



Environment Protection Licence

Licence - 1771

Licence Details	
Number:	1771
Anniversary Date:	01-July

Licensee
HUNTER WATER CORPORATION
PO BOX 5171
HUNTER REGION MAIL CENTRE NSW 2310

Premises
BELMONT WASTEWATER TREATMENT WORKS
OFF OCEAN PARK ROAD
BELMONT NSW 2280

Scheduled Activity
Sewage treatment

Fee Based Activity	Scale
Sewage treatment processing by large plants	> 20000-30000 ML annual maximum volume of discharge

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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:

HUNTER WATER CORPORATION
PO BOX 5171
HUNTER REGION MAIL CENTRE NSW 2310

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 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 large plants	> 20000 - 30000 ML annual maximum volume of discharge

- A1.2 The objectives of this licence are to:
- a) require practical measures to be taken to protect public health and the environment;
 - b) require proper and efficient design, construction and management of the sewage treatment system to minimise harm to public health and the environment; and
 - c) minimise the frequency and volume of overflows from the reticulation system and sewage treatment plant.
- A1.3 This licence is to be construed in a manner that will promote the objectives referred to in A1.2.

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
BELMONT WASTEWATER TREATMENT WORKS
OFF OCEAN PARK ROAD
BELMONT
NSW 2280
SEE CONDITION A2.2 FOR THE FULL DESCRIPTION OF THE LICENCED PREMISES

- A2.2 In relation to condition A2.1, the premises is defined as:
- (a) Belmont WWTW: Lot 1 DP 433549, off Ocean Park Road, Belmont, NSW 2280; and
 - (b) Edgeworth WWTW: Part portion 24 Parish Kahibah, Lot 1 DP 669052, off Gareth St, Edgeworth; and
 - (c) Toronto WWTW: Lots 47-53 SEC 2 DP 2707 Portions 3& 10 Reserve Sec 12 DP 1097 & Lot 1 DP 520731, Parish of Awaba, Lots 1-13 Sec 10 DP 1097 and Lots 1-12; and
 - (d) Dora Creek WWTW: Lot 1 DP 730938 CT IDENT 1/730938, Marconi Rd, Dora Creek.
- A2.3 The premises also includes the reticulation system owned and operated by the licensee that is associated with the sewage treatment plant(s) identified in condition A2.1.



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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
1	Effluent quality Discharge to waters	Effluent quality Discharge to waters	At the ocean outfall balance tank labelled as "Monitoring Point 1" on drawing no. 15225 titled "Belmont WWTW Monitoring Point Locations" and dated 28 Aug 2018 (EPA Reference DOC18/629147)
2	Volume monitoring		At Belmont WWTW between the inflow balance tank and the secondary treatment plant labelled as "Monitoring Point 2" on drawing no. 15225 titled "Belmont WWTW Monitoring Point Locations" and dated 28 Aug 2018 (EPA Reference DOC18/629147)

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3	Volume monitoring		Bypass monitoring station between the inflow balance tank and the ocean outfall balance tank labelled as "Monitoring Point 3" on drawing no. 15225 titled "Belmont WWTW Monitoring Point Locations" and dated 28 Aug 2018 (EPA Reference DOC18/629147)
4	Volume monitoring		At the volume monitoring station at Laycock Street Carey Bay labelled as "Monitoring Point 4" on drawing no. 15226 titled "Lake Macquarie Sewerage System Monitoring Points Locations" and dated 28 Aug 2018 (EPA Reference DOC18/629147)
5	Volume monitoring		At the volume monitoring station located at Cardiff Point labelled as "Monitoring Point 5" on drawing no. 15226 titled "Lake Macquarie Sewerage System Monitoring Points Locations" and dated 28 Aug 2018 (EPA Reference DOC18/629147)
7	Volume monitoring Effluent quality monitoring Wet weather discharge	Volume monitoring Effluent quality monitoring Wet weather discharge	The balance pond emergency spillway located at Edgeworth WWTW labelled as "Monitoring Point 7" on drawing no. 15229 titled "Edgeworth WWTW Monitoring Point Locations" and dated 28 Aug 2018 (EPA Reference DOC18/629147)
8	Volume monitoring Effluent quality monitoring Wet weather discharge	Volume monitoring Effluent quality monitoring Wet weather discharge	Balance pond emergency spillway at Toronto WWTW labelled as "Monitoring Point 8" on drawing no. 15230 titled "Toronto WWTW Monitoring Point Locations" and dated 28 Aug 2018 (EPA Reference DOC18/629147)
12	Environmental Monitoring		In the waters of Redhead Beach
13	Environmental Monitoring		In the waters of Blacksmith Beach opposite Awabakal Avenue
14	Volume monitoring		At the pump station that pumps effluent from Edgeworth WWTW to Toronto WWTP labelled as "Monitoring Point 14" on drawing on drawing no. 15229 titled "Edgeworth WWTW Monitoring Point Locations" and dated 28 Aug 2018 (EPA Reference DOC18/629147)

