkCover NSW, and Fire and Rescue NSW), and people outside the project who might be affected by the impacts of a pollution incident.
- Minimise and control the risk of a pollution incident associated with the operation of the project by requiring identification of risks and the development of planned actions to minimise and manage those risks.
- Ensure that the PIRMP is properly implemented by trained staff, identifying persons responsible for implementing it and ensuring that the plan is regularly tested for accuracy, currency and suitability.

Unless otherwise identified, GTPL will be responsible for the review and implementation of this Plan and related environmental documents based on detailed operation information.

1.3 Definition of 'pollution incident'

The POEO Act defines a pollution incident as:

An incident or set of circumstances during or as a consequence of which there is or is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur. It includes an incident or set of circumstances in which a substance has been placed or disposed of on premises, but it does not include an incident or set of circumstances involving only the emission of any noise.

A pollution incident is required to be notified if there is a risk of material harm to the environment. Material harm is defined under the POEO Act as:

- If the actual or potential harm to the health or safety of human beings or ecosystems is not trivial.
- If actual or potential loss or property damage (including clean-up costs) associated with an environmental incident exceeds \$10,000.

Industry is now required to report pollution incidents immediately (i.e. promptly and without delay) to the EPA, NSW Health, Fire and Rescue NSW, WorkCover NSW and the local council.

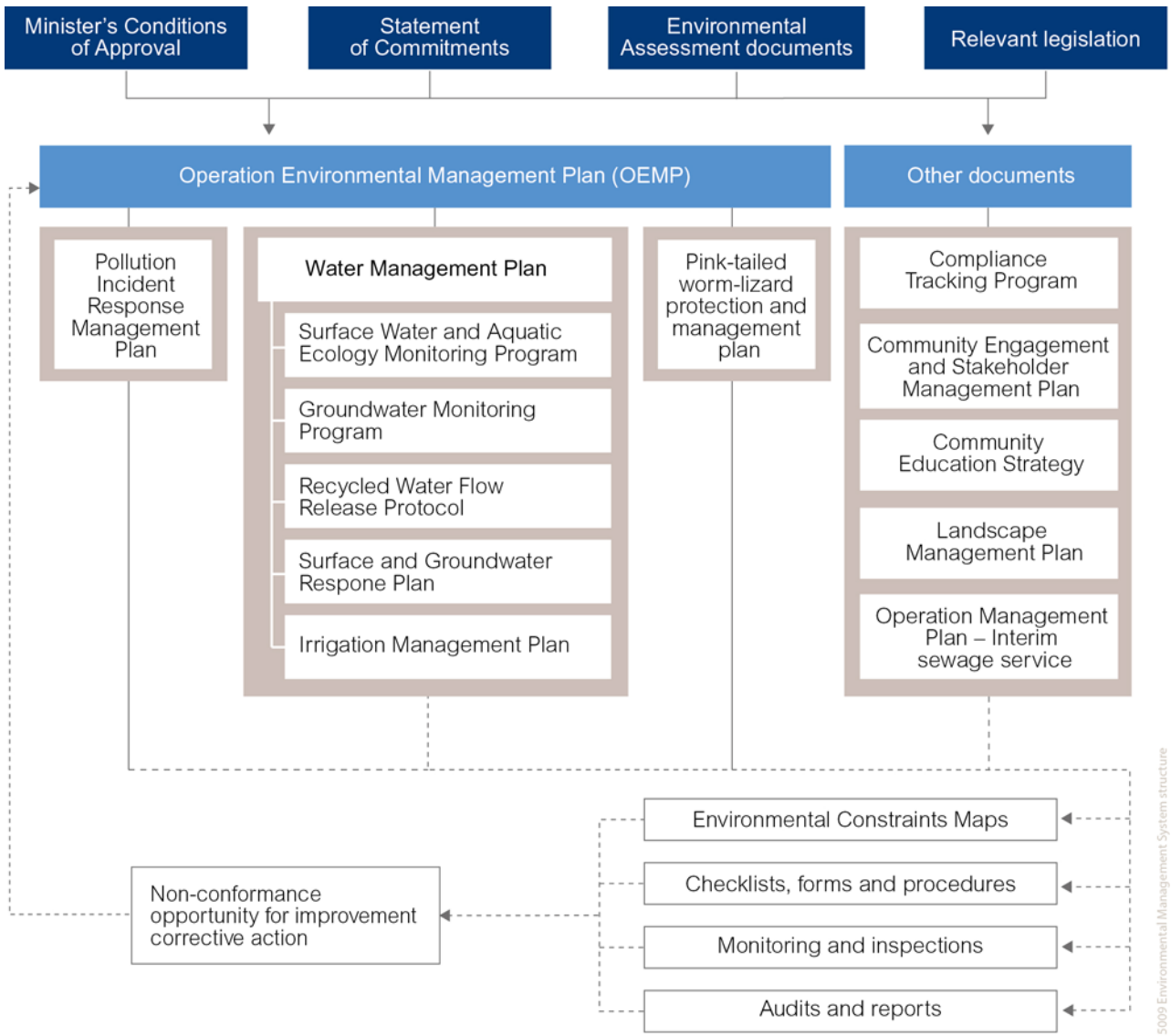


Figure 1 Environment Management System structure

2.0 Project description

2.1 Description of the Stage AB – Network (process commissioning and verification)

2.1.1 Process commissioning of the WRP - September to November 2015

During process commissioning of the WRP, sewage from the township will flow in a gravity sewerage system to SPS1, and be pumped directly to the WRP via the rising main.

SPS1 consists of an underground, concrete well structure with submersible sewage pumps. Emergency storage is provided for pump/power failure. Manual air valves and scour valve arrangements are also provided in accordance with WSA 04.

SPS1 will pump directly to the inlet works at the WRP. There are two pumps within SPS1 in a duty/standby arrangement, which will be made operational once the WRP can begin receiving flows for process commissioning.

The pumps in SPS are controlled by wet well-level sensors, which switch the pumps on when the water level reaches the design cut-in level, and switches the pumps off, when the water level drops to the cut-out level.

Should inflow to SPS1 exceed the pump discharge rate at any time, the emergency storage tanks will start to fill.

A Supervisory Control and Data Acquisition (SCADA) system is linked to SPS1 and can be controlled remotely by QCC from their depot. During process commissioning and verification of the WRP, GTPL will liaise with QCC to gain access to the SCADA system to operate SPS1 (and SPS2 during process verification).

SPS1 is ventilated to the atmosphere with a standard 12m high DN150mm ventilation stack, connected to the wet well.

2.1.2 Process verification of the WRP - November 2015 to March 2016

During process verification of the WRP, sewage from NH1A will flow in a gravity sewerage system to SPS1 and SPS2, and be pumped directly to the WRP.

