

Permit

Environmental Protection Act 1994

Environmental authority EA0001861

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: EA0001861

Environmental authority takes effect on 21-05-2020

Environmental authority holder(s)

Name(s)	Registered address
AGRICHEM LIQUID FERTILISER PTY LTD	2 Hovey Road YATALA QLD 4207

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 07 - Chemical Manufacturing 4: Manufacturing, in a year, the following quantities of fertiliser (a) 200t to 5000t	Lot 35 on SP160118
ERA 07 - Chemical Manufacturing 3: Manufacturing, in a year, a total of 200t or more of any of the following (b) agricultural chemical products or chemicals for biological control	Lot 35 on SP160118

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that an owner or occupier of contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the contaminated land (notice must be given within 20 business days);

that is causing, or is reasonably likely to cause, serious or material environmental harm.

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

- a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority-on the nominated day; or
- b) if the authority states a day or an event for it to take effect-on the stated day or when the stated event happens; or
- c) otherwise-on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the *Planning Act 2016* or an SDA Approval under the *State Development and Public Works Organisation Act 1971*), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.

Tristan Roberts
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 27 May 2020

Enquiries:
Extraction, Energy and Chemical Industries
Assessment
Department of Environment and Science

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Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

This Environmental Authority contains two parts:

PART A - ERA 07 – Chemical Manufacturing, 3: Manufacturing, in a year, a total of 200t or more of any of the following, (b) agricultural chemical products or chemicals for biological control

**Schedule G – General
Schedule N – Acoustic
Schedule A – Air
Schedule L – Land
Schedule W – Water**

PART B - ERA 07- Chemical Manufacturing (4a) – Manufacturing 200t to 5000t in a year

**Schedule A – General
Schedule B – Air
Schedule C – Land
Schedule D – Noise
Schedule E – Social
Schedule F – Waste
Schedule G – Water
Schedule H - Definitions**

PART – A	
ERA 07 – Chemical Manufacturing, 3: Manufacturing, in a year, a total of 200t or more of any of the following, (b) agricultural chemical products or chemicals for biological control	
Agency Interest— General	
Condition number	Condition
G1	Any breach of a condition of this environmental authority must be reported to the administering authority as soon as practicable within 24 hours of becoming aware of the breach. Records must be kept including full details of the breach and any subsequent actions taken.
G2	Activities under this environmental authority must be conducted in accordance with the following limitations: a) Manufacturing of agricultural chemical products or chemicals for biological control must not exceed 500 tonnes per year.
G3	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activities.
G4	The activity must be undertaken in accordance with written procedures that: a) identify potential risks to the environment from the activity during routine operations and emergencies; and b) establish and maintain control measures that minimise the potential for environmental harm; and c) ensure plant, equipment and measures are maintained in a proper and effective condition; and d) ensure plant, equipment and measures are operated in a proper and effective manner; and e) ensure that staff are trained and aware of their obligations under the Environmental Protection Act 1994; and f) ensure that reviews of environmental performance are undertaken at least annually.
G5	All records must be kept for a period of at least five years and provided to the administering authority upon request.
G6	Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system and where relevant, meet Australian Standards, where such a standard is applicable.

G7	When required by the administering authority, monitoring must be undertaken in the manner prescribed by the administering authority to investigate a complaint of environmental nuisance arising from the activity. The monitoring results must be provided within 10 business days to the administering authority upon its request.
G8	All monitoring must be undertaken by an appropriately qualified person.
G9	All waste generated in carrying out the activity must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
Agency Interest— Acoustic	
Condition number	Condition
N1	Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place.
Agency Interest— Air	
Condition number	Condition
A1	Odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place.
Agency Interest— Land	
Condition number	Condition
L1	Contaminants must not be released to land.
L2	Before applying to surrender this environmental authority, the site must be rehabilitated to achieve a safe, stable, non-polluting landform.
Agency Interest— Waters	

Condition number	Condition
W1	Contaminants must not be released to any waters.

Definitions

Note that where a term is not defined, the definition in the Environmental Protection Act 1994, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

Activity means Activities means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates

Administering authority means the Department of Environment and Science or its successors or predecessors.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills and experience relevant to the EA requirement and can give authoritative assessment, advice and analysis in relation to the EA requirement using the relevant protocols, standards, methods or literature.

Commercial Place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Environmental Nuisance as defined in Chapter 1 of the Environmental Protection Act 1994.