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15	Volume monitoring Effluent quality monitoring Wet weather discharge	Overflow drain at spillway from effluent balance dam at Dora Creek WWTW labelled as "Monitoring Point 15" on drawing no. 15227 titled "Dora Creek WWTW Monitoring Point Locations" and dated 28 Aug 2018 (EPA Reference DOC18/629147)
16	Volume Monitoring	At pump station that pumps effluent from Dora Creek WWTW to Eraring Power Station & Rathmines 6 WWPS labelled as "Monitoring Point 16" on drawing no. 15227 titled "Dora Creek WWTW Monitoring Point Locations" and dated 28 Aug 2018 (EPA Ref. DOC18/629147)
17	Volume Monitoring	Flow flumes at the inlet works at Dora Creek WWTW labelled as "Monitoring Point 17" on drawing no. 15227 titled "Dora Creek WWTW Monitoring Point Locations" and dated 28 Aug 2018 (EPA Reference DOC18/629147)
18	Water quality monitoring Volume monitoring	At the pipe outlet to the ocean outfall balance tank labelled as "Groundwater discharge to ocean outfall balance tank" on the drawing provided to EPA on 6 Feb 2019 (EPA Reference DOC19/96371)

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.
- L1.2 The licensee may only discharge untreated or partially treated sewage from the sewage treatment plant and/or the reticulation system subject to the conditions of this licence, including Sections O1 and O2.

L2 Load limits

- L2.1 The actual load of an assessable pollutant discharged from the premises during the reporting period must not exceed the load limit specified for the assessable pollutant in the table below.
- L2.2 The actual load of an assessable pollutant must be calculated in accordance with the relevant load calculation protocol.

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Assessable Pollutant	Load limit (kg)
BOD (Coastal Water)	
BOD (Enclosed Water)	
Cadmium (Coastal Water)	23.00
Cadmium (Enclosed Water)	4.20
Chromium (Coastal Water)	36.00
Chromium (Enclosed Water)	
Copper (Coastal Water)	
Copper (Enclosed Water)	
Lead (Coastal Water)	117.00
Lead (Enclosed Water)	
Mercury (Coastal Water)	11.00
Mercury (Enclosed Water)	2.20
Nitrogen (total) (Coastal Water)	
Nitrogen (total) (Enclosed Water)	
Oil and Grease (Coastal Water)	
Oil and Grease (Enclosed Water)	
Pesticides and PCBs (Coastal Water)	2.30
Pesticides and PCBs (Enclosed Water)	0.40
Phosphorus (total) (Coastal Water)	
Phosphorus (total) (Enclosed Water)	
Selenium (Coastal Water)	11.00
Selenium (Enclosed Water)	2.20
Total suspended solids (Coastal Water)	
Total suspended solids (Enclosed Water)	
Zinc (Coastal Water)	815.00
Zinc (Enclosed Water)	148.00

Note: An assessable pollutant is a pollutant which affects the licence fee payable for the licence.

L3 Concentration limits

- L3.1 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.
- L3.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.



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L3.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\

L3.4 Water and/or Land Concentration Limits

POINT 1

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	milligrams per litre	5	10	15	-
Total suspended solids	milligrams per litre	35	50	60	-

POINT 18

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	milligrams per litre				10
pH	pH				6.5-8.5
Total suspended solids	milligrams per litre				50

L4 Volume and mass limits

L4.1 For each discharge point or utilisation area specified below (by a point number), the volume/mass of:
a) liquids discharged to water; or;
b) solids or liquids applied to the area;
must not exceed the volume/mass limit specified for that discharge point or area.