The design and operation of both SPS1 and SPS2 is the same as that described in process commissioning for SPS1.

3.0 Hazard identification and pre-emptive measures

3.1 Identification of pollution hazards

Section 4.3 of the OEMP identifies environmental and safety aspects associated with the process commissioning and verification of the Stage AB Network. In relation to the operation of the SPSs and rising mains, these may include:

- Sewage discharge or overflow from an SPS.
- Odour emissions.
- Spillage of sewage from an SPS or rising main.

3.2 Pre-emptive measures

A list of pre-emptive actions (also referred to as mitigation measures) is listed in Section 4.4 of the OEMP. As specified, each operator (GTPL, Icon Water, QCC or relevant contractors) will be responsible for implementing the mitigation measures to minimise or prevent the risk of pollution incidents from occurring.

Additionally, other EMS documents have been developed and can be used to identify potential hazards to human health and the environment, (e.g. environmental work method statements, environmental constraints map, and specific environmental procedures, forms and checklists).

4.0 Inventory of pollutants

The only potential pollutant present onsite at both SPSs will be the sewage itself.

The normal maximum operating level of SPS1 during process commissioning and verification will be up to about 20 kilolitres. When the level exceeds this in the pump station (wet well) it is classified as an Emergency Event, causing the emergency storage tanks to begin to fill. There is a maximum storage of 700 kilolitres at SPS1 before an overflow would occur.

The normal maximum operating level of SPS2 during process verification will be up to about 20 kilolitres. When the level exceeds this in the pump station (wet well) it is classified as an Emergency Event, causing the emergency storage tanks to begin to fill. There is a maximum storage of 950 kilolitres at SPS2 before an overflow would occur.

5.0 Safety equipment

A list of pre-emptive actions (or mitigation measures) to be implemented during operation of Stage AB Network to minimise or prevent the risks to human health and the environment is outlined in Table 4.4 of the Stage AB Network OEMP. The table includes a description of safety equipment and activity-specific equipment to address hazard, risk and safety issues. Spill kits will also be available on site for all personnel to use. Refer to the relevant operator's Workplace Health and Safety Plan (or equivalent) for more detail on PPE and Site Safety Equipment.

6.0 Maps

The following maps have been included in this Plan:

- Figure 2 – SPS1 site layout
- Figure 3 – SPS2 site layout
- Figure 4 – Stage 1 EPL premises boundary

