

Environment Protection Licence

Licence - 1548

Licence Details	
Number:	1548
Anniversary Date:	31-December

Licensee
HYDRO ALUMINIUM KURRI KURRI PTY LTD
PO BOX 1
KURRI KURRI NSW 2327

Premises
HYDRO ALUMINIUM REMEDIATION PROJECT
HART ROAD
LOXFORD NSW 2327

Scheduled Activity
Chemical storage
Contaminated soil treatment
Waste storage

Fee Based Activity	Scale
Chemical storage waste generation	> 100 T annual volume of waste generated or stored
Contaminated soil treatment	Any annual handling capacity
Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	Any listed waste type stored

Contact Us
NSW EPA
4 Parramatta Square
12 Darcy Street
PARRAMATTA NSW 2150
Phone: 131 555
Email: info@epa.nsw.gov.au
Locked Bag 5022
PARRAMATTA NSW 2124



Environment Protection Licence

Licence - 1548

INFORMATION ABOUT THIS LICENCE	4
Dictionary	4
Responsibilities of licensee	4
Variation of licence conditions	4
Duration of licence	4
Licence review	4
Fees and annual return to be sent to the EPA	4
Transfer of licence	5
Public register and access to monitoring data	5
1 ADMINISTRATIVE CONDITIONS	6
A1 What the licence authorises and regulates	6
A2 Premises or plant to which this licence applies	6
A3 Information supplied to the EPA	6
2 DISCHARGES TO AIR AND WATER AND APPLICATIONS TO LAND	7
P1 Location of monitoring/discharge points and areas	7
3 LIMIT CONDITIONS	8
L1 Pollution of waters	8
L2 Waste	8
4 OPERATING CONDITIONS	8
O1 Activities must be carried out in a competent manner	8
O2 Maintenance of plant and equipment	9
O3 Dust	9
O4 Effluent application to land	9
O5 Processes and management	9
O6 Waste management	9
5 MONITORING AND RECORDING CONDITIONS	10
M1 Monitoring records	10
M2 Requirement to monitor concentration of pollutants discharged	10
M3 Testing methods - concentration limits	11
M4 Recording of pollution complaints	11
M5 Telephone complaints line	11
6 REPORTING CONDITIONS	12
R1 Annual return documents	12
R2 Notification of environmental harm	13
R3 Written report	13



Environment Protection Licence

Licence - 1548

R4	Other reporting conditions	14
7	GENERAL CONDITIONS	14
G1	Copy of licence kept at the premises or plant	14
G2	Contact number for incidents and responsible employees	14
8	SPECIAL CONDITIONS	15
E1	Groundwater interception and monitoring - Capped Waste Stockpile	15
E2	Removal of Spent Pot Lining (Works & Programs)	15
E3	Sediment Dam Monitoring	15
DICTIONARY		17
	General Dictionary	17

Environment Protection Licence

Licence - 1548

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).



Environment Protection Licence

Licence - 1548

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:

HYDRO ALUMINIUM KURRI KURRI PTY LTD
PO BOX 1
KURRI KURRI NSW 2327

subject to the conditions which follow.

Environment Protection Licence

Licence - 1548

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
Chemical storage	Chemical storage waste generation	> 100 T annual volume of waste generated or stored
Contaminated soil treatment	Contaminated soil treatment	Any annual handling capacity
Waste storage	Waste storage - hazardous, restricted solid, liquid, clinical and related waste and asbestos waste	Any listed waste type stored

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
HYDRO ALUMINIUM REMEDIATION PROJECT
HART ROAD
LOXFORD
NSW 2327
PREMISES MARKED AND SHOWN AS "SCHEDULED PREMISE AREA" IN THE PLAN TITLED "FIGURE 1 - REVISED EPL SCHEDULED PREMISES" (REF F002_EPLVARIATION_V03) DATED 10/06/2022, AND THE SPATIAL FILES TITLED "RAMBOLLTOHYDRO_EPLSCHEDULEDPREMISES_20220616.ZIP", SUBMITTED TO THE EPA ON 16/06/2022 (EPA REF. DOC22/479335).