Point	Unit of Measure	Volume/Mass Limit
1	kilolitres per day	475000

L5 Waste



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- L5.1 The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence.
- L5.2 This condition only applies to the storage, treatment, processing, reprocessing or disposal of waste at the premises if those activities require an environment protection licence.
- L5.3 The licensee may receive and/or transfer sewage and liquid waste generated outside the premises for treatment, processing or reprocessing at the premises. The licensee must take reasonable steps to ensure that sewage and liquid waste received at the premises has been lawfully discharged in accordance with a trade waste agreement or customer contract (as applicable) in force between the licensee and the generator of the waste. The licensee must treat, process or reprocess the sewage and liquid waste in accordance with this licence prior to discharge from the premises.
- L5.4 The licensee may receive, store, treat, process or reprocess and/or transfer at the premises sewage products generated or stored outside the premises by the licensee's other sewage treatment systems. Sewage products must be received, treated, processed or reprocessed in accordance with this licence.
- L5.5 Grit or screenings generated by activities on the premises may be disposed of by the licensee within the boundary of the sewage treatment plant(s) on the premises, but only if they are disposed of in a manner that prevents or minimises material harm to the environment.

L6 Potentially offensive odour

- L6.1 No condition in this licence identifies a potentially offensive odour for the purposes of section 129 of the Protection of the Environment Operations Act 1997.

Note: Section 129 of the Protection of the Environment Operations Act 1997 provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.

L7 Other limit conditions

- L7.1 After 7 October 2011 the licensee must not permit discharges in dry weather from any sewage pumping stations or directed overflow structures within the premises.

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.

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- O1.2 Biosolids at the premises must be stored, treated, processed, classified, transported and disposed in accordance with the Biosolids Guidelines, or as otherwise approved in writing by the EPA.
- O1.3 The requirements of condition O1.1 apply to the whole of the premises, including the reticulation system.

O2 Maintenance of plant and equipment

- O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:
- must be maintained in a proper and efficient condition; and
 - must be operated in a proper and efficient manner.

Note: The requirements of O2.1 apply to the whole of the premises, including the reticulation system.

O3 Emergency response

- O3.1 In the event of an overflow or bypass that harms or is likely to harm the environment, the licensee must use all practicable measures to minimise the impact of the overflow or bypass on the environment and public health. These measures are to be implemented as soon as practical after the licensee or one of the licensee's employees or agents becomes aware of the overflow or bypass.

O4 Processes and management

- O4.1 Additional directed overflow structures must not be constructed within the sewage treatment system unless the directed overflow structure is essential for the proper and efficient operation of the system.

Before constructing an additional directed overflow structure, the licensee must prepare a written report assessing the following issues for the purposes of this condition:

- risk of harm to public health, environment or property if the proposed directed overflow structure is not constructed;
- risk of harm to public health and the receiving environment if an overflow from the directed overflow structure occurred;
- systems to be used to monitor overflows, power failures or mechanical failures of pumping or electrical equipment relating to or affecting the proposed directed overflow structure; and
- ability of the licensee to respond to overflows from the proposed directed overflow structure and to minimise the impact on the environment and public health.

- O4.2 The report must be:
- kept for at least 4 years after the report is made or the directed overflow structure is constructed, whichever is later; and
 - produced in a legible form to any authorised officer of the EPA who asks to see it.
- O4.3 Sewage or effluent discharged must not be discharged from Point(s) 1, 7, 8 and 15 unless it has been treated in accordance with this condition.
- O4.4 The portion of sewage inflows to the Belmont sewage treatment plant less than 790L/s must receive

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screening, de-gritting, biological treatment and clarification prior to discharge to point(s) 1.

- O4.5 The portion of sewage inflows to the Belmont sewage treatment plant that is 790L/s or more must receive screening prior to discharge to point(s) 1.
 - O4.6 The portion of sewage inflows to the Edgeworth sewage treatment plant less than 582L/s must receive screening, de-gritting, biological treatment and clarification prior to discharge to point(s) 7.
 - O4.7 The portion of sewage inflows to the Edgeworth sewage treatment plant 582L/s or more must receive screening prior to discharge to point(s) 7.
 - O4.8 The portion of sewage inflows to the Toronto sewage treatment plant less than 810L/s must receive screening, de-gritting, biological treatment and clarification prior to discharge to point(s) 8.
 - O4.9 The portion of sewage inflows to the Toronto sewage treatment plant that is 810L/s or more must receive screening prior to discharge to point(s) 8.
 - O4.10 The portion of sewage inflows to the Dora Creek sewage treatment plant less than 367L/s must receive screening, biological treatment and clarification prior to discharge to point(s) 15.
 - O4.11 The portion of sewage inflows to the Dora Creek sewage treatment plant that is greater than 367L/s and less than 734L/s must receive screening and clarification prior to discharge to point(s) 15.
 - O4.12 The portion of sewage inflows to the Dora Creek sewage treatment plant that is 734L/s or more must receive screening prior to discharge to point(s) 15.
 - O4.13 The licensee must ensure that any extension to the reticulation system is planned, designed, constructed and installed to prevent as far as practicable discharges of sewage or partially treated sewage from the premises.
- Note: "The premises" includes both the new and the previously existing parts of the reticulation system.
- O4.14 Between 20 June 2023 and 30 September 2024, known as "the Upgrade Interim Arrangement", condition O4.8 and O4.9 do not apply and the portion of sewage inflows to the Toronto sewage treatment plant less than 300L/s will receive screening, de-gritting, biological treatment and clarification prior to discharge to point 8, and the portion of sewage inflows to the Toronto sewage treatment plant that is 300L/s or more will receive screening prior to discharge to point 8.