Figure 2 SPS1 site layout

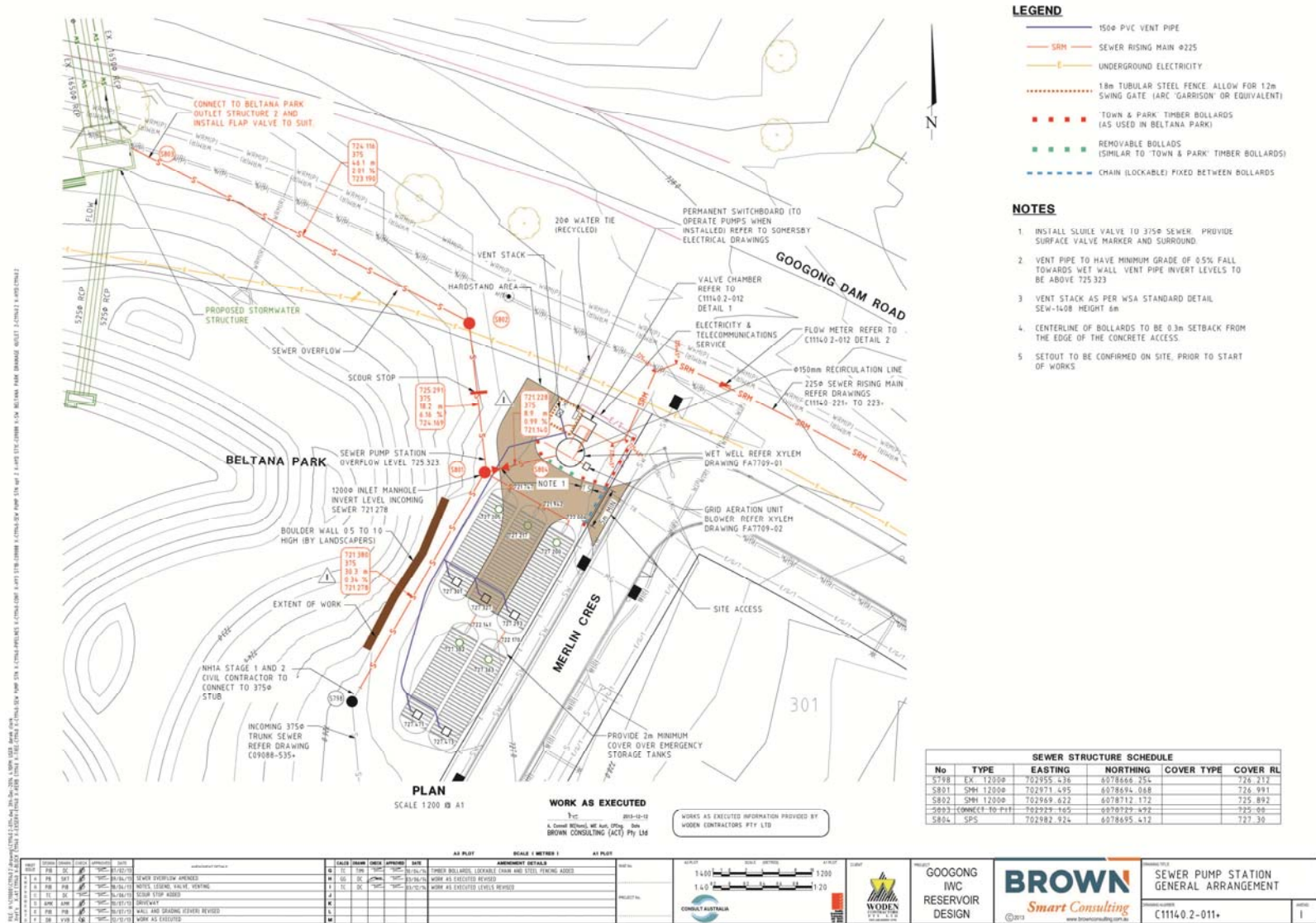


Figure 3 SPS2 site layout

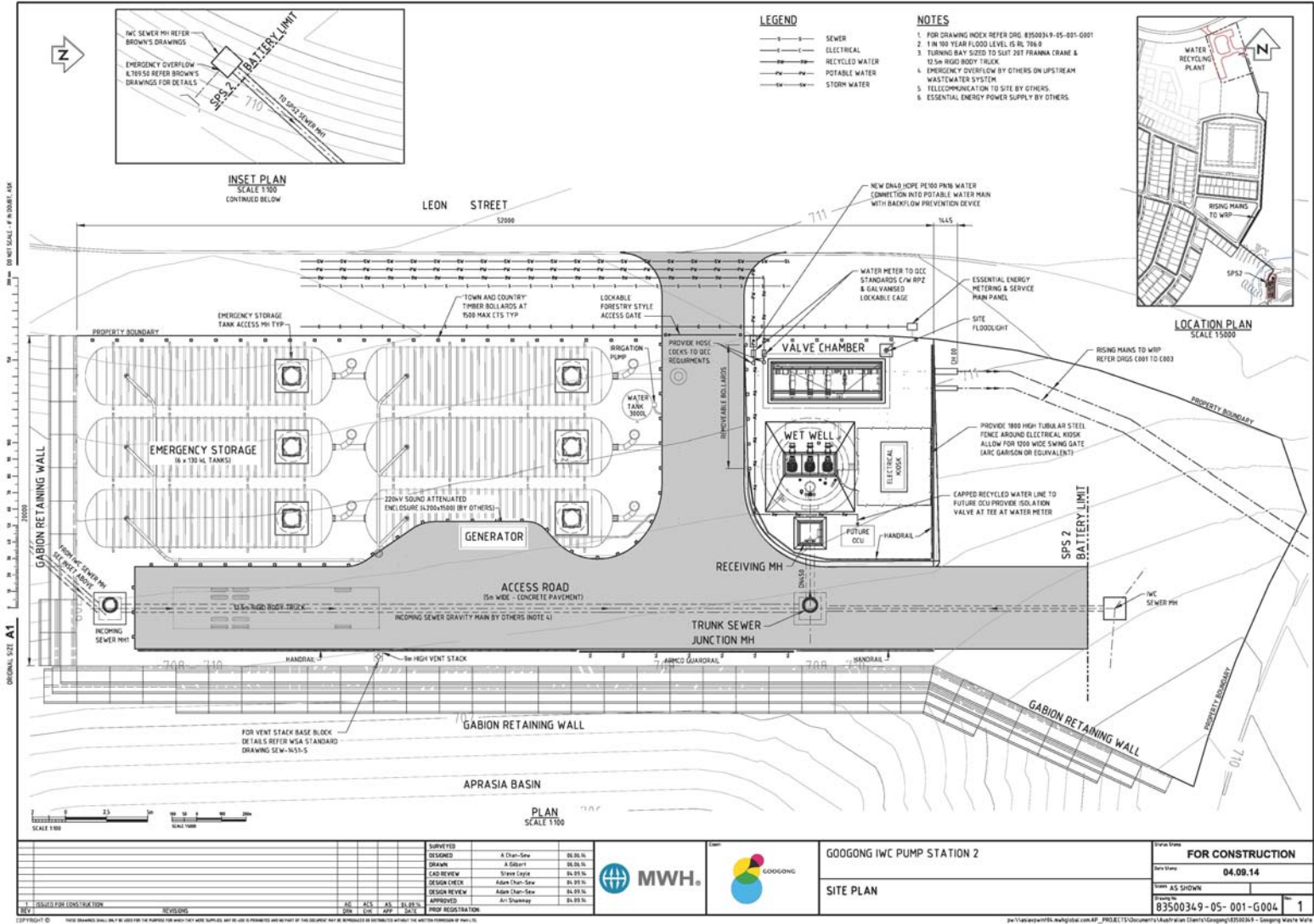
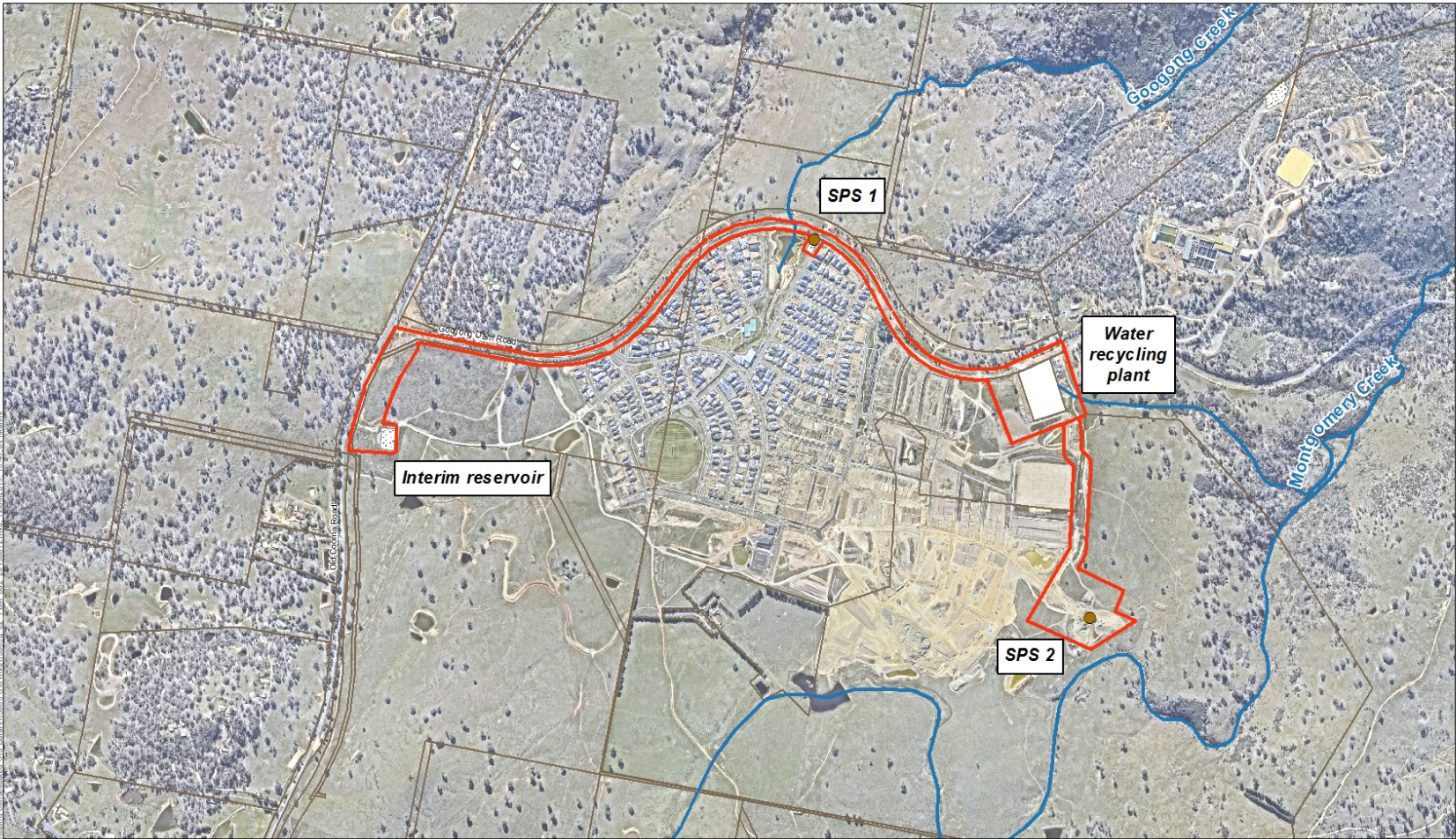