Groundwater means water that occurs naturally in, or is introduced artificially into, an aquifer.

Land does not include **waters**.

Measures have the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

Secondary Containment System means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to land, groundwater, or surface waters.

Sensitive Place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the Nature Conservation Act 1992, the Marine Parks Act 2004 or a World Heritage Area; or
6. a public park or garden; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and **groundwater** and any part thereof.

PART – B	
ERA 07- Chemical Manufacturing (4a) – Manufacturing 200t to 5000t in a year	
Agency Interest— General	
Condition number	Condition
A1	Display of Development Approval A copy of this development approval must be kept in a location readily accessible to all persons carrying out any activity to which this development approval relates.
A2	Prevent and/or Minimise Likelihood of Environmental Harm In carrying out an activity to which this development approval relates, all reasonable and practicable measures must be taken to prevent and/or minimise the likelihood of environmental harm being caused.
A3	Records All records kept in relation to this development approval must be available for examination when requested by an authorised person, as defined under the Environmental Protection Act 1994.
A4	All records required by this development approval must be kept for five (5) years.
A5	Maintenance of Plant and Equipment The registered operator of this development approval must: - install all measures, plant and equipment necessary to ensure compliance with the conditions of this development approval; and - maintain such measures, plant and equipment in a proper and efficient condition; and - operate such measures, plant and equipment in a proper and efficient manner. In this condition, "plant and equipment" includes: - any plant and equipment used to prevent or minimise the likelihood of environmental harm being caused; - any devices and structures to contain foreseeable escapes of contaminants and waste; - any device or structure used to store, handle, treat or dispose of contaminants and waste;

	iv. any monitoring equipment; and v. any backup systems that act in the event of failure of a primary system.
A6	Trained Experienced Operator(s) The daily operation of the plant and equipment as defined under condition A5 must be carried out by a person(s) with appropriate experience and/or qualifications to ensure the effective operation of that treatment system and control equipment.
A7	Changes to Plant and Equipment No change, replacement or operation of any plant or equipment as defined under condition A5 is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase the risk of environmental harm above that expressly provided by this development approval.
A8	Site Based Management Plan (SBMP) From commencement of an activity to which this development approval relates, a Site Based Management Plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out.
A9	The SBMP must address at least the following matters: a) environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals b) identification of environmental issues and potential impacts; c) control measures for routine operations to minimise likelihood of environmental harm; d) contingency plans and emergency procedures for non-routine situations; e) organisational structure and responsibility; f) effective communication; g) monitoring of contaminant releases; h) conducting environmental impact assessments; i) staff training; j) record keeping; and k) periodic review of environmental performances and continual improvement
A10	A current copy of the SBMP must be kept at the authorised place
A11	The SBMP must not be implemented or amended where such implementation or amendment would result in the contravention of any condition of this development approval.
A12	Details of any amendment to the SBMP must be submitted to the administering authority with the annual return, which immediately follows the enactment of any such amendment.

A13	Bunding All chemical storages must be designed, constructed and maintained in accordance with all current relevant legislation and Australian Standards for the storage and handling of such chemicals
A14	At a minimum, all chemical tank storages must be banded so that the capacity of the bund is sufficient to contain at least, 100% of the largest tank plus 10% of the second largest tank within the bund
A15	At a minimum, all chemical drum storages must be banded so that the capacity of the bund is sufficient to contain at least 25% of the total storage capacity of all containers within the bund
A16	All bunding must be constructed of materials which are substantially resistant to attack by; and are sufficiently impervious to; the materials stored within the bund, to retain and enable the recovery of any spillage
A17	All required pipe work from the banded areas must be directed over the bund wall and not through it.
A18	All tanker loading/unloading areas must be banded so that the bund is sufficient to contain 100% of the largest compartment of any tanker using the area.
A19	All loading/unloading of liquid chemicals must be undertaken in a banded area as described in A18
A20	Where vehicle access to a banded area is required, the access must be by way of a rollover bund.
A21	No contaminated water or wastes collecting within any banded area are to be released to waters or the stormwater drainage system
A22	All bunding must be roofed where practicable. Where it is impractical to completely roof a banded area the registered operator of this development approval must ensure that any stormwater captured within the bund is free from contaminants or wastes prior to any release.
A23	Security measures must be in place to prevent the unauthorised release of contaminants from outdoor chemical storage areas.
A24	Notification of spills and incidents The registered operator of this development approval must telephone the EHP Pollution Hotline on 1300 130 372 or the local EHP office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this development approval.
A25	A written notice detailing the following information must be provided to the administering authority within fourteen (14) days of any spill or incident: a) the name of the operator, including their approval / registration number; b) the name and telephone number of a designated contact person; c) quantity and substance released;