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

Environment Protection Licence

Licence - 1548

b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

A3.2 Any other document and/or management plan is not to be taken as part of the documentation in condition A3.1, other than those documents and/or management plans specifically referenced in 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
11		Discharge to utilisation area	Irrigation area
12	Discharge quality monitoring		Discharge from sediment basin marked and shown as 'Sediment basin 1' on the plan titled "General arrangement of Containment Cell area", dated 23/04/2021, prepared by Ramboll Australia Pty Ltd (filed as EPA Document DOC21/321251)
13	Discharge quality monitoring		Discharge from sediment basin marked and shown as 'Sediment basin 2' on the plan titled "General arrangement of Containment Cell area", dated 23/04/2021, prepared by Ramboll Australia Pty Ltd (filed as EPA document DOC21/321251)
14	Discharge quality monitoring		Discharge from sediment basin marked and shown as 'Sediment basin 3' on the plan titled "General arrangement of Containment Cell area", dated 23/04/2021, prepared by Ramboll Australia Pty Ltd (filed as EPA document DOC21/321251)

Environment Protection Licence

Licence - 1548

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 Waste

- L2.1 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
D300	Non toxic salts	Aluminium dross from Tomago Aluminium	Waste storage	*Refer to Condition L2.3

Authorised Amount

- L2.2 Notwithstanding any limit specified in the above table, the licensee shall not exceed the authorised amount specified in this licence. Where the authorised amount is less than the total of all wastes listed above, the authorised amount will take precedent.
- L2.3 The authorised amount of aluminium dross (D300; Non toxic salts) permitted on the premises must not exceed 8,000 tonnes at any one time.
- L2.4 The licensee must ensure that aluminium dross kept at the premises is stored inside the existing spent potlining sheds.

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:

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

Environment Protection Licence

Licence - 1548

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.

O3 Dust

- O3.1 The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.
- O3.2 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.
- O3.3 Trucks entering and leaving the premises that are carrying loads must be covered at all times, except during loading and unloading.

Note: Condition O3.3 does not apply solely to transportation of waste tyres or scrap metal in accordance with Clause 70(2) of the Protection of the Environment Operations (Waste) Regulation 2014.

O4 Effluent application to land

- O4.1 Effluent application must not occur in a manner that causes surface runoff.
- O4.2 Spray from effluent application must not drift beyond the boundary of the premises.
- O4.3 Livestock access to any effluent application area must be denied during effluent application and until the applied effluent area has dried.
- O4.4 The quantity of effluent/solids applied to the utilisation area must not exceed the capacity of the area to effectively utilise the effluent/solids.

For the purpose of this condition, 'effectively utilise' include the use of the effluent/solids for pasture or crop production, as well as the ability of the soil to absorb the nutrient, salt, hydraulic load and organic material.

O5 Processes and management

- O5.1 The licensee must ensure that any liquid and/or non-liquid waste generated and/or stored and/or processed at the premises is assessed and classified in accordance with the EPA's Waste Classification Guidelines as in force from time to time.

O6 Waste management



Environment Protection Licence

Licence - 1548

- O6.1 The area(s) used for the storage of hazardous or restricted solid waste at the premises must be provided with physical security to prevent unauthorised access to those wastes.
- O6.2 The licensee must ensure that hazardous or restricted solid waste is stored or contained in a secure manner so as to prevent any hazard and the escape of waste and/or leachate.
- O6.3 The licensee must ensure incompatible wastes are not mixed and transported together on any vehicle used by any person to transport the waste.
- O6.4 The licensee must ensure that a suitable enclosed area is provided at the loading point of any hazardous or restricted solid waste which will effectively contain any spillage of such waste. Notwithstanding this precautionary measure, the licensee must co-operate with any waste transporter to ensure that loading operations are carried out in such a way as to prevent the spillage of the waste.
- O6.5 The licensee must ensure that arrangements are made with any waste transporter to ensure that the recyclable materials are collected and removed to a lawful facility where the waste will be recycled or re-used.
- O6.6 Before disposing of any used anode butt wastes, the licensee must prepare, to the satisfaction of the EPA, a written protocol describing the procedures that will be followed for the treatment, storing, transporting, assessing, record keeping and reporting on the management of used anode butt wastes.

