



Environment Protection Licence

Licence - 3916

Licence Details

Number:	3916
Anniversary Date:	07-September

Licensee

DIXON SAND PTY LTD

PO BOX 4019

PITT TOWN NSW 2756

Premises

DIXON SAND PTY LTD

4610 OLD NORTHERN ROAD

MARROOTA NSW 2756

Scheduled Activity

Crushing, grinding or separating

Extractive activities

Fee Based Activity

Scale

Crushing, grinding or separating

> 100000-500000 T annual processing capacity

Extractive activities

> 100000-500000 T annually extracted or processed

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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:

DIXON SAND PTY LTD
PO BOX 4019
PITT TOWN NSW 2756

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
Crushing, grinding or separating	Crushing, grinding or separating	> 100000 - 500000 T annual processing capacity
Extractive activities	Extractive activities	> 100000 - 500000 T annually extracted or processed

A1.2 Notwithstanding A1.1, the scale of the extractive activities authorised under this licence must not exceed 495,000 tonnes per annum, being the combined production of quarry products from the site, including extractive material sourced from the Haerses Road Sand Quarry as approved by the development consent granted under the *Environmental Planning and Assessment Act 1979* for the premises specified in A2.

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
DIXON SAND PTY LTD
4610 OLD NORTHERN ROAD
MARROOTA
NSW 2756
LOT 1 DP 547255, LOT 2 DP 547255, LOT 29 DP 752025, LOT 196 DP 752025

Note: access to the premises is via the Crown Land access road connecting the Old Northern Road and the Quarry.

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

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A2.3 The boundary of the premises is defined within the red line on the aerial map at Condition A2.2.

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 points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.

Air

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EPA identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description
2	Ambient air monitoring		Ambient air monitoring site located near the Maroota Public School as marked in "Figure 1.3 - Existing and Proposed Development" provided to the DEC (by Fax) on 30 November 2004
3	Meteorological station		Meteorological station near Maroota Public School as marked in "Figure 1.3 - Existing and Proposed Development" provided to the DEC (by fax) on 30 November 2004

P1.2 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.

P1.3 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	Discharge to waters. Effluent volume and quality monitoring.	Discharge to waters. Effluent volume and quality monitoring.	Main storage dam weir labelled as "2 Water" on map titled 'Figure 1 Location & Discharge Points - Dixon Sand Maroota' received by the EPA on 9/1/01 with Licence Application Form.

3 Limit Conditions

L1 Pollution of waters

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

L2 Concentration limits

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

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

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

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L2.4 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
pH	pH				4.5-6.5
Total suspended solids	milligrams per litre				50

L3 Waste

L3.1 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.

L4 Noise limits

L4.1 Noise from the premises must not exceed:

- An LAeq (15 minute) noise emission criterion of 44 dB(A) between 7.00am to 6.00pm Monday to Saturday; and,
- An LAeq (15 minute) noise emission criterion of 37 dB(A) between 6am and 7am Monday to Saturday; at any nearby residence not owned by the licensee.

L4.2 Noise from the premises must not exceed an LAeq (1 hour) noise emission criterion of 45 dB(A) at the most affected classroom of Maroota Public School.

L4.3 The noise limits identified in conditions L4.1 & L4.2 apply under meteorological conditions of:

- wind speeds up to 3 meters per second at 10 meters above ground level; and
- temperature inversion conditions up to 30C per 100 metres.

L4.4 For the purpose of assessment of noise levels specified in this licence, noise from the premises shall be measured at:

- the most affected point on or within the receptor site boundary, or at the most affected point within 30 metres of the dwelling where the dwelling is more than 30 metres from the boundary to determine compliance with LAeq (15 minute) noise limits in condition L4.1; and
 - 1 metre from the dwelling façade of the most affected classroom to determine compliance with LAeq (1 hour) noise limit in condition L4.2;
- subject to the modification factors provided in Noise Policy for Industry (2017) - Fact Sheet C.



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- L4.5 Notwithstanding condition L4.4, should direct noise measurement from the site be impractical, the licensee may employ alternative noise assessment methods deemed acceptable by the EPA (refer to Noise Policy for Industry (2017) - Section 7).
- L4.6 Noise limits identified in condition L4.1 do not apply for residential premises where there is a negotiated agreement between the licensee and the landowner of the premises.