	d) vehicle and registration details (if applicable); e) person/s involved (driver and any others); f) the location and time of the release; g) the suspected cause of the release; h) a description of the effects of the release; i) the results of any sampling performed in relation to the release; j) actions taken to mitigate any environmental harm caused by the release; and k) proposed actions to prevent a recurrence of the release
A26	Spill Kit An appropriate spill kit, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the activity to which this development approval relates must be kept at the authorised place. Note: An appropriate spill kit should be able to treat a specific contaminant identified at the authorised place for example: chemicals spill kits, fuel and oil spill kits and also general purpose.
A27	Spill Kit Training Any person operating under this development approval must be trained in the use of the spill kit.
A28	Monitoring An appropriately qualified or experienced person must conduct any monitoring required by this development approval.
A29	Equipment Calibration All instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this development approval must be calibrated, and appropriately operated and maintained.
Schedule B — Air	
Condition number	Condition
B1	Odour Nuisance Notwithstanding any other condition of this development approval, the release of noxious or offensive odour(s) or any other noxious or offensive airborne contaminant(s) resulting from the activity must not cause any environmental nuisance at any nuisance sensitive or commercial place.
B2	Dust Nuisance The release of dust and/or particulate matter resulting from the activity must not cause an environmental nuisance at any nuisance sensitive or commercial place,

B3	Dust and particulate matter must not exceed the levels specified in Table 1 of Schedule B when measured at any nuisance sensitive or commercial place: SCHEDULE B - TABLE 1 Dust Deposition Rate and Concentration of Particulate Matter Limits <table><tr><th>Contaminant</th><th>Measure</th><th>Maximum Limit</th><th>Measurement Method</th></tr><tr><td>Dust</td><td>Deposition rate</td><td>120 mg/m2/day averaged over 30 days</td><td>Australian Standard (AS) AS3580.10.1 of 2003 (or more recent editions)</td></tr><tr><td>PM10</td><td>Concentration</td><td>50pg/m3 averaged over 24 hours</td><td>Either of the following— (a) AS 3580.9.6 of 2003 (or more recent editions); or b AS3580.9.7 of 2009 or more recent editions .</td></tr></table> Note: Australian Standard AS 3580.9.6 of 2003 (or more recent editions) Ambient air — Particulate matter — Determination of suspended particulate matter PM10 high volume sampler with size-selective inlet — Gravimetric method. Australian Standard AS3580.9.7 of 2009 (or more recent editions) "Ambient air — Particulate matter — Determination of suspended particulate matter — Dichotomous sampler (PM 10 and PM 2.5) Gravimetric method.	Contaminant	Measure	Maximum Limit	Measurement Method	Dust	Deposition rate	120 mg/m2/day averaged over 30 days	Australian Standard (AS) AS3580.10.1 of 2003 (or more recent editions)	PM10	Concentration	50pg/m3 averaged over 24 hours	Either of the following— (a) AS 3580.9.6 of 2003 (or more recent editions); or b AS3580.9.7 of 2009 or more recent editions .
Contaminant	Measure	Maximum Limit	Measurement Method										
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PM10	Concentration	50pg/m3 averaged over 24 hours	Either of the following— (a) AS 3580.9.6 of 2003 (or more recent editions); or b AS3580.9.7 of 2009 or more recent editions .										
B4	Dust Monitoring When requested by the administering authority, dust and particulate monitoring must be undertaken to investigate any non-vexatious complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified to the administering authority within fourteen (14) days of monitoring completion. Monitoring must be carried out at a place(s) relevant to the potentially affected dust sensitive place and at upwind control sites and must include: a) for a complaint alleging dust nuisance, dust deposition; and b) for a complaint alleging adverse health effects, the concentration of PM10.												
B5	In the event that dust and/or particulate matter exceeds the levels specified in condition B3, a Dust Management Plan must be developed, revised and implemented and provided to the administering authority within fourteen (14) days of written notice from the administering authority. The Dust Management Plan must address at least the following matters: a) identification of dust sources and activities at the authorised place which impact on a nuisance sensitive place or commercial place; b) control or abatement measures that can be undertaken to reduce dust sources and activities; c) the expected reduction of dust emissions at a nuisance sensitive place or commercial place that would be achieved from implementing the proposed measures mentioned in (b); d) further dust monitoring results subject to (c) to demonstrate compliance with condition B3; and e) the handling of future dust complaints.												