Figure 4 Stage 1 EPL premises boundary




Source Brown Consulting
Drawing no. 13065g_02_PBM_002_20150812
Date 12/08/2015

Indicative only, subject to detailed design

- Sewage pumping station (SPS)
- Premise boundary
- Existing creek/waterway

0 100 200 300m



Googong Township Integrated Water Cycle
Stage 1 – Premise boundary map

7.0 Incident management and notification

Section 153F of the POEO Act requires the PIRMP is implemented if a pollution incident occurs. This section provides a detailed description of the actions that will be taken immediately after a pollution incident to reduce or control any pollution.

7.1 Classification of environmental incidents

The Stage AB Network OEMP classifies two categories of environmental incidents. These are detailed in the sections below.

7.1.1.1 Category one

Category one incidents include:

- Unauthorised sewage or sediment discharge or fuel, oil or chemical spill leaving site where the pollution incident causes or threatens material harm to the environment or people (as per Part 5.7 of the POEO Act).
- Unauthorised impact to threatened species and endangered ecological communities.
- Unauthorised impact to Aboriginal or non-Aboriginal heritage items, sites or relics.
- Carrying out of work without necessary approval/permit /licence.

7.1.1.2 Category two

Category two incidents include:

- Pollution incidents that can be cleaned up without material harm to the environment or people (as per Part 5.7 of the POEO Act).
- A non-conformance with the environmental management system that does not result in a Category one incident.

7.2 Incident management response

7.2.1.1 Category one

- If necessary, stop work in relevant area and take necessary actions or put in place suitable controls to avoid and reduce impacts of incidents to the environment or community.
- All operators must immediately notify the GTPL Assistant Project Director (refer to Section 7.3).
- GTPL to immediately notify all relevant authorities (DP&E, EPA, Ministry of Health, WorkCover, QCC/Palerang Council and Fire and Rescue NSW) for pollution incidents causing or threatening material harm (refer to Section 7.3).
- GTPL to immediately notify DP&E (and others as required) for all other category one incidents.
- All operators will complete an incident report form and record in the Incident Register (to be developed and managed by each contractor/operator) and submit report to GTPL within two days.
- All operators will investigate the incident (root cause analysis) and for implementing any opportunities for improvement (as soon as practical, but within one week).
- GTPL to issue copy of incident report and root cause analysis to DP&E (and others as required) for their consideration (within seven days).

7.2.1.2 Category two

- If necessary, stop work in relevant area and take necessary actions or put in place suitable controls to avoid and reduce impacts of incidents to the environment or community.
- All operators must immediately notify the GTPL Assistant Project Director (refer to Section 7.3).
- All operators will complete an incident report form and record in the Incident Register (to be developed and managed by the contractor/operator) and submit to report to GTPL within two weeks.
- All operators are responsible for investigating the incident (root cause analysis) and for implementing any opportunities for improvement (as soon as practical, but within one week).
- GTPL to report on category two incidents to DP&E in the six-month construction compliance report.
- GTPL to report on category two incidents to EPA in the Annual Return (if relevant).

7.3 Incident reporting

Icon Water, QCC, the SPS Operator and the Sewage Tankering Contractor will each be responsible for identifying and investigating incidents related to their area of operations. GTPL will be kept informed of incidents and liaise with the relevant authorities, when necessary.

GTPL and the operator will determine if the incident is a Category one or Category two incident and then follow the appropriate reporting protocol.

All incident recording, management and reporting will be in accordance with the requirements of the Compliance Tracking Program (for the first two years of operation), which documents GTPL's:

- Mechanisms for recording incidents and actions taken in response to those incidents.
- Provisions for reporting environmental incidents to the Director-General during operation.

Condition L2.3 of EPL 20188 stipulates pollutant concentration limits that should not be exceeded during process commissioning and verification. Any detected exceedance of licence limits will be required to be reported to the EPA in accordance with licence conditions and/or the POEO Act.

7.3.1 **Category one pollution incident reporting - notification under the POEO Act**

All pollution incidents causing or threatening material harm to the environment must be notified to the EPA via the EPA Environment Line (telephone 131 555) in accordance with Section 148 of the POEO Act and Condition R2 of EPL 20188.

A 'pollution incident' includes a leak, spill or escape of a substance, or circumstances in which this is likely to occur. Material harm is defined under the POEO Act:

- If the actual or potential harm to the health or safety of human beings or ecosystems is not trivial.
- If actual or potential loss or property damage (including clean-up costs) associated with an environmental incident exceeds \$10,000.

All pollution incidents causing or threatening material harm to the environment must be notified to each relevant authority in accordance with Section 148 of the POEO Act. For Category one pollution incidents, GTPL will immediately (that is promptly and without delay, after they become aware of the incident) notify:

- DP&E.
- EPA.
- Ministry of Health.

- WorkCover.
- QCC and/or Palerang Council.
- Fire and Rescue NSW.

An environment incident report (in accordance with the reporting requirements of EPL 20188) will be prepared by the operator and provided to GTPL within two days of the incident occurring, including learnings from the incident and proposed measures to prevent the occurrence of a similar incident.

Within seven days of the incident occurring, GTPL will provide a detailed incident report and copy of the root cause analysis investigation to the EPA, including the following information in accordance with Section 150 of the amended POEO Act and Condition R3 of EPL 20188:

- The time, date, nature duration and location of the incident.
- The location of the place where pollution is occurring or is likely to occur.
- The nature, the estimated quantity or volume and the concentration of any pollutants involved, if known.
- The circumstances in which the incident occurred, including the cause of the incident, if known.
- The action or proposed to be taken to deal with the incident and any resulting pollution or threatened pollution, if known.
- Other information prescribed by the regulations.

7.3.2 All other Category one incident reporting

For all other Category one incidents, GTPL will notify the Director-General DP&E and any relevant agencies as soon as practicable after GTPL becomes aware of the incident.

An incident report will be prepared by the operator and provided to GTPL within two days of the incident occurring, including learnings from the incident and proposed measures to prevent the occurrence of a similar incident.