L5 Hours of operation

- L5.1 Unless otherwise approved in writing by the EPA, construction of proposed earth bunds around the Maroota Public School setback perimeter, required for the mitigation of noise and dust, must only be carried out between 7am and 6pm Monday to Friday during school holiday periods.
- L5.2 Loading of trucks and truck movements at the site must only be carried out between 6am and 6pm Monday to Saturday, and at no time on Sundays and Public Holidays.

All other activities at the premises covered by this licence must only be carried out between the 7am and 6pm Monday to Saturday, and at no time on Sundays and Public Holidays.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

- O1.1 Licensed activities must be carried out in a competent manner.
This includes:
- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
 - b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

O2 Maintenance of plant and equipment

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

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 dust deposition gauges installed at the site must be operated and maintained in accordance with AS/NZS 3580.10.1 (or AM-19).
- O3.3 The licensee must install and operate a continuous dust monitoring device, of the type mentioned in the letter of ERM Consultant sent to the EPA on 11 August 2004, at **Point 2** identified in condition **P1.1** of this licence,

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before commencing any activity permitted by this licence on Lot 1 & 2 of the premises.

The continuous dust monitoring device must be fitted with an automatic alarm system alerting the quarry staff once the trigger value for PM10 (37 µg/m³) is reached.

- O3.4 The licensee must install and operate a continuous automatic meteorological station at monitoring **Point 3**, identified in condition **P1.1** of this licence, as per requirements of AS 3580.14 (or AM-2).

This wind monitoring components of the meteorological station must be interfaced with the continuous dust monitoring device, identified in the above condition **O3.3**.

O4 Other operating conditions

- O4.1 The licensee must prevent any tracking of mud on to public roads by vehicles leaving the premises.

5 Monitoring and Recording Conditions

M1 Monitoring records

- M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.
- M1.2 All records required to be kept by this licence must be:
- in a legible form, or in a form that can readily be reduced to a legible form;
 - kept for at least 4 years after the monitoring or event to which they relate took place; and
 - produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
- the date(s) on which the sample was taken;
 - the time(s) at which the sample was collected;
 - the point at which the sample was taken; and
 - the name of the person who collected the sample.
- M1.4 The following records for monitoring **Point 2** identified in licence condition **P1.1**, must be kept electronically:
- each 15 minute PM10 result;
 - each rolling 24-hour average PM10 results (each 15 minutes); and
 - each daily 24-hour average PM10 result (midnight to midnight).
- M1.5 The following records for **Point 3** identified in licence condition **P1.1**, must be kept electronically: each 15 minute, 1 hour and 24 hour result as indicated in the table at condition **M4.1**.

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

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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 Air Monitoring Requirements

POINT 2

Pollutant	Units of measure	Frequency	Sampling Method
PM10	micrograms per cubic metre	Continuous	AM-22

M2.3 Water and/ or Land Monitoring Requirements

POINT 1

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

M2.4 If any rolling 24-hour average PM10 result measured at Point 2 in licence condition M2.2 is found to be greater than 42µg/m³ and the prevailing wind at the site is north-westerly, ie, between 270 degrees and 315 degrees as measured at Point 3:

- the licensee must take immediate action to reduce its PM10 emissions;
- the licensee must immediately notify the EPA Environment Line on 131 555;
- all dust generating activity on lot 1 and 2 must cease immediately, except for activity solely for the purpose of reducing dust impact, such as watering roads, exposed areas and stockpiles or dust monitoring;
- if the dust level does not return to below 42µg/m³ within 1 hour of ceasing all operations at lot 1 & 2, then: all dust generating activity on lot 29 must also stop; and operations must stay restricted to precincts 1, 2,3,4,5,6,8 and 9 of lot 196 (shown in the map faxed to DEC on 25/11/04) only; and
- dust generating activity may only recommence when the rolling 24-hour average PM10 result measured at Point 2 is less than 42µg/m³ for 4 consecutive 15 minute periods.

M3 Testing methods - concentration limits

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- 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.
- M3.2 Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with:
- any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or
 - if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or
 - if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place.

Note: The *Protection of the Environment Operations (Clean Air) Regulation 2022* requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".

M4 Weather monitoring

- M4.1 At the point(s) identified below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1 of the table below, using the corresponding sampling method, units of measure, averaging period and sampling frequency, specified opposite in the Columns 2, 3, 4 and 5 respectively.

POINT 3

Parameter	Sampling method	Units of measure	Averaging period	Frequency
Temperature at 10 metres	AM-4	Degrees	1 hour	Continuous
Wind Direction at 10 metres	AM-2 & AM-4	-	15 minutes	Continuous
Wind Speed at 10 metres	AM-2 & AM-4	metres per second	15 minutes	Continuous
Sigma theta	AM-2 & AM-4	-	15 minutes	Continuous
Rainfall	AM-4	millimetres	24 hours	Continuous

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:
- the date and time of the complaint;
 - the method by which the complaint was made;

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- 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.