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

Environment Protection Licence

Licence - 1548

POINT 12,13,14

Pollutant	Units of measure	Frequency	Sampling Method
Aluminium	milligrams per litre	Special Frequency 1	Grab sample
Cadmium	milligrams per litre	Special Frequency 1	Grab sample
Cyanide	milligrams per litre	Special Frequency 1	Grab sample
Fluoride	milligrams per litre	Special Frequency 1	Grab sample
pH	milligrams per litre	Special Frequency 1	Grab sample

M2.3 For the purposes of the Licence, Special Frequency 1 means the collection of samples within the first 24 hours of any discharge event after the transfer of aluminium smelter waste into the Engineered Containment Cell has commenced.

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:

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

Environment Protection Licence

Licence - 1548

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.

M5.3 The preceding two conditions do not apply until 3 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:

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,
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.

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 via eConnect *EPA* or by registered

Environment Protection Licence

Licence - 1548

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 Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
- the licence holder; or
 - by a person approved in writing by the EPA to sign on behalf of the licence holder.
- R1.8 A Waste Management Report is to be provided with the Annual Return. The Waste Management Report must contain the following information:
- the quantity and the production and process sources of hazardous and/or restricted solid wastes kept on the premises during the licence year;
 - the quantity and the production and process sources of hazardous and/or restricted solid wastes generated at the premises during the licence year;
 - details of investigations into methods of recycling and treatment of hazardous and restricted solid wastes carried out by the Licensee or reported by others on behalf of the Licensee during the licence year;
 - the amount of hazardous and/or restricted solid waste disposed of during the licence year;
 - details of the disposal method and location of disposal for hazardous and/or restricted solid wastes;
 - the results of any monitoring carried out to detect the occurrence of environmental contamination potentially resulting from the disposal of any hazardous or restricted solid waste; and
 - any other details required by this licence

R2 Notification of environmental harm

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.

- R2.1 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.

R3 Written report

- R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:
- where this licence applies to premises, an event has occurred at the premises; or
 - 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

Environment Protection Licence

Licence - 1548

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 reporting conditions

Notification of Aluminium Dross handling

- R4.1 The licensee must notify the EPA each time any of the following activities occur:
- a) The commencement of the receipt of aluminium dross at the Premises;
 - b) The conclusion of the receipt of aluminium dross at the Premises;
 - c) The commencement of the transport of aluminium dross from the Premises; or
 - d) The conclusion of the transport of aluminium dross from the Premises.

Notification must be made to info@epa.nsw.gov.au no later than 24 hours after the activity occurs.

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

Environment Protection Licence

Licence - 1548

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.

8 Special Conditions

E1 Groundwater interception and monitoring - Capped Waste Stockpile

- E1.1 The licensee is to continue operating the groundwater interception trench and leachate management system for the Capped Waste Stockpile.
- E1.2 The licensee is to continue the groundwater monitoring program in accordance with the "Groundwater Water Monitoring Program, Capped Waste Stockpile" plan as provided to the EPA on 15 April 2014.
- E1.3 The licensee must submit a groundwater monitoring report to the EPA with each Annual Return. This report must included, but need not be limited to:
 - a) aquifer characterisation, including aquifer behaviour;
 - b) a trend analysis of monitored parameters in key wells; and
 - c) any recommendations arising from a review of the groundwater data.

E2 Removal of Spent Pot Lining (Works & Programs)

- E2.1 The licensee must remove or treat all spent pot lining (SPL) that is stored on the premises by 31 December 2022 (excluding any SPL within the capped waste stockpile) and ensure that:
 - a) any SPL that is removed from the premises must be moved to a premises that is lawfully able to receive it;
 - b) any SPL that is treated at the premises must be treated to a standard suitable for its intended lawful end use or disposal; and
 - c) if the licensee intends to treat SPL on the premises, all necessary approvals must be obtained to allow treatment to occur.
- E2.2 Nothing in condition E2.1 permits the licensee to act otherwise than in accordance with a licence issued under the Environmentally Hazardous Chemicals Act 1985.
- E2.3 The licensee must provide a written report to the EPA with each Annual Return that details:
 - a) the amount of SPL (excluding the capped waste stockpile) that remains stored at the premises;
 - b) the amount of SPL that has been removed from the premises; and
 - c) details of the premises where the removed SPL was taken to (name, address, relevant environment protection licence number) and for what purpose.