B6	The release of contaminants to the atmosphere from a point source must only occur from those release points identified in Table 2 of Schedule B and must be directed vertically upwards without any impedence or hinderance.												
B7	Contaminants must be released to the atmosphere from a release point at a height and a flow rate not less than the corresponding height and velocity stated for that release point in Table 2 of Schedule B.												
B8	Contaminants must not be released to the atmosphere from a release point at a concentration, as measured at a monitoring point, in excess of that stated in Table 2 of Schedule B. SCHEDULE B - TABLE 2 Release Limits of Contaminants to Atmosphere <table><tr><th>Release Point Number</th><th>Minimum Release height (m)</th><th>Minimum exit velocity (m/sec)</th><th>Contaminant release</th><th>Maximum release limit</th><th>Monitoring Frequency</th></tr><tr><td>RP1-Stack</td><td>4 mts above the roof height</td><td>10</td><td>Total Solid – Particles</td><td>20 mg/Nm³</td><td>Annual (see Note 1)</td></tr></table> Note 1: Within three (3) months of commissioning the plant, the registered operator of this development approval must conduct air emission monitoring to demonstrate compliance with air emission limits listed in Table 2 of Schedule B and submit the results to the administering authority within fourteen (14) days of monitoring completion.	Release Point Number	Minimum Release height (m)	Minimum exit velocity (m/sec)	Contaminant release	Maximum release limit	Monitoring Frequency	RP1-Stack	4 mts above the roof height	10	Total Solid – Particles	20 mg/Nm ³	Annual (see Note 1)
Release Point Number	Minimum Release height (m)	Minimum exit velocity (m/sec)	Contaminant release	Maximum release limit	Monitoring Frequency								
RP1-Stack	4 mts above the roof height	10	Total Solid – Particles	20 mg/Nm ³	Annual (see Note 1)								
B9	Monitoring of Contaminant Releases to the Atmosphere The registered operator of this development approval must conduct and keep records of a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameter specified in Table 2 of Schedule B and which complies with the following: a) Monitoring provision for the release points listed in Table 2 of Schedule B must comply with the Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions" or US EPA Method 1 (2000); b) The following tests must be performed for each required determination specified in Table 2 of Schedule B: i. gas velocity and volume flow rate; and ii. temperature and water vapour concentration. c) where practicable samples taken must be representative of the contaminants discharged when emissions are expected to be at maximum rates; and d) during the sampling period the following additional information must be gathered: i. product made at the time of sampling; ii. raw materials used; iii. number of equipment and operating units; and iv. reference to the actual test methods and accuracy's of the methods.												
B10	All vapours and/or dust generated from the chemical mixing reactions and from any other odour and dust sources/vessels capable of causing an environmental nuisance must be: a) efficiently covered/enclosed so as to enable extraction of odorous gases and vapours from these sources; b) kept under negative pressure to prevent release of fugitive odour; and												

	c) served by the "gas extraction systems" to convey the odorous gases and vapours to a fabric filter or an appropriate air pollution control system prior to any release to the atmosphere.
B11	The mixing vessel and other source equipment, including control devices must be maintained as specified by the manufacturer's specifications and in a manner to prevent or minimise the release of contaminants to the atmosphere.
B12	Fabric Filter Dust Collector (FFDC) All contaminants (exhaust gases) arising from the authorised place must be treated in a Fabric Filter Dust Collector (FFDC) prior to release to the atmosphere at release point RP1.
B13	A device (e.g. differential pressure sensor) which is capable of detecting filter medium breakthrough must be installed in the outlet of the FFDC.
B14	An alarm system must warn the operator of the rotary drum mixer of the possibility that filter medium breakthrough has occurred.
B15	Replacement bags for all FFDCs must be held at the authorised place at all times.
B16	All collected material removed from a FFDC must be recycled, or removed and disposed of to a facility that can lawfully accept such wastes.
B17	The FFDC must have a particulate collection efficiency of 99.9 percent.
B18	Odour Management Plan (OMP) In the event that a non-vexatious complaint about noxious or offensive odour from a nuisance sensitive or commercial place is received, the registered operator of this development approval must develop and implement an Odour Management Plan (OMP) and provide it to the administering authority within fourteen (14) days of completion. The OMP must be prepared to ensure that odour does not adversely affect the welfare and amenity of nearby land uses. The OMP must include (but is not limited to): a) Identification of odour sources; b) Minimisation of odour at the sources including management and control strategies; c) Monitoring and modelling of odorous emissions as appropriate; and d) A detailed complaints management procedure for nearby land users and residents affected by odour. The elements that the OMP must include (but is not limited to) are: a) Objectives/Targets for what is intended to be achieved; b) Management Strategies for the overall approach to be taken to meet/maintain the stated objectives/targets; c) Tasks/Actions required to implement the nominated strategies, including any necessary approval applications, consultations and monitoring; d) Performance Indicators against which the level of achievement of the stated objectives/targets will be measured; e) Frequency/Deadline or time frame in which each of the tasks/actions is to be carried out and/or completed;