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.

POINT 1

Frequency	Unit of Measure	Sampling Method
Daily	litres	Flow meter and continuous logger

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 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:
- 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.

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

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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:
- 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 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:
- the cause, time and duration of the event;
 - the type, volume and concentration of every pollutant discharged as a result of the event;
 - 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;
 - 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;
 - action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
 - details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
 - 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.
- R3.5 The licensee must submit an air and dust monitoring report to the EPA annually for all dust monitoring gauges installed at the site (identified as D1–Front gate, D4–Western boundary Lot 196, D5–Northern boundary Lot 1, D6–Adjacent Maroota Public School and D7–Adjacent Kunzea conservation area Lot 29), other than the continuous dust gauge installed at **Point 2** for activity related to DA 250-09-01 and monitored as per requirements of condition **M2.2**, containing the air quality monitoring results in the reporting period together with an evaluation of the results, including a comparison with the following ambient dust goal:
- the total dust deposition in the nearest residential area of 4g per square metre per month expressed as an annual monthly average.

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.

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- 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.

8 Pollution Studies and Reduction Programs

U1 Air Quality Monitoring

- U1.1 **Assessment of Air Quality Monitoring:** An assessment of air quality monitoring must be conducted over a minimum 12-month period. This assessment should utilise an appropriate air monitoring method, following either an EPA-published method or Australian Standard with data collected from a variety of sources, which are monitored on a regular basis (the assessment).
- U1.2 **Engagement of a Qualified Consultant:** The Licensee must engage a suitably qualified consultant (the Consultant) to complete the assessment outlined in Condition U1.1 by (1 month of issuing the Variation Notice).
- U1.3 **Air Quality Monitoring Plan:** By (two months of issuing the Variation Notice), the Licensee must submit to the EPA a draft version of an Air Quality Monitoring Plan to the EPA for review (the Plan). The Plan must be prepared by the Consultant and provide a detailed description of the following:

- a. Identify appropriate ambient air quality monitoring for PM₁₀, PM_{2.5} and TSP (Air Monitoring) at locations within the Premises in accordance with the EPA Ambient Air Monitoring Guidance (January 2022).
- b. Location of the Air Monitoring must be suitably representative of the premises activities and selected according to the EPA Ambient Air Monitoring Guidance (January 2022).
- c. Continuous meteorological monitoring, including wind data.
- d. Dust diaries recording periods of dry and windy conditions and actions undertaken to control dust emissions, including use of site water cart and on-site sprinkler system.

The Plan must adequately address and justify any recommendations on the continuation or changes to the current dust monitoring at the Premises and supported by valid data.

- U1.4 **Air Quality Monitoring Report:** By (fourteen months of issuing the Variation Notice), the Licensee must provide the EPA, via email at info@epa.nsw.gov.au, with an Air Quality Monitoring Report, prepared by the Consultant that summarises the air quality monitoring conducted over the previous 12 months period (the Report). The Report must:
- a. analyse and summarise the data including a comprehensive summary of the monitoring undertaken as required outlined in condition U1.3, and
 - b. adequately addresses and justify any recommendations on the continuation or changes to the dust monitoring at the Premises and supported by valid data.

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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 Tim Gilbert

Environment Protection Authority

(By Delegation)

Date of this edition: 07-December-2000



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End Notes

- 1 Licence varied by notice 1004327, issued on 15-Mar-2001, which came into effect on 09-Apr-2001.
- 2 Licence varied by notice 1014768, issued on 18-Oct-2002, which came into effect on 12-Nov-2002.
- 3 Licence varied by notice 1041380, issued on 03-Dec-2004, which came into effect on 28-Dec-2004.
- 4 Licence varied by notice 1064871, issued on 05-Sep-2006, which came into effect on 05-Sep-2006.
- 5 Condition A1.3 Not applicable varied by notice issued on <issue date> which came into effect on <effective date>
- 6 Licence varied by notice 1111760, issued on 06-Apr-2010, which came into effect on 06-Apr-2010.
- 7 Licence varied by notice 1527495 issued on 27-Apr-2015
- 8 Licence format updated on 10-May-2017
- 9 Licence varied by notice 1591625 issued on 01-Mar-2021
- 10 Licence varied by notice 1623360 issued on 11-Apr-2023