Within seven days of the incident occurring, GTPL will provide the Director-General of DP&E, and any relevant agencies, a detailed incident report and copy of the root cause analysis investigation.

7.3.3 Category two incident reporting

An incident report will be prepared by the operator and provided to GTPL within two weeks of the incident occurring, including learnings from the incident and proposed measures to prevent the occurrence of a similar incident.

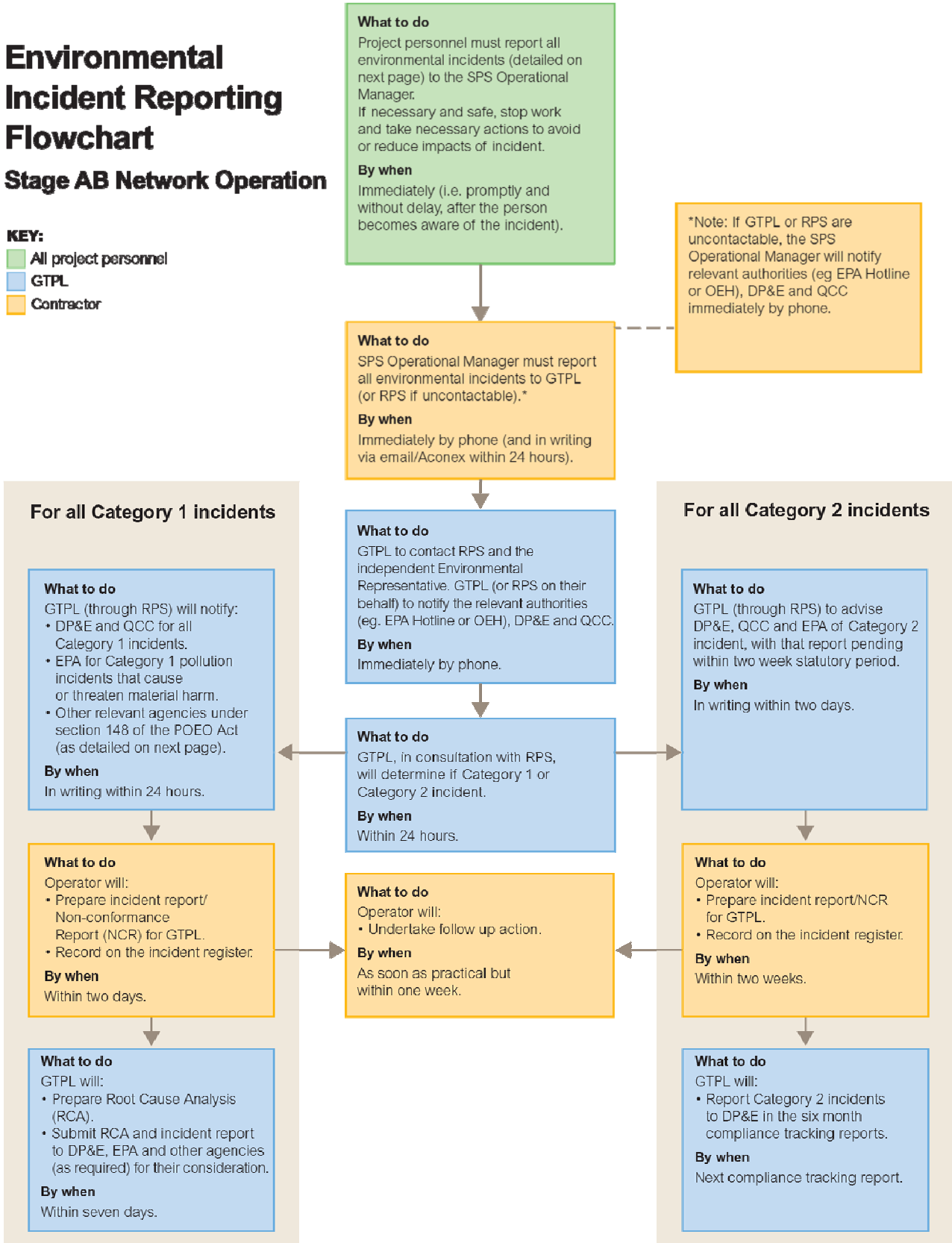
Category two incidents will be reported to DP&E through the six-monthly compliance reports (required for the first two years of operation). They will also be reported to the EPA through the Annual Return in accordance with Condition R1 of EPL 20188.

Environmental Incident Reporting Flowchart

Stage AB Network Operation

KEY:

- All project personnel
- GTPL
- Contractor



WHAT IS AN ENVIRONMENTAL INCIDENT?

What is a Category 1 Incident?

- A pollution incident which causes or threatens material harm to the environment or people (as per Part 5.7 of the NSW Protection of the Environment Operations Act 1997 (POEO Act). For example, unauthorised sewage discharge or fuel, oil or chemical spill leaving site.
- Unauthorised impact to threatened species and endangered ecological communities.
- Unauthorised impact to Aboriginal or non-Aboriginal heritage items, sites or relics.
- Carrying out of work without necessary approval/permit/licence.

What is a Category 2 Incident?

- Pollution incidents that can be cleaned up without material harm to the environment or people (as per Part 5.7 of the POEO Act).
- A non-conformance with the environmental management system that does not result in a Category 1 incident.

CONTACT DETAILS

PROJECT TEAM

Name	Phone	Email
Ecowise		
Derek Atkinson (SPS Operational Manager)	0401 405 735	derek.atkinson@ecowise-services.com.au

AGENCIES

DP&E		
Lisa Mitchell (Manager Water Infrastructure Projects)	(02) 9228 6283	lisa.mitchell@planning.nsw.gov.au
EPA (Pollution Incidents)		
Julian Thompson (Unit Head - South East Region)	(02) 6229 7002	julian.thompson@epa.nsw.gov.au
Sharon Peters (Regional Operations Officer)	(02) 6229 7002	sharon.peters@epa.nsw.gov.au
EPA Hotline	131 555	
OEH (Heritage and Biodiversity)		
Jackie Taylor (Archaeologist – South East)	0408 201 239	jackie.taylor@environment.nsw.gov.au
Heritage Council of NSW (for non-Aboriginal heritage)	(02) 9873 8500	
Rod Pietsch (Senior Threatened Species Officer)	(02) 6229 7114	rod.pietsch@environment.nsw.gov.au
QCC		
QCC Duty Officer	0417 499 153	

OTHER AGENCIES

NSW Rural Fire Service	000
Southern NSW Local Health District Public Health Unit	(02) 6080 8900
WorkCover NSW	131 050

Notification of pollution incidents under Section 148 of the Protection of Environment Operations Act 1997.