	f) Responsible Person/Organisation for carrying out each task/action; g) Reporting and Review arrangements (including any auditing) for each task i.e. how often; and to whom; and h) Corrective Actions to be undertaken if the stated objectives/targets are not being met or maintained, including who is responsible for taking required actions.
B19	Odour Complaint Investigation and Monitoring In the event that a non-vexatious complaint about noxious or offensive odour from a nuisance sensitive place is received, the registered operator of this development approval must undertake monitoring to investigate any complaint of odour nuisance upon receipt of a written request from the administering authority.
B20	The monitoring referred to in condition B19 must include data as requested by the administering authority and an evaluation of the odour sources from plant operations. The evaluation should include an inspection of potential odour sources and associated emission control systems. Results must be provided to the administering authority within fourteen (14) days following completion of monitoring.
B21	When requested by the administering authority, monitoring must be undertaken to investigate any complaint of environmental nuisance caused by a release to the atmosphere from a release point at the authorised place, and the results thereof notified to the administering authority within fourteen (14) days following completion of monitoring.
B22	If the administering authority requests monitoring to determine contaminant releases to the atmosphere, all monitoring must be performed by an independent person or body possessing appropriate experience and qualifications to perform the required measurements. The air quality monitoring must be conducted in accordance with methods prescribed in the most recent version of the administering authority's Air Quality Sampling Manual. If monitoring requirements for specific contaminants are not described in the Manual, monitoring protocols must be in accordance with a method as approved by New South Wales DECCW, Victorian EPA or United States EPA.
B23	If monitoring indicates that environmental nuisance is caused or threatened by odour release from the approved activities, then the registered operator of this development approval must: - advise the administering authority of planned odour abatement measures; and - as soon as practicable implement odour abatement measures such that the release of odour from the activity will not result in further environmental nuisance.
Schedule C — Land	
Condition number	Condition
C1	Release of Contaminants to Land The registered operator of this development approval must ensure that there is no release, nor likelihood of release of any contaminants that may cause environmental harm or contribute to contamination of the land to which this development approval relates

Schedule D — Noise																																																			
Condition number	Condition																																																		
D1	Noise Limits Noise from activities must not result in measured levels greater than those specified in the following table. Noise limits — Nuisance sensitive place: <table><tr><th rowspan="3">Noise level in dB(A)</th><th colspan="4">Monday to Saturday</th><th colspan="4">Sunday and Public Holidays</th></tr><tr><th>4:30am – 7am</th><th>7am- 6pm</th><th>6pm - 10pm</th><th>10pm- 4:30am</th><th>4:30am – 7am</th><th>7am- 6pm</th><th>6pm - 10pm</th><th>10pm- 4:30am</th></tr><tr><th colspan="8">NOISE MEASURED AT THE BOUNDARY OF THE AUTHORISED PLACE</th></tr><tr><td>L₁₀, adjT 15mins</td><td>67</td><td>77</td><td>77</td><td>62</td><td>67</td><td>77</td><td>77</td><td>62</td></tr><tr><td>L_{eq},adjT 15min</td><td>65</td><td>75</td><td>75</td><td>60</td><td>65</td><td>75</td><td>75</td><td>60</td></tr></table>								Noise level in dB(A)	Monday to Saturday				Sunday and Public Holidays				4:30am – 7am	7am- 6pm	6pm - 10pm	10pm- 4:30am	4:30am – 7am	7am- 6pm	6pm - 10pm	10pm- 4:30am	NOISE MEASURED AT THE BOUNDARY OF THE AUTHORISED PLACE								L ₁₀ , adjT 15mins	67	77	77	62	67	77	77	62	L _{eq} ,adjT 15min	65	75	75	60	65	75	75	60
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L _{eq} ,adjT 15min	65	75	75	60	65	75	75	60																																											
D2	Noise Monitoring When requested by the administrating authority, noise monitoring must be undertaken at the boundary of the authorised place to investigate any non-vexatious complaint of noise nuisance. The results must be provided in writing to the administering authority within fourteen (14) days of monitoring completion.																																																		
D3	The noise level must be measured, as near as practicable to the location and height where a straight line from the sound source to the affected dwelling intersects the boundary of the authorised place. Monitoring must include: 1. Background noise; 2. LAeq, adj, 15mins 3. LA10, adj, 15 mins 4. The level and frequency of occurrence of impulsive or tonal noise; 5. Atmospheric conditions including temperature, relative humidity and wind speed and direction; 6. Effects due to extraneous factors such as traffic noise; and 7. Location, date and time of recording.																																																		
D4	The method of measurement and reporting of noise levels must comply with the most recent edition of the Department of Environment and Resource Management’s Noise Measurement Manual 2000.																																																		
Schedule E — Social																																																			
Condition number	Condition																																																		