O5 Other operating conditions

O5.1 Prohibition on acceptance of pesticides

The licensee must not consent to any discharge of organophosphate pesticides (including chlorpyrifos, diazinon, malathion) or organochlorine pesticides (including dieldrin, heptachlor and chlordane) into the sewage treatment system.



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O5.2 Discharges in dry weather from any sewage pumping station(s) installed within the sewage treatment system after 3 November 2003 are not permitted.

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:
- a) in a legible form, or in a form that can readily be reduced to a legible form;
 - b) kept for at least 4 years after the monitoring or event to which they relate took place; and
 - c) 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:
- a) the date(s) on which the sample was taken;
 - b) the time(s) at which the sample was collected;
 - c) the point at which the sample was taken; and
 - d) 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

Pollutant	Units of measure	Frequency	Sampling Method
Aldrin	micrograms per litre	2 Times a year	Grab sample
Arsenic	micrograms per litre	2 Times a year	Grab sample
beta-BHC	micrograms per litre	2 Times a year	Grab sample
Biochemical oxygen demand	milligrams per litre	Every 12 days exactly	Composite sample
Cadmium	micrograms per litre	2 Times a year	Grab sample
Chlordane, total	micrograms per litre	2 Times a year	Grab sample
Chromium	micrograms per litre	2 Times a year	Grab sample
Copper	micrograms per litre	2 Times a year	Grab sample
Dieldrin	micrograms per litre	2 Times a year	Grab sample
Endosulfan	micrograms per litre	2 Times a year	Grab sample



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Endrin	micrograms per litre	2 Times a year	Grab sample
gamma-BHC (Lindane)	micrograms per litre	2 Times a year	Grab sample
Heptachlor	micrograms per litre	2 Times a year	Grab sample
Hexachlorobenzene	micrograms per litre	2 Times a year	Grab sample
Lead	micrograms per litre	2 Times a year	Grab sample
Mercury	micrograms per litre	2 Times a year	Grab sample
Methoxychlor	micrograms per litre	2 Times a year	Grab sample
Nickel	micrograms per litre	2 Times a year	Grab sample
Oil and Grease	milligrams per litre	Every 12 days exactly	Composite sample
p,p-DDD	micrograms per litre	2 Times a year	Grab sample
p,p-DDE	micrograms per litre	2 Times a year	Grab sample
p,p-DDT	micrograms per litre	2 Times a year	Grab sample
PCBs	micrograms per litre	2 Times a year	Grab sample
Selenium	micrograms per litre	2 Times a year	Grab sample
Silver	micrograms per litre	2 Times a year	Grab sample
Total suspended solids	milligrams per litre	Every 12 days exactly	Composite sample
Zinc	micrograms per litre	2 Times a year	Grab sample

POINT 7

Pollutant	Units of measure	Frequency	Sampling Method
Biochemical oxygen demand	milligrams per litre	Daily during any discharge	Grab sample
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample

POINT 8

Pollutant	Units of measure	Frequency	Sampling Method
BOD	milligrams per litre	Daily during any discharge	Grab sample
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample

POINT 12

Pollutant	Units of measure	Frequency	Sampling Method
Enterococci	colony forming units per 100 millilitres	Every 6 days	Grab sample

POINT 13

Pollutant	Units of measure	Frequency	Sampling Method
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Enterococci	colony forming units per 100 millilitres	Every 6 days	Grab sample
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POINT 15

Pollutant	Units of measure	Frequency	Sampling Method
Biochemical oxygen demand	milligrams per litre	Daily during any discharge	Grab sample
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample

POINT 18

Pollutant	Units of measure	Frequency	Sampling Method
Oil and Grease	milligrams per litre	Daily during any discharge	Grab sample
pH	pH	Daily during any discharge	Grab sample
Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample

Note: 2 times a year means two times a year with at least five months between samples;

Daily during any discharge means a sample must be taken within the first 24 hours of the discharge occurring, and each day thereafter, with a minimum of 12 hours between subsequent samples, if the discharge continues;

Weekly means weekly at a minimum of five day intervals;

Fortnightly means fortnightly at a minimum of 10 day intervals;

Monthly means at a minimum of 20 day intervals.