Pollution incidents causing or threatening material harm to the environment must, immediately after the incident is made aware of, notify each relevant authority of the incident and all relevant information about it.

Relevant authority means any of the following:

- a) for all incidents
 - EPA
 - QCC
- b) potentially
 - Southern NSW Local Health District Public Health Unit
 - WorkCover NSW
 - NSW Rural Fire Service

Contact details have been provided for the relevant authorities.

15009v_28

Information as of August 4, 2015

8.0 Emergency contact details

Table 1 Emergency contacts

Emergency contact/organisation	Name	Contact details
GTPL – Assistant Project Director	Craig Harris	0409 999 059
GTPL – IWC Development Manager	Matthew Lau	0481 035 715
QCC Manager – Water and Sewer	Andre Pretorius QCC Emergency Call Out	0418 250 853 (02) 6285 6000 After hours (02) 6298 1234
Icon Water	Icon Water Operations Control Centre (SMC)	(02) 6248 3457
SPS Operator (Ecowise, on behalf of GTPL)	Derek Atkinson (Ecowise)	0401 405 735
SPS Operator (QCC, following handover)	QCC Emergency Call Out	(02) 6285 6000 After hours (02) 6298 1234
OEH – EPA	Pollution line	131 555
OEH – EPA (South East Region)	Julian Thompson/ Sharon Peters	(02) 6229 7002
DP&E	Lisa Mitchell	(02) 9228 6284
Murrumbidgee/Southern NSW Local Health District Public Health Unit	N/A	(02) 6080 8900
NSW Health	N/A	(02) 9391 9000
Police	N/A	000 (or 112 from mobiles)
Local Police	N/A	131 444
Ambulance	N/A	000 (or 112 from mobiles)
Canberra Hospital	N/A	(02) 6244 2222
Queanbeyan Hospital	N/A	(02) 6298 9211
NSW Rural Fire Service	N/A	000 (or 112 from mobiles)
Gas/electricity	N/A	131 909
Queanbeyan City Council	N/A	(02) 6285 6000 After hours (02) 6298 1234
ACTEW Corporation	N/A	6248 3111
WorkCover NSW	N/A	13 10 50
Telstra	N/A	132 999
ACT Territory and Municipal Services	N/A	13 22 81
WIRES	N/A	1300 194 737

9.0 Emergency response and minimising harm to persons

Each contractor/operator will be responsible for preparing and implementing an emergency response plan to minimise the risk of harm to any persons on the premises resulting from a pollution incident (and other emergencies such as fire, flood etc). As part of this plan the following will be included:

- Evacuation procedures including the advertising of muster points.
- Identifying options for medical treatment and location of nearby services.

10.0 Community notification

Local community stakeholders that may be potentially affected by a pollution incident include nearby residents, the ranger station and the Icon Water water treatment plant or downstream water users. In the unlikely event of a pollution incident that could result in impacts outside the Stage AB Network site, community stakeholders will be notified immediately by one of the following methods:

- Door knocking by GTPL representative or emergency services personnel (dependent on nature of event).
- Phone call by GTPL representative.
- Other methods determined by the GTPL as deemed necessary or as advised by a particular agency (e.g. follow up letters/emails, or website update).

In the unlikely event that there was an overflow from SPS1, GTPL would work with QCC to notify the downstream users.

All communications will be undertaken in accordance with the Community Engagement and Stakeholder Management Plan that includes a Community Information Plan, which has been prepared for Stage 1 of the IWC Project.

11.0 Staff training

Details regarding the nature and objectives of any staff competence, training and awareness are outlined in Section 5 of the Stage AB Network OEMP. Several forms of environmental training will be provided, including:

- A project site induction, including environmental roles and responsibilities.
- Toolbox talks.
- Environmental Work Method Statements for site activities to which all site personnel will be inducted.
- Environmental awareness training for specific issues.

A register of all project site inductions and environmental training carried out will be maintained by each operator.

12.0 Testing and review

12.1 Testing of the PIRMP

12.1.1 Timing

The POEO (General) Regulation 2009 (Clause 98E) states for testing of the PIRMP:

- (1) *The testing of a plan is to be carried out in such a manner as to ensure that the information included in the plan is accurate and up to date and the plan is capable of being implemented in a workable and effective manner.*
- (2) *Any such test is to be carried out:*
 - *Routinely at least once every 12 months, and*
 - *Within 1 month of any pollution incident occurring in the course of an activity to which the licence relates so as to assess, in the light of that incident, whether the information included in the plan is accurate and up to date and the plan is still capable of being implemented in a workable and effective manner.*

In accordance with the Regulation, testing of this PIRMP will occur:

- Initially within three months after commencement of operation of SPS1 as part of process commissioning of Stage AB WRP, and
- Within 1 month of any Category One pollution incident occurring at the SPSs or associated rising mains during process commissioning and verification.

12.1.2 Records

Testing of the PIRMP will involve:

- Desk top simulation; or
- Practical exercise or drill.

Each operator will record the outcomes of each test by the using the register included at Appendix 2. If the test identifies any shortcomings, this PIRMP will be corrected and/or appropriate non-conformance actions will be undertaken in accordance with Section 8.4 of the Stage AB Network OEMP. This would include any non-conformance or opportunities for improvement to be recorded through the non-conformance register.

Appendix I

EPL #20188

Licence Variation

Licence - 20188



GOOGONG TOWNSHIP PTY LIMITED
Trading as The Trustee for Googong Township Unit Trust
ABN 95 154 514 593
PO Box 1000
CIVIC SQUARE ACT 2608

Attention: Mr Craig Harris

Notice Number 1529655
File Number EF13/3959
Date 13-Apr-2015

NOTICE OF VARIATION OF LICENCE NO. 20188

BACKGROUND

- A. GOOGONG TOWNSHIP PTY LIMITED Trading as The Trustee for Googong Township Unit Trust ("the licensee") is the holder of Environment Protection Licence No. 20188 ("the licence") issued under the *Protection of the Environment Operations Act 1997* ("the Act"). The licence authorises the carrying out of activities at Corner of Old Cooma Road and Googong Dam Road, GOOGONG, NSW, 2620 ("the premises").
- B. On 01-Apr-2015 the Environment Protection Authority (EPA) received an application for the variation of the licence to allow for certain construction works to occur outside standard construction hours.
- C. A meeting between the licensee and the EPA was held on 19 March 2015 to discuss the proposal to undertake works outside of the standard construction hours at the premises. The EPA advised that the licensee could undertake works provided the licensee could demonstrate that impacts at nearest sensitive receivers would not be greater than 5dB(A) over the rating background level or if a noise agreement between the licensee and the potentially impacted sensitive receivers had been reached.
- D. The EPA has considered the licensee's request and has agreed to amend the licence to permit out of hours construction works under specific conditions.