E1	Complaint Response The registered operator of this development approval must record the following details for complaints received in relation to the activity covered by this development approval conducted at the authorised place: a) time, date, name and contact details of the complainant; b) reasons for the complaint; c) any investigations undertaken; d) conclusions formed; and e) any actions taken
E2	Subject to condition E1 complaint information must be provided to the administering authority upon request.
Schedule F — Waste	
Condition number	Condition
F1	All waste that requires offsite disposal must be appropriately contained in waste containers or storage areas which prevent any release of waste from the container or storage area.
F2	All waste containers and storage areas used for temporary storage of waste for offsite disposal must be: a) maintained in a proper and efficient state of repair to effectively contain the deposited wastes; and b) emptied and cleaned regularly.
F3	Regulated waste must not be released to the environment, stored, transferred or disposed of contrary to any development condition.
F4	Waste Transport All waste that requires offsite disposal must be securely transported by an approved operator to transport such material and disposed of to a facility which is approved to accept such waste.
F5	Offsite Movement of Regulated Waste Where regulated waste is removed from the authorised place (other than by a release as permitted under another condition of this development approval), the registered operator of this development approval must monitor and keep records of the following: a) the date, quantity and type of waste removed; and b) name of the waste transporter and/or disposal operator that removed the waste; and c) the intended treatment/disposal destination of the waste. Note: Records of documents maintained in compliance with a waste tracking system established under the Environmental Protection Act 1994 or any other law for regulated waste will be deemed to satisfy this development condition.
F6	Trade Waste Recycling

	Trade waste (as defined by this development approval) may be distributed to third parties for use as a low grade fertiliser, only if it is of a quality and quantity that does not cause environmental harm.
F7	Sludge generated as a result of fertiliser manufacture that is not usable as specified in condition F6 must be securely transported by an approved operator to transport such material and disposed of to a facility which is approved to accept such waste.
F8	Notification of Improper Disposal of Regulated Waste If the registered operator of this development approval becomes aware that a person has removed regulated waste from the authorised place and disposed of the regulated waste in a manner that is not authorised by this development approval or is improper or unlawful, then the registered operator of this development approval must, as soon as practicable notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.
F9	Blown Litter Where litter is blown or washed from the authorised place, the registered operator of this development approval must retrieve the litter in a manner that is safe to do so, and ensure that it is disposed of in an appropriate manner.
F10	Subject to Condition F9 boundary fence lines must be kept clean and free of litter and debris.
Schedule G — Water	
Condition number	Condition
G1	Release of Contaminants Contaminants must not be directly or indirectly released from the authorised place to any waters or the bed and banks of any waters, roadside gutter or stormwater drain except: a) as permitted under the water conditions of this development approval; or b) as permitted or otherwise agreed from time to time by the relevant Local Government in accordance with a trade waste agreement
G2	Any spillages of wastes or contaminants must be cleaned up as quickly as practicable. Such spillages must not be cleaned by hosing, sweeping or otherwise releasing wastes or contaminants to any waters, roadside gutters or stormwater drainage areas
G3	Groundwater There must be no release of contaminants to groundwater
G4	Stormwater Management There must be no release of stormwater runoff that has been in contact with any contaminants at the authorised place to any waters, roadside gutter or stormwater drain