E3 Sediment Dam Monitoring

- E3.1 Once the transfer of aluminium smelter waste into the Engineered Containment Cell has commenced and after three subsequent discharge events at sediment basins 1, 2 and 3 (corresponding to EPA ID 12, 13 and 14), the Licensee must submit a report to the EPA that provides the monitoring results required under



Environment Protection Licence

Licence - 1548

Condition M2.2 along with any recommended actions. The report must be submitted via email to info@epa.nsw.gov.au .

Note: Following the review of this report, it is the EPA's intention to review the frequency and analytes required for the monitoring at EPA ID 12, 13 and 14.

Environment Protection Licence

Licence - 1548

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

Environment Protection Licence

Licence - 1548

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> .



Environment Protection Licence

Licence - 1548

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 Bernie Weir

Environment Protection Authority

(By Delegation)

Date of this edition: 31-January-2000

Environment Protection Licence

Licence - 1548

End Notes

- 1 Licence varied by notice V/M upgrade, issued on 08-Jul-2000, which came into effect on 08-Jul-2000.
- 2 Licence transferred through application 140008, approved on 18-Sep-2000, which came into effect on 16-Oct-2000.
- 3 Licence varied by notice Prem.Change, issued on 01-Dec-2000, which came into effect on 16-Oct-2000.
- 4 Licence varied by notice Prem.change, issued on 01-Dec-2000, which came into effect on 16-Oct-2000.
- 5 Licence varied by notice 1004851, issued on 07-Mar-2001, which came into effect on 01-Apr-2001.
- 6 Licence varied by notice 1015709, issued on 27-Mar-2002, which came into effect on 21-Apr-2002.
- 7 Licence varied by notice 1017479, issued on 26-Feb-2003, which came into effect on 23-Mar-2003.
- 8 Licence varied by notice 1036145, issued on 14-Apr-2004, which came into effect on 09-May-2004.
- 9 Licence varied by notice 1042130, issued on 09-Nov-2004, which came into effect on 12-Nov-2004.
- 10 Licence varied by notice 1061583, issued on 09-Aug-2006, which came into effect on 09-Aug-2006.
- 11 Licence varied by notice 1084666, issued on 28-Apr-2008, which came into effect on 28-Apr-2008.
- 12 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 13 Licence varied by notice 1097917, issued on 31-Mar-2009, which came into effect on 31-Mar-2009.
- 14 Licence varied by admin. corrections to archived record, issued on 01-Apr-2009, which came into effect on 01-Apr-2009.
- 15 Licence varied by notice 1102749, issued on 28-Jul-2009, which came into effect on 28-Jul-2009.
- 16 Licence varied by notice 1105168, issued on 21-Aug-2009, which came into effect on 21-Aug-2009.
- 17 Licence varied by notice 1118364, issued on 24-Sep-2010, which came into effect on 24-Sep-2010.
- 18 Licence varied by notice 1501281 issued on 17-Nov-2011
- 19 Licence varied by notice 1505741 issued on 11-Oct-2012



Environment Protection Licence

Licence - 1548

20	Licence varied by notice	1524069 issued on 18-Aug-2014
21	Licence varied by notice	1543354 issued on 30-Jul-2018
22	Licence varied by notice	1598512 issued on 13-Oct-2020
23	Licence varied by notice	1605651 issued on 19-May-2021
24	Licence varied by notice	1615539 issued on 31-Jan-2022
25	Licence varied by notice	1616780 issued on 22-Feb-2022
26	Licence varied by notice	1619444 issued on 23-Jun-2022