VARIATION OF LICENCE NO. 20188

1. By this notice the EPA varies licence No. 20188. The attached licence document contains all variations that are made to the licence by this notice.
2. The following variations have been made to the licence:
 -

Licence Variation



A handwritten signature in black ink, appearing to read 'Julian Thompson', written over a horizontal dotted line.

Julian Thompson

Unit Head

South East - Queanbeyan

(by Delegation)

INFORMATION ABOUT THIS NOTICE

- This notice is issued under section 58(5) of the Act.
- Details provided in this notice, along with an updated version of the licence, will be available on the EPA's Public Register (<http://www.epa.nsw.gov.au/prpoeo/index.htm>) in accordance with section 308 of the Act.

Appeals against this decision

- You can appeal to the Land and Environment Court against this decision. The deadline for lodging the appeal is 21 days after you were given notice of this decision.

When this notice begins to operate

- The variations to the licence specified in this notice begin to operate immediately from the date of this notice, unless another date is specified in this notice.
- If an appeal is made against this decision to vary the licence and the Land and Environment Court directs that the decision is stayed the decision does not operate until the stay ceases to have effect or the Land and Environment Court confirms the decision or the appeal is withdrawn (whichever occurs first).

Environment Protection Licence

Licence - 20188



Licence Details

Number:	20188
Anniversary Date:	25-October

Licensee

GOOGONG TOWNSHIP PTY LIMITED

PO BOX 1000

CIVIC SQUARE ACT 2608

Premises

GOOGONG TOWNSHIP INTEGRATED WATER CYCLE PROJECT

CORNER OF OLD COOMA ROAD AND GOOGONG DAM ROAD

GOOGONG NSW 2620

Scheduled Activity

Sewage Treatment

Fee Based Activity

Scale

Sewage treatment processing by small plants

> 219-1000 ML discharged

Region

South East - Queanbeyan

11 Farrer Place

QUEANBEYAN NSW 2620

Phone: (02) 6229 7002

Fax: (02) 6229 7006

PO Box 622 QUEANBEYAN

NSW 2620

Environment Protection Licence

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Information about this licence

Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

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The EPA publication "A Guide to Licensing" contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

This licence is issued to:

GOOGONG TOWNSHIP PTY LIMITED
PO BOX 1000
CIVIC SQUARE ACT 2608

subject to the conditions which follow.

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1 Administrative Conditions

A1 What the licence authorises and regulates

- A1.1 This licence authorises the carrying out of the scheduled development work listed below at the premises listed in A2:
Construction and testing of Stage 1 of the Googong Township IWC Project comprising reticulated sewerage mains, 2 sewage rising mains and 2 sewage pumping stations, sewage treatment plant, treated effluent transfer main and associated interim storage.
- A1.2 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Sewage Treatment	Sewage treatment processing by small plants	> 219 - 1000 ML discharged

- A1.3 This licence does not permit the operation of the sewage treatment works. Please note that following the process verification phase and validation of plant performance, monitoring and operational conditions are subject to change once the plant becomes operational.

A2 Premises or plant to which this licence applies

- A2.1 The licence applies to the following premises:

Premises Details
GOOGONG TOWNSHIP INTEGRATED WATER CYCLE PROJECT
CORNER OF OLD COOMA ROAD AND GOOGONG DAM ROAD
GOOGONG
NSW 2620
PART LOT 6 DP255492, PART LOTS 12 & 14 DP 1164687 AND GOOGONG DAM ROAD RESERVE COMPRISING THE AREA BOUNDED BY A RED LINE AS SHOWN ON THE MAP TITLED "GOOGONG TOWNSHIP INTEGRATED WATER CYCLE STAGE 1 - PREMISE BOUNDARY MAP", DATED 15 SEPTEMBER 2014 AND RECEIVED BY THE EPA ON 4 NOVEMBER 2014 (DOC14/260368).

- A2.2 The premises location is shown on the map below.

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A3 Information supplied to the EPA

A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

P1.1 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

P1.2 The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.

Water and land

EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
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1	Monitoring and discharge to waters	Monitoring and discharge to waters	Discharge point at interim reservoirs to the chain of ponds at Beltana Park (Refer to 'RPS: Stage 1 - Discharge and Compliance Locality Map' (TRIM DOC15/32026-01)).
2		Discharge to waters	Outlet structure on Googong Creek immediately downstream of the chain of ponds at Beltana Park (Refer to 'RPS: Stage 1 - Discharge and Compliance Locality Map' (TRIM DOC15/32026-01)).
3	Effluent quality monitoring		Compliance sampling point located at the outlet of the off-spec water tank at the Water Recycling Plant (Refer to 'RPS: Stage 1 - Discharge and Compliance Locality Map' (TRIM DOC15/32026-01)).

3 Limit Conditions

L1 Pollution of waters

L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

L2 Concentration limits

L2.1 For each monitoring/discharge point or utilisation area specified in the table\&s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.

L2.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.

L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\&s.

L2.4 Water and/or Land Concentration Limits

POINT 1,2

Pollutant	Units of Measure	50 Percentile concentration limit	90 Percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
BOD	milligrams per litre		10		TBA

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Chlorine (free residual)	milligrams per litre	0.1	TBA
Faecal Coliforms	colony forming units per 100 millilitres	150	TBA
Nitrogen (ammonia)	milligrams per litre	2	TBA
Nitrogen (total)	milligrams per litre	10	TBA
Oil and Grease	milligrams per litre	2	TBA
pH	pH	6.5 - 8.0	TBA
Phosphorus (total)	milligrams per litre	0.5	TBA
Total suspended solids	milligrams per litre	10	TBA

Note: Effluent discharged to the environment during the process verification phase shall not exceed the concentration limits stipulated in Condition L2.4, however, after validation of plant performance the licence will stipulate 100th percentile (absolute maximum) concentration limits.

L3 Waste

L3.1 The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below.

Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below.

Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below.

This condition does not limit any other conditions in this licence.

Code	Waste	Description	Activity	Other Limits
NA	Waste	Any waste received onsite that is - below licensing thresholds in Schedule 1 of the POEO Act, as in force from time to time		N/A
NA	General or Specific exempted waste	Waste that meets all the conditions of a resource recovery exemption	As specified in each particular resource recovery exemption	N/A

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under Clause 51A of the
Protection of the
Environment Operations
(Waste) Regulation
2005

L4 Blasting

- L4.1 The overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) for more than five percent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.2 The overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.3 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/sec for more than five percent of the total number of blasts over each reporting period. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.4 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 10mm/sec at any time. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.5 Blasting operations at the premises may only take place between 9:00am to 5:00pm Monday to Friday, 9:00am to 1:00pm Saturday and at no time on Sundays or Public Holidays. (Where compelling safety reasons exist, the Authority may permit a blast to occur outside the abovementioned hours. Prior written (or facsimile) notification of any such blast must be made to the Authority).