G5	The release of any stormwater must also comply with the following qualitative characteristics: a) The release must not have any properties nor contain any organisms or other contaminants that are capable of causing environmental harm or an environmental nuisance; and b) The release must not produce any slick or other visible evidence of oil or grease nor contain visible floating oil, grease, scum, litter or other objectionable matter.
G6	There must be no maintenance, servicing or cleaning of any vehicles or mobile equipment or machinery at the approved place.
G7	Maintenance, servicing or cleaning of any immobile equipment or machinery at the approved place must be undertaken in a manner which prevents the release of contaminants to any waters, roadside gutter or stormwater drain.
G8	Monitoring and Reporting Water quality monitoring must be undertaken when requested in writing by the administering authority
G9	Monitoring as required in condition G8 must be undertaken and records kept of contaminant releases to waters from the discharge location. All determinations of the quality of water and contaminants released must be: a) made in accordance with the methods prescribed in the latest edition of the Department of Environment and Resource Management's Monitoring and Sampling Manual 2009 Environmental Protection (water) Policy 2009; and b) carried out on samples that are representative of the discharge
G10	Written advice must be provided to the administering authority within fourteen (14) days of completion of monitoring as required by condition G8. Written advice must include all data, results and analysis resulting from the monitoring

Schedule H - DEFINITIONS

Words or phrases used in this development approval have the same meaning as they have in the Environmental Protection Act 1994 or subordinate legislation unless specified below, in which case the definition below will be applied.

"activity" includes that part, if any, of an activity relating to—
■ preparing a place for the activity before carrying out the activity; or ■ rehabilitating a place after it has been used for carrying out the activity.

"administering authority" means the Department of Environment and Heritage Protection (DEHP) or its successor administering the Coastal Protection and Management Act 1995 or the Environmental Protection Act 1994.

"approval" means 'notice of development application decision' or 'notice of concurrence agency response' under the Sustainable Planning Act 2009.

"authorised place" means development locations as the place/s authorised under this development approval for the carrying out of the specified environmentally relevant activities.

"authorised person" means a person holding office as an authorised person under an appointment under the Environmental Protection Act 1994 by the chief executive or chief executive office or a local government.

"A" frequency weighting network means the frequency weighting described under AS IEC 61672.1-2004 (Electroacoustics — Sound level meters, Part 1 — Specifications) for frequency weighting 'A'.

"A-weighted sound pressure level" means a measure of sound adjusted to the 'A' frequency weighting network.

"background noise" means either—

- $LA_{90, T}$ being the A-weighted sound pressure level exceeded for 90 % of the time period not less than 15 minutes, using Fast response, or
- $L_{A_{bg, T}}$ being the arithmetic average of the minimum readings measured in the absence of the noise under investigation during a representative time period of not less than 15 minutes, using Fast response.

"the boundary" means within 1 (one) meter of the cadastral boundary of the authorised place.

"commercial place" means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place

"dB(A)" means decibels measured on the 'A' frequency weighting network.

"dwelling" means any of the following structures or vehicles that is principally used as a residence —

- a house, unit, motet, nursing home or other building or part of a building;
- a caravan, mobile home or other vehicle or structure on land;
- a water craft in a marina.

"freeboard" means the distance between the water surface and overflow point.

"g/min" means grams per minute,

"L" means litres.

Waste prescribed above includes -

- for an element - any chemical compound containing the element; and
- anything that contains residues of the waste.

"time weighting F" means a fast standardised response time.

"trade waste" means a by-product of primary fertiliser manufacture which is used as a low grade fertiliser.

"upwind Sample" means a sample site/location in close proximity of the approved place. However in a position that is not influenced or impacted by atmospheric discharges from the approved place and in accordance with AS3580.1.1:2007 "Methods for sampling and analysis of Ambient air Part 1.1: Guide to Siting Air monitoring equipment"

"Volatile organic compounds (VOC)" means any chemical compound based on carbon chains or rings with a vapour pressure greater than 2mm of mercury (0.27 kPa) at 25°C), that participate in atmospheric photochemical reactions. The substances that are specifically excluded are: methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides and carbonate salts. This is according to the definition of VOC outlined in the Australian Government National's Pollutant Inventory.

"waters" includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

"works" or **"operation "** means the development approved under this development approval.

END OF CONDITIONS