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 Testing methods - load limits

Note: Division 4 of the *Protection of the Environment Operations (General) Regulation 2022* requires that monitoring of actual loads of assessable pollutants listed in L2.2 must be carried out in accordance with the relevant load calculation protocol set out for the fee-based activity classification listed in the Administrative Conditions of this licence.

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M5 Recording of pollution complaints

- M5.1 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.
- M5.2 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.
- M5.3 The record of a complaint must be kept for at least 4 years after the complaint was made.
- M5.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M6 Telephone complaints line

- M6.1 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.
- M6.2 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.
- M6.3 The preceding two conditions do not apply until 3 months after the date of the issue of this licence.
- M6.4 For the purpose of this condition, operating hours are defined as twenty four hours a day, seven days a week.
- M6.5 The public notification referred to in condition M6.2 must include specific reference to the fact that the complaints line may be used by the community for the reporting of overflows.

M7 Requirement to monitor volume or mass

- M7.1 For each discharge point or utilisation area specified below, the licensee must monitor:
- a) the volume of liquids discharged to water or applied to the area;
 - b) the mass of solids applied to the area;
 - c) the mass of pollutants emitted to the air;
- at the frequency and using the method and units of measure, specified below.

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POINT 1

Frequency	Unit of Measure	Sampling Method
Daily	kilolitres per day	Special Method 1

POINT 2

Frequency	Unit of Measure	Sampling Method
Continuous	kilolitres per day	Level sensor and continuous logger

POINT 3

Frequency	Unit of Measure	Sampling Method
Continuous	kilolitres per day	Level sensor and continuous logger

POINT 4

Frequency	Unit of Measure	Sampling Method
Continuous	kilolitres per day	In line instrumentation

POINT 5

Frequency	Unit of Measure	Sampling Method
Continuous	kilolitres per day	In line instrumentation

POINT 14

Frequency	Unit of Measure	Sampling Method
Continuous	kilolitres per day	By Calculation (volume flow rate or pump capacity multiplied by operating time)

POINT 16

Frequency	Unit of Measure	Sampling Method
Continuous	kilolitres per day	Flow meter and continuous logger

POINT 18

Frequency	Unit of Measure	Sampling Method
Continuous during discharge	kilolitres per day	Flow meter and continuous logger

Note: Special method 1 means measuring volume by calculating the sum of the flows through Points 2, 3, 5 and 18 or an approved alternative method identified in condition M7.4 for points 2, 3, 5 and 18.

M7.2 Equipment used to monitor the volume must provide data that is within 5 percent of the actual volume over the likely full range of flow required to be measured by the equipment.

M7.3 In the event that the licensee cannot comply with a volume monitoring method as required by this licence solely due to the failure or malfunction of essential monitoring equipment, volume may be calculated using another agreed method approved in writing by the EPA. This provision only applies for the duration of the failure or malfunction and the licensee is to rectify the failure or malfunction as soon as practical.

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M7.4 For the purposes of condition M7.3 the alternative method approved by the EPA is as follows:

Point	Location	Frequency	Method
1	Contributing pump stations: Belmont South No.1 Belmont No.3 Belmont No.4 Belmont No.6 Blacksmiths No.3 Swansea No.3A Bennetts Green No.2	In the event of a failure of the treated low meter (F1) and the bypass flow meter (F2) and the Toronto flow meter (F4) are working.	Pump hours run.
1	Treated volume flow meter (F1) and Toronto flow meter (F4)	In the event of a failure of the bypass flow meter (F2), and the treated flow meter (F1) and the Toronto flow meter (F4) are working.	Total volume entering the plan minus treated volume flow.
1	Total volume flow meter and treated volume flow meter	In the event of a failure of the Toronto flow meter (F4), and the treated flow meter (F1) and the bypass volume flow meter (F2) are working	Addition of the Toronto flow meter (F3) or pump hours run and treated volume flow and bypass flow.
2	Contributing pump stations: Belmont South No.1 Belmont No.3 Belmont No.4 Belmont No. 6 Blacksmiths No.3 Swansea No. 3A Bennetts Green No.2	In the event of a failure of the flow meter for Point 2 and the flow meter for Point 3 is working.	Pump hours run minus Point 3 flow
3	Contributing pump stations: Belmont South No.1 Belmont No.3 Belmont No.4 Belmont No. 6 Blacksmiths No.3 Swansea No. 3A Bennetts Green No.2	In the event of a failure of the flow meter for Point 3 and the flow meter for Point 2 is working.	Pump hours run minus Point 2 flow
4	Volume monitoring station located at Cardiff Point	In the event of a failure of the flow meter for Point 4 and the flow meter for Point 5 is working.	Flow data recorded for Point 5
5	Volume monitoring station located at Laycock Street Cary Bay	In the event of a failure of the flow meter for Point 5 and the flow meter for Point 4 is working.	Flow data recorded for Point 4
4 and 5	Effluent pumps at Toronto WWTW	In the event of failure of both the flow meters for the under lake crossing (Point 4 and Point 5).	Pump hours run.
16	Eraring Power Station flow meter and Rathmines 6 WWPS flow meter	In the event of a failure of the total volume flow meter	Addition of flow data from the two flow meters
18	Groundwater pumping test well flow meter	In the event of a failure of the total volume flow meter	Pump hours run.

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M8 Requirement to record bypass incidents from sewage treatment plants

- M8.1 The licensee must record the following details in respect of each bypass of any of the appropriate treatment processes required by condition O4 which may adversely affect the quality of the final effluent:
- a) the EPA point identification number through which the bypass discharged;
 - b) the estimated start time, date and duration of the bypass;
 - c) the estimated volume of the bypass;
 - d) the level of treatment at the sewage treatment plant prior to discharge; and
 - e) the most likely cause of the bypass.

M8.2 Sewage treatment plant overflows

The licensee must record the following details in relation to each overflow from the sewage treatment plant:

- a) the EPA point identification number through which the overflow discharged;
- b) the date, estimated start time and estimated duration of the overflow;
- c) the estimated volume of the overflow;
- d) the level of treatment at the sewage treatment plant prior to discharge; and
- e) the most likely cause of the overflow.

M8.3 Overflows from the reticulation system

From 3 November 2003 the licensee must record the following details in relation to each observed or reported overflow from the reticulation system:

- a) the location of the overflow;
- b) the date, estimated start time, and estimated duration of the overflow;
- c) the estimated volume of the overflow;
- d) the most likely cause of the overflow; and
- e) actions taken to prevent the overflow happening again.

M9 Other monitoring and recording conditions

- M9.1 The licensee must monitor biosolids that are produced at the premises in accordance with the Biosolids Guideline. However, the licensee is not required to comply with the monitoring conditions in the Biosolids Guideline that relate to the reuse or disposal of biosolids at the locations other than the premises.

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:
- 1. a Statement of Compliance,
 - 2. a Monitoring and Complaints Summary,
 - 3. a Statement of Compliance - Licence Conditions,
 - 4. a Statement of Compliance - Load based Fee,

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- 5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
- 6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
- 7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.

- R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.
- 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.
- 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 via eConnect *EPA* or 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 Where the licensee is unable to complete a part of the Annual Return by the due date because the licensee was unable to calculate the actual load of a pollutant due to circumstances beyond the licensee's control, the licensee must notify the EPA in writing as soon as practicable, and in any event not later than the due date. The notification must specify:
- a) the assessable pollutants for which the actual load could not be calculated; and
 - b) the relevant circumstances that were beyond the control of the licensee.
- R1.7 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.
- R1.8 Within the Annual Return, the Statements 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.

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.

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

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R2 Notification of environmental harm

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

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

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.

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.

R4 Other notifications

R4.1 Where either:

- a) sewage or partially treated sewage is discharged from the premises as a result of a bypass of the sewage treatment plant, or
- b) an observed or reported overflow has occurred from the reticulation system,

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and the overflow or bypass may result in a significant risk to public health, the licensee is to promptly give appropriate notification to any parties that are likely to be affected, such as:

- i) the EPA's Pollution Line service on 131 555,
- ii) the NSW Department of Public Health; and
- iii) local council(s) where relevant.

- R4.2 Within 3 months the licensee must develop and implement an incident notification protocol. The incident notification protocol must include procedures for notification of, but not limited to, the following groups or organisations:
- a) notification of the EPA's Pollution Line service on 131 555 where an overflow has occurred from either the treatment plant or the reticulation system that has discharged to a waterway or could reasonably be expected to discharge to a waterway;
 - b) notification of the NSW Department of Public Health for incidents of public health significance; and
 - c) notification of local council(s) where relevant.

For the purposes of this condition, "overflow" does not include leakage.

- R4.3 Notifications required by condition R4 must include the following information:
- a) the nature of the incident that led to the bypass or overflow;
 - b) any testing or inspections of the discharge or receiving waters that have been carried out;
 - c) any testing or inspections currently occurring and when results are anticipated; and
 - d) any other available information regarding harm or potential harm to the environment.

- R4.4 The notification is to be given as soon as practicable after the licensee or one of the licensee's employees or agents becomes aware of the incident.

The notification could detail incidents in more than one location or sewage treatment system operated by the licensee.

Note: These reporting requirements do not affect any obligations of the licensee to report under Part 5.7 of the Act incidents which cause or threaten harm to the environment.

- R4.5 The Licensee must notify the SafeFood NSW of incidents of significance to shellfish production. This notification is to be given as soon as practicable after the licensee or one of the licensee's employees or agents becomes aware that the incident may be of significance to shellfish production.

R5 Annual system performance report

- R5.1 The licensee must supply to the EPA an Annual System Performance Report not later than 60 days after the end of each reporting period.
- R5.2 The Report is to supplement the Annual Return and must include but need not be limited to:
- a) the 50 percentile, 90 percentile, 100 percentile and 3DGM values calculated from the monitoring data for each pollutant which has corresponding concentration limits specified in this licence;
 - b) a diagram showing the major process elements, discharge points and monitoring points at the premises' sewage treatment plant(s), where there has been any significant change since the previous reporting period or this information has not been provided previously to the EPA;
 - c) the number of dry and wet weather bypasses recorded over the reporting period (recorded in accordance with condition M7);

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- d) a summary of observed, reported or recorded sewage treatment plant bypasses and overflows. These data are to be for the current reporting period and for the previous twelve-month periods, up to a maximum of four, for which data has been required to be collected. Any significant actions taken to address bypasses or overflows are to be noted;
- e) the amount of rainfall measured at a rain gauge at the STP, or at the rain gauge closest to the centre of the catchment of the sewage treatment system, for each month of the reporting period;
- f) a progress report on the implementation over the reporting period of actions specified in the PRP's; and
- g) any additional structures constructed in accordance with condition O4.1.

R5.3 The Annual System Performance Report must be presented in a format approved in writing by the EPA.

R6 Other reporting conditions

R6.1 The licensee is to forward the results of monitoring required in conditions M2.2 at Point 12 and Point 13 to the EPA Beachwatch Unit as soon as they become available.

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.

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

G2 Contact number for incidents and responsible employees

G2.1 The licensee must operate 24-hour telephone contact lines for the purpose of enabling the EPA to directly contact one or more representatives of the licensee who can:

- a) respond at all times to incidents relating to the premises; and
- b) contact the licensee's senior employees or agents authorised at all times to:
 - i) speak on behalf of the licensee; and
 - ii) provide any information or document required under this licence.

G2.2 The licensee is to inform the EPA in writing of the representative or representatives and their telephone number(s) by 1 August 2003. The EPA must be notified of the telephone number(s) on commencement of its/their operation.

G2.3 The licensee is to inform the EPA in writing of the appointment of any subsequent contact persons, or changes to the person's contact details as soon as practicable and in any event within fourteen days of the appointment or change.

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G3 Signage

- G3.1 The location of EPA point numbers 2, 3, 4, 5, 7, 8, and 14 must be clearly marked by a sign that indicates the point identification number used in the licence and located as close as practical to the point.

8 Pollution Studies and Reduction Programs

U1 Belmont Wastewater Treatment Plant - Ocean Outfall Monitoring Program

- U1.1 The licensee must carry out an ecological investigation of benthic sediments in and around the vicinity of the ocean outfall diffusers serving Belmont wastewater treatment plant.

Samples must consist of a minimum of four random core samples of sediment and are to be taken from the following locations:

- 1) immediately below the diffuser ports;
- 2) at the limit of the nearfield effects area at different locations at the circumference;
- 3) at two control sites remote from the outfall but at a similar depth, seabed characteristics and distance offshore as the diffuser.

The samples must be examined for numbers and species of benthic organisms and sediment profile analysis. The analysis must include analysis of metals and bacteria.

The sediment sampling program for metals and bacteria testing is to be run 5 yearly. The next infauna sampling event is to be completed in 2022, followed by a 2025 event coinciding with the sediment contaminant survey. Following this, the monitoring frequency of infauna sampling can be reviewed with the data set collected from the past decade.

Reports are to be submitted to the Unit Head - Regulatory Operations Metropolitan North (RegOps.MetroRegulation@epa.nsw.gov.au) at the same time as the Annual Return for the licence. The report is to include statistical interpretation of variation, include data from the previous year(s) and an analysis of temporal trends.

The next report of benthic organisms sampling program is to be submitted with the 2022/2023 Annual Return.

The next report of the sediment sampling program is to be submitted with the 2021 Annual Return.

U2 Guiding environmental principles

- U2.1 Guiding environmental principles

The following guiding principle will apply to the pollution reduction programs in this licence. The document titled "Upgrade Management Plan for the Wastewater Systems of the Lake Macquarie Catchment Volume 3 - Upgrade Strategies" dated August 2001 forms the basis of the reticulation system upgrade strategies. This

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document acknowledges that leakage reduction works form an important component of the wet weather upgrade strategy and as such will be used as a tool to target source control of wet weather flows.

9 Special Conditions

E1 Temporary Desalination Plant Groundwater Pumping Test

- E1.1 Between 3/05/2019 and 31/05/2019 the licensee is permitted to discharge groundwater extracted from a test well located on the premises through discharge point 18 for a total duration of no more than 3 days for the purposes of undertaking a groundwater pumping test in association with the licensee's Temporary Desalination Plant Project.
- E1.2 The groundwater inflows from the groundwater pumping test to point 18 at Belmont sewage treatment plant are not required to be treated in accordance with operating conditions O4.3, O4.4 and O4.5 prior to discharge to point 1.



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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
Wellhead	Has the same meaning as in Schedule 1 to the Protection of the Environment Operations (General) Regulation 2021.

Mr Grahame Clarke

Environment Protection Authority

(By Delegation)

Date of this edition: 01-October-1999

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End Notes

- 1 Licence varied by notice V/M upgrade, issued on 06-Jul-2000, which came into effect on 06-Jul-2000.
- 2 Licence varied by notice 1002110, issued on 23-Oct-2000, which came into effect on 17-Nov-2000.
- 3 Licence varied by notice 1003285, issued on 20-Dec-2000, which came into effect on 14-Jan-2001.
- 4 Licence varied by notice 1004220, issued on 26-Jun-2002, which came into effect on 21-Jul-2002.
- 5 Licence varied by notice 1020029, issued on 02-Jul-2003, which came into effect on 27-Jul-2003.
- 6 Licence varied by notice 1038865, issued on 27-Jan-2005, which came into effect on 21-Feb-2005.
- 7 Licence varied by notice 1044970, issued on 17-Mar-2005, which came into effect on 11-Apr-2005.
- 8 Licence varied by notice 1047590, issued on 06-Sep-2005, which came into effect on 01-Oct-2005.
- 9 Licence varied by notice 1059010, issued on 08-Jun-2006, which came into effect on 08-Jun-2006.
- 10 Licence varied by notice 1061815, issued on 25-Jul-2006, which came into effect on 25-Jul-2006.
- 11 Licence varied by notice 1067396, issued on 02-Jan-2007, which came into effect on 02-Jan-2007.
- 12 Licence varied by notice 1074342, issued on 07-Aug-2007, which came into effect on 07-Aug-2007.
- 13 Licence varied by notice 1078792, issued on 04-Oct-2007, which came into effect on 04-Oct-2007.
- 14 Licence varied by admin corrections to annual return, issued on 02-Jul-2009, which came into effect on 02-Jul-2009.
- 15 Licence varied by notice 1118945, issued on 24-Nov-2010, which came into effect on 24-Nov-2010.
- 16 Licence varied by notice 1501741 issued on 12-Apr-2012
- 17 Licence varied by notice 1506183 issued on 28-May-2012
- 18 Licence varied by notice 1515750 issued on 22-Jul-2013
- 19 Licence varied by notice 1528097 issued on 29-Jan-2015
- 20 Licence varied by notice 1528962 issued on 02-Apr-2015



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21	Licence varied by notice	1537081 issued on 25-Feb-2016
22	Licence varied by notice	1538798 issued on 11-May-2016
23	Licence varied by notice	1545777 issued on 08-Mar-2017
24	Licence varied by notice	1553917 issued on 20-Jul-2017
25	Licence varied by notice	1578188 issued on 06-May-2019
26	Licence varied by notice	1606642 issued on 12-Apr-2021
27	Licence varied by notice	1629862 issued on 21-Jul-2023