L5 Hours of operation

L5.1 Standard construction hours

Unless otherwise specified by any other condition of this licence, all construction activities are:

- a) restricted to between the hours of 7:00am and 6:00pm Monday to Friday;
- b) restricted to between the hours of 8:00am and 1:00pm Saturday; and
- c) not to be undertaken on Sundays or Public Holidays.

L5.2 The following activities may be carried outside the standard construction hours permitted by Condition L5.1:

- a) the delivery of oversized plant or structures that police or other authorised authorities determine require special arrangements to transport along public roads;
- b) emergency work to avoid the loss of lives or property, or to prevent environmental harm;
- c) works that are not more than 5 dB(A) over the rating background level at the nearest noise sensitive receiver as assessed by acoustic investigation.

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L5.3 The licensee must notify the EPA within 48 hours of undertaking any works referred to in Condition L5.2 as well as providing the EPA with a copy of the results of any acoustic investigation made in relation to Condition L5.2c) within 48 hours.

L5.4 The licensee may undertake works outside of standard construction hours if agreement between the licensee and the potentially affected noise sensitive receivers has been reached. Any agreement(s) between the licensee and the noise sensitive receiver must be recorded in writing and a copy of the agreement(s) kept on the premises by the licensee for the duration of this licence.

Note: Chapter 8 of the EPA's Industrial Noise Policy (2001) provides guidance about a negotiated agreement process.

L5.5 Notification of works approved outside of standard construction hours

a) The licensee must notify potentially affected noise sensitive receivers of works outside of standard construction hours not less than 5 days and no more than 14 days before those works are to be undertaken.

b) The notification must be:

- (i) by letterbox drop; and
- (ii) be detailed on the project website

c) The notification required by paragraphs (a) and (b) of this condition must:

- (i) clearly outline the reason the work is required to be undertaken outside the hours specified in Condition L5.1;
- (ii) include a diagram that clearly identifies the location of the proposed works in relation to nearby cross streets and local landmarks;
- (iii) include details of relevant time restrictions that apply to the proposed works;
- (iv) clearly outline, in plain English, the location, nature, scope and duration of the proposed works;
- (v) detail the expected noise impact of the works on noise sensitive receivers;
- (vii) include the number of the telephone complaints line required by Condition M5.1, an after-hours contact phone number specific to the works undertaken outside the hours specified in Condition L5.1, and the project website address.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

O1.1 Licensed activities must be carried out in a competent manner.

This includes:

- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

O2 Maintenance of plant and equipment

O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:

- a) must be maintained in a proper and efficient condition; and
- b) must be operated in a proper and efficient manner.

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O3 Dust

O3.1 All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

5 Monitoring and Recording Conditions

M1 Monitoring records

M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.

M1.2 All records required to be kept by this licence must be:

- in a legible form, or in a form that can readily be reduced to a legible form;
- kept for at least 4 years after the monitoring or event to which they relate took place; and
- produced in a legible form to any authorised officer of the EPA who asks to see them.

M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:

- the date(s) on which the sample was taken;
- the time(s) at which the sample was collected;
- the point at which the sample was taken; and
- the name of the person who collected the sample.

M2 Requirement to monitor concentration of pollutants discharged

M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

M2.2 Water and/ or Land Monitoring Requirements

POINT 1,3

Pollutant	Units of measure	Frequency	Sampling Method
BOD	milligrams per litre	Weekly	24 hour composite sample
Chlorine (free residual)	milligrams per litre	Weekly	24 hour composite sample
Faecal Coliforms	colony forming units per 100 millilitres	Weekly	24 hour composite sample
Nitrogen (ammonia)	milligrams per litre	Weekly	24 hour composite sample
Nitrogen (total)	milligrams per litre	Weekly	24 hour composite sample

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Oil and Grease	milligrams per litre	Weekly	24 hour composite sample
pH	pH	Weekly	24 hour composite sample
Phosphorus (total)	milligrams per litre	Weekly	24 hour composite sample
Total suspended solids	milligrams per litre	Weekly	24 hour composite sample

Note: The monitoring at Point 3 as required by condition M2.1 is conducted to determine compliance with the limits specified by condition L2.1 for discharge to Point 2. Following validation of plant operations after commissioning it is anticipated that the operating frequency for monitoring will be monthly.

M3 Testing methods - concentration limits

M3.1 Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.

M4 Recording of pollution complaints

M4.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

M4.2 The record must include details of the following:

- a) the date and time of the complaint;
- b) the method by which the complaint was made;
- c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
- d) the nature of the complaint;
- e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
- f) if no action was taken by the licensee, the reasons why no action was taken.

M4.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M4.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M5 Telephone complaints line

M5.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

M5.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

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M5.3 The preceding two conditions do not apply until three months after: the date of the issue of this licence.

6 Reporting Conditions

R1 Annual return documents

R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:
a) a Statement of Compliance; and
b) a Monitoring and Complaints Summary.

At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

R1.3 Where this licence is transferred from the licensee to a new licensee:

- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
- b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:

- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
- b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

R1.5 The Annual Return for the reporting period must be supplied to the EPA by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

R1.7 Within the Annual Return, the Statement of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:

- a) the licence holder; or
- b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

R2 Notification of environmental harm

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R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

R3 Written report

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:

- a) where this licence applies to premises, an event has occurred at the premises; or
- b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.

R3.3 The request may require a report which includes any or all of the following information:

- a) the cause, time and duration of the event;
- b) the type, volume and concentration of every pollutant discharged as a result of the event;
- c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
- d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
- e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
- f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
- g) any other relevant matters.

R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

7 General Conditions

G1 Copy of licence kept at the premises or plant

G1.1 A copy of this licence must be kept at the premises to which the licence applies.

G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.

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G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

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Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

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TSP	Means total suspended particles
TSS	Means total suspended solids
Type 1 substance	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
Type 2 substance	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
utilisation area	Means any area shown as a utilisation area on a map submitted with the application for this licence
waste	Has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non-putrescible), special waste or hazardous waste

Mr Stefan Press

Environment Protection Authority

(By Delegation)

Date of this edition: 25-October-2012

End Notes

- Licence varied by notice 1526089 issued on 18-Nov-2014
- Licence varied by notice 1528188 issued on 12-Feb-2015

Appendix 2

PIRMP Test Register

Date of test	Name of personnel undertaking test	Manner of testing	Summary of changes (include brief detail and section number)	